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For technical service call:
1-800-248-9606



**Hours: 8:30 am - 6:00 pm EST
(Monday - Friday)**

Use of Clevite® engine bearings, MAHLE Original® gaskets, pistons and rings in aircraft or other specialty equipment may be a violation of Local, State or Federal Regulatory Agency laws, rules and regulations.

These products are intended solely for automotive applications. Under absolutely NO circumstances should these products ever be used in non-automotive applications including, without limitation, aircraft engines, medical equipment, atomic energy devices or reactors.

“Federal, State and local laws restrict the removal, rendering inoperative, or in some cases the modification of factory installed emission devices or systems. California restricts the use of parts which could increase emissions in vehicles designed for use on public streets or highways. The sale or installation on emission

controlled vehicles of certain emission control components not approved by the California Air Resources Board, which alter or modify the original design or performance of such vehicle’s emission control system is prohibited. Some of the parts listed and offered for sale in this catalog may fall within the above restrictions. Such parts are intended only for use on off-road vehicles competing in competitive events or on other types of vehicles which are exempt from the applicable emission control laws. Installation of these parts on vehicles subject to emission control laws may be prohibited.

MAHLE Aftermarket recommends that the applicable emission control laws be reviewed before considering the installation of add-on or modified parts.”

This bearing catalog lists Clevite® aftermarket OE replacement bearings for domestic and import passenger car and truck applications. They are arranged in alphabetical sequence with the manufacturer's name appearing in bold-face type at the outer margins of each page. The index at the front of this catalog will help to easily locate the desired manufacturer.

To find the correct Clevite part number:

1. Use the manufacturer's index in the front of this catalog to locate the vehicle manufacturer listing desired.
2. Turn to the indicated manufacturer section, and using the engine data provided, locate the corresponding block number listed to the right of the desired engine. Model data is also included to help identify what engines are used in particular models during regular production years.
3. Go to the block indicated and locate the quadrant with the appropriate part name desired (i.e. Rod Bearing, Cam Bearing Set, Main Bearing Set). Special notes regarding application data will be stated on the line directly under the part number (i.e. year breaks, serial number breaks). Pay particular attention to any special symbol footnotes listed, which call out alternate materials available and the availability of new, superseded or discontinued items.
4. Scan across to the part number required, making sure to select the desired undersize from the sizes that are currently available.

Each manufacturer listing includes **two** distinct sections. The **first** section, found at the beginning of each listing, consists of engine

data used to assist in the correct identification of engines used by the manufacturer. Engine codes are also included for all European and Japanese engines to help identify them. The **second** section consists of model data with correct engines used in specific vehicles and model years.

Engines using the same parts are grouped together to save space in the listings. Engines are arranged first by number of cylinders in ascending order (i.e. 4 cylinder, 6 cylinder, 8 cylinder), and then by displacement in ascending order (i.e. 200-229, 231-252, 260 diesel). Each block is divided into two different quadrants. Each quadrant has information pertaining to the specific engines listed on the application data line above it. The following pages will help you in specifying the correct bearing part numbers and undersizes desired.

Quadrant A data includes the types of bearing and number of pairs required (if applicable), the bearing material designation (see chart on following pages), the Clevite® part number and all available undersizes. Positions for individual bearings and thrust washers within a set are also indicated to ensure proper installation in the engine. Any special application or installation information needed appears as a "NOTE" message under the affected set or individual part number.

If a main bearing set does not include required thrust washers, the main set listed above it will have a NOTE reading "Requires thrust washer set [set number]."

engine is manufactured to metric specifications (a reminder of this appears in Quadrant B of all metric engines).

Quadrant B consists of shop data specifications corresponding to the individual Clevite® bearing directly to its left in Quadrant A. This detailed shop data is divided into five columns reading from left to right:

1. Standard shaft diameter
2. Vertical oil clearance
3. Maximum wall at crown
4. Bearing outside diameter or housing bore
5. Maximum bearing length

All shop data is expressed in inch sizes, even if the



COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL				
1	81 CID (1.3L) SOHC 8V L4 Mazda VIN Code: 'H' (1990-1997)			2.795"/71.0mm x 3.290"/83.6mm				1
Rod Bearing (4)	AL-3	CB-1279AL	STD, .25mm, .50mm, .75mm 1.00mm	1.5724/1.5730	0.0010/0.0031	0.0596	1.6929/1.6935	0.6740
Main Bearing Set 1-2-3-4-5	AL-3	MS-1802AL MB-3173AL	STD, .25mm, .50mm, .75mm	1.9661/1.9668	0.0009/0.0017	0.0792	2.1260/2.1267	0.6890
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-472S								
Thrust Washer Set		TW-472S MB-3173W	STD	2.2539			2.7165	0.1000
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1802AL								

Major causes of bearing failure

As you know, every automotive engine part will eventually wear out. And if every part always performed for the full length of its expected life, your job would be fairly simple – to replace parts that have worn. Unfortunately, we cannot always count on an engine part failing only because its normal lifespan is exceeded. A technician must not only be a “replacer of parts” but, like a doctor, he must be capable of diagnosing his “patient” to determine why a part failed prematurely. The table below lists the eight major causes of premature engine bearing failure, along with percentage figures which indicate how often each has been found to be the prime contributor to a bearing’s premature failure. However, it is important to note that in many cases a premature bearing failure is due to a combination of several of these causes.

MAJOR CAUSES OF PREMATURE BEARING FAILURE

Dirt	45.4%
Misassembly	12.8%
Misalignment	12.6%
Insufficient Lubrication	11.4%
Overloading	8.1%
Corrosion	3.7%
Improper Journal Finish	3.2%
Other	2.8%

Thus we can reason that if a technician merely replaces a damaged bearing in an engine,

without determining the cause of its failure, more than 99% of the time he will be subjecting the replacement bearing to the same cause that was responsible for the original failure. What this all means is that just as a doctor cannot cure a patient until he has determined what ails him, so, too, a technician cannot correct the cause of premature bearing failure until he first determines what causes the failure.

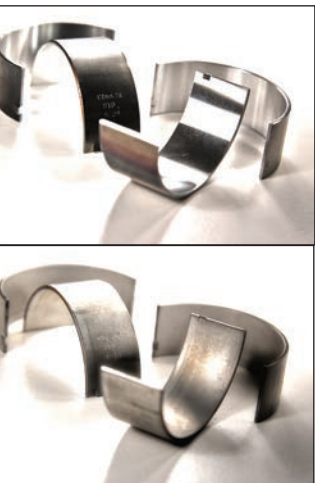
Each failure is organized, for your convenience, into four major subjects:

- 1. Appearance** – an illustration and brief description of a bearing that has failed due to a specific cause.
- 2. Damaging Action** – what actually damaged the bearing under the conditions which were present.
- 3. Possible Causes** – a listing of those factors capable of creating the particular damaging action.
- 4. Corrective Action** – the action that should be taken to correct the cause of failure.

Covered here, are the most common failure types. Please refer to the Bearing Distress Guide located at www.mahle-aftermarket.com as a reference to help you in properly determining the cause of premature bearing failures.

Normal Appearance

Uniform wear pattern over approximately 2/3 of the bearing’s surface. Wear should diminish near the parting line ends of the bearing and the wear pattern should extend uniformly across the bearing in the axial direction.



Foreign particles in lining

APPEARANCE

Foreign particles are embedded in the lining of the bearing. Scratch marks may also be visible on the bearing surface.

DAMAGING ACTION

Dust, dirt, abrasives and/or metallic particles, present in the oil supply, embed in the soft babbitt bearing lining, displacing metal and creating a high-spot.

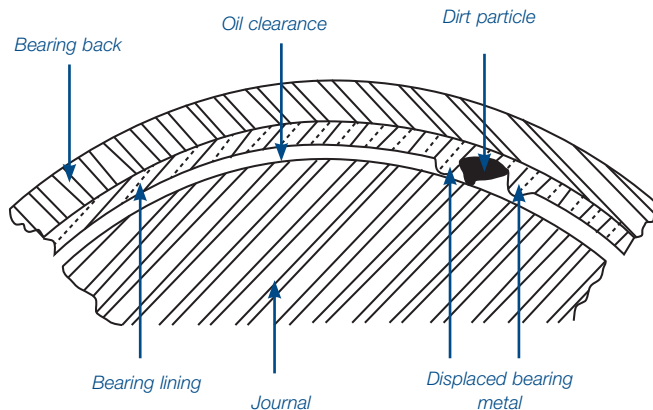
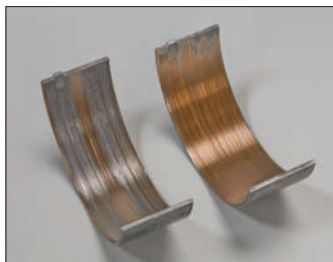
The high-spot may be large enough to make contact with the journal causing a rubbing action that can lead to the eventual breakdown and rupture of the bearing lining. Foreign particles may embed only partially and the protruding portion may come in contact with the journal and cause a grinding wheel action.

POSSIBLE CAUSES

1. Improper cleaning of the engine and/or parts prior to assembly.
2. Road dirt and sand entering the engine through the air-intake manifold or faulty air filtration.
3. Wear of other engine parts, resulting in small fragments of these parts entering the engine's oil supply.
4. Neglected oil filter and/or air filter replacement.

CORRECTIVE ACTION

1. Inspect journal surface and regrind if excessive wear is discovered.
2. Install new bearings, following proper cleaning procedures.
3. Recommend that the operator have the oil, air filter, oil filter and crankcase breather-filter replaced as recommended by the manufacturer.



Foreign particles on bearing back

APPEARANCE

A localized area of wear can be seen on the bearing surface. Also, evidence of foreign particle(s) may be visible on the bearing back or bearing housing directly behind the area of surface wear.

DAMAGING ACTION

Foreign particles between the bearing and its housing prevent the entire area of the bearing back from being in contact with the housing base. As a result, the transfer of heat away from the bearing surface is not uniform causing localized heating of the bearing surface which reduces the life of the bearing.

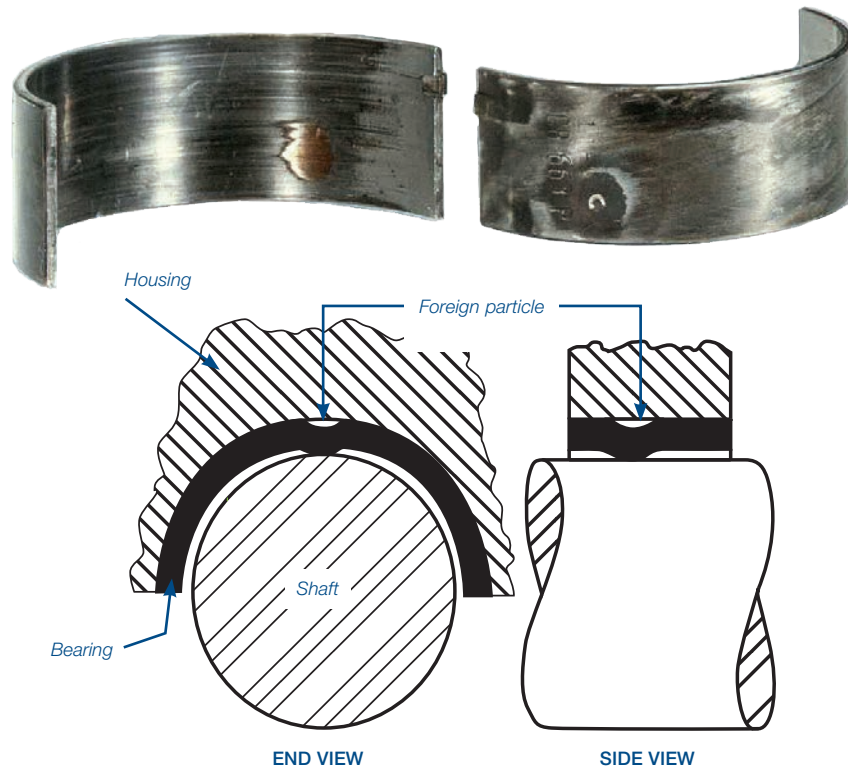
Also, an uneven distribution of the load causes an abnormally high pressure area on the bearing surface, increasing localized wear on this material.

POSSIBLE CAUSES

Dirt, dust abrasives and/or metallic particles either present in the engine at the time of assembly or created by a burr removal operation can become lodged between the bearing back and bearing housing during engine operation.

CORRECTIVE ACTION

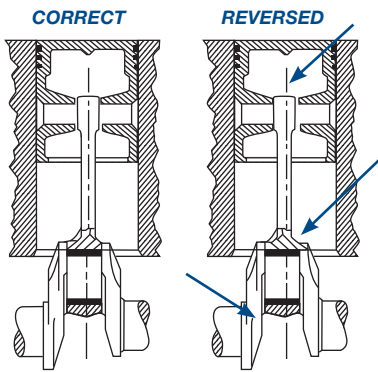
1. Inspect journal surface and regrind if excessive wear is discovered.
2. Install new bearings following proper cleaning and burr removal procedures.



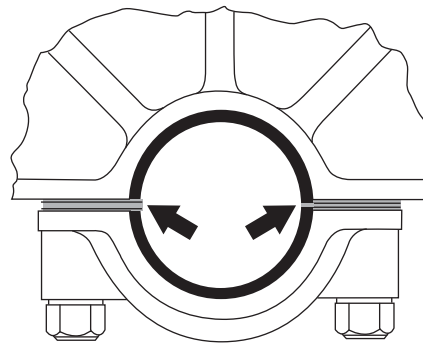
Misassembly

Engine bearings will not function properly if they are installed incorrectly. In many cases, misassembly will result in premature failure of the bearing.

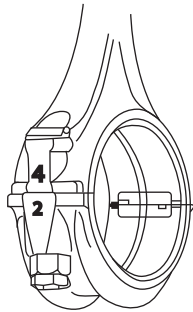
The following are typical assembly errors most often made in the installation of engine bearings.



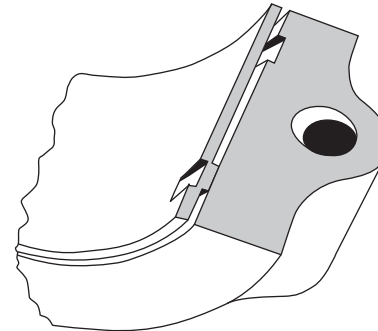
Position of Offset Connecting Rod Reversed



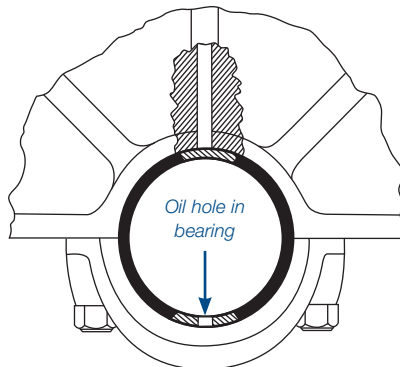
Improper Shim Installation



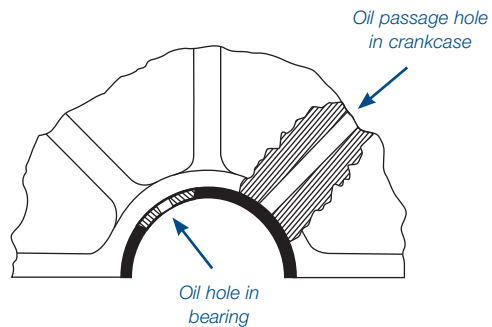
Bearing Caps in Wrong or Reversed Position



Locating Lugs Not Nested



Bearing Halves Reversed



Bearing Oil Hole Not Aligned With Oil Passage Hole

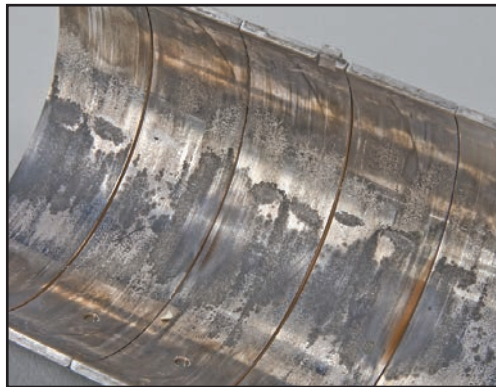
Overlay fatigue

APPEARANCE

All or part of the bearing surface covered by a network of fine cracks limited in depth to just the .0005" thick surface layer.

DAMAGING ACTION

Often the appearance is worse than the actual problem. Overlay fatigue is typically caused by the localized overloading of the bearing surface. Once the fine cracks form, the remaining overlay material will flow to fill in the cracks and relieve the load concentration. If the entire bearing surface shows this condition, it's an indication of overloading, possibly due to detonation or use of a standard bearing in a high performance application. If the bearing has seen the end of its natural service life and the problem is noticed, proceed with normal repairs.



POSSIBLE CAUSES

Overloading. Babbitt overlay materials are intended to provide surface action, reduce friction, accommodate slight misalignment and embed foreign particles. Babbitt materials don't have much fatigue strength and a heavily loaded engine can have enough rod bore flex under load to fatigue the overlay material and cause fractures.

CORRECTIVE ACTION

1. If the service life for the old bearing was adequate, replace with the same type of bearing to obtain a similar service life.
2. If the service life of the old bearing was too short, replace with a heavier duty bearing to obtain a longer life.
3. Replace all other bearings (main, connecting rod and camshaft) as their remaining service life may be short.
4. Switch to Clevite H-Series racing bearings if available.

Excessive crush

APPEARANCE

Bearing may have localized polishing or wear near the parting lines or adjacent to an oil hole. Contact frequently appears in an “X” shape pattern when at an oil hole.

DAMAGING ACTION

Bearing wall increased in thickness due to upset (yielding) of the steel back. This causes localized shaft contact with resulting polishing and wear.

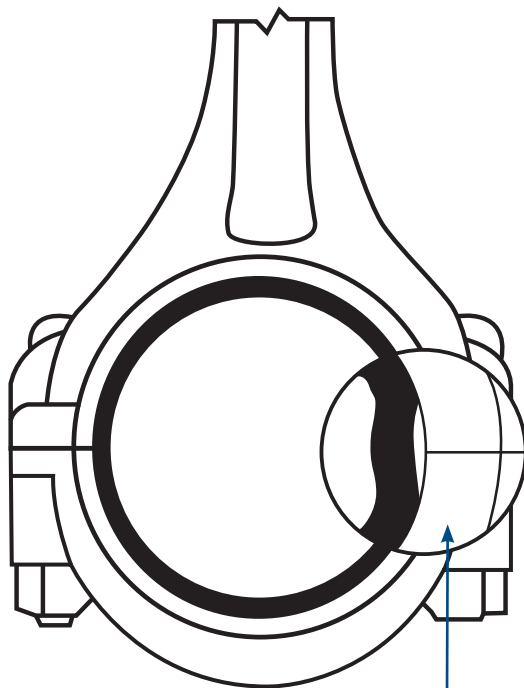
POSSIBLE CAUSES

Bearings are designed to be a slight interference fit in their housing bore. Bearing “crush”, which is designed into the bearing, controls this. Installing a bearing in an undersize housing hole increases

crush and will cause the steel back to yield and get thicker at the point of least resistance. This is generally at an oil hole or adjacent to the parting lines if there is no hole.

CORRECTIVE ACTION

1. Verify that the bearing installed was correct for the application.
2. Inspect housing for correct size within manufacturers limits and resize as required.
3. All Clevite bearings are designed with maximum crush to provide the greatest amount of retention. Never try to reduce clearance by installing a bearing in a housing smaller than the minimum size specified.



Excessive crush



Bent or twisted connecting rod

APPEARANCE

Bent rods will exhibit heavy wear on diagonally opposite sides of each shell, typically in an edge-loaded pattern. Twisted rods will exhibit wear running diagonally across the bearing surface.

DAMAGING ACTION

A bent or twisted connecting rod results in misalignment of the bore, causing the bearing to be cocked so the bearing edge makes metal-to-metal contact with the journal which can cause excessive wear on the bearing surface.

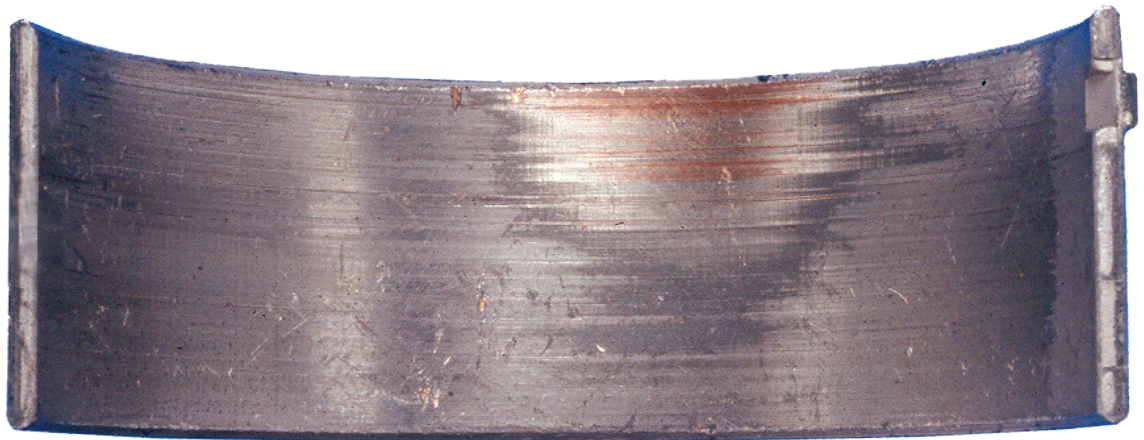
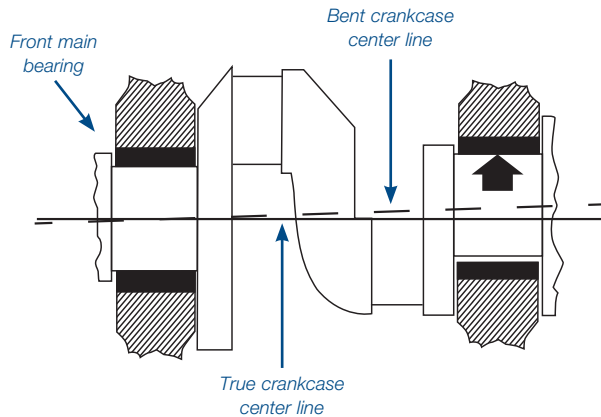
POSSIBLE CAUSES

The most common cause of a bent rod is a previous engine failure such as a blown head gasket, allowing the cylinder to fill with coolant or a dropped valve causing a piston and rod to go under extreme load, resulting in rod deformation.

A twist is most likely introduced during the manufacturing or reconditioning process if upper and lower bores are not maintained parallel.

CORRECTIVE ACTION

1. Bent and twisted rods must not be re-used but either repaired or replaced. Re-use will result in the same failure.
2. Install new bearings, following proper cleaning procedures.



Oil starvation / marginal oil film

APPEARANCE

This failure is very common, but difficult to diagnose, especially for a person not seeing many bearing failures. The reason is the progression from early stage scratching from the journal surface penetrating the oil film and contacting the bearing, to ultimate failure (hot short) which may occur quickly and all inside the engine. Distress generally starts at the center of the bearing and progresses toward the outer edges.

DAMAGING ACTION

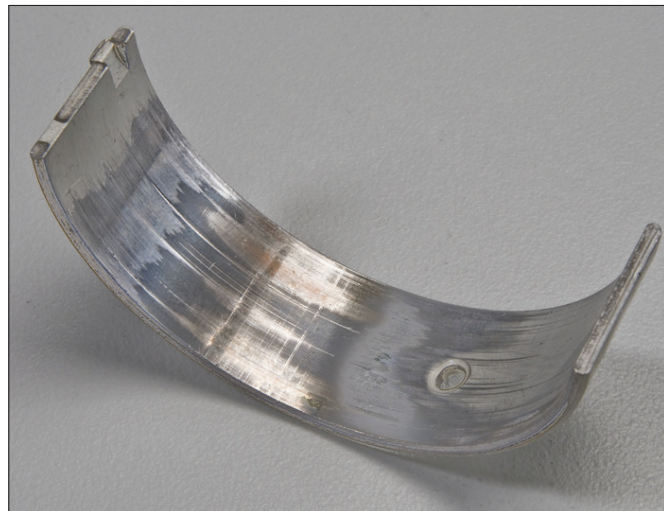
The absence of a sufficient oil film between the bearing and the journal allows for metal-to-metal contact. The resulting wiping action causes premature bearing failure.

POSSIBLE CAUSES

1. Too little bearing oil clearance
2. Too much bearing clearance combined with heavy loads
3. Amount, quality and viscosity of the oil
4. Oil delivery or oil pressure issues
5. Misassembled parts blocking off oil holes
6. Dry start / no pre-lube
7. High cylinder pressure causing reduced oil film thickness

CORRECTIVE ACTION

1. Double-check all measurements taken during the bearing selection procedure to catch any errors in calculation. This can be done during assembly with Clevite Plastigage®
2. Check to be sure that the replacement bearing is the correct one for the application.
3. Check the journals for damage and regrind if necessary.
4. Check the engine for possible blockage of oil passages, oil suction screen and oil filter.
5. Check the operation of the oil pump and pressure relief valve.
6. Be sure that the oil holes are properly indexed when installing the replacement bearings.
7. Make sure the oil quality, additive base and viscosity is correct for the application.
8. Always prime the lubrication system before the engine is started for the first time.
9. Install new bearings, following proper cleaning procedures.



Polymer coated bearings

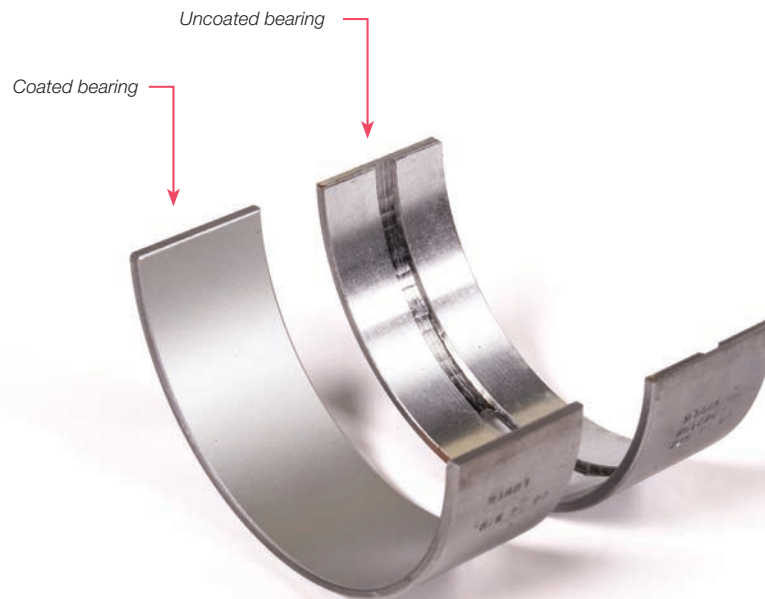
Increasing bearing demands on modern engines such as downsizing, turbocharging, and stop-start operation puts increased focus on load capacity, wear and seizure resistance. MAHLE OE engineers developed a proprietary polymer coating to combat additional engine bearing wear. This same MAHLE OE technology is now available for the aftermarket!

In order to counteract this increased wear and associated failure of the components, MAHLE has applied a functional polymer lubricant layer, made up of a high performance polyamide imide, a solid lubricant, and metal particles, to the running surface of the bearing. This combination provides excellent mechanical strength and outstanding thermal and chemical resistance.

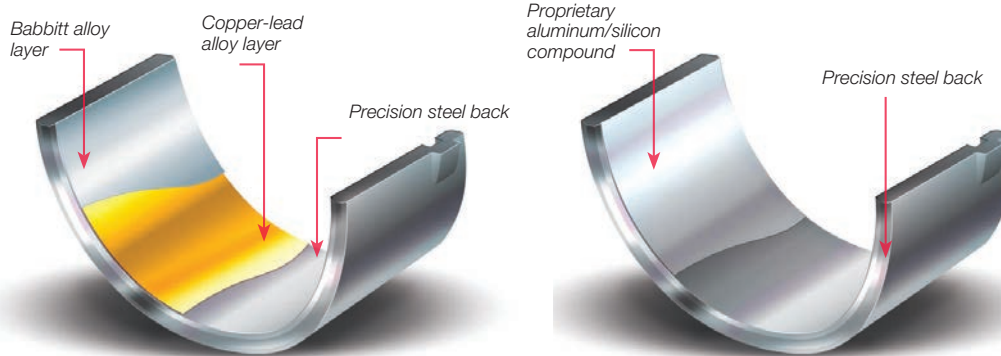
The coating protects the bearing shells against direct metal-to-metal contact. Homogeneously distributed metallic particles, aligned in the running direction on the surface, provide very good wear resistance, mechanical strength, and thermal conductivity.

Tribological testing at MAHLE has shown that bearings coated in this manner are over 15 times more wear resistant than uncoated bearings. This is a significant improvement that contributes to the ability of current and future engine design measures to reduce consumption and emissions without increasing wear.

Polymer bearings will be noted in the catalog where used.



TriMetal™ or BiMetal™ bearings?



Insert bearings provide a conveniently replaceable wear surface that allows salvage of the mating journal by regrinding to a new undersize diameter. Unless severely damaged, crankshafts are commonly reclaimed through the use of bearing shells manufactured to precision tolerances to fit a standardized array of journal undersizes. Depending on the original dimensioning practice of the engine components, undersizes are available in either inch or metric sizes as noted in the catalog listing.

It would be extremely convenient for the manufacturers of engine components and engine rebuilders alike if all engines were able to use the same bearing shells. Unfortunately, differences in engine displacements and power output levels typically require unique bearings for each engine family. These bearings not only differ in their dimensional attributes to allow them to properly fit with mating engine components, they must also provide differing performance capabilities to allow them to provide trouble free service throughout the expected service life of the engine. Different bearing materials and types of construction provide a selection of bearing performance characteristics to suit various operating conditions and applications.

As engine designs evolved greater demands were placed on crankshaft bearings. These demands fall into a number of bearing performance categories.

The **first** of these is surface behavior or **“SURFACE ACTION.”** This is a measure of the compatibility of the bearing surface with that of the mating journal. Within this category are three bearing characteristics that make up a bearing’s overall surface behavior, they are:

1. “Slipperiness” or the ability to minimize friction while sliding over the journal without causing wear to either surface.
2. “Embedability” is the ability to absorb dirt and engine wear particles into the bearing surface and render them harmless. (See figure 1).
3. “Conformability” which permits a bearing surface to break-in or conform to the geometry and alignment imperfections of its installation.

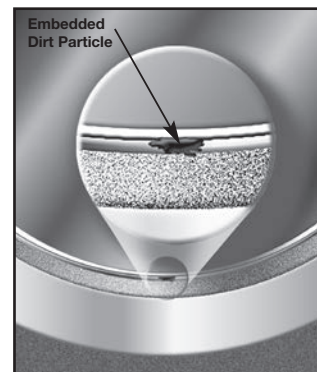


Figure 1

TriMetal vs. BiMetal

The **second** is **“LOAD CARRYING.”** This is the ability to withstand engine operating loads for long periods. Within this category are:

1. “Fatigue Strength” which is the linings ability to resist cracking and flaking under the cyclic loads imposed by the dynamics of engine operation.
- 2, “Corrosion Resistance” which is the lining materials ability to resist chemical attack from acids resulting from oil break-down and by-products of combustion. Acid attack can weaken the material structure making the lining more susceptible to fatigue.

Third is **“THERMAL PROPERTIES.”** These are:

1. “Temperature Resistance” or the ability to maintain all other properties at engine operating temperatures.
2. “Thermal Conductivity,” or the ability to conduct heat away from the bearing surface.

Bearings function on the principal that dissimilar materials will have less tendency to seize with each other than similar materials. The first commonly used bearing material was an alloy of lead, tin, antimony and arsenic called “babbitt” which was named after its inventor. Babbitt has physical properties similar to solder. It’s soft which allows it to conform to minor imperfections in geometry and alignment of mating parts. This softness also allows babbitt to absorb dirt and wear particles that might pass through the bearings clearance space. Babbitt is also very slippery which minimizes friction in the absence of oil during startup.

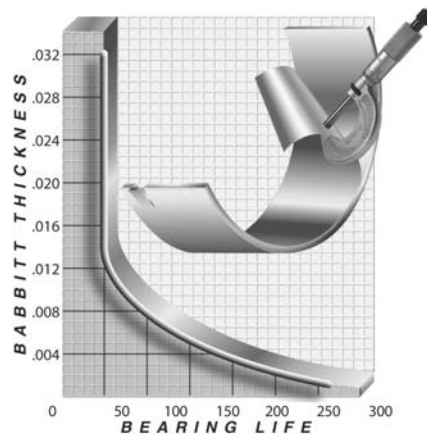
Although babbitt is the best bearing material based on its surface behavior, it has one serious shortcoming. By itself, in thick layers, babbitt cannot carry high loads for long periods. Under the repeated cyclic loading of an internal combustion engine babbitt will break up and flake out. This reaction to cyclic loading is called “Fatigue.”

Bearings are typically constructed with a steel backing to provide support and allow the bearing shells to be an interference fit with their housing. This provides retention and prevents movement under the dynamics of engine operation. Nearly all modern bearings fall into one of two categories based on their type of construction:

1. Bimetal: a steel back with a single layer of multipurpose lining material
2. Trimetal: a steel back with an intermediate layer for strength and a surface layer for bearing surface properties.

The earliest insert bearings were bimetal construction with a lining of babbitt. As mentioned above, although babbitt offered optimum surface behavior, it lacked fatigue strength. It was found however, that the fatigue strength of babbitt could be significantly improved by reducing its thickness (see figure 2). This principal is employed in two alternate types of construction. Bimetal “MICRO BABBITT” bearings use a thinner layer of babbitt lining to provide better fatigue resistance, and trimetal bearings which use an extremely thin

Figure 2



electroplated overlay layer of babbitt over a stronger intermediate layer to combine the surface properties of babbitt with the greater fatigue strength of the intermediate layer. An alloy of copper, lead and tin is the most

commonly used intermediate layer. Casting this alloy onto the steel backing provides fatigue strength approximately 20% greater than the alternate powdered metal process referred to as sintering. Clevite® TriMetal™ engine bearings feature a cast copper-lead intermediate layer for the greatest load carrying capacity available.

Original Equipment bearings have employed all of the popular types of materials and construction over the years. Bimetal babbitt, bimetal copper-lead, bimetal aluminum, trimetal copper-lead and trimetal aluminum have all been used at various times in numerous applications. Just like the unique dimensions mentioned earlier, which make each bearing specific to its intended application, a specific material and type of construction is also specified.

Trimetal bearing construction employing a cast copper-lead intermediate layer provides the best overall combination of all of the bearing properties described above. The vast majority of Clevite® engine bearings are this type. In many cases this material and construction duplicate Original Equipment specifications. For example, heavy duty diesel engines nearly all use TriMetal bearings. In fact, this type of construction commonly allows HD diesels to enjoy service life in the range of 500,000 miles or more. Although some HD Original Equipment bearings use an aluminum alloy intermediate layer, the majority use cast copper lead. In many cases Clevite® TriMetal™ engine bearings are an upgrade from a bimetal type used in Original Equipment. This has earned Clevite the reputation of being the ultimate high performance bearing as attested to by its popularity in motorsports such as NASCAR® and NHRA® Top Fuel classes as well as other forms of racing.

A recent trend in Original Equipment passenger and light truck applications has been toward the use of aluminum alloy based bimetal bearings. These offer original engine manufacturers a lower cost alternative by eliminating the electroplating operation necessary in the manufacture of

trimetal bearings. These bimetal aluminum alloy bearings typically employ a lining material consisting of a high percentage of aluminum combined with tin to provide some surface action and a small percentage of silicon for wear resistance (see figure 3.) The use of a single multipurpose lining represents a compromise in the bearing qualities outlined above. These compromises are generally acceptable for the typical light duty demands of passenger car and light truck service.

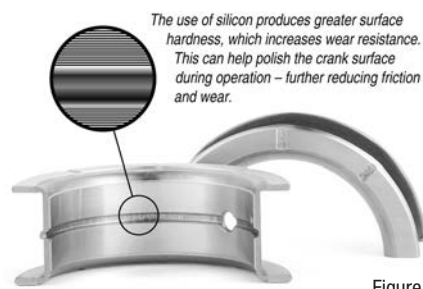


Figure 3

Clevite® “AS” BiMetal™ engine bearings (part numbers with a suffix letter A) are of aluminum, tin, silicon bimetal type of material and construction. These offer the engine rebuilder an OE type of bearing for engines going into light duty applications. They are only recommended for applications where all engine components have been reconditioned to engine manufacturers original specifications. Their use is not recommended for heavy duty service where heavy demands are placed on the engine or high performance applications where Clevite TriMetal™ is still the ultimate performance choice.

No single material is perfect for every application. different bearing materials have different advantages in terms of resistance to corrosion, rate of wear and fatigue strength. Engine operating conditions must be considered when selecting bearings.

How much clearance do your bearings need?

How much clearance do I need for my rod, main or camshaft bearings? This is one of the most frequently asked questions. Unfortunately, there isn't one simple answer that suits every case. Engine application, lubricant selection and operating conditions will dictate different clearance levels. This isn't to say we can't generalize on at least a starting point.

First, let's define how and where clearance should be measured. Half shell rod and main bearings do not have a uniform wall. The wall is thickest at 90 degrees from the split and drops off a prescribed amount toward each parting line, depending on the bearings intended application. This drop off is called "Eccentricity." In addition, there is a relief at the parting lines. Eccentricity is used to tailor the bearing shell to its mating hardware and to provide for hardware deflections in operation. Eccentricity also helps to promote oil film formation by providing a wedge shape in the clearance space. The relief at each parting line insures that there will not be a step at the split line due to bearing cap shift or the mating of bearing shells that differ slightly in thickness within allowed tolerance limits. (See figure 1.)

For these reasons, bearing clearances are specified as "vertical clearance" and must be measured at 90 degrees to the split line. The best method of measurement is with a dial bore gage that measures the bearing inside diameter when the bearings are installed at the specified torque without the shaft in place. Measurements should be taken at front, center and rear of each bearing position. Another common method of checking clearance is through the use of Clevite® Plastigage®. (See figure 2.)

For most applications .00075 to .0010" (three quarters to one thousandth of an inch) of clearance per inch of shaft diameter is a reasonable starting point. For example a 2.000" shaft diameter would require .0015 to .0020" bearing clearance. ($.00075 \times 2.000" = .0015"$ and $.0010 \times 2.000" = .0020"$) Using this formula will provide a safe starting point for most applications. For high performance engines it is recommended that .0005" be added to the maximum value determined by the above calculation. The recommendation for our 2.000" shaft would be .0025" of clearance.

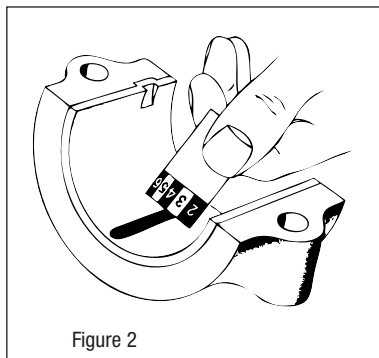


Figure 2

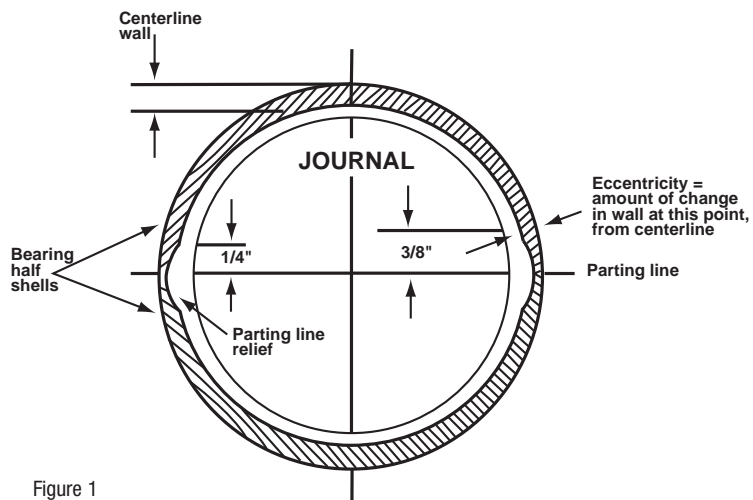


Figure 1

Remember however, that these are only recommended starting points. The engine and its application will tell us where to go from these starting points. For example, a passenger car engine assembled at .0010" per inch of shaft diameter might turn out to be noisy on start-up, especially if the engine has an aluminum block. Most passenger car engines are originally assembled by "select fitting" to achieve clearances that are less than what would result from random selection of mating parts. This is because the stack-up of manufacturing tolerances on the mating parts may exceed the acceptable level for control of noise and vibration. In addition, most new passenger car engines are now designed to use 5W-30 weight oils to reduce HP loss and conserve energy. These lighter weight oils are capable of flowing more freely through tighter clearances.

Let's pick some typical manufacturing tolerances and look at the potential clearance range that results. A tolerance range (from min. to max. sizes) of .0010" is typical for most crankshaft journals as well as both rod and main bearing housing bores. If the engine uses bimetal bearings the wall tolerance is .0003" per shell or .0006" in total. Adding these up we get .0010" for the housing + .0010" for the shaft + .0006" for the bearings = .0026" total clearance variation possible due to mating part manufacturing tolerances. If our minimum assembled clearance is just .0005" this makes the maximum possible .0031." (.0005" min. + .0026 tolerance range = .0031" max.) For normal passenger car application .0031" of bearing clearance would generally be too much. However, if we take the same engine, let's say a small V-8, and put it in a truck used to pull a camping trailer and use a heavier weight oil, the larger clearance would be more acceptable.

Clearance is also somewhat of a safety factor when imperfections in alignment and

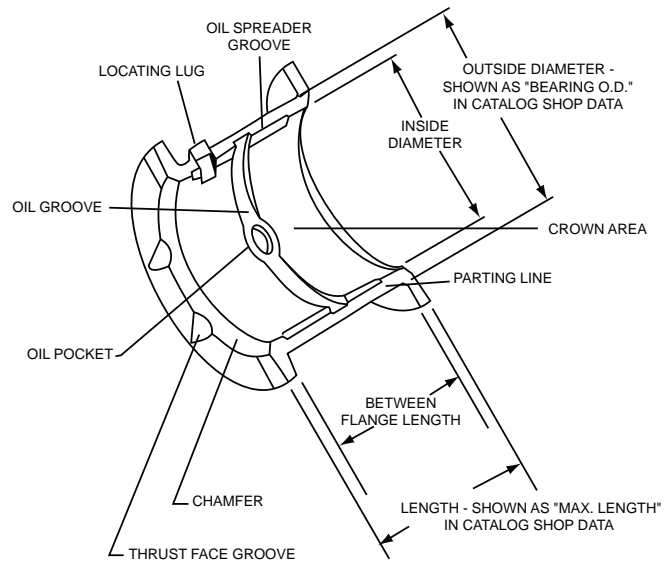
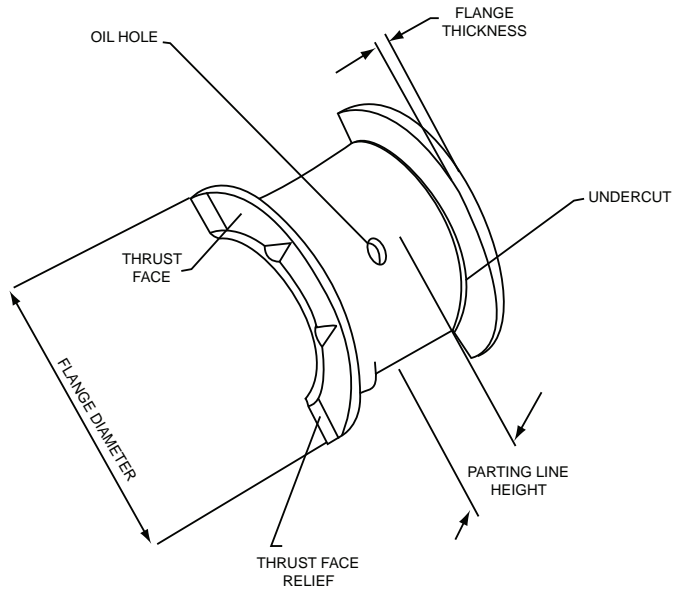
component geometry creep in. As surfaces are more perfectly machined and finished, sensitivity to oil film break down is reduced and tighter clearances can be tolerated. Tighter clearances are desirable because they cause the curvature of the shaft and bearing to be more closely matched. This results in a broader oil film that spreads the load over more of the bearing surface thus reducing the pressure within the oil film and on the bearing surface. This will in turn improve bearing life and performance. Typically a used bearing should exhibit signs of use over 2/3 to 3/4 of its ID surface in the most heavily loaded half. (Lower main and upper rod halves.)

Clearance is just one of many variables that effects bearing performance. In addition, things like oil viscosity, which is determined by oil type and grade selection, engine operating temperature, oil pressure, engine RPM, oil hole drillings in both the block and crankshaft, bearing grooving and other bearing design features all interrelate in the function of an engines lubricating system.

Lighter weight oils have less resistance to flow, consequently their use will result in greater oil flow and possibly less oil pressure, especially at larger clearances. All oils thin out as they heat up; multi-grade oils, however, don't thin out as rapidly as straight grades. Original Equipment clearance specifications are necessarily tight due to the use of energy conserving light-weight oils, relatively high operating temperatures and a concern for control of noise and vibration, especially in aluminum blocks.

Bearing clearance is not a subject that can be addressed without taking into account numerous variables including; geometry of the parts, oil viscosity, oil temperature, engine load, shaft diameter, bearing coatings and one's own ability to accurately measure and assess these variables.

Bearing Nomenclature



Crankshaft grinding and polishing

Crankshaft journal surfaces should be ground and polished to a surface finish of 15 micro inches roughness average Ra or better. Journals on highly loaded crankshafts such as diesel engines or high performance racing engines require a finish of 10 micro inches Ra or better.

The above is a simple straight forward specification which can be measured with special equipment. However, there is more to generating a ground and polished surface than just meeting the roughness specification. To prevent rapid, premature wear of the crankshaft bearings and to aid in the formation of an oil film, journal surfaces must be ground opposite to engine rotation and polished in the direction of rotation. This recommendation can cause a great deal of confusion in actual execution. Understanding the reasons behind the recommendation and examination of the following illustrations will help make the recommendation more clear.

Metal removal tends to raise burrs. This is true of nearly all metal removal processes. Different processes create different types of burrs. Grinding and polishing produces burrs that are so small that we can't see or feel them but they are there and can damage bearings if the shaft surface is not generated in the proper way. Rather than "burrs," let's call what results from grinding and polishing "microscopic fuzz." This better describes what is left by these processes. This microscopic fuzz has a grain or lay to it like the hair on a dog's back. Figure 1 is an illustration depicting the lay of this fuzz on a journal. (Note: All figures are viewed from nose end of crankshaft.) The direction in which a grinding wheel or polishing belt passes over

the journal surface will determine the lay of the micro fuzz.

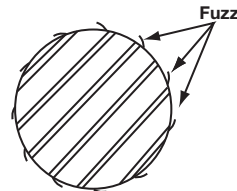


Figure 1
Journal illustrating fuzz from grinding and polishing.

In order to remove this fuzz from the surface, each successive operation should pass over the journal in the opposite direction so that the fuzz will be bent over backward and removed. Polishing in the same direction as grinding would not effectively remove this fuzz because it would merely lay down and then spring up again. Polishing must, therefore, be done opposite to grinding in order to improve the surface.

In order to arrive at how a shaft should be ground and polished, we must first determine the desired end result and then work backwards to establish how to achieve it. Figure 2 depicts a shaft turning in a bearing viewed from the front of a normal clockwise rotating engine. The desired condition is a journal with any fuzz left by the polishing operation oriented so it will lay down as the shaft passes over the bearing (Figure 2).

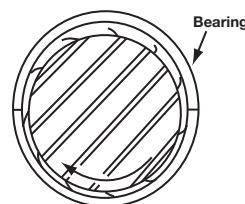


Figure 2
Journal rotating in bearing with the grain of the fuzz.

Crankshaft grinding

The analogy to the shaft passing over the bearing is like petting a dog from head to tail. A shaft polished in the opposite direction produces abrasion to the bearing which would be like petting a dog from tail to head. To generate a surface lay like that shown in Figure 2, the polishing belt must pass over the shaft surface as shown in Figure 3.

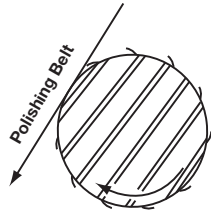


Figure 3
Direction polishing belt should pass over journal and grain of fuzz which results.

The direction of shaft rotation during polishing is not critical if a motorized belt type polisher is used because the belt runs much faster than the shaft. Stock removal during polishing must not exceed .0002" on the diameter.

Having determined the desired surface lay from polishing, we must next establish the proper direction for grinding to produce a surface lay opposite to that resulting from polishing. Figure 4 shows the grinding wheel and shaft directions of rotation and surface lay for grinding when viewed from the front or nose end of the crankshaft. This orientation will be achieved by chucking the flywheel flange at the left side of the grinder (in the headstock). Achieving the best possible surface finish during grinding will reduce the stock removal necessary during polishing.

The surface lay generated by grinding would cause abrasion to the bearing surfaces if left unpolished. By polishing in the direction shown in figure 3, the surface lay is reversed by the

polishing operation removing fuzz created by grinding and leaving a surface lay which will not abrade the bearing surface.

Nodular cast iron shafts are particularly difficult to grind and polish because of the structure of the iron. Nodular iron gets its name from the nodular form of the graphite in this material. Grinding opens graphite nodules located at the surface of the journal leaving ragged edges which will damage a bearing. Polishing in the proper direction will remove the ragged edges from these open nodules.

All of the above is based on normal clockwise engine rotation when viewed from the front of the engine. For crankshafts which rotate counterclockwise, such as some marine engines, the crankshaft should be chucked at its opposite end during grinding and polishing. This is the same as viewing the crank from the flanged end rather than the nose end in the accompanying figures.

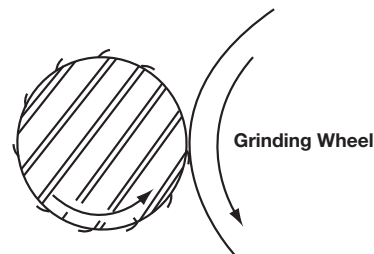


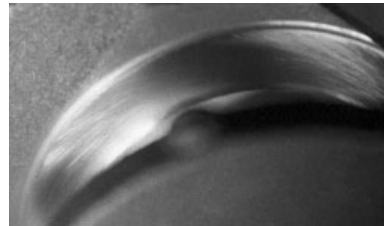
Figure 4
Directions of shaft and grinding wheel rotation and lay of fuzz which results.

Thrust face surface grinding and polishing

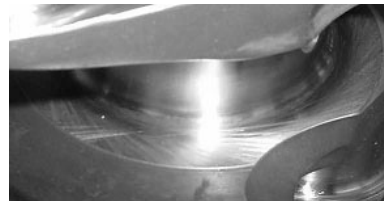
Crankshaft surface finish and shape are key factors affecting the performance of all bearings. These factors become even more critical for thrust surfaces. As in any bearing, increased loading reduces oil film thickness between shaft and bearing surfaces. This is a much more critical situation in thrust bearings due to their flat faces which make formation of an oil film extremely difficult. Radial bearings (those which carry loads in a radial direction like rod and main bearings) form a natural wedge where shaft and bearing surfaces come together in the clearance space. Shaft rotation pulls a wedge of oil into the loaded area of the bearing and forms an oil film that supports the load.

Thrust faces, on the other hand, are made up of two flat surfaces that do not form a natural wedge where they meet. In order to help form an oil film, artificial wedge shaped areas are machined into the bearing surfaces at the ends and sometimes adjacent to the grooves. In spite of all the common design efforts, thrust bearings still run on a much thinner film of oil that makes crankshaft surface finish critical in the successful performance of these bearings.

Obtaining a good finish on the thrust face of a crankshaft is difficult to do because it uses side-wheel grinding. Side grinding causes marks that spiral outward toward the OD of the thrust face and may also cause crosshatch marks resembling honing patterns. Both patterns are detrimental to the formation of an oil film because they work like wipers as the shaft rotates. Grinding marks must be removed by polishing. Only a circular pattern should remain. Surface finish should be checked in a tangential direction and must be held to 10 Ra max. The thrust surface should be flat within .0002" max.



avoid - swirl pattern



avoid - crosshatch pattern

Preventing premature cam bearing failure

To meet the demands of higher loads and operating temperatures in modern engines, babbitt has been replaced by an alloy of aluminum. This aluminum alloy is much stronger than babbitt and will withstand several times the load. However, this added strength is obtained at the expense of some of the more forgiving properties of babbitt. The aluminum alloy is harder, making it somewhat less compatible with dirt, misalignment and marginal lubrication. This is typical of the compromises or trade offs that are frequently necessary when selecting a bearing material to suit the requirements of a specific application and in this case, higher loading.

Typically, whenever a higher level of loading is encountered, greater precision is required to maintain reliability. Conditions such as cleanliness, alignment, clearances, journal surface finishes and lubrication must all be controlled more closely. The following are some recommendations to help optimize performance when using aluminum alloy camshaft bearings.

Sufficient clearance is necessary in the initial installation. These stronger bearings will not wear in rapidly to make their own clearance like softer babbitt materials. Minimum clearance should be .002". Because of the stack up of tolerances on the block, shaft and bearing it is impossible to control clearance to this range in the manufacture of the bearing alone. Clearances must be measured at installation.

Honing the IDs of cam bearings to increase clearance is not recommended because hone

grit may become embedded in bearing surfaces that will cause shaft wear. Bearing IDs may be reamed, but the most practical means is to adjust camshaft journal diameters by grinding the journal. Even if not ground to provide additional clearance, camshaft bearing journals should be polished to the proper surface finish with the camshaft rotating in the same direction it will rotate in the engine.

Like clearance, alignment is also extremely important especially for high performance applications. Any block that has needed to have its main bearing bore alignment corrected due to distortion is likely to have experienced cam bearing bore distortion as well. Adequate clearance can help compensate for minor misalignment of less than .001".

Installation of bearings into the block must be done with care to avoid shaving metal off the backs of the bearings. This galling action may cause a build-up of metal between the bearing OD and the housing bore which will result in a reduction in clearance. To prevent galling, check housing bores for a proper 25 to 30 degree lead-in chamfer before installing cam bearings. On blocks without grooves behind the cam bearings, care must be taken to insure that oil holes line up between the bearings and block. Where the block has a groove behind the bearing, the bearing should be installed with the oil hole at the 2 o'clock position when viewed from the front for normal clockwise camshaft rotation. This will introduce oil into the clearance space outside of the loaded area and allow shaft rotation to build an oil film ahead of the load.

Installation and fitting tips

When measuring bearings, measurements should always be taken at 90 degrees to the parting line to determine the minimum clearance.

If measuring the bearing wall thickness, use a special micrometer with a ball anvil to fit the curvature of the bearing ID. The best way to determine bearing clearance is to measure the bearing ID with the bearings installed in the housing and the bolts torqued to the specified assembly torque. Use a dial bore gage to measure the bearing ID at 90 degrees to the parting line, then subtract shaft size from bearing ID to determine clearance. If the dial bore gage is zeroed at the actual diameter of the crankshaft journal to be installed, the dial bore gage will then read clearance directly and the subtraction calculation can be eliminated. About .001" clearance per inch of shaft diameter is a good rule of thumb for clearance. Increasing the total by about .0005" will add a little margin of safety when starting out, especially for rods. Example: $.001" \times 2.100 = .0021"$ then add .0005", so starting out set clearance at .0026" for a 2.100 shaft.

If clearance adjustments need to be made, use either an extra clearance part for more clearance, or an undersize part for less clearance. It is permissible to mix sizes if less than .001" adjustment in clearance is desired. When mixing sizes for select fitting never mix parts having more than .0005" difference in wall size, and always install the thickest wall shell in the upper position if installing a rod bearing, or the lower position if installing a main bearing. When working with a reground shaft always measure assembled bearing IDs first and have the shaft sized to produce the desired clearance since

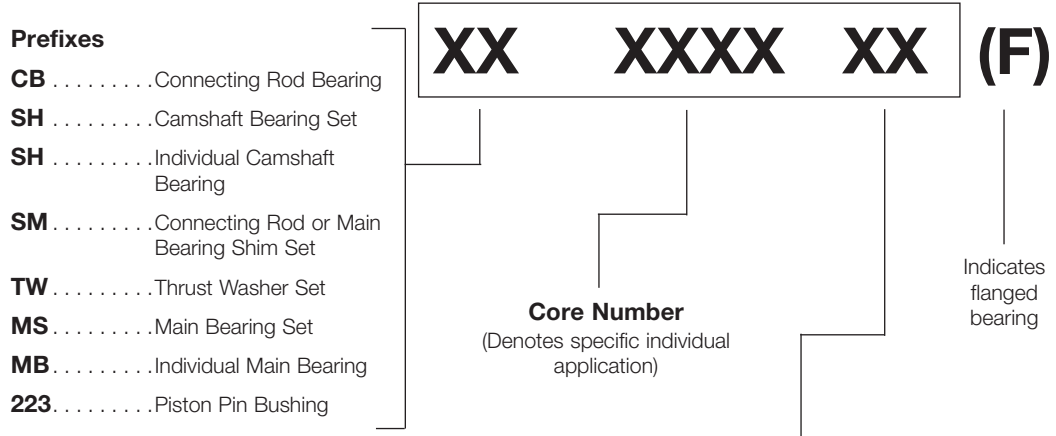
there are no extra clearance parts available for undersize shafts.

When measuring a bearing ID or wall thickness avoid measuring at the parting line. As the "Bearing Design" diagram illustrates there is a parting line relief machined into nearly all bearing shells. This relief is to allow for any mis-match between upper and lower shells due to tolerance differences, or possibly resulting from cap shift or twist during assembly. To determine bearing wall eccentricity or assembled bearing ID ovality, measure at a point at least 3/8" away from the parting line.

When installing any bearing DO NOT ATTEMPT TO POLISH THE BEARING RUNNING SURFACE WITH ANY TYPE OF ABRASIVE PAD OR PAPER.

Bearing overlay layers are extremely soft and thin, typically .0005" on high performance parts. These thin layers can easily be damaged or removed by abrasive media. Because the overlay layer is electroplated, it may exhibit microscopic plating nodules that make it feel slightly rough. The nodules are the same material as the rest of the plated layer and will quickly be flattened by the shaft. Bearing surfaces can be lightly burnished with solvent and a paper towel if desired.

Part Number Identification



Suffixes

A

Steel backed lead free aluminum silicon alloy bearings without overlay.

AL

Solid cast aluminum alloy bearings (material designation AL-1) or steel backed bearings with an aluminum alloy lining (material designation AL-3, AL-4, AL-5, AL-6). Precision undersize bearings are not resizable. AL-1 semi bearings are resizable to standard size.

AP

See definitions for "A" and "P" suffixes.

B

Steel backed bearings with a conventional babbit lining. Precision undersizes are not resizable. B-60 bearings are resizable to standard size (material designation B-1).

C

Steel backed bearings with a copper-lead lining. Precision undersizes are not resizable. C-60 bearings are resizable to a standard size (material designation C-1).

G

Steel backed bearings with a matrix of copper and an infiltrant of lead-tin babbitt. Precision undersizes are not resizable. G-60 bearings are resizable to standard size (material designation C-1).

P

Steel backed bearings with an intermediate layer of copper-lead alloy and an electroplated lead-tin-copper overlay. Precision undersizes are not resizable (material designation TM-1, TM-, TM-112).

R

Indicates that the bearing can be resized to standard. When following a camshaft bearing, indicates that it has extra bore stock in the inside diameter. All other camshaft bearings are precision type (material designation B-1, C-1, AL-3).

S

Indicates a set number designation.

W

Indicates a part that is a thrust washer (may also be designated upper or lower).

Bearing Material Designations & Terminology

AL-1

Solid cast aluminum alloy.

AL-3

Steel backed aluminum alloy without overlay.

AL-4

Steel backed aluminum alloy with babbitt overlay.

AL-5

Steel backed lead-free aluminum silicon alloy without overlay

AL-6

Steel backed aluminum silicon alloy without overlay

B

Rolled Bronze.

B-1

Steel backed tin or lead base conventional babbitt (nominal .020" thickness).

B-2

Steel backed tin or lead base with a Micro-Babbitt lining (nominal .006" thickness).

C-1

Steel backed copper-lead matrix without overlay.

TM-1

Steel backed copper-lead matrix with overlay.

TM-77

Steel backed bearings with an intermediate layer of copper-lead alloy and an electro-plated lead-base overlay. Precision undersizes are not resizable.

TM-112

Steel backed bearings with an intermediate layer of copper-lead alloy and an electro-plated lead-base overlay. Precision undersizes are not resizable.

Bearing Outside Diameter Or Housing Bore

The minimum to maximum diameter of the hole in the engine block or the connecting rod.

Crush

When the bearing half is in its place in the housing bore, there is a slight bit of material that extends above the housing bore. When the assembly is torqued to proper specification, force is then exerting onto the OD of the bearing causing a press fit. Crush also aids in bore distortion, and heat transfer by increasing the surface contact with the bearing and the bore. The amount of crush will vary depending on application.

Eccentricity

A gradual reduction in the bearing wall thickness starting at the crown and ending at approximately .380" from the parting lines.

Full Annular Grooved

Bearings having an oil groove cut from parting line to parting line in the internal surface of the half shell. When two grooved halves are joined, this creates a groove in the internal surface around the total circumference of the bearing.

Maximum Bearing Length

The maximum length that the bearing may have (including the flange when it applies). The actual length is usually less than this value.

Maximum Wall At Crown

The maximum thickness of the bearing wall at 90° from the parting lines. The actual thickness is usually less than this value.

Standard Shaft Diameter

The minimum to maximum size of the standard main crankshaft journal, connecting rod journal or camshaft journal.

Vertical Oil Clearance

The difference between the assembled inside diameter of the bearing and the outside diameter of the shaft, measured at 90° from the bearing parting lines.

Bolt Boots, Bearing Guard and Plastigage

Clevite® Bolt Boots

Clevite bolt boots protect journal surfaces during engine assembly, preventing crankshaft damage. Shipped with 2 per bag and sold in cartons of 48 bagged pairs only.

2800-B1 (quantities of 48 only)

Clevite® Bearing Guard

Clevite Bearing Guard is specially formulated to provide proper lubrication for all engine components during assembly and the first crucial moments of operation after engine start-up. Bearing Guard has an Extreme Pressure (EP) rating for the most severe applications.

2800-B2 8oz bottle (quantities of 12 only)

2800-B4 1 gallon jug (sold individually)

2800-B5 1-1/3 oz. package (quantities of 50 only)

2800-B15 15 gallon drum (sold individually)

CL-400 4oz bottle (Cam Guard) (quantities of 12 only)

Clevite® Plastigage

Plastigage was designed as a final check of total vertical oil clearance during reassembly. It was not meant as a replacement for properly measuring crankshaft journals, housing bores or bearing dimensions before engine reassembly with accurate mics and gauges.

To properly use Plastigage during reassembly, readings should be taken on the bearing cap half shell while the weight of the crankshaft or piston and rod assembly is supported by the other half shell.

Place a small amount of oil on the crankshaft journal only where the Plastigage will be placed and wipe any excess oil off with a clean rag. This will result in a more accurate reading by preventing the PLASTIGAGE from sticking to the journal.

Place a strand of Plastigage across the length of the journal parallel to the crankshaft.

Set the cap in place and tighten bolts to the proper OEM torque specification. NOTE: if the crankshaft is moved at this point it will smear the Plastigage, resulting in inaccurate readings.

Carefully remove the cap and measure the crushed Plastigage using the graduations printed on the package. Measure the crush along the entire length of the Plastigage, noting the highs and lows for proper clearance.

After you have made your measurements, carefully remove the crushed Plastigage from the components without scratching the bearing or the journal.

Clevite® Plastigage is available in four different sizes to check total vertical oil clearance on connecting rod and main bearings. Each package has a measuring scale printed in inches and millimeters. Strips are color coded for easy size identification and are soluble in oil.

MPG1 .001" — .003" (.025 — .075mm) Green*

MPR1 .002" — .006" (.050 — .15mm) Red*

MPB1 .004" — .009" (.10 — .23mm) Blue*

MPY1 .009" — .020" (.23 — .50mm) Yellow*

(*Sold in quantities of 12 strips only)



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L'utilisation de paliers de moteur Clevite®, des joints d'étanchéité MAHLE Original®, des pistons et des bagues dans des avions ou d'autres types d'équipement spécialisé peut contrevenir aux lois et aux différentes réglementations municipales, provinciales ou fédérales.

Ces produits ont été conçus uniquement pour les véhicules automobiles. En AUCUN cas, ces produits ne doivent être utilisés pour des applications autres que les véhicules automobiles, notamment, sans toutefois s'y limiter, des moteurs d'avion, du matériel médical, des dispositifs ou des réacteurs d'énergie atomique.

« Les lois municipales, provinciales et fédérales restreignent le retrait, la mise hors de fonctionnement et, dans certains cas, la modification des dispositifs ou des systèmes antipollution installés en usine. L'État de la Californie limite l'utilisation de pièces qui pourraient accroître les émissions des véhicules

conçus pour circuler sur les voies ou autoroutes publiques. Il est interdit de vendre voire d'installer sur des véhicules dotés d'un système antipollution, des composants antipollution non approuvés par le California Air Resources Board (CARB) qui modifient la conception ou la performance d'origine du système de contrôle des émissions des véhicules. Certaines pièces figurant dans ce catalogue peuvent être assujetties à de telles restrictions. Ces pièces sont destinées uniquement aux véhicules hors route utilisés dans des épreuves de compétition ou à d'autres types de véhicules non touchés par les lois en vigueur sur le contrôle des émissions. L'installation ces pièces sur des véhicules assujettis aux lois sur le contrôle des émissions peut être interdite.

MAHLE Aftermarket recommande de prendre connaissance des lois en vigueur sur le contrôle des émissions avant de procéder à l'installation de pièces complémentaires ou modifiées ».

Ce catalogue de paliers répertorie les paliers de rechange des pièces d'origine (OE) CleviteMD pour les applications automobiles et camions domestiques et d'importation. Ils sont organisés en séquence alphabétique avec le nom du fabricant figurant en caractères gras sur la marge extérieure de chaque page L'index, au début de ce catalogue, aidera à localiser facilement le fabricant souhaité.

Pour trouver le numéro correct de pièce Clevite :

1. Utiliser l'index des fabricants au début de ce catalogue pour localiser la liste du fabricant du véhicule souhaité.

2. Passer à la section du fabricant indiquée et, en utilisant les données du moteur fournies, localiser le numéro de bloc correspondant à la droite du moteur. Les données de modèles sont également indiquées pour faciliter l'identification des moteurs utilisés dans des modèles particuliers pendant les années de production normales.

3. Passer au bloc indiqué et localiser le quadrant avec le nom de la pièce (c'est-à-dire coussinet de bielle, jeu de coussinets d'arbre à cames, ensemble de paliers principaux). Des remarques spéciales concernant les données d'application seront indiquées sur la ligne directement au-dessous du numéro de pièce (c'est-à-dire, l'intervalle des années, l'intervalle des numéros de série). Faire particulièrement attention à toutes remarques à symboles qui indiquent d'autres matières disponibles et la disponibilité d'articles nouveaux, remplacés ou dont la production a été arrêtée.

4. Passer au numéro de pièce nécessaire en s'assurant de choisir la sous-dimension correspondante parmi les dimensions disponibles.

Les listes des fabricants incluent **deux** sections distinctes. La **première** section, située au début de chaque liste, comprend les données de moteur pour faciliter l'identification correcte des moteurs utilisés par le fabricant. Les codes de moteurs comprennent également tous les

moteurs européens et japonais, pour en faciliter l'identification. La **deuxième** section comprend les données de modèles avec les moteurs corrects utilisés dans des véhicules spécifiques ainsi que les années des modèles.

Les moteurs utilisant les mêmes pièces sont regroupés pour économiser de l'espace dans les listes. Les moteurs sont indiqués d'abord par le nombre de cylindres dans l'ordre croissant (c'est-à-dire, 4 cylindres, 6 cylindres, 8 cylindres), et ensuite par cylindrées dans l'ordre croissant (c'est-à-dire, 200-229, 231-252, 260 diesel). Chaque bloc est divisé en deux quadrants. Chaque quadrant possède des informations relatives aux moteurs spécifiques figurant sur la ligne de données de l'application au-dessus. Les pages suivantes vous aideront à spécifier les numéros de pièces corrects des paliers et les sous-dimension souhaités.

Les données du quadrant A comprennent les types de paliers et le nombre de paires nécessaires (le cas échéant), la désignation du matériel des paliers (voir les tableaux sur les pages suivantes), le numéro de pièce Clevite^{MD} ainsi que toutes les sous-dimensions disponibles. Les positions pour les paliers individuels et les bagues de butée dans un ensemble sont également indiquées pour assurer une installation correcte dans le moteur. Toute application spéciale ou information d'installation nécessaire apparaissent comme une « REMARQUE », sous le jeu affecté ou le numéro de pièce individuel. Si un ensemble de paliers principaux ne comprend pas les bagues de butée nécessaires, l'ensemble de paliers principaux sera suivi de la REMARQUE : « Bague de butée nécessaire [numéro de l'ensemble] ».

Le quadrant B comprend les spécifications de données de l'atelier correspondant au palier individuel Clevite^{MD} directement à la gauche dans le quadrant A. Ces données techniques d'atelier détaillées sont divisées en cinq colonnes qui indiquent, de gauche à droite :

1. Diamètre d'arbre standard
2. Dégagement vertical pour l'huile
3. Paroi maximale au niveau de la couronne
4. Diamètre extérieur du palier ou alésage du corps
5. Longueur maximale du palier

Toutes les données techniques de l'atelier sont exprimées en pouces, même si le moteur est fabriqué conformément au système métrique (voir le rappel dans le Quadrant B de tous les moteurs métriques).

QUADRANT A

QUADRANT B

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL				
1	81 CID (1.3L) SOHC 8V L4 Mazda VIN Code: 'H' (1990-1997)			2.795"/71.0mm x 3.290"/83.6mm			1	
Rod Bearing (4)	AL-3	CB-1279AL	STD, .25mm, .50mm, .75mm 1.00mm	1.5724/1.5730	0.0010/0.0031	0.0596	1.6929/1.6935	0.6740
Main Bearing Set 1-2-3-4-5	AL-3	MS-1802AL MB-3173AL	STD, .25mm, .50mm, .75mm	1.9661/1.9668	0.0009/0.0017	0.0792	2.1260/2.1267	0.6890
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-472S								
Thrust Washer Set		TW-472S MB-3173W	STD	2.2539			2.7165	0.1000
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1802AL								

Principales causes de défaillances des paliers

Comme vous le savez déjà, les pièces du moteur automobile finiront par s'user. Et si la performance de chaque pièce était toujours optimale pendant la durée de vie prévue, votre travail de remplacement des pièces usées serait assez simple. Malheureusement, nous ne pouvons pas toujours penser que la défaillance d'une pièce est due uniquement parce qu'elle a atteint la fin de sa vie utile. Un technicien doit non seulement se charger du remplacement des pièces, mais, un peu comme un médecin, il doit être capable de diagnostiquer la pièce qui devient « sa patiente » pour déterminer les causes d'une défaillance prématurée. Le tableau ci-dessous énumère les huit principales causes de défaillance prématurée des paliers du moteur, ainsi que des chiffres en pourcentage qui indiquent à quelle fréquence chacune a été jugée comme étant le principal contributeur à la défaillance prématurée du palier. Il est toutefois important de noter que, dans de nombreux cas, une défaillance prématurée du palier est due à une combinaison de plusieurs de ces causes.

PRINCIPALES CAUSES DE DÉFAILLANCE PRÉMATURÉE DES PALIERS

Impuretés	45,4 %
Mauvais assemblage	12,8 %
Désalignement	12,6 %
Lubrification insuffisante	11,4 %
Surcharge	8,1 %
Corrosion	3,7 %
Finition inappropriée du tourillon	3,2 %
Autre	2,8 %

C'est pour cette raison que si un technicien remplace tout simplement un roulement endommagé dans un moteur, sans déterminer la cause de la défaillance, plus de 99 % du temps, il soumettra le palier de rechange à la même cause responsable de la défaillance initiale. Cela signifie que, tout comme un médecin ne peut pas guérir un patient tant qu'il n'a pas déterminé ce qui l'afflige, un technicien ne peut pas corriger la cause d'une défaillance prématurée du palier tant qu'il n'a pas déterminé la cause de la défaillance.

Chaque défaillance est organisée, pour simplifier le processus du diagnostic, en quatre sujets principaux :

- 1. Apparence** – une illustration et une brève description d'un roulement qui a échoué en raison d'une cause spécifique.
- 2. Action dommageable** – ce qui a effectivement endommagé le palier dans les conditions qui étaient présentes.
- 3. Causes possibles** – une liste des facteurs capables de créer l'action dommageable particulière.
- 4. Action corrective** – l'action qui doit être prise pour rectifier la cause de l'échec.

Les types de défaillances les plus courants sont couverts ici. Voir le Guide sur les dommages subis par les paliers (Bearing Distress Guide) à www.mahle-aftermarket.com pour déterminer correctement la cause des défaillances prématurées des paliers.

Apparence normale

Modèle d'usure uniforme sur environ 2/3 de la surface du palier. L'usure devrait diminuer près des extrémités de la ligne de séparation du palier et le modèle d'usure devrait s'étendre uniformément sur le palier dans la direction axiale.



Particules étrangères dans le revêtement

APPARENCE

Les particules étrangères sont intégrées dans le revêtement du palier. Des rayures peuvent également être visibles sur la surface du palier.

ACTION DOMMAGEABLE

La poussière, les impuretés, les abrasifs et/ou les particules métalliques, présents dans l'approvisionnement en huile, s'incruster dans le revêtement du métal antifriction du palier, déplaçant le métal et créant un point haut.

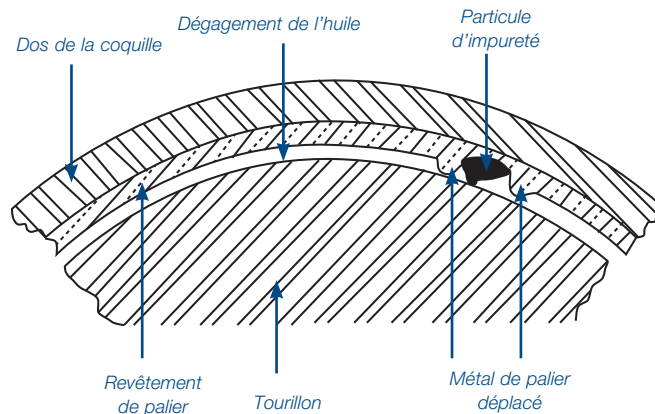
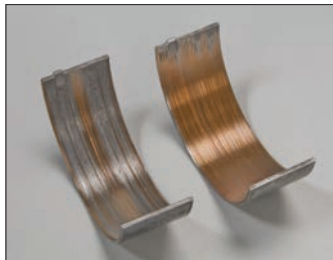
Le point haut peut être suffisamment grand pour entrer en contact avec le tourillon, provoquant un frottement qui peut entraîner une rupture éventuelle du revêtement du palier. Les particules étrangères peuvent s'incruster seulement partiellement et la partie saillante peut entrer en contact avec le tourillon et favoriser une action de broyage.

CAUSES POSSIBLES

1. Nettoyage inadéquat du moteur et/ou des pièces avant le montage.
2. Impuretés et sable de la route entrant dans le moteur à travers le collecteur d'admission d'air ou filtration de l'air défectueuse.
3. Usure d'autres pièces du moteur, entraînant de petits fragments de ces pièces entrant dans l'approvisionnement en huile du moteur.
4. Filtre à huile et/ou remplacement du filtre à air négligés.

ACTION CORRECTIVE

1. Inspecter la surface du tourillon et rectifier si une usure excédentaire est découverte.
2. Installer de nouveaux paliers après avoir suivi les procédures de nettoyage appropriées.
3. Il est recommandé que l'opérateur vidange l'huile, et remplace le filtre à air, le filtre à huile et le reniflard du carter tel que spécifié par le fabricant.



Particules étrangères sur le dos de la coquille

APPARENCE

Une zone d'usure localisée est visible sur la surface du palier. En outre, la preuve de particules étrangères peut être visible sur le dos de la coquille ou le corps du palier juste derrière la zone d'usure de surface.

ACTION DOMMAGEABLE

Les particules étrangères entre le palier et son corps empêchent le contact entre le dos de la coquille et la base du corps. En conséquence, le transfert de chaleur à l'écart de la surface du palier n'est pas uniforme, ce qui entraîne un chauffage localisé de la surface du palier et réduit la durée de vie utile du palier.

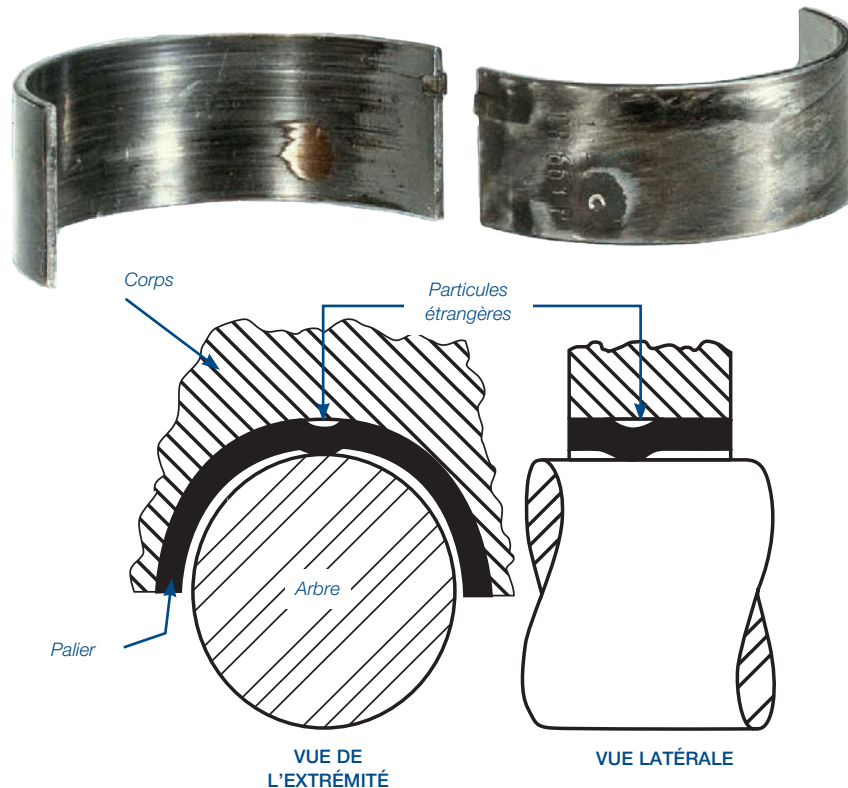
En outre, une répartition inégale de la charge augmente anormalement la pression d'une zone sur la surface du palier, augmentant l'usure localisée sur ce matériau.

CAUSES POSSIBLES

Les impuretés, la poussière abrasive et/ou les particules métalliques soit présents dans le moteur au moment de l'assemblage, soit créés par une opération d'élimination des bavures peuvent être logés entre le dos de la coquille et le corps du palier pendant le fonctionnement du moteur.

ACTION CORRECTIVE

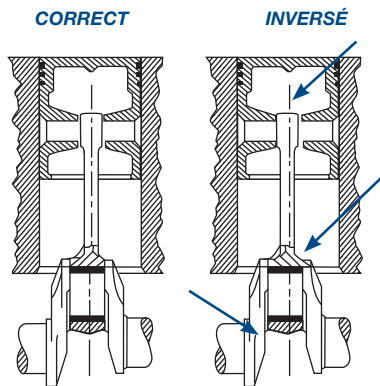
1. Inspecter la surface du tourillon et rectifier si une usure excédentaire est découverte.
2. Installer de nouveaux paliers conformément après les procédures de nettoyage et d'élimination des bavures.



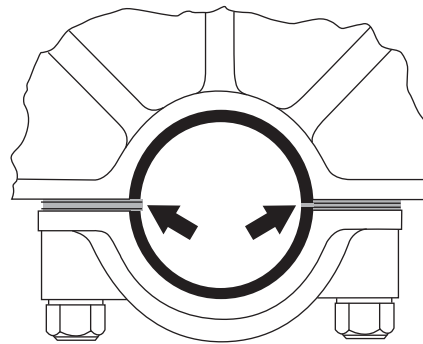
Mauvais assemblage

Les paliers du moteur ne fonctionneront pas correctement s'ils sont installés incorrectement. Dans de nombreux cas, un mauvais assemblage entraînera une défaillance prématurée du palier.

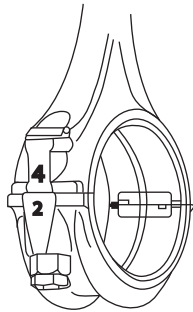
Des exemples d'erreurs types d'assemblage les plus souvent rencontrés dans les installations de paliers de moteur sont indiqués ci-dessous.



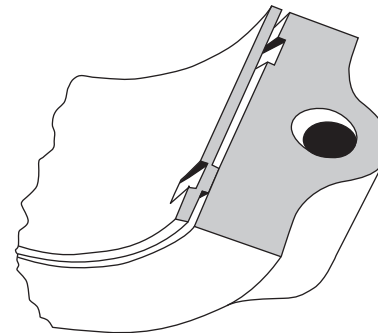
Position de la bielle de décalage inversée



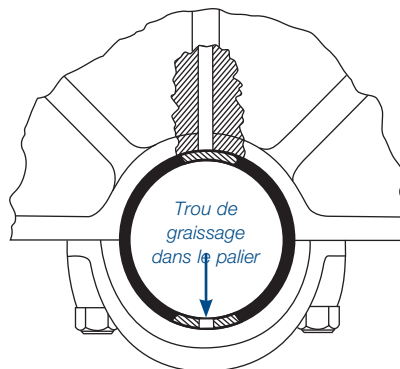
Installation incorrecte de la cale



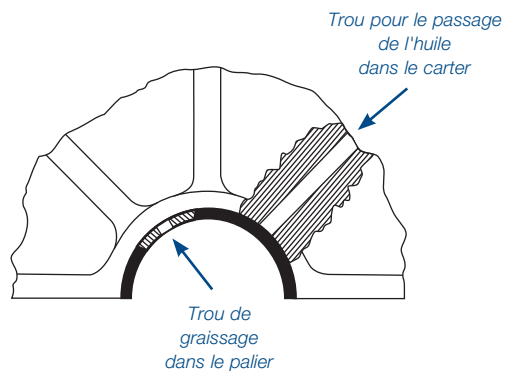
Chapeaux de palier en position incorrecte ou inversée



Ergot d'encliquetage non engagé



Moitiés du palier inversées



Trou de graissage du palier non aligné au trou de passage de l'huile

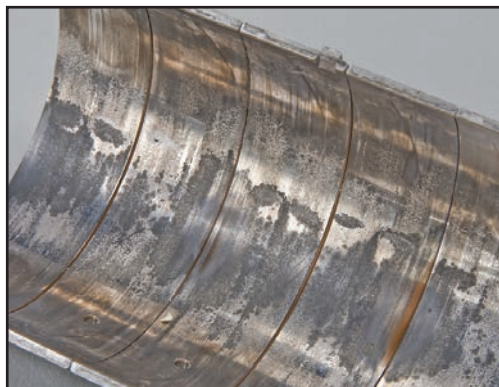
Fatigue de recouvrement

APPARENCE

La totalité ou une partie de la surface du palier couverte par un réseau de fissures fines limitée en profondeur seulement à la couche de surface de 0,0005 po.

ACTION DOMMAGEABLE

Souvent, l'apparence est pire que le problème lui-même. La fatigue de recouvrement est généralement causée par la surcharge localisée sur la surface du palier.. Une fois que des fissures fines se forment, le matériau de recouvrement restant se déplacera pour remplir les fissures et soulager la concentration de la charge. Si l'ensemble de la surface du palier présente cette condition, il s'agit d'une indication de surcharge, éventuellement due à la détonation ou à l'utilisation d'un palier standard dans une application haute performance. Si le roulement a atteint la fin de sa vie de service naturelle et que le problème est remarqué, procéder à des réparations normales.



CAUSES POSSIBLES

Surcharge. Les matériaux de recouvrement du métal antifriction sont destinés à fournir une action en surface, réduire les frottements, s'adapter à un léger désalignement et attraper des particules étrangères. Les matériaux du métal antifriction n'ont pas beaucoup de résistance à la fatigue et un moteur fortement chargé peut avoir suffisamment de flexion d'alésage de bielle sous la charge pour fatiguer le matériau de recouvrement et provoquer des fractures.

ACTION CORRECTIVE

1. Si la vie de service de l'ancien palier était adéquate, remplacer par le même type de palier pour obtenir la même durée de vie de service.
2. Si la vie de service de l'ancien palier était trop courte, remplacer par un type de palier pour utilisation intensive et prolonger la vie de service.
3. Remplacer tous les autres paliers (principal, bielle et arbre à cames) dans la mesure où leur vie service restant risque d'être courte.
4. Passer aux paliers pour voitures de course Clevite de la série H si disponibles.

Tassement excessif

APPARENCE

Le palier peut avoir un polissage ou une usure localisée près des lignes de séparation ou adjacentes à un trou de graissage. Le contact se présente fréquemment sous forme d'un «X» lorsqu'il se trouve au niveau d'un trou de graissage.

ACTION DOMMAGEABLE

L'épaisseur de la paroi du palier a augmenté en de la pression exercée sur le renforcement en acier. Cette augmentation entraîne un contact localisé de l'arbre avec le polissage et l'usure résultants.

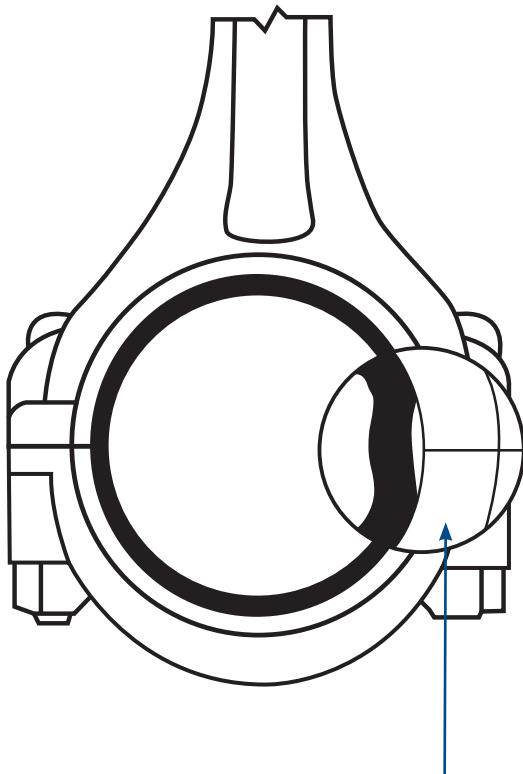
CAUSES POSSIBLES

Les paliers ont été conçus pour qu'il y ait une légère interférence de l'ajustement dans l'alésage de leur corps. Le «tassement» du

palier, qui est inclus dans la conception du palier, contrôle cette situation. L'installation d'un palier dans un trou de corps d'une taille inférieure augmente le tassement et forcera le renforcement de l'acier à céder et s'épaissir au point de la moindre résistance. Cette situation se produit généralement au niveau d'un trou de graissage ou adjacent aux lignes de séparation en l'absence de trou.

ACTION CORRECTIVE

1. Vérifier que le palier installé était correct pour l'application.
2. Vérifier que la taille du corps s'inscrit dans les limites des fabricants et redimensionner le cas échéant
3. Les paliers Clevite ont été conçus avec un maximum de tassement pour assurer la plus grande retenue. Ne jamais tenter de réduire le dégagement en installant un palier dans un corps inférieur à la taille minimale spécifiée.



Tassement excessif



Bielle torsadée ou tordue

APPARENCE

Les bielles tordues présenteront une forte usure sur les côtés diagonalement opposés de chaque coussinet, généralement lorsque la charge est supportée par les bords. Les bielles torsadées présenteront une usure en diagonale sur la surface du palier.

ACTION DOMMAGEABLE

Une bielle torsadée ou tordue entraîne un désalignement de l'alésage, forçant le palier à être relevé de sorte que le bord du palier est en contact métal sur métal avec le tourillon, provoquant une usure excessive sur la surface du palier.

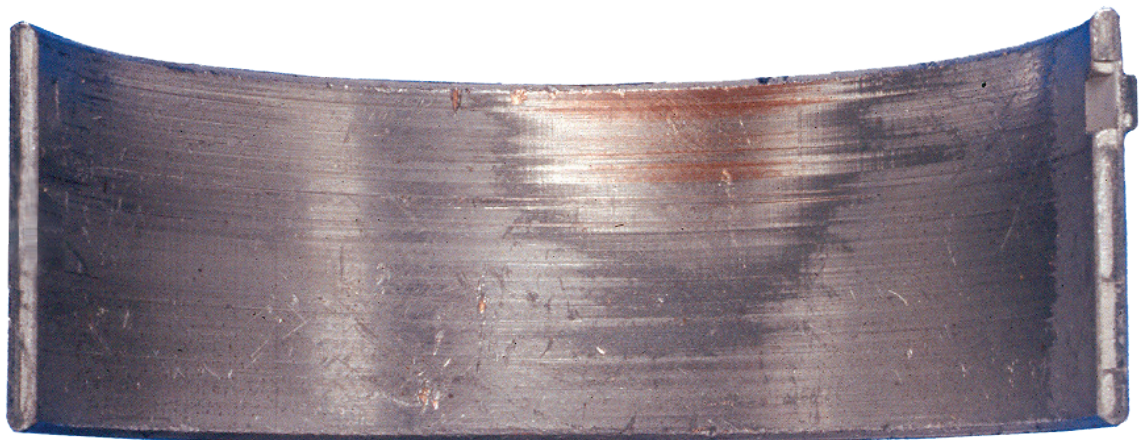
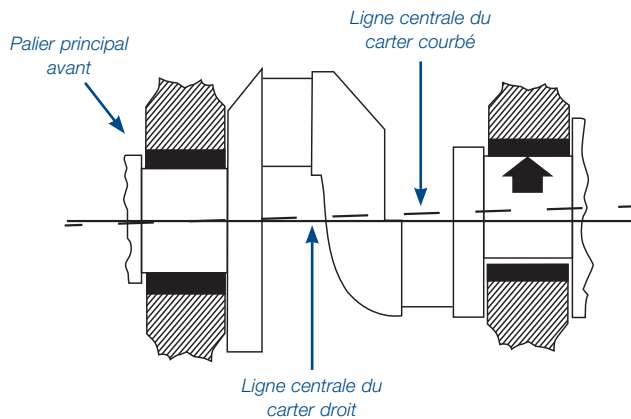
CAUSES POSSIBLES

La cause la plus fréquente d'une bielle tordue est une défaillance antérieure du moteur, telle qu'un joint de culasse endommagé, laissant le cylindre se remplir de liquide de refroidissement ou une vanne endommagée exerçant une charge particulièrement élevée sur le piston ou déformant la bielle.

Une torsion est probablement introduite pendant le processus de fabrication ou le reconditionnement si les alésages supérieurs et inférieurs ne sont pas maintenus en parallèle.

ACTION CORRECTIVE

1. Les bielles tordues et torsadées ne doivent pas être réutilisées, mais réparées ou remplacées. Leur réutilisation ne peut que répéter la situation ci-dessus.
2. Installer de nouveaux paliers après avoir suivi les procédures de nettoyage appropriées.



Manque de lubrification/pellicule d'huile marginale

APPARENCE

Cette défaillance, bien que très fréquente, est difficile à diagnostiquer, en particulier pour quelqu'un qui n'est pas suffisamment familier avec les défaillances des paliers. La raison en est la progression des rayures au stade précoce de la surface du tourillon, pénétrant dans la pellicule d'huile et contactant le palier, jusqu'à une panne ultime (fragile à chaud) qui peut se produire rapidement dans l'intérieur du moteur. La détresse commence généralement au centre du palier et progresse vers les bords extérieurs.

ACTION DOMMAGEABLE

L'absence d'une pellicule d'huile suffisante entre le palier et le tourillon permet le contact métal sur métal. L'effet frottant qui en résulte favorise une défaillance prématurée des paliers.

CAUSES POSSIBLES

1. Dégagement insuffisant pour l'huile du palier
2. Dégagement excessif du palier et charges trop lourdes
3. Quantité, qualité et viscosité de l'huile
4. Problèmes de livraison de l'huile ou de la pression de l'huile
5. Pièces mal assemblées bloquant les trous de graissage
6. Démarrage à sec/pas de pré-lubrifiant
7. Pression élevée du cylindre entraînant la réduction de l'épaisseur de la pellicule d'huile

ACTION CORRECTIVE

1. Vérifier à nouveau toutes les mesures prises lors de la procédure de sélection des paliers pour détecter une erreur potentielle de calcul. Ce calcul peut être effectué lors de l'assemblage avec Clevite Plastigage®
2. S'assurer que le palier de rechange est approprié à l'application.
3. Inspecter les tourillons pour détecter les dégâts et rectifier à nouveau si nécessaire.
4. Inspecter le moteur pour détecter la présence d'un éventuel blocage des passages d'huile, la crépine d'aspiration et le filtre à huile.
5. Vérifier le fonctionnement de la pompe à huile et de la soupape de surpression.
6. S'assurer que les trous de graissage sont correctement indexés lors de l'installation des paliers de rechange.
7. S'assurer que la qualité de l'huile, la base d'additif et la viscosité sont correctes pour l'application.
8. Toujours amorcer le système de lubrification avant de mettre le moteur en marche pour la première fois.
9. Installer de nouveaux paliers après avoir suivi les procédures de nettoyage appropriées.



Paliers revêtus de polymère

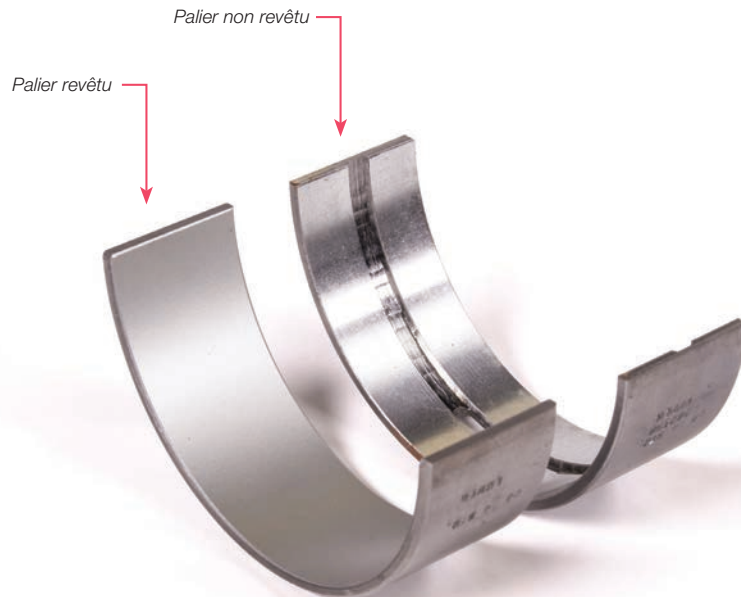
L'augmentation des exigences des paliers sur les moteurs modernes tels que la réduction des tailles, la turbocompression et les cycles de marche/arrêt conduit à porter une attention croissante sur la capacité de charge, l'usure et la résistance au grippage. Les ingénieurs de MAHLE OE ont développé un revêtement polymère exclusif pour lutter contre l'usure supplémentaire des paliers de moteur. Cette technologie MAHLE OE est maintenant disponible pour le marché secondaire !

En vue de contrer cette usure accrue et toute défaillance associée des composants, MAHLE a appliqué une couche de lubrifiant polymère fonctionnelle, qui est composée d'un polyamide-imide haute performance, d'un lubrifiant solide et de particules métalliques, sur la surface de roulement du palier. Cette combinaison offre une excellente performance mécanique ainsi qu'une excellente résistance thermique et chimique.

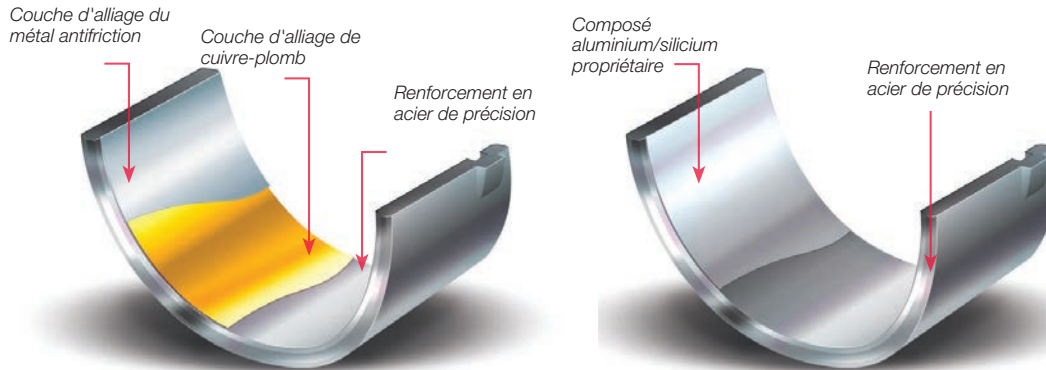
Le revêtement protège les coussinets de paliers contre le contact direct métal sur métal. Les particules métalliques réparties de manière homogène, alignées dans le sens du roulement sur la surface, offrent une très bonne résistance à l'usure, une résistance mécanique et une conductivité thermique.

Les essais tribologiques chez MAHLE ont montré que les paliers enduits de cette manière sont plus 15 fois plus résistants à l'usure que les paliers non revêtus. Il s'agit donc d'une amélioration significative qui contribue à la capacité des mesures actuelles et futures de conception de moteurs à réduire la consommation et les émissions sans pour autant augmenter l'usure.

Les paliers en polymère seront indiqués dans le catalogue aux emplacements où ils sont utilisés.



Paliers TriMetal™ ou BiMetal™ ?



Les paliers auto-aligneurs fournissent une surface d'usure commodément remplaçable qui permet de récupérer le tourillon d'accouplement en rectifiant à un nouveau diamètre inférieur. À moins qu'ils ne soient sérieusement endommagés, les vilebrequins sont habituellement récupérés grâce à des coussinets de palier fabriqués selon des tolérances de précision adaptables à un ensemble standardisé des tourillons sous-dimensionnés. En fonction de la pratique de dimensionnement d'origine des composants du moteur, des sous-dimensions sont disponibles en taille pouce et en taille métrique (voir la liste du catalogue).

Ce serait tellement plus pratique pour les fabricants de composants du moteur et de reconstituteurs de moteurs, si tous les moteurs pouvaient utiliser les mêmes coussinets de palier. Malheureusement, les différences dans les cylindrées des moteurs et les niveaux de puissance requièrent en principe des paliers spéciaux par famille de moteurs. Ces paliers diffèrent non seulement dans leurs attributs dimensionnels pour leur permettre de s'adapter convenablement aux composants d'accouplement du moteur, mais ils doivent également fournir des capacités de performance différentes pour que leur service soit sans problème tout au long de la durée de vie attendue du moteur. Les divers matériaux de palier et types de fabrication fournissent une sélection de caractéristiques de performance de palier en fonction de diverses conditions de fonctionnement et applications.

Au fur et à mesure que les conceptions des moteurs évoluaient, des exigences accrues étaient exercées sur les paliers du vilebrequin. Ces exigences appartiennent à un certain nombre de catégories de performances des paliers.

La **première** de ces exigences est le comportement de la surface soit « **ACTION EN SURFACE** ». Il s'agit d'une mesure de la compatibilité de la surface du palier avec celle du tourillon d'accouplement. Dans cette catégorie, on note trois caractéristiques des paliers qui représentent le comportement de la surface d'un palier, à savoir :

1. La « nature antidéparante » ou la capacité de minimiser les frottements tout en glissant sur le tourillon sans provoquer l'usure sur les deux surfaces.
2. La « faculté d'incorporation » est la capacité d'absorber la poussière et les particules d'usure du moteur dans la surface du palier et de les neutraliser. (voir la figure 1).
3. L'« adaptabilité » qui permet à une surface de palier de se conformer aux imperfections de la géométrie et de l'alignement de son installation.

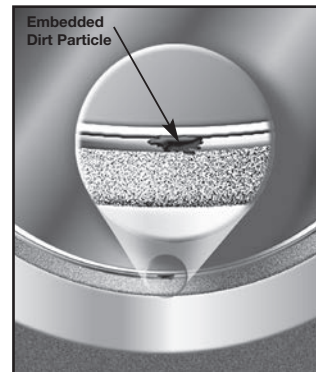


Figure 1

La **deuxième** de ces exigences est le « **SUPPORT DE CHARGE** ». Il s'agit de la capacité de résister aux charges d'exploitation du moteur pendant de longues périodes. Dans cette catégorie s'inscrivent ces propriétés :

1. « Résistance à la fatigue » qui représente la capacité des revêtements à résister à la fissuration et à l'écaillage sous les charges cycliques imposées par la dynamique du fonctionnement du moteur.
2. « Résistance à la corrosion », qui représente la capacité des matériaux du revêtement à résister à l'attaque chimique des acides résultant de la dégradation de l'huile et des sous-produits de la combustion. L'attaque chimique des acides peut affaiblir la structure du matériau rendant le revêtement plus vulnérable à la fatigue.

La **troisième** est représentée par l'exigence des « **PROPRIÉTÉS THERMIQUES** » qui sont :

1. La « Résistance à la température » soit la capacité de maintenir toutes les autres propriétés aux températures de fonctionnement du moteur.
2. La « Conductivité thermique » soit la capacité de conduire la chaleur à l'écart de la surface du palier.

Les paliers fonctionnent sur le principe que les matériaux dissemblables auront moins tendance à gripper entre eux que des matériaux similaires. Le premier matériau du palier utilisé en standard était un alliage de plomb, d'étain, d'antimoine et d'arsenic appelé le métal antifriction (soit babbitt du nom de son inventeur). Les propriétés physiques du métal antifriction sont semblables à la soudure. Suffisamment mou pour lui permettre de se conformer aux imperfections mineures de la géométrie et de l'alignement des pièces d'accouplement. Cette propriété permet également au métal antifriction d'absorber les impuretés et de porter des particules qui pourraient traverser l'espace libre des paliers. Le métal antifriction est également très glissant ce qui réduit le frottement en l'absence d'huile lors du démarrage.

Bien que le métal antifriction soit le meilleur matériau pour palier basé sur son comportement de surface, il présente une grave lacune. En lui-même, dans des couches épaisses, le métal antifriction ne peut pas supporter de charges

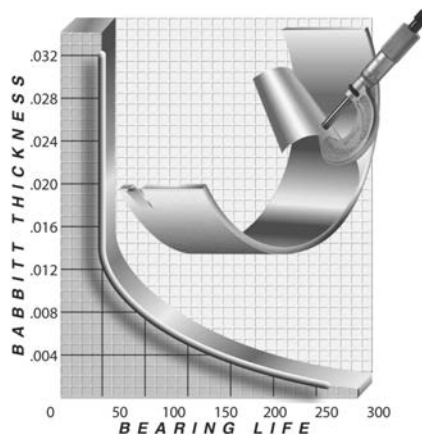
élevées pendant de longues périodes. Sous le chargement cyclique répété d'un moteur à combustion interne, le métal antifriction se brisera et s'émiettera. Cette réaction au chargement cyclique s'appelle la « Fatigue ».

Les paliers sont généralement fabriqués avec un renforcement en acier pour fournir un support et permettre aux coussinets du palier d'établir un ajustement serré avec leur corps. La rétention est alors assurée et le mouvement sous la dynamique du fonctionnement du moteur est bloqué. Presque tous les paliers modernes appartiennent à une des deux catégories en fonction de leur type de fabrication :

1. Bimétal : un renforcement en acier avec une seule couche de revêtement polyvalent.
2. Trimétal : un renforcement en acier avec une couche intermédiaire pour la résistance et une couche de surface pour les propriétés de la surface du palier.

Les premiers paliers auto-aligneurs étaient bimétalliques avec un revêtement en métal antifriction. Tel qu'indiqué ci-dessus, bien que le métal antifriction disposait d'un comportement de surface optimal, il lui manquait la résistance à la fatigue. Toutefois, il a été constaté que la résistance à la fatigue du métal antifriction pourrait être considérablement améliorée en réduisant son épaisseur (voir figure 2). Ce principe est utilisé dans deux types alternatifs de fabrication. Les paliers bimétalliques « métal antifriction MICRO » ont une couche plus mince du revêtement en métal antifriction pour offrir une meilleure résistance à la fatigue et les paliers trimétalliques ont une couche de métal antifriction

Figure 2



encore plus mince électrodépose sur une couche intermédiaire plus forte pour combiner les propriétés de surface du métal antifriction avec la plus grande résistance à la fatigue de la couche intermédiaire. Un alliage de cuivre, de plomb et d'étain compose la couche intermédiaire la plus couramment utilisée. La fonte de cet alliage sur le renforcement en acier fournit une résistance à la fatigue d'environ 20 % supérieure à celle du procédé alternatif employant une poudre métallique appelé frittage. Les paliers du moteur Clevite^{MD} TriMetal^{MC} ont une couche intermédiaire coulée en cuivre-plomb pour la plus grande capacité de charge disponible.

Les paliers d'équipement d'origine se sont servis de tous les types de matériaux et de fabrication populaires au cours des années. Le métal antifriction bimétallique, le cuivre-plomb bimétallique, l'aluminium bimétallique, le cuivre-plomb trimétallique et l'aluminium trimétallique ont tous été utilisés à divers moments dans de nombreuses applications. Tout comme les dimensions uniques mentionnées précédemment, qui rendent chaque palier spécifique à son application prévue, un matériau et un type de fabrication spécifiques sont également spécifiés.

La fabrication de palier trimétallique utilisant une couche intermédiaire en cuivre-plomb coulé fournit la meilleure combinaison globale de toutes les propriétés de palier décrites ci-dessus. La vaste majorité des paliers de moteur CleviteTM sont de ce type. Dans de nombreux cas, ce matériau et le processus de fabrication reproduisent les spécifications de l'équipement d'origine. À titre d'exemple, les moteurs diesel lourds utilisent presque tous des paliers TriMetal. Ce type de palier permet effectivement aux diesels HD de prolonger la durée de leurs vie utile jusqu'à 800 000 km ou plus. Bien que certains paliers d'équipement d'origine HD utilisent une couche intermédiaire en alliage d'aluminium, la majorité utilise du cuivre-plomb coulé. Dans de nombreux cas, les paliers de moteur Clevite^{MD} TriMetal^{MC} représentent une amélioration par rapport à un type bimétallique utilisé dans l'équipement d'origine. Clevite a ensuite eu la réputation d'être le meilleur palier à un rendement élevé, tel qu'en témoigne sa popularité dans les sports automobiles tels que NASCARTM et NHRATM ainsi que d'autres formes de course.

Une tendance récente dans les applications de voitures particulières et de camions légers des fabricants de l'équipement d'origine a

été l'utilisation de paliers bimétalliques à base d'alliage d'aluminium. Ces paliers offrent aux fabricants de moteurs originaux une alternative moins coûteuse en éliminant des opérations d'électrodéposition nécessaire à la fabrication des paliers trimétalliques. Ces paliers en alliage d'aluminium bimétallique utilisent généralement un revêtement constitué d'un pourcentage élevé d'aluminium combiné avec de l'étain pour fournir une action sur la surface et un faible pourcentage de silicium pour une résistance à l'usure (voir figure 3). L'utilisation d'un seul revêtement polyvalent représente un compromis dans les qualités des paliers décrites ci-dessus. Ces compromis sont généralement acceptables pour satisfaire aux exigences de service type des voitures particulières et des camions légers.



Figure 3

Les paliers du moteur Clevite® "AS" BiMetalTM (les numéros de pièce avec une lettre de suffixe A) sont de type et de construction en aluminium, en étain et en matériau bimétallique au silicium. Ceux-ci offrent au reconstituteur de moteur un palier du type d'équipement d'origine pour les moteurs des applications peu exigeantes. Ils sont uniquement recommandés pour les applications où tous les composants du moteur ont été reconditionnés aux spécifications originales des fabricants de moteurs. Leur utilisation n'est pas recommandée pour un service intensif où des exigences strictes sont imposées au moteur ou à des applications de haute performance où Clevite TriMetal^{MD} est toujours le meilleur choix de performance.

Aucun matériau n'est parfait pour chaque application, divers matériaux utilisés pour les paliers ont des avantages différents en termes de résistance à la corrosion, de taux d'usure et de la résistance à la fatigue. Les conditions de fonctionnement du moteur doivent être prises en considération lors de la sélection des paliers.

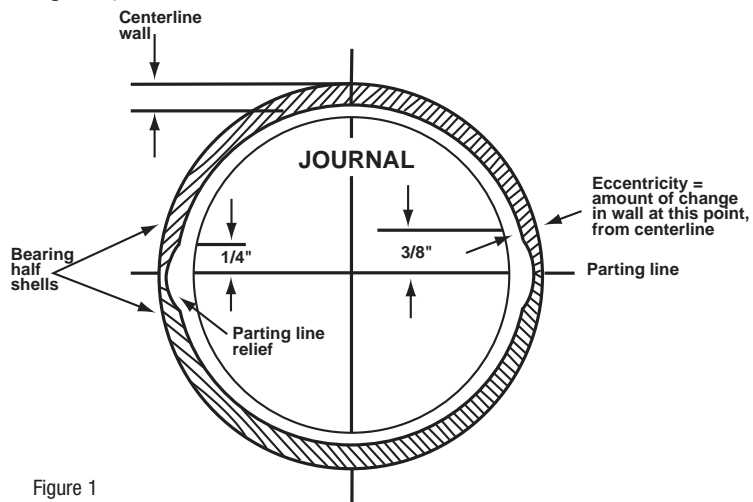
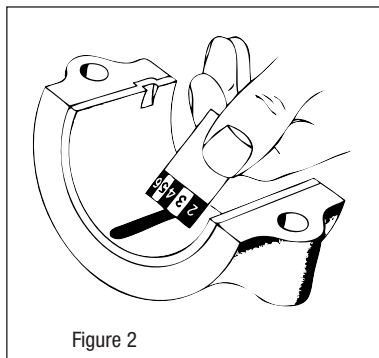
De quel dégagement ont besoin vos paliers ?

De quel dégagement ai-je besoin pour les paliers de bielle, principaux ou à arbre à cames ? C'est l'une des questions les plus fréquemment posées. Il n'y a malheureusement pas de réponse simple qui convienne à chaque cas. L'application du moteur, la sélection des lubrifiants et les conditions de fonctionnement dicteront différents niveaux de dégagement. Nous pouvons toutefois nous permettre de généraliser au départ.

Tout d'abord, définissons comment et où le dégagement doit être mesuré. Les paliers de bielle demi-coussinet et les paliers principaux n'ont pas de paroi uniforme. La paroi est plus épaisse à 90 degrés par rapport à la division et décroît à une valeur prescrite vers chaque ligne de séparation, en fonction de l'application prévue pour les paliers. Ce décroissement est appelé « Excentricité ». Il existe également une mise en relief au niveau des lignes de séparation. L'excentricité est utilisée pour adapter le coussinet de palier à son matériel d'accouplement et fournir des déviations matérielles pendant le service. L'excentricité contribue également à promouvoir la formation de la pellicule d'huile en fournissant une forme de coin dans l'espace libre. La mise en relief à chaque ligne de séparation garantit qu'il n'y aura pas d'irrégularités au niveau de la ligne de séparation suite à un déplacement du chapeau de palier ou à l'accouplement des coussinets dont l'épaisseur diffère légèrement dans les limites de tolérance autorisées. (voir la figure 1).

C'est pour ces raisons, que les dégagements de palier sont spécifiés comme des « dégagements verticaux » et doivent être mesurés à 90 degrés par rapport à la ligne de séparation. La jauge d'alésage avec un comparateur à cadran est la meilleure méthode de mesure puisqu'elle permet d'évaluer le diamètre intérieur du palier lorsque les paliers sont installés au couple spécifié sans que l'arbre soit en place. Les mesures doivent être effectuées à l'avant, au centre et à l'arrière de chaque position de palier. Une autre méthode commune de vérification de dégagement est effectuée via Clevite™ Plastigage™ (voir la figure 2).

Pour la plupart des applications, un dégagement entre 0,00075 et 0,0010 po (trois quarts à un millième de pouce) par pouce de diamètre d'arbre est un point de départ raisonnable. À titre d'exemple, un diamètre d'arbre de 2,000 po nécessiterait un jeu de palier entre 0,0015 et 0,0020 po. ($0,00075 \times 2,000 \text{ po} = 0,0015 \text{ po}$ et $0,0010 \times 2,000 \text{ po} = 0,0020 \text{ po}$) Cette formule fournit un point de départ sécurisé pour la plupart des applications. Pour les moteurs haute performance, il est recommandé d'ajouter 0,0005 po à la valeur maximale déterminée par le calcul ci-dessus. La recommandation pour notre arbre de 2,000 po serait 0,0025 po de dégagement.



Rappelez-vous cependant que ce ne sont que des points de départ recommandés. Le moteur et son application nous indiqueront où aller à partir de ces points de départ. À titre d'exemple, un moteur de voiture particulière assemblé à 0,0010 po par pouce de diamètre d'arbre pourrait s'avérer bruyant au démarrage, surtout si le moteur a un bloc en aluminium. La plupart des moteurs de voitures particulières sont assemblés à l'origine en effectuant un « ajustement par sélection » pour obtenir des dégagements inférieurs à ceux qui résulteraient de la sélection aléatoire des pièces d'accouplement. Il existe effectivement le risque d'accumuler des tolérances de fabrication sur les pièces d'accouplement qui pourraient dépasser le niveau acceptable pour le contrôle du bruit et des vibrations. En outre, la plupart des nouveaux moteurs de voitures particulières sont désormais conçus pour utiliser des huiles du type 5W-30 et réduire la perte de puissance tout en conservant de l'énergie. Ces huiles plus légères sont capables de passer plus librement par des dégagements plus serrés.

Prenons l'exemple de tolérances de fabrication type et regardons la gamme de dégagements potentiels qui en résulte. Une plage de tolérance (de la taille minimale à la taille maximale) de 0,0010 po est typique pour la plupart des tourillons de vilebrequin ainsi que pour les alésages du corps du palier de bielle et principal. Si le moteur utilise des paliers bimétalliques, la tolérance de la paroi est de 0,0003 po par coquille ou 0,0006 po au total. En ajoutant ces valeurs, nous obtenons 0,0010 po pour le corps + 0,0010 po pour l'arbre + 0,0006 po pour les paliers = 0,0026 po de plage totale de dégagement possible en raison des tolérances de fabrication de la pièce d'accouplement. Si notre dégagement minimum assemblé est juste 0,0005 po, le maximum de 0,0031 po est possible. (Plage de tolérance de 0,0005 po minimum + 0,0026 = 0,0031 po max.) Pour l'application normale de voitures particulières, la valeur de 0,0031 po de dégagement de palier serait généralement excessive. Toutefois, si nous prenons le même moteur, par exemple un petit V-8, et que nous l'installons dans un camion utilisé pour tirer une remorque de camping avec une huile plus lourde, un dégagement plus grand serait plus acceptable.

Le dégagement est également un facteur de sécurité lorsque les imperfections dans l'alignement et la géométrie des composants

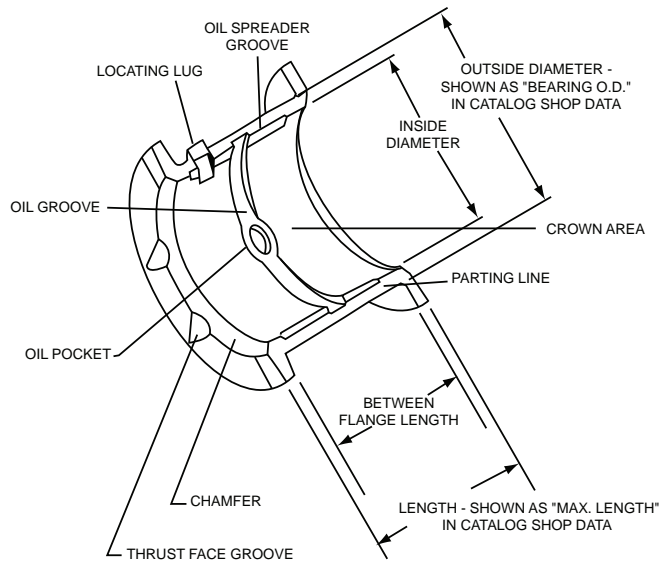
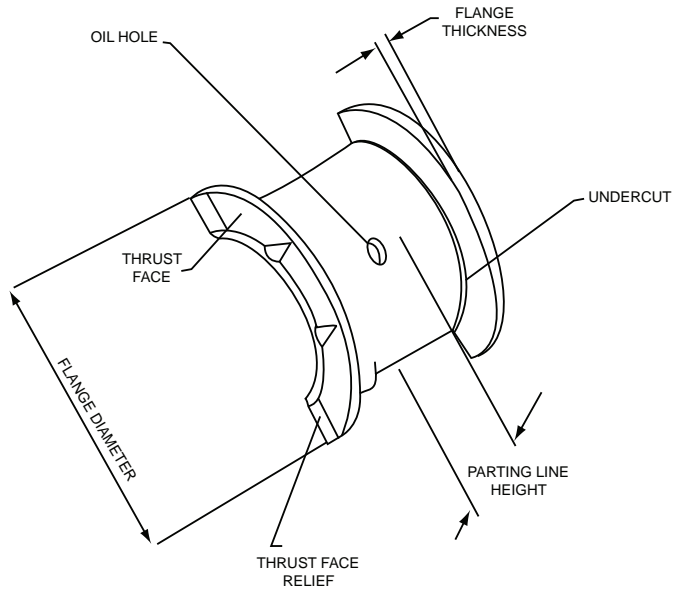
interviennent. Lorsque les surfaces sont mieux usinées et finies, la sensibilité à la dégradation de la pellicule d'huile est réduite et des jeux plus serrés peuvent être tolérés. Des dégagements plus serrés sont souhaitables puisqu'ils entraînent une courbure de l'arbre et du palier pour améliorer l'accouplement. En conséquence, la pellicule d'huile devient plus large et répand la charge sur plus de la surface du palier, réduisant ainsi la pression dans la pellicule d'huile et sur la surface du palier. La vie de service et la performance du palier seront améliorées. En principe, un palier usé doit présenter des signes d'utilisation sur 2/3 à 3/4 de la surface de son diamètre intérieur dans la moitié la plus chargée. (Moitiés du palier principal inférieur et de la bielle supérieure).

Le dégagement n'est qu'une des nombreuses variables qui influent sur la performance des paliers. En outre, les caractéristiques de la viscosité de l'huile, déterminées par le type d'huile et la sélection de qualité, la température de fonctionnement du moteur, la pression d'huile, le régime du moteur, le perçage des trous de graissage dans le bloc et le vilebrequin, les rainures du palier et toute autre caractéristique technique du palier, se rattachent à la fonction d'un système de lubrification des moteurs.

Les huiles plus légères ont moins de résistance au débit, en conséquence leur utilisation entraînera un débit d'huile plus important voire moins de pression d'huile, en particulier lorsque les dégagements sont plus grands. Toutes les huiles deviennent plus légères sous la chaleur ; toutefois, les huiles multigrade ne se diluent pas aussi rapidement que les huiles brutes. Les spécifications de dégagement de l'équipement original sont nécessairement serrées en raison de l'utilisation d'huiles légères conservant l'énergie, des températures de fonctionnement relativement élevées et une préoccupation pour le contrôle du bruit et des vibrations, en particulier dans les blocs en aluminium.

Le dégagement des paliers n'est pas un sujet qui peut être abordé sans tenir compte de nombreuses variables, notamment : la géométrie des pièces, la viscosité de l'huile, la température de l'huile, la charge du moteur, le diamètre de l'arbre, les revêtements du palier et sa propre capacité à mesurer et à évaluer avec précision ces variables.

Nomenclature du palier



Rectification et polissage du vilebrequin

Les surfaces des tourillons du vilebrequin doivent être rectifiées et polies pour obtenir une finition de surface de 15 micro pouces de rugosité moyenne (Ra) ou supérieure. Les tourillons sur les vilebrequins très chargés tels que les moteurs diesel ou les moteurs de course haute performance nécessitent une finition de 10 micro pouces (Ra) ou supérieure.

Les spécifications ci-dessous sont relativement simples et peuvent être mesurées avec un équipement spécial. Il y a toutefois d'autres facteurs, que les spécifications de rugosité, dont il faut tenir compte pour générer une surface broyée et polie. Pour éviter une usure rapide et prématurée des paliers du vilebrequin et faciliter la formation d'une pellicule d'huile, les surfaces du tourillon doivent être rectifiées à l'opposé de la rotation du moteur et polies dans le sens de rotation. Cette recommandation peut être la source de confusion lors de l'exécution réelle. Il est donc important de comprendre les raisons à l'appui de la recommandation et d'examiner les illustrations suivantes pour clarifier la recommandation.

L'élimination des métaux tend à générer des bavures. C'est qui se passe dans pratiquement tous les processus d'élimination des métaux. Divers processus créent divers types de bavures. La rectification et le polissage produisent des bavures tellement infimes que nous ne pouvons pas les voir ou les sentir, mais elles sont là et peuvent endommager les paliers si la surface de l'arbre n'est pas générée correctement. Au lieu d'utiliser le terme « bavures », appelons les résultats de rectification et de polissage, des « éclats microscopiques ». Ce terme décrit mieux ce qui est resté de ces processus. Ces éclats microscopiques ont un grain ou disposition semblable aux poils d'un chien. La figure 1 illustre l'agencement de ces éclats sur un tourillon. (Remarque : Toutes les figures sont vues depuis l'extrémité du nez de vilebrequin). La

direction dans laquelle une meule à rectifier ou une courroie de polissage passe sur la surface du tourillon déterminera la disposition des éclats microscopiques.

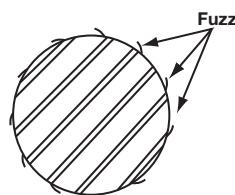


Figure 1
Journal illustrating fuzz from grinding and polishing.

L'élimination des éclats de la surface est effectuée en passant chaque opération successive sur le tourillon dans la direction opposée pour plier les éclats vers l'arrière et les éliminer. Le polissage dans la même direction que la rectification ne permet pas d'éliminer efficacement ces éclats puisqu'ils sont simplement aplatis et rebondissent ensuite. Le polissage doit donc être effectué dans le sens inverse de la rectification pour améliorer la surface.

Pour sélectionner la méthode de rectification et de polissage d'un arbre, il faut d'abord déterminer le résultat final souhaité et travailler ensuite en arrière pour établir comment y parvenir. La figure 2 représente un arbre tournant sur un palier vu de l'avant d'un moteur normal tournant dans le sens des aiguilles d'une montre. La condition souhaitée est un tourillon avec des éclats laissés par l'opération de polissage orientée de sorte qu'ils sont aplatis lorsque l'arbre passe sur le palier (Figure 2).

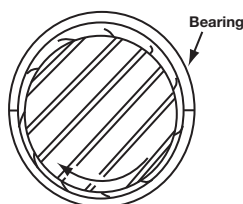


Figure 2
Journal rotating in bearing with the grain of the fuzz.

Rectification du vilebrequin

L'analogie utilisée pour l'arbre passant sur le palier est celle d'un chien qu'on caresserait de la tête à la queue. Un arbre poli dans la direction opposée entraîne une abrasion sur le palier qui peut être comparée à chien caressé de la queue à la tête. Pour générer une disposition de surface telle que celle représentée sur la figure 2, la courroie de polissage doit passer sur la surface de l'arbre telle qu'illustrée sur la figure 3.

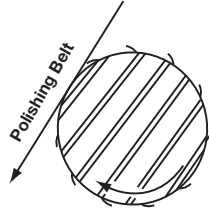


Figure 3
Direction polishing belt should pass over journal and grain of fuzz which results.

La direction de la rotation de l'arbre pendant le polissage n'est pas critique si un polisseur à courroie motorisée est utilisé puisque la courroie tourne beaucoup plus vite que l'arbre. L'enlèvement du stock lors du polissage ne doit pas dépasser 0,0002 po sur le diamètre.

Après avoir déterminé la disposition de la surface souhaitée avec le polissage, nous devons ensuite établir la direction appropriée pour la rectification et produire une disposition de la surface opposée à celle résultant du polissage. La figure 4 montre les directions de rotation de la meule à rectifier et de l'arbre ainsi que la disposition de la surface pour la rectification lorsqu'elle est vue de l'avant ou de l'extrémité du nez de vilebrequin. Cette orientation est obtenue en bloquant la bride du volant moteur à gauche de la meuleuse (dans la poupée fixe). L'obtention de la meilleure finition de surface possible pendant la rectification réduira l'élimination du stock nécessaire lors du polissage.

La disposition de la surface créée par la rectification entraînerait une abrasion des surfaces du palier si elles ne sont pas polies. En polissant dans le sens représenté sur la figure 3, la disposition de la surface est inversée par l'opération de polissage qui supprime les éclats créés par la rectification et laisse une surface qui ne ponce pas la surface du palier.

Les arbres en fonte nodulaire sont particulièrement difficiles à rectifier et à polir à cause de la structure du fer. Le fer nodulaire tire son nom de la forme nodulaire du graphite dans ce matériau. La rectification ouvre des nodules de graphite situés à la surface du tourillon, laissant des arêtes déchiquetées qui endommagent un palier. Le polissage dans la direction appropriée éliminera les bords déchiquetés de ces nodules ouverts.

Les informations précédentes sont basées sur la rotation normale du moteur dans le sens des aiguilles d'une montre lorsqu'elle est vue de l'avant du moteur. Pour les vilebrequins qui tournent dans le sens inverse des aiguilles d'une montre, tels que certains moteurs marins, le vilebrequin doit être bloqué à son extrémité opposée lors de la rectification et du polissage. C'est la même chose que de voir la manivelle à partir de l'extrémité à bride plutôt que de l'extrémité de nez sur les figures qui l'accompagnent.

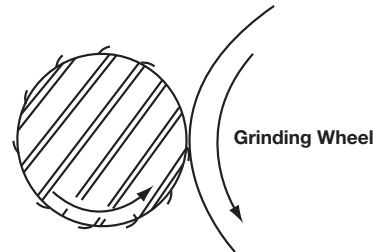


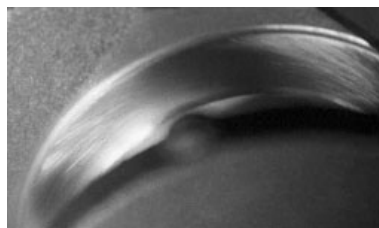
Figure 4
Directions of shaft and grinding wheel rotation and lay of fuzz which results.

Rectification et polissage de la surface de la face de butée

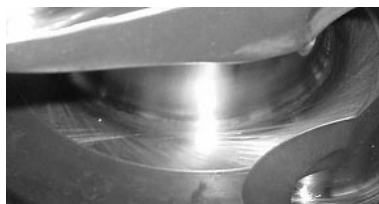
La finition et la forme de la surface du vilebrequin sont des facteurs clés qui influent sur la performance de tous les paliers. Ces facteurs sont encore plus critiques pour les surfaces de butée. Comme pour n'importe quel autre palier, une charge augmentée réduit l'épaisseur de la pellicule d'huile entre les surfaces de l'arbre et du palier. Il s'agit d'une situation beaucoup plus critique dans les paliers de butée en raison de leurs faces planes qui compliquent sérieusement la formation d'une pellicule d'huile. Les paliers radiaux (ceux qui portent des charges dans une direction radiale comme les paliers de bielle et les paliers principaux) forment un coin naturel où les surfaces de l'arbre et d'appui se rejoignent dans l'espace libre. La rotation de l'arbre tire un coin d'huile dans la zone chargée du palier et forme une pellicule d'huile qui supporte la charge.

Les faces de butée sont par contre constituées de deux surfaces plates qui ne forment pas de coin naturel où elles se rencontrent. Pour faciliter la formation d'une pellicule d'huile, des zones artificielles en forme de coin sont usinées dans les surfaces d'appui aux extrémités et parfois adjacentes aux rainures. Malgré tous les efforts fournis pendant la conception, les paliers de butée fonctionnent sur une pellicule d'huile beaucoup plus mince ce qui rend la finition de surface du vilebrequin critique pour la performance de ces paliers.

Il est difficile d'obtenir une bonne finition sur la face de butée d'un vilebrequin puisque la rectification est effectuée latéralement. La rectification latérale entraîne des marques qui partent en spirale vers le diamètre extérieur de la face de butée et peuvent également provoquer des marques hachurées ressemblant à des motifs de super finition. Les deux motifs nuisent à la formation d'une pellicule d'huile puisqu'ils fonctionnent comme des essuie-glaces lorsque l'arbre tourne. Les marques de rectification doivent être éliminées par polissage. Seul un motif circulaire devrait rester. La finition de la surface doit être vérifiée dans une direction tangentielle et maintenue à 10 Ra max. La surface de butée doit être plane avec une tolérance de 0,0002 po max.



à éviter - modèle
tourbillonnaire



à éviter - modèle hachuré

Prévention d'une défaillance prématurée des paliers à cames

Pour satisfaire aux exigences de charges et de températures de fonctionnement plus élevées dans les moteurs modernes, le métal antifriction a été remplacé par un alliage d'aluminium. Cet alliage d'aluminium est beaucoup plus fort que le métal antifriction et résistera à la charge plusieurs fois plus intense. Toutefois, cette force supplémentaire est obtenue au détriment de certaines des propriétés plus indulgentes de métal antifriction. L'alliage d'aluminium est plus dur, ce qui le rend moins compatible avec la saleté, le désalignement et la lubrification marginale. C'est typique des compromis ou des échanges qui sont souvent nécessaires lors du choix d'un matériau de palier en fonction des exigences d'une application spécifique et, dans ce cas, d'un chargement plus élevé.

Généralement, chaque fois qu'un niveau de chargement plus élevé est rencontré, une plus grande précision est nécessaire pour maintenir la fiabilité. Les conditions telles que la propreté, l'alignement, les dégagements, les finitions de la surface du tourillon et la lubrification doivent tous être contrôlés plus étroitement. Les recommandations ci-dessous sont destinées à optimiser les performances lors de l'utilisation de paliers à arbre à cames en alliage d'aluminium.

Un dégagement suffisant est nécessaire dans l'installation initiale. Ces roulements plus résistants nécessitent plus de temps pour créer leur propre jeu par rapport à des autres matériaux plus souples tel que le métal antifriction. Le dégagement minimal doit être de 0,002 po. En raison de l'accumulation des tolérances sur le bloc, l'arbre et le palier, il est impossible de contrôler le dégagement à cette limite uniquement avec le processus de fabrication du palier. Les dégagements doivent être mesurés lors de l'installation.

Il est déconseillé d'affiner les diamètres intérieurs des paliers à cames pour augmenter le dégagement puisque le grain résultant peut s'incruster dans des surfaces d'appui

et accélérer l'usure de l'arbre. Les diamètres intérieurs de palier peuvent être alésés, mais le moyen le plus pratique est d'ajuster les diamètres des tourillons de l'arbre à cames en rectifiant le tourillon. Même si la rectification n'est pas effectuée pour fournir un jeu supplémentaire, les tourillons des paliers d'arbre à cames doivent être polis à la finition de surface appropriée, avec l'arbre à cames tournant dans le même sens dans lequel ils tournent dans le moteur.

Comme le dégagement, l'alignement est également extrêmement important, en particulier pour les applications haute performance. Tout bloc qui nécessite une correction d'alignement de l'alésage du palier principal en raison d'une distorsion est susceptible d'avoir également connu une distorsion de l'alésage du palier à cames. Un dégagement adéquat peut aider à compenser un mauvais alignement mineur de moins de 0,001 po.

L'installation des paliers dans le bloc doit être faite avec précaution afin d'éviter de rogner le dos des coquilles. Cette action de grippage peut entraîner une accumulation de métal entre le diamètre extérieur du palier et l'alésage du corps, ce qui entraînera une réduction du dégagement. Pour éviter le grippage, vérifiez les alésages du corps pour garantir une entrée appropriée du chanfrein de 25 à 30 degrés avant d'installer des paliers à cames. Sur les blocs sans rainures derrière les paliers à cames, il faut veiller à ce que les trous de graissage s'alignent entre les paliers et les blocs. Lorsque le bloc comporte une rainure derrière le palier, le palier doit être installé avec le trou de graissage à la position de 2 heures, vu de l'avant pour la rotation normale dans le sens des aiguilles d'une montre. L'huile sera ainsi introduite dans l'espace de dégagement en dehors de la zone chargée et permettra à la rotation de l'arbre de former une pellicule d'huile avant la charge.

Conseils d'installation et de montage

Lors de la mesure des paliers, les mesures doivent toujours être prises à 90 degrés de la ligne de séparation pour déterminer le dégagement minimum. Si vous mesurez l'épaisseur de la paroi du palier, utilisez un micromètre spécial avec une touche sphérique pour épouser la courbure du diamètre intérieur du palier. La meilleure façon de déterminer le dégagement du palier consiste à mesurer le diamètre intérieur des paliers avec les paliers installés dans le corps et les boulons serrés au couple d'assemblage spécifié. Utilisez une jauge d'alésage avec un comparateur à cadran pour mesurer le diamètre intérieur du palier à 90 degrés de la ligne de séparation, puis soustrayez la taille de l'arbre du diamètre intérieur du palier pour déterminer le dégagement. Si la jauge d'alésage avec un comparateur à cadran est mise à zéro au diamètre réel du tourillon du vilebrequin à installer, la jauge d'alésage avec un comparateur à cadran lira alors le dégagement directement et le calcul de soustraction peut être éliminé. Environ 0,001 po de dégagement par pouce de diamètre d'arbre est une bonne règle pour le calcul du dégagement. L'augmentation du total d'environ 0,0005 po ajoutera une petite marge de sécurité lors du démarrage, en particulier pour les bielles. Exemple : $0,001 \text{ po} \times 2,100 = 0,0021 \text{ po}$ et ajoutez ensuite 0,0005 po, le dégagement au départ est de 0,0026 po pour un arbre de 2,100.

Si des dégagements doivent être ajustés, utilisez soit une pièce à une taille supérieure pour augmenter le dégagement, soit une pièce à une taille inférieure pour réduire le dégagement. Les tailles peuvent être mélangées si un réglage de dégagement de moins de 0,001 po s'avère nécessaire. Lorsque du mélange des tailles pour un ajustement par sélection ne mélange jamais les pièces ayant une différence de plus de 0,0005 po dans la taille de la paroi et installez toujours le coussinet le plus épais dans la position supérieure si vous installez un palier de bielle ou dans la position inférieure si

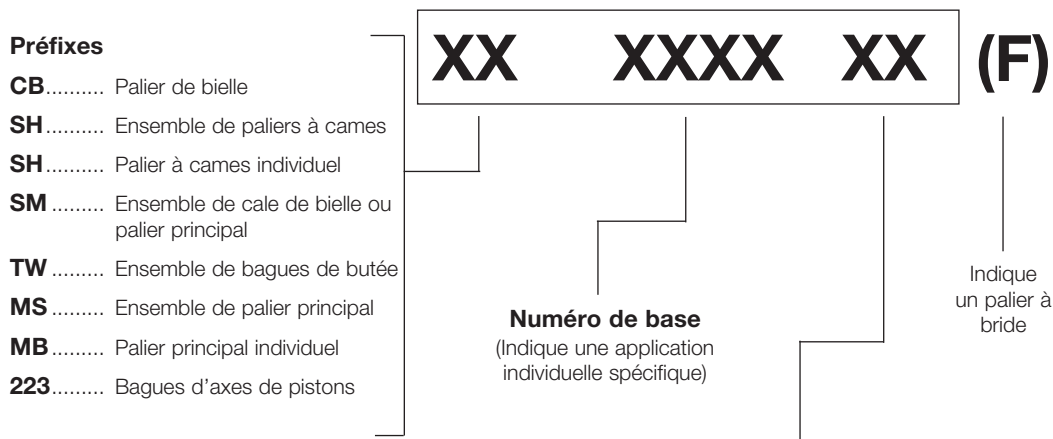
vous installez un palier principal. Lorsque vous travaillez avec un arbre rectifié, mesurez toujours les diamètres intérieurs des paliers assemblés d'abord et dimensionnez la taille de l'arbre pour produire le dégagement souhaité puisqu'il n'y a pas de pièces d'augmentation de dégagement disponibles pour les arbres de taille inférieure.

Lors de la mesure de diamètre intérieur du palier ou d'une épaisseur de paroi, évitez de mesurer au niveau de la ligne de séparation. Comme l'illustre le diagramme Conception de palier, il existe un relief de ligne de séparation usiné dans presque toutes les coussinets de palier. Ce relief sert de compensation à toute une mauvaise correspondance entre les coussinets supérieurs et inférieurs en raison de différences de tolérance, ou éventuellement résultant du déplacement du chapeau ou de la torsion lors de l'assemblage. Pour déterminer l'excentricité de la paroi du palier ou l'ovalisation du DI du palier assemblé, mesurez à un point d'au moins à 3/8 po de la ligne de séparation.

Lors de l'installation d'un palier, **NE PAS POLIR LA SURFACE DE GLISSEMENT DU PALIER AVEC N'IMPORTE QUEL TYPE DE TAMPON OU DE PAPIER ABRASIF.**

Les couches de recouvrement des paliers sont particulièrement souples et minces, en principe 0,0005 po sur des pièces performantes. Ces couches minces peuvent être facilement endommagées ou enlevées par des matériaux abrasifs. Dans la mesure où la couche de recouvrement est électrodéposée, elle peut présenter des nodules de plaquage microscopique qui la rendent légèrement rugueuse. Le matériau des nodules est le même que le reste de la couche plaquée et seront rapidement aplaties par l'arbre. Les surfaces de palier peuvent être légèrement brunies avec un solvant et une serviette en papier.

Identification des numéros de pièce



Suffixes

A

Paliers en alliage de silicium-aluminium sans plomb avec renforcement en acier sans recouvrement.

AL

Paliers en alliage d'aluminium coulé solide (désignation du matériau AL-1) ou paliers avec renforcement en acier et revêtement en alliage d'aluminium (désignation du matériau AL-3, AL-4, AL-5, AL-6). Les paliers de précision sous-dimensionnés ne sont pas redimensionnables. Les semi-paliers AL-1 sont redimensionnables à la taille standard.

AP

Voir les définitions des suffixes «A» et «P».

B

Paliers avec renforcement en acier et revêtement en métal antifriction standard. Les paliers de précision sous-dimensionnés ne sont pas redimensionnables. Les paliers B-60 sont redimensionnables à la taille standard (désignation du matériau B-1).

C

Paliers avec renforcement en acier et revêtement en cuivre-plomb Les paliers de précision sous-dimensionnés ne sont pas redimensionnables. Les paliers C-60 sont redimensionnables à la taille standard (désignation du matériau C-1).

G

Les paliers renforcés en acier avec une matrice de cuivre et un infiltrant de métal antifriction plomb-étain. Les paliers de précision sous-dimensionnés ne sont pas redimensionnables. Les paliers G-60 sont redimensionnables à la taille standard (désignation du matériau C-1).

P

Paliers renforcés en acier avec une couche intermédiaire d'alliage cuivre-plomb et un recouvrement électrodéposé en plomb-étain-cuivre. Les sous-dimensions de précision ne sont pas redimensionnables (désignation du matériau TM-1, TM-, TM-112).

R

Indique que le palier peut être redimensionné à la norme. Lors du suivi d'un palier d'arbre à cames, indique qu'il a un diamètre d'alésage supplémentaire dans le diamètre intérieur. Tous les autres paliers à arbre à cames sont de type précision (désignation du matériau B-1, C-1, AL-3).

S

Indique une désignation de numéro d'ensemble.

W

Indique une pièce qui est une bague de butée (peut également être désignée supérieure ou inférieure).

Désignations et terminologie des matériaux de palier

AL-1

Alliage d'aluminium coulé solide.

AL-3

Alliage d'aluminium avec renforcement en acier sans recouvrement.

AL-4

Alliage d'aluminium avec renforcement en acier et recouvrement en métal antifriction.

AL-5

Alliage de silicium-aluminium sans plomb avec renforcement en acier sans recouvrement.

AL-6

Alliage d'aluminium-silicium avec renforcement en acier sans recouvrement.

B

Bronze laminé.

B-1

Étain avec renforcement en acier ou métal antifriction standard à base de plomb (épaisseur nominale de 0,020 po)

B-2

Étain avec renforcement en acier ou à base de plomb avec revêtement micro-métal antifriction (épaisseur

nominale de 0,006 po)

C-1

Matrice en cuivre-plomb avec renforcement en acier sans recouvrement.

TM-1

Matrice en cuivre-plomb avec renforcement en acier avec recouvrement.

TM-77

Paliers avec renforcement en acier et couche intermédiaire d'alliage cuivre-plomb et un recouvrement électrodéposé à base de plomb. Les paliers de précision sous-dimensionnés ne sont pas redimensionnables.

TM-112

Paliers avec renforcement en acier et couche intermédiaire d'alliage cuivre-plomb et recouvrement électrodéposé à base de plomb. Les paliers de précision sous-dimensionnés ne sont pas redimensionnables.

Diamètre extérieur du palier ou alésage du corps

Le diamètre du minimum au maximum du trou dans le bloc moteur ou la bielle.

Tassement

Lorsque la moitié du palier est à sa place dans l'alésage du corps, un peu de matériau dépassera au-dessus de l'alésage du corps. Lorsque l'assemblage est serré à une spécification appropriée, une force est alors exercée sur le DE du palier entraînant un ajustement par pression. Le tassement contribue également à la distorsion de l'alésage et au transfert de chaleur en augmentant le contact de la surface avec le palier et l'alésage. La quantité de tassement varie en fonction de l'application.

Excentricité

Une réduction graduelle de l'épaisseur de la paroi du palier commençant à la couronne et se terminant à environ 0,380 po des lignes de séparation.

Annulaire rainuré totalement

Les paliers disposant d'une rainure d'huile coupent de la ligne de séparation à la ligne de séparation dans la surface interne du demi-coussinet. Lorsque deux

moitiés rainurées sont assemblées, une rainure est créée dans la surface interne autour de la circonférence totale du palier.

Longueur maximale du palier

La longueur maximale d'un palier (y compris le cas échéant, les brides). La longueur réelle est habituellement inférieure à cette valeur.

Paroi maximale au niveau de la couronne

L'épaisseur maximale de la paroi de palier à 90° par rapport aux lignes de séparation. L'épaisseur réelle est habituellement inférieure à cette valeur.

Diamètre standard de l'arbre

La taille minimale à maximale du tourillon du vilebrequin principal standard, du tourillon de la bielle ou du tourillon de l'arbre à cames.

Dégagement vertical pour l'huile

La différence entre le diamètre intérieur assemblé du palier et le diamètre extérieur de l'arbre, mesurée à 90° par rapport aux lignes de séparation des paliers.

Manchons de boulon, dispositifs de protection des paliers et jauge plastique

Manchons de boulon Clevite®

Les manchons de boulon Clevite protègent les surfaces des tourillons pendant l'assemblage du moteur, empêchant ainsi les dommages au vilebrequin. Livré avec 2 par sac et vendu en cartons de 48 paires ensachées uniquement.

2800-B1 (quantités de 48 uniquement)

Dispositif de protection des paliers Clevite®

Le dispositif de protection des paliers Clevite® est spécialement formulé pour assurer une lubrification appropriée à tous les composants du moteur lors de l'assemblage et aux premiers moments d'opération cruciaux après le démarrage du moteur. Le dispositif de protection des paliers a une excellente propriété extrême-pression (EP) pour les applications les plus intenses.

Bouteille **2800-B2** Bouteille de 8 onces (quantités de 12 uniquement)

2800-B4 Pichet de 1 gallon (vendu individuellement)

2800-B5 Paquet de 1-1/3 onces (quantités de 50 uniquement)

2800-B15 Tambour de 15 gallons (vendu individuellement)

Bouteille **CL-400** 4oz (protection de la came) (quantités de 12 uniquement)

Jauge plastique Clevite®

La jauge plastique a été conçue pour servir de contrôle final du dégagement vertical total pour l'huile lors du réassemblage. Elle n'est pas censée servir de remplacement pour mesurer correctement les tourillons du vilebrequin, les alésages du corps ni les dimensions du palier avant le réassemblage du moteur avec des instruments et des jauges de précision.

Pour utiliser correctement la jauge plastique pendant le réassemblage, des mesures doivent être effectuées sur le demi-coussinet du capuchon de palier, tandis que le poids de l'arbre de vilebrequin ou du piston et de la bielle est supporté par l'autre demi-coussinet.

Placez une petite quantité d'huile sur le tourillon du vilebrequin uniquement lorsque la jauge plastique est appliquée et essuyez l'excès d'huile avec un chiffon propre. La lecture sera plus précise en empêchant la jauge plastique de coller au tourillon.

Placez un fil de la jauge plastique sur toute la longueur du tourillon parallèle au vilebrequin.

Placez le capuchon en place et serrez les boulons à la spécification de couple OEM appropriée. REMARQUE : si le vilebrequin est déplacé à ce moment-là, la jauge plastique s'étalera ce qui fausserait les lectures.

Retirez délicatement le capuchon et mesurez la jauge plastique tassée à l'aide des graduations imprimées sur le paquet. Mesurez le tassement sur toute la longueur de la jauge plastique, en notant les hauts et les bas pour obtenir un dégagement approprié.

Après avoir effectué les mesures, retirez soigneusement la jauge plastique tassée des composants sans rayer le palier ou le tourillon.

La jauge plastique Clevite® est disponible en quatre tailles pour vérifier le dégagement vertical total pour l'huile sur les paliers de la bielle ou les paliers principaux. Chaque paquet dispose d'une échelle de mesure imprimée en pouces et en millimètres. Les bandes, qui sont solubles dans l'huile, sont codées en couleur pour faciliter l'identification de la taille.

MPG1 0,001 po—0,003 po (0,025 —0,075 mm) vert*

MPR1 0,002 po—0,006 po (0,050 —0,15 mm) rouge*

MPB1 0,004 po—0,009 po (0,10 —0,23 mm) bleu*

MPY1 0,009 po—0,020 po (0,23 —0,50 mm) jaune*

(*Vendu en quantités de 12 bandes seulement)

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Para servicio técnico llame al:
1-800-248-9606



**Horario: 8:30 am - 6:00 pm hora del Este
(Lunes - Viernes)**

El uso de cojinetes Clevite® para motores, juntas, pistones y anillos MAHLE Original® en aviones u otros equipos especiales puede ser una violación de las leyes, reglamentos y regulaciones de la Agencia Reguladora Local, Estatal o Federal.

Estos productos están destinados únicamente para aplicaciones automotrices. Bajo NINGUNA circunstancia se debe utilizar estos productos en aplicaciones no automotrices incluyendo, sin limitación, motores de aeronaves, equipos médicos, dispositivos de energía atómica o reactores.

“Las leyes federales, estatales y locales restringen la remoción, inutilización o, en algunos casos, la modificación de los dispositivos o sistemas de emisión instalados de fábrica. California restringe el uso de piezas que pudieran aumentar las emisiones en vehículos diseñados para uso en calles públicas o en carreteras. Está prohibida la venta o instalación de ciertos componentes

de control de emisiones no aprobados por California Air Resources Board en vehículos con emisiones controladas, que alteren o modifiquen el diseño o funcionamiento original del sistema de control de emisiones de dicho vehículo. Algunas de las partes listadas y ofrecidas para la venta en este catálogo pueden caer dentro de las restricciones señaladas. Dichas partes están destinadas sólo para uso en vehículos todo terreno que participen en eventos competitivos o en otros tipos de vehículos que estén exentos de las leyes aplicables de control de emisiones. La instalación de estas partes en vehículos sujetos a leyes de control de emisiones puede estar prohibida.

MAHLE Aftermarket recomienda que se revisen las leyes aplicables de control de emisiones antes de considerar la instalación de partes complementarias o modificadas”.

Teflon y Viton son marcas registradas de DuPont Corporation.



Este catálogo de cojinetes, lista los cojinetes de reemplazo OE de Clevite® Aftermarket para uso en motores de automóviles y camiones nacionales e importados. Está dispuesto en orden alfabético apareciendo el nombre del fabricante en negrita en el margen exterior de cada página. El índice en el frente de este catálogo ayudará a localizar fácilmente al fabricante buscado.

Para encontrar el número de pieza Clevite correcto:

1. Use el índice del fabricante en el frente de este catálogo para ubicar el listado del fabricante del vehículo.

2. Vuelva a la sección del fabricante indicada, y usando los datos del motor provistos, ubique el número de bloque correspondiente indicado a la derecha del motor deseado. También se incluyen datos sobre el modelo para ayudar a identificar qué motores se usaron en modelos determinados durante los años de producción regular.

3. Vaya al bloque indicado y ubique el cuadrante con el nombre apropiado de pieza (ej. cojinete de biela, conjunto del cojinete de leva, conjunto de cojinetes principales). Notas especiales con referencia a datos sobre el uso se encuentran en la línea directamente debajo del número de pieza (es decir años, números de serie). Preste particular atención a las notas especiales al pie de la página indicadas por símbolos, que llaman la atención sobre materiales sucedáneos disponibles y sobre la disponibilidad de ítems nuevos, sustitutivos, o descontinuados.

4. Pase la vista horizontalmente hasta el número de pieza requerido, asegúrese de optar por la pieza deseada cuyas dimensiones sean ligeramente inferiores de entre los tamaños corrientemente disponibles.

Cada listado de fabricante incluye **dos** secciones distintas. La **primera** que se encuentra al principio de cada listado, consiste en la

información sobre el motor, la que es utilizada para asistir en la correcta identificación de los motores empleados por el fabricante. Se incluyen también códigos de motores para todos los motores europeos y japoneses para ayudar en su identificación. La **segunda** consta de datos sobre el modelo con los motores correctos que se usaron en vehículos y años de modelos específicos.

Los motores que usan las mismas piezas están agrupados para ahorrar lugar en los listados. Los motores están primeramente ordenados por el número de cilindros en forma ascendente (o sea, 4 cilindros, 6 cilindros, 8 cilindros), y luego por su desplazamiento en orden ascendente (o sea, 200-229, 231-252, 260 diésel). Cada bloque está dividido en dos cuadrantes distintos. Cada cuadrante contiene información perteneciente a los motores específicos listados en la línea de datos de la aplicación arriba de este. Los cuadros de las siguientes páginas le ayudarán a especificar los números de pieza correctos de los cojinetes y los tamaños ligeramente inferiores deseados.

El Cuadrante A incluye información acerca de los tipos de cojinetes y el número de pares requeridos (en caso de ser aplicable), la designación del material del cojinete (ver el cuadro en las páginas siguientes), el número de pieza Clevite®, y todas las medidas ligeramente inferiores disponibles. También se indican las posiciones de los cojinetes y las arandelas de empuje individuales dentro de un conjunto para asegurar su instalación correcta en el motor. Cualquier información necesaria acerca de su aplicación o ins-

talación aparece como un mensaje de “NOTA” debajo del conjunto afectado o como un número de pieza individual. Si un juego de cojinetes de principal no incluye las arandelas de empuje, el juego principal listado arriba tendrá una NOTA diciendo: “Es necesario el juego de arandelas de empuje [número de conjunto]”.

Todos los datos para talleres se expresan en pulgadas, aun cuando el motor haya sido fabricado en base a especificaciones métricas (un recordatorio de esto aparece en el Cuadrante B de todos los motores métricos).

El Cuadrante B contiene especificaciones de datos para talleres correspondiente al cojinete individual Clevite® directamente a la izquierda en el Cuadrante A. Esta información detallada para talleres se divide en cinco columnas que se leen de izquierda a derecha:

1. Diámetro estándar del eje (árbol).
2. Holgura vertical para aceite.
3. Máximo en la pared de la corona.
4. Diámetro exterior del cojinete o agujero de la cubierta.
5. Largo máximo del cojinete

CUADRANTE A

CUADRANTE B

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL				
1	81 CID (1.3L) SOHC 8V L4 Mazda VIN Code: 'H' (1990-1997)			2.795"/71.0mm x 3.290"/83.6mm				1
Rod Bearing (4)	AL-3	CB-1279AL	STD.,.25mm,.50mm,.75mm 1.00mm	1.5724/1.5730	0.0010/0.0031	0.0596	1.6929/1.6935	0.6740
Main Bearing Set 1-2-3-4-5	AL-3	MS-1802AL MB-3173AL	STD.,.25mm,.50mm,.75mm	1.9661/1.9668	0.0009/0.0017	0.0792	2.1260/2.1267	0.6890
NOTE: Requires Thrust Washer Set, Not Included Use with Part Number TW-472S								
Thrust Washer Set		TW-472S MB-3173W	STD	2.2539			2.7165	0.1000
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1802AL								



Principales causas de fallas en los cojinetes

Como usted sabe, todas las partes de los motores de automóviles se desgastan con el tiempo. Y si todas las partes rindieran toda la extensión de su duración esperada, su trabajo sería bastante sencillo: reemplazar las partes desgastadas. Por desgracia, no siempre podemos contar con que una pieza del motor falle solamente porque ya excedió su duración normal. Un técnico no debe de ser solamente un “reemplazador de piezas” sino que, al igual que un médico, debe de ser capaz de determinar por qué una pieza falla de manera prematura. La tabla a continuación lista las ocho causas principales de falla prematura de los cojinetes del motor, junto con las cifras porcentuales que indican la frecuencia con la que cada una ha resultado ser la principal contribuyente a la falla prematura del cojinete. Sin embargo, es importante notar que en muchos casos una falla prematura del cojinete se debe a una combinación de varias de estas causas.

CAUSAS PRINCIPALES DE FALLA PREMATURA DEL COJINETE

Suciedad	45.4%
Ensamble incorrecto	12.8%
Desalineación	12.6%
Lubricación insuficiente	11.4%
Sobrecarga	8.1%
Corrosión	3.7%
Acabado incorrecto del eje	3.2%
Otras	2.8%

Así, podemos razonar que si un técnico simplemente sustituye un cojinete dañado en un motor sin determinar la causa de su falla, más del 99% de las veces estará sometiendo el cojinete de reemplazo a la misma causa responsable de la falla original. Lo que significa todo esto es que así como un médico no puede

curar a un paciente hasta haber determinado lo que le aqueja, un técnico no puede corregir la causa de la falla prematura del cojinete sino hasta determinar primero la causa de la falla.

Para su conveniencia, cada falla está organizada en cuatro temas principales:

- 1. Aspecto** – una ilustración y una breve descripción de un cojinete que ha fallado debido a una causa específica.
- 2. Acción dañina** – lo que realmente dañó el cojinete bajo las condiciones en las que se encontraba.
- 3. Causas posibles** – una lista de los factores capaces de crear la acción dañina en particular.
- 4. Acción correctiva** – la acción que debe ser tomada para corregir la causa de la falla.

Hasta aquí se han cubierto los tipos de fallas más comunes. Consulte la guía de desgaste de cojinetes en www.mahle-aftermarket.com como referencia para ayudarle a determinar correctamente la causa de las fallas prematuras de los cojinetes.

Aspecto normal

Patrón de desgaste uniforme en aproximadamente 2/3 de la superficie del cojinete. El desgaste debe disminuir cerca de los extremos de la línea de separación del cojinete y el patrón de desgaste debe extenderse uniformemente a lo largo del cojinete en la dirección axial.



Partículas extrañas en el recubrimiento

ASPECTO

Hay partículas extrañas incrustadas en el recubrimiento del cojinete. También puede haber marcas de raspaduras en la superficie del cojinete.

ACCIÓN DAÑINA

Polvo, mugre o partículas abrasivas o metálicas, presentes en el abasto de aceite, se incrustan en el recubrimiento babbitt (antifricción) suave del cojinete, desplazando el metal y creando un punto saliente.

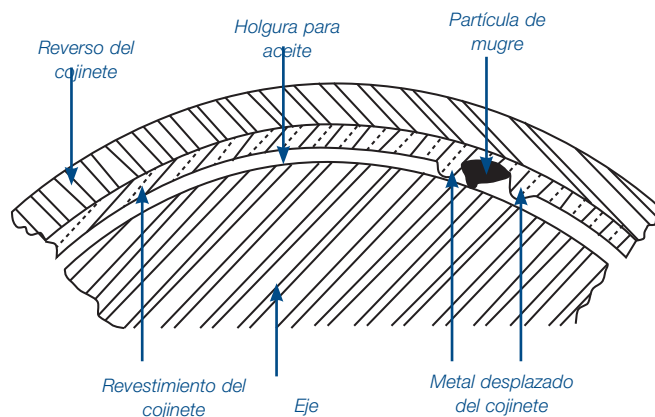
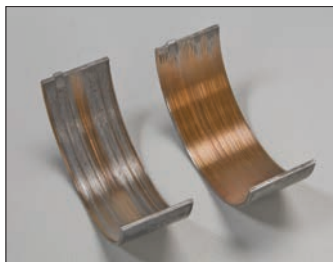
Este punto saliente puede ser grande y hacer contacto con el eje, causando una acción de frotamiento que puede llegar a provocar la avería y ruptura del recubrimiento del cojinete. Las partículas extrañas pueden incrustarse solo parcialmente y la porción saliente puede llegar a estar en contacto con el eje, causando una acción de trituración.

CAUSAS POSIBLES

1. Limpieza inadecuada del motor o sus partes antes del ensamblado.
2. Polvo y arena del camino que entran en el motor a través del colector de escape o de un filtro de aire defectuoso.
3. Desgaste de otras partes del motor, lo que provoca que fragmentos pequeños de dichas partes entren en la alimentación de aceite del motor.
4. Descuido en el reemplazo del filtro de aceite o del filtro de aire.

ACCIÓN CORRECTIVA

1. Inspeccione la superficie del eje y vuelva a pulirla si descubre un desgaste excesivo.
2. Instale cojinetes nuevos siguiendo los procedimientos de limpieza debidos.
3. Recomiende que el operador reemplace el aceite, el filtro de aceite y el filtro-respiradero de la caja del cigüeñal como lo recomiende el fabricante.



Partículas extrañas en el reverso del cojinete

ASPECTO

Puede verse un área localizada de desgaste en la superficie del cojinete. Asimismo pueden ser visibles evidencias de partículas extrañas en el reverso del cojinete o en la caja del cojinete directamente detrás del área de desgaste superficial.

ACCIÓN DAÑINA

Las partículas extrañas entre el cojinete y la caja impiden que esté en contacto el área completa del reverso del cojinete con la base la caja. En consecuencia, no es uniforme la transferencia de calor de la superficie del cojinete, lo que causa un calentamiento localizado en la superficie, reduciendo la duración del cojinete.

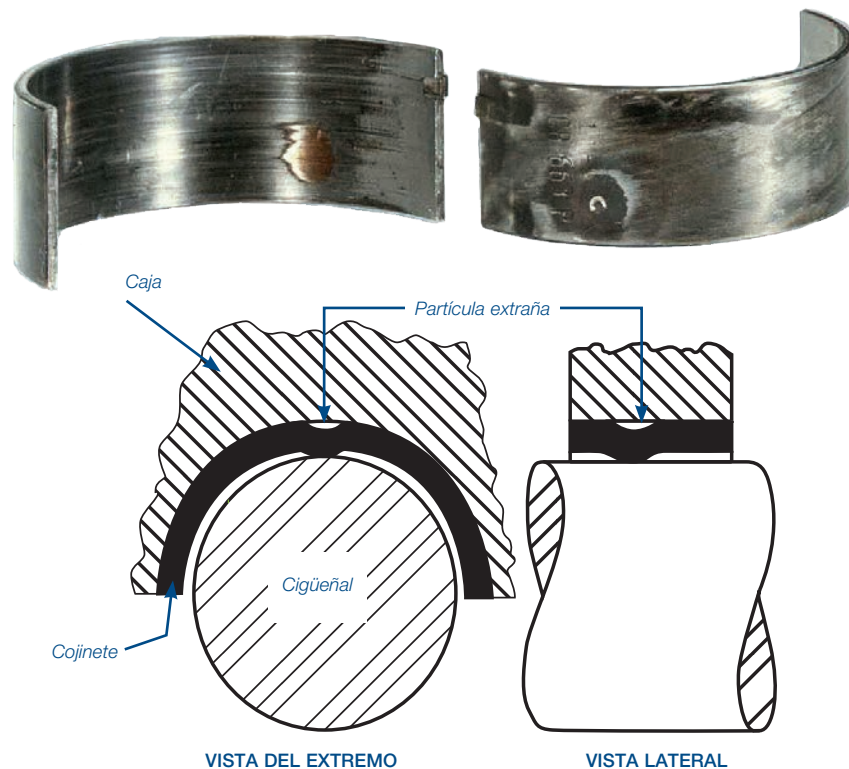
Asimismo, una distribución dispareja de la carga causa un área de presión anormalmente alta en la superficie del cojinete, incrementando el desgaste localizado del material.

CAUSAS POSIBLES

La mugre, el polvo y las partículas abrasivas o metálicas presentes en el motor al momento del ensamble o creadas en una operación de eliminación de rebabas pueden incrustarse entre el reverso y la caja del cojinete durante la operación del motor.

ACCIÓN CORRECTIVA

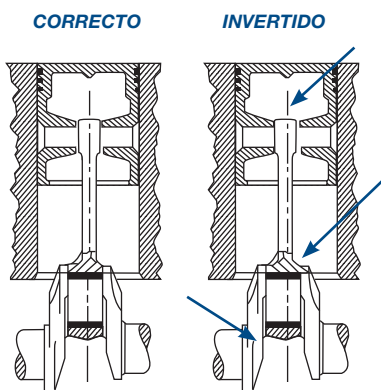
1. Inspeccione la superficie del eje y vuelva a pulirla si descubre un desgaste excesivo.
2. Instale cojinetes nuevos siguiendo los procedimientos debidos de limpieza y eliminación de rebabas.



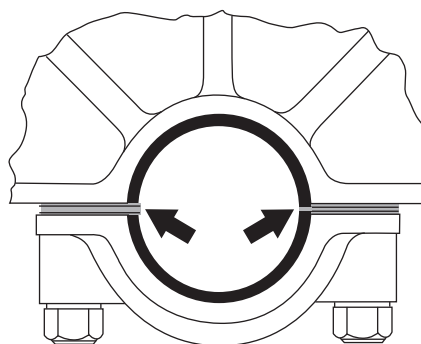
Ensamble incorrecto

Los cojinetes del motor no funcionan debidamente si están mal ensamblados. En muchos casos, un mal ensamble provoca falla prematura del cojinete.

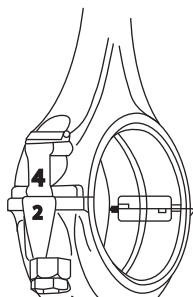
Los siguientes son los errores de ensamble que más comúnmente se cometen en la instalación de cojinetes de motor.



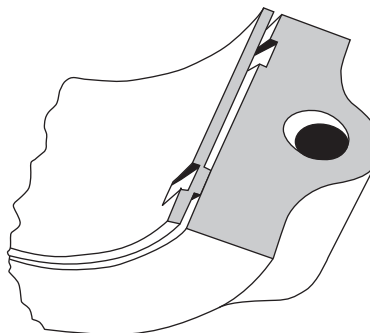
Posición invertida de la biela de compensación



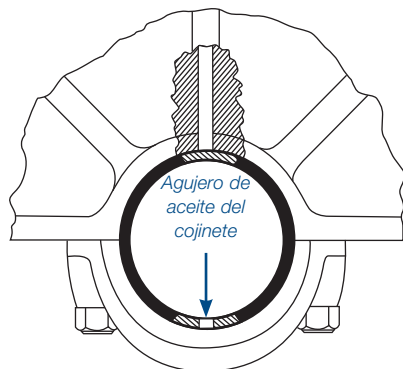
Instalación inadecuada de la calza



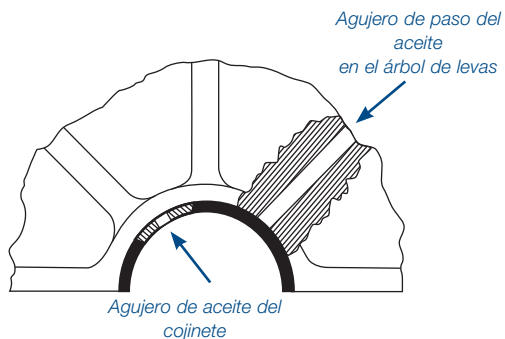
Tapa del cojinete en posición invertida o equivocada



Ruedas de localización no anidadas



Mitades del cojinete invertidas



El agujero de aceite del cojinete no está alineado con el agujero de paso del aceite.

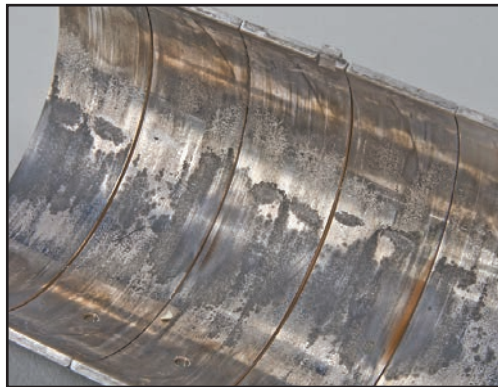
Fatiga del recubrimiento

ASPECTO

La superficie del cojinete está cubierta, totalmente o en parte, por una red de finas grietas limitadas en profundidad a tan solo .0005" de la capa superficial.

ACCIÓN DAÑINA

En ocasiones, el aspecto es peor que el problema real. La fatiga del recubrimiento generalmente es causada por la sobrecarga localizada de la superficie del cojinete. Una vez que se forman grietas finas, el material restante de la cubierta fluye para rellenar las grietas y aliviar la concentración de la carga. Si toda la superficie del cojinete muestra esta condición es un indicio de sobrecarga, debida posiblemente a la detonación o al uso de un cojinete estándar en una aplicación de alto desempeño. Si el cojinete ya llegó al final de su duración natural de servicio y se observa el problema, proceda con las reparaciones normales.



CAUSAS POSIBLES

Sobrecarga. Los materiales babbitt (antifricción) de la cubierta brindan una superficie de acción, reducen la fricción, acomodan ligeras desalineaciones y atrapan partículas extrañas. Los materiales babbitt no tienen mucha resistencia a la fatiga y las bielas Bore Flex de un motor fuertemente cargado pueden fatigar el material de la cubierta y causar fracturas.

ACCIÓN CORRECTIVA

1. Si la duración del servicio del cojinete viejo es adecuada, reemplácelo con el mismo tipo de cojinete para obtener una duración similar.
2. Si la duración del servicio del cojinete viejo fue demasiado corta, reemplácelo con un cojinete de trabajo pesado para obtener una mayor duración.
3. Reemplace los demás cojinetes (principal, bielas y árbol de levas) ya que la duración que les quede podría ser corta.
4. Si hay disponibles cojinetes de carreras Clevite H-Series, cámbielos.

Aplastamiento excesivo

ASPECTO

Los cojinetes pueden tener un pulimento o desgaste localizado cerca de las líneas de división o junto al agujero del aceite. El contacto aparece con frecuencia en forma de "X" cuando está junto al agujero del aceite.

ACCIÓN DAÑINA

La pared del cojinete aumenta en grosor debido a la alteración (ablandamiento) del soporte de acero. Esto causa un contacto localizado con el eje, con el consiguiente pulimento y desgaste.

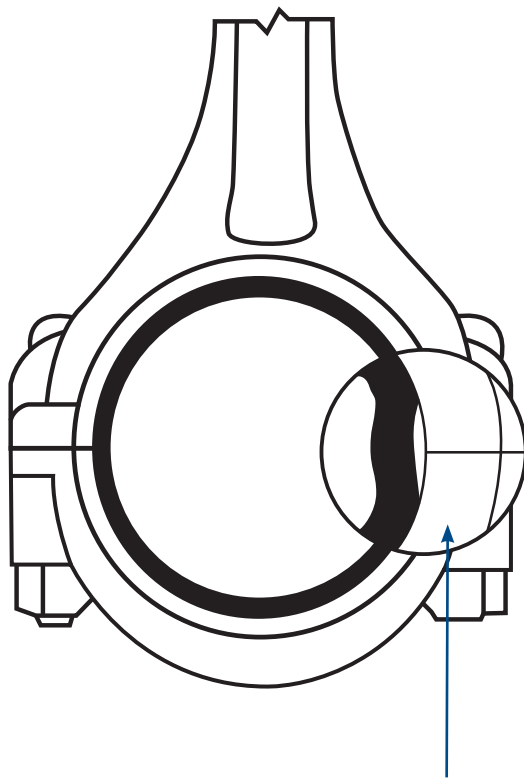
CAUSAS POSIBLES

Los cojinetes están diseñados para ser una ligera interferencia al estar alojados en el agujero la caja. El "aplastamiento" del cojinete, que es parte de su diseño, controla esto. Instalar un cojinete en un agujero de menor tamaño incrementa

el aplastamiento y hace que ceda el soporte de acero y se engrose en el punto de menor resistencia. Esto generalmente se presenta en el agujero del aceite o junto a las líneas de separación si no hay agujero.

ACCIÓN CORRECTIVA

1. Verifique que el cojinete instalado sea el adecuado para la aplicación.
2. Inspeccione la caja para verificar que el tamaño esté dentro de las especificaciones del fabricante y cambie el tamaño si es necesario.
3. Todos los cojinetes Clevite están diseñados con un aplastamiento máximo para proporcionar la mayor cantidad de retención. Nunca trate de reducir la holgura instalando un cojinete en una caja menor del tamaño mínimo especificado.



Aplastamiento
excesivo



Bielas dobladas o torcidas

ASPECTO

Las bielas dobladas muestran un fuerte desgaste en los lados diagonalmente opuestos de cada casquillo, generalmente con una distribución cargada hacia el borde. Las bielas torcidas muestran un desgaste que va en diagonal a lo largo de la superficie del cojinete.

ACCIÓN DAÑINA

Las bielas torcidas o dobladas producen desalineación del agujero, haciendo que el cojinete esté ladeado, por lo que borde hace contacto metal con metal con el eje, lo que puede causar un desgaste excesivo en la superficie del cojinete.

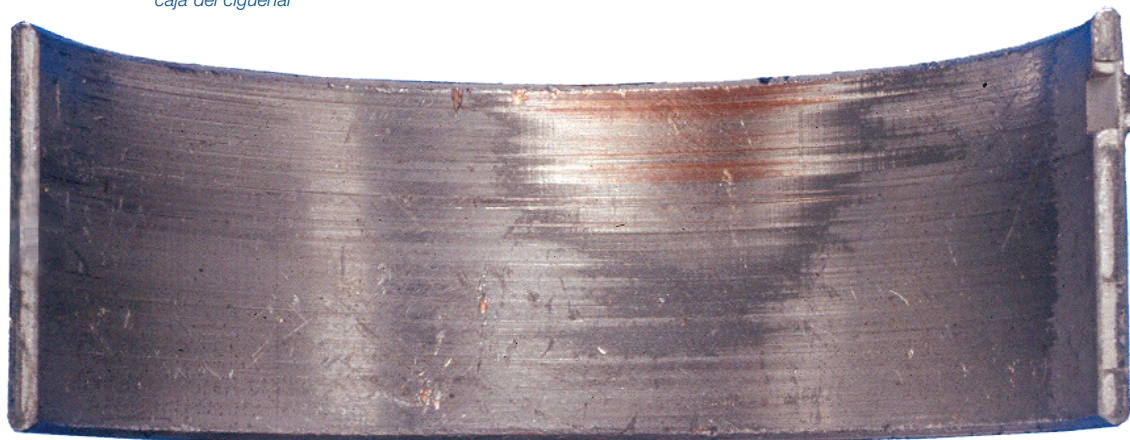
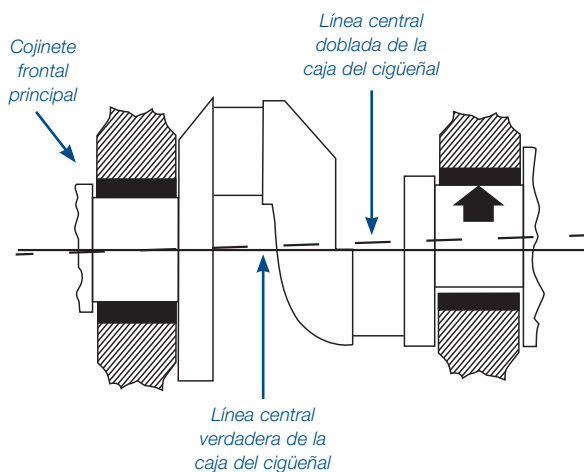
CAUSAS POSIBLES

La causa más común de una biela doblada es una falla anterior del motor, como un empaque roto del cabezal, lo que permite que el cilindro se llene de refrigerante, o una válvula caída que hace que el pistón y la biela reciban una carga extrema, provocando la deformación de la biela.

Las torceduras generalmente se producen durante el proceso de manufactura o de reacondicionamiento si no se mantienen paralelos los agujeros superior e inferior.

ACCIÓN CORRECTIVA

1. No deben reutilizarse bielas dobladas o torcidas sino que deben repararse o reemplazarse. Volver a utilizarlas provocaría la misma falla.
2. Instale cojinetes nuevos siguiendo los procedimientos de limpieza debidos.



Escasez de aceite/película marginal de aceite

ASPECTO

Esta falla es muy común, pero difícil de diagnosticar, especialmente para una persona que no ve muchas fallas de cojinetes. La razón es el avance de raspaduras de la superficie del eje que penetran la película de aceite y hacen contacto con el cojinete, en las primeras etapas, hasta provocar una falla total (corto caliente) que puede aparecer rápidamente en todo el interior del motor. El desgaste generalmente empieza en el centro del cojinete y avanza hacia los bordes exteriores.

ACCIÓN DAÑINA

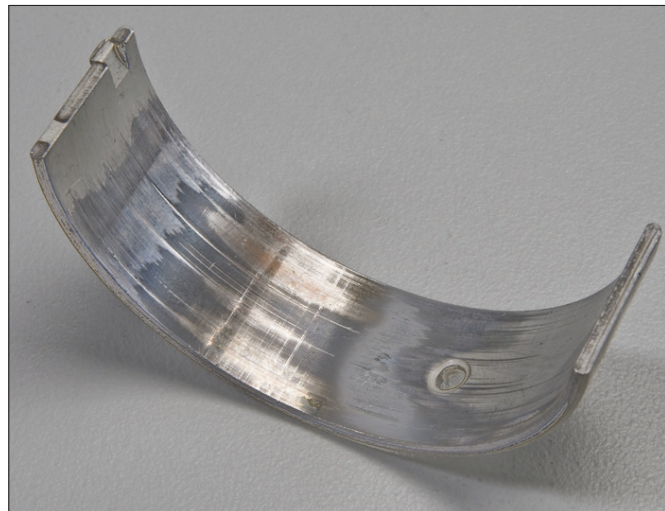
La ausencia de una película suficiente de aceite entre el cojinete y el eje permite el contacto de metal con metal. La acción resultante de frotado causa una falla prematura del cojinete.

CAUSAS POSIBLES

1. Holgura muy pequeña para aceite del cojinete
2. Demasiada holgura en el cojinete aunado a cargas pesadas
3. Cantidad, calidad y viscosidad del aceite
4. Problemas con la distribución del aceite o la presión del aceite
5. Partes mal ensambladas que bloquean los agujeros del aceite
6. Arranque en seco sin lubricación previa
7. Alta presión en los cilindros, lo que reduce el espesor de la película de aceite.

ACCIÓN CORRECTIVA

1. Revise meticulosamente todas las mediciones tomadas durante el procedimiento de selección de cojinetes para detectar cualquier error de cálculo. Esto puede hacerse durante el ensamble con Plastigage® de Clevite.
2. Revise que el cojinete de reemplazo sea el adecuado para la aplicación.
3. Revise si los ejes tienen daños y vuelva a pulirlos si es necesario.
4. Revise si hay bloqueos del paso de aceite, de la pantalla de succión de aceite o del filtro de aceite del motor.
5. Revise la operación de la bomba de aceite y la válvula de alivio de la presión.
6. Revise que los agujeros de aceite estén debidamente indizados al instalar los cojinetes de reemplazo.
7. Revise que la calidad del aceite, la base de aditivo y la viscosidad sean adecuadas para la aplicación.
8. Siempre prepare el sistema de lubricación antes de arrancar el motor por primera vez.
9. Instale cojinetes nuevos siguiendo los procedimientos de limpieza debidos.



Cojinetes recubiertos de polímero

El aumento en la demanda de cojinetes en los motores modernos, como la reducción de tamaño, la turboalimentación y la operación de parada/puesta en marcha, aumenta el foco en la capacidad de carga, el desgaste y la resistencia al atascamiento. Los ingenieros de OE MAHLE desarrollaron un recubrimiento de polímero patentado para combatir el desgaste adicional del cojinete del motor. ¡Esta misma tecnología de OE MAHLE ya está disponible para posventa!

Con el fin de contrarrestar este desgaste cada vez mayor y la falla asociada de los componentes, MAHLE ha aplicado a la superficie de rodadura del cojinete una capa de lubricante polimérico funcional, hecha de una poliamida imida de alto rendimiento, un lubricante sólido y partículas metálicas. Esta combinación proporciona una excelente resistencia mecánica y una resistencia térmica y química excepcional.

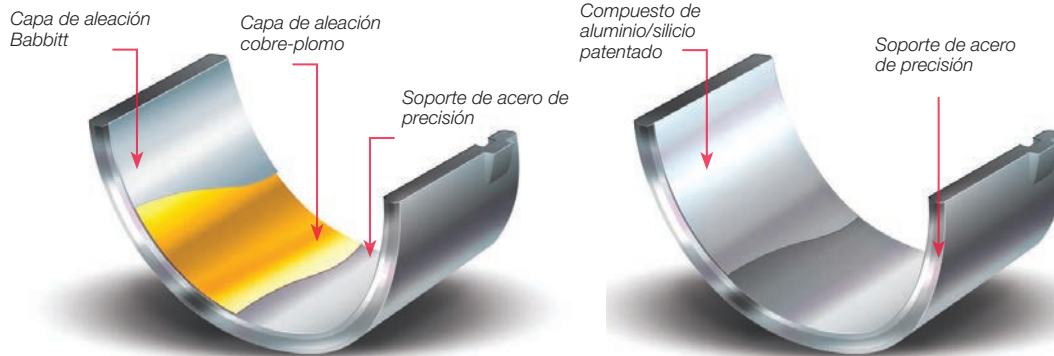
El recubrimiento protege los casquillos de los cojinetes contra el contacto directo de metal a metal. Las partículas metálicas homogéneamente distribuidas, alineadas en la dirección de rodadura sobre la superficie, proporcionan una muy buena resistencia al desgaste, resistencia mecánica y conductividad térmica.

Las pruebas tribológicas en MAHLE han demostrado que los cojinetes recubiertos de esta manera son más de 15 veces más resistentes al desgaste que los cojinetes no recubiertos. Esta es una mejora significativa que contribuye a la posibilidad de medidas actuales y futuras de diseño del motor para reducir el consumo y las emisiones sin aumentar el desgaste.

Los cojinetes de polímero aparecerán en el catálogo en donde se utilicen.



¿Cojinetes TriMetal™ o BiMetal™?



Los cojinetes de inserción proporcionan una superficie de desgaste convenientemente reemplazable que permite el rescate del eje de acoplamiento mediante el rectificado a un nuevo diámetro de tamaño inferior. A menos que estén gravemente dañados, los cigüeñales se recuperan comúnmente mediante el uso de casquillos de cojinetes fabricados con tolerancias de precisión para ajustarse a una serie estandarizada de diámetros inferiores a los diámetros de los ejes. Dependiendo del dimensionamiento original de los componentes del motor, los tamaños inferiores están disponibles en tamaños de pulgadas o métricas como se indica en la lista del catálogo.

Sería muy conveniente para los fabricantes de componentes de motor y reconstructores de motores por igual si todos los motores pudieran utilizar los mismos casquillos de cojinetes. Desafortunadamente, las diferencias en los desplazamientos del motor y en los niveles de potencia suelen requerir cojinetes únicos para cada familia de motores. Estos cojinetes no sólo difieren en sus atributos dimensionales para permitir que se ajusten correctamente a los componentes de acoplamiento del motor, sino que también deben proporcionar capacidades de rendimiento diferentes que les permitan proporcionar un servicio sin problemas a lo largo de la vida de servicio esperada del motor. Los diferentes materiales y tipos de fabricación de los cojinetes proporcionan una selección de características de rendimiento de cojinetes para adaptarse a diversas condiciones de funcionamiento y aplicaciones.

A medida que evolucionaron los diseños de motores, se fueron estableciendo mayores demandas en los cojinetes del cigüeñal. Estas demandas caen dentro de una serie de categorías de desempeño de cojinetes.

La **primera** de estas es el comportamiento superficial **“SUPERFICIE DE ACCIÓN”**. Esta es una medida de la compatibilidad de la superficie del cojinete con el eje de acoplamiento. Dentro de esta categoría hay tres características del cojinete que conforman el comportamiento superficial general de un cojinete, y éstas son:

1. “Lubricidad” o la capacidad de minimizar la fricción mientras se desliza sobre el eje sin causar desgaste a cualesquiera de las superficies.
2. “Incrustabilidad” es la capacidad de absorber la suciedad y las partículas de desgaste del motor en la superficie del cojinete y evitar que causen daños. (Ver figura 1).
3. “Conformabilidad” que permite que la superficie del cojinete se adapte o se ajuste a la geometría y a las imperfecciones de alineación de su instalación.

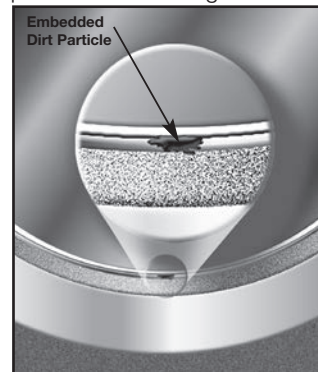


Figura 1

La **segunda** es la **“CAPACIDAD DE CARGA”**. Esta es la capacidad de soportar cargas debidas al funcionamiento del motor durante largos periodos. Dentro de esta categoría están:

1. “Resistencia a la fatiga”, que es la capacidad de los recubrimientos de resistir el agrietamiento y el desprendimiento bajo las cargas cíclicas impuestas por la dinámica del funcionamiento del motor.
2. “Resistencia a la corrosión” que es la capacidad de los materiales de recubrimiento para resistir el ataque químico de los ácidos resultantes de la degradación del aceite y de los subproductos de la combustión. El ataque de ácido puede debilitar la estructura del material ocasionando que el revestimiento sea más susceptible a la fatiga.

La **tercera** son las **“PROPIEDADES TÉRMICAS”**. Estas son:

1. “Resistencia a la temperatura” o la capacidad de mantener todas las demás propiedades a las temperaturas de funcionamiento del motor.
2. “Conductividad térmica”, o la capacidad de conducir el calor lejos de la superficie del cojinete.

Los cojinetes funcionan bajo el principio de que los materiales disimilares tendrán menos tendencia a atrancarse entre sí, que con materiales similares. El primer material de cojinete usado comúnmente era de una aleación de plomo, estaño, antimonio y arsénico llamada “babbitt”, que recibió el nombre de su inventor. Babbitt tiene propiedades físicas similares a la soldadura. Es suave, lo que le permite adaptarse a pequeñas imperfecciones en la geometría y en la alineación de las piezas de acoplamiento. Esta suavidad también permite que babbitt absorba la suciedad y las partículas de desgaste que podrían pasar a través del espacio de la holgura de los cojinetes. Babbitt también es muy resbaladizo por lo que minimiza la fricción en ausencia de aceite durante el arranque.

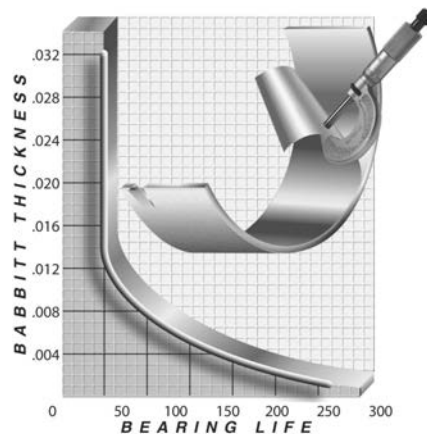
Aunque babbitt es el mejor material para cojinetes en base a su comportamiento superficial, tiene una deficiencia grave. Por sí mismo, en capas gruesas, babbitt no puede manejar cargas altas durante largos periodos. Bajo la repetida carga cíclica de un motor de combustión interna, babbitt se romperá y se desprenderá. Esta reacción a las cargas cíclicas se llama “Fatiga”.

Los cojinetes se construyen típicamente con un soporte de acero para proporcionar apoyo y permitir que los casquillos del cojinete sean una interferencia que coincida con su cubierta. Esto proporciona retención e impide el movimiento bajo la dinámica del funcionamiento del motor. Casi todos los cojinetes modernos caen en una de dos categorías en base al tipo de fabricación:

1. Bimetal: un soporte de acero con una sola capa de material de recubrimiento multiusos
2. Trimetal: un soporte de acero con una capa intermedia de acero para dar resistencia y una capa superficial para las propiedades superficiales del cojinete.

Los primeros cojinetes de inserción eran de fabricación bimetalica con un recubrimiento de babbitt. Como se mencionó anteriormente, aunque babbitt ofreció un comportamiento superficial óptimo, carecía de resistencia a la fatiga. Sin embargo, se encontró que la resistencia a la fatiga del babbitt podría mejorarse significativamente reduciendo su espesor (ver figura 2). Este principio se emplea en dos tipos alternos de fabricación. Los cojinetes bimetalicos “MICRO BABBITT” utilizan una capa más delgada de revestimiento babbitt para proporcionar una mejor resistencia a la fatiga y los cojinetes trimetalicos que utilizan una capa

Figura 2



galvanizada extremadamente delgada de babbitt sobre una capa intermedia más fuerte para combinar las propiedades superficiales de babbitt con la mayor resistencia a la fatiga de la capa intermedia. La aleación de cobre, plomo y estaño es la que se usa más comúnmente para la capa intermedia. Fundir esta aleación sobre el

soporte de acero proporciona una resistencia a la fatiga aproximadamente un 20% mayor que el proceso alternativo de metal en polvo conocido como sinterización. Los cojinetes para motor de TriMetal™ de Clevite® cuentan con una capa intermedia de cobre-plomo fundido para una mayor capacidad de carga disponible.

Los cojinetes para equipo original han empleado todos los tipos populares de materiales y de fabricación a lo largo de los años. El babbitt bimetálico, el cobre-plomo bimetálico, el aluminio bimetálico, el cobre-plomo y aluminio trimetálico, han sido utilizados en varias ocasiones en numerosas aplicaciones. Al igual que las dimensiones únicas mencionadas anteriormente, que hacen que cada cojinete sea específico para su aplicación prevista, también se especifica un material y tipo de fabricación específicos.

La fabricación de cojinetes trimetálicos empleando una capa intermedia de cobre-plomo fundido proporciona la mejor combinación en su conjunto de todas las propiedades de cojinete descritas anteriormente. La gran mayoría de los cojinetes para motor Clevite® son de este tipo. En muchos casos este material y la fabricación duplican las especificaciones del equipo original. Por ejemplo, casi todos los motores diésel de servicio pesado utilizan cojinetes TriMetal. De hecho, este tipo de fabricación comúnmente permite a los diésel HD disfrutar de una vida útil en el rango de las 500,000 millas (800,000 km) o más. Aunque algunos cojinetes de equipos originales HD utilizan una capa intermedia de aleación de aluminio, la mayoría utiliza plomo cobre fundido. En muchos casos, los cojinetes TriMetal™ de Clevite® para motor son una mejora del tipo de bimetálico utilizado en el equipo original. Esto le ha valido a Clevite la reputación de ser el cojinete con máximo rendimiento, como lo atestiguan su popularidad en las carreras de autos como NASCAR® y NHRA® Top Fuel classes, así como otros tipos de carreras.

Una tendencia reciente de equipo original en aplicaciones de pasajeros y camiones ligeros ha sido hacia el uso de cojinetes bimetálicos de aleación de aluminio. Estos ofrecen a los fabricantes de motores originales una alternativa de menor costo eliminando la operación de galvanoplastia necesaria en la fabricación

de cojinetes trimetálicos. Estos cojinetes bimetálicos de aleación de aluminio emplean típicamente un material de recubrimiento con un alto porcentaje de aluminio combinado con estaño para proporcionar alguna acción superficial y un pequeño porcentaje de silicio para resistencia al desgaste (ver figura 3). El uso de un recubrimiento único multiusos representa una concesión en las cualidades del cojinete descritas anteriormente. Estas concesiones son generalmente aceptables para las demandas típicas de servicio ligero de automóviles de pasajeros y el servicio de camiones ligeros.

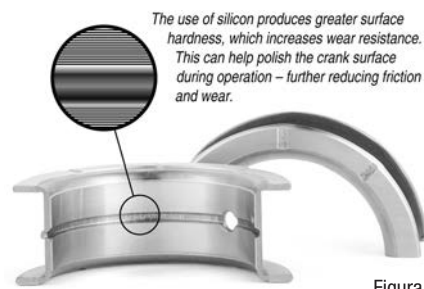


Figura 3

Los cojinetes del motor “AS” BiMetal™ de Clevite® (números de parte con un sufijo con una letra A) son de aluminio, estaño, silicio tipo bimetálico en materiales y fabricación. Éstos ofrecen al reconstructor del motor un tipo de cojinete OE para los motores que entran en aplicaciones ligeras. Sólo se recomiendan para aplicaciones en las que todos los componentes del motor han sido reacondicionados a las especificaciones originales de los fabricantes de motores. No se recomienda para uso de servicio pesado en donde se requieren grandes demandas para el motor o en aplicaciones de alto rendimiento en donde TriMetal™ de Clevite sigue siendo la elección final en cuanto a rendimiento.

Ningún material es perfecto para todas las aplicaciones, diferentes materiales para los cojinetes tienen diferentes ventajas en términos de resistencia a la corrosión, velocidad de desgaste y resistencia a la fatiga. Al seleccionar los cojinetes se deben tomar en cuenta las condiciones de funcionamiento del motor.

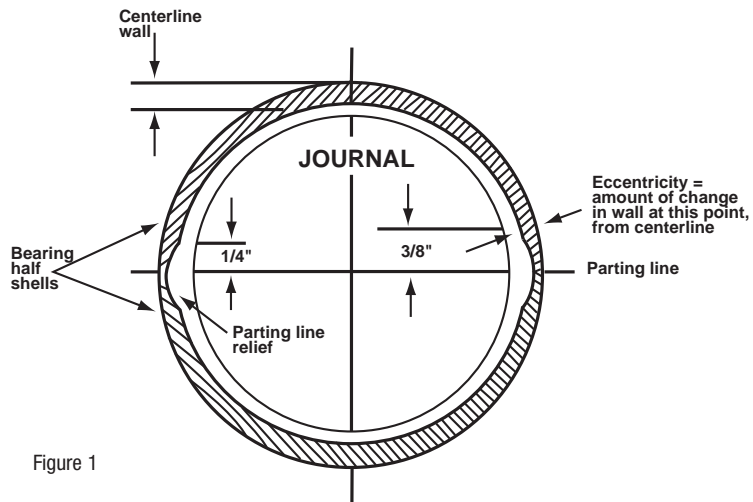
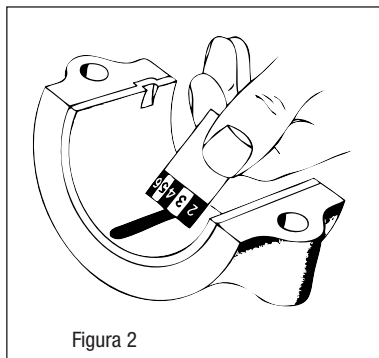
¿Cuánta holgura necesitan sus cojinetes?

¿Cuánta holgura necesito para los cojinetes de bielas, principal o del árbol de levas? Esta es una de las preguntas más frecuentes. Desafortunadamente, no hay una respuesta sencilla que se adapte a todos los casos. La aplicación del motor, la selección del lubricante y las condiciones de funcionamiento dictarán diferentes niveles de holgura. Esto no quiere decir que no se pueda generalizar para al menos un punto de partida.

En primer lugar, vamos a definir cómo y dónde se debe medir la holgura. Los casquillos de la biela y los cojinetes principales no tienen una pared uniforme. La pared es más gruesa a 90 grados de la división y cae una cantidad prescrita hacia cada línea de separación, dependiendo de los cojinetes para la aplicación prevista. Esta caída se conoce como "excentricidad". Además, hay un relieve en las líneas de separación. La excentricidad se utiliza para adaptar el casquillo del cojinete al hardware del acoplamiento y para proporcionar deflexiones de hardware al estar en funcionamiento. La excentricidad también ayuda a promover la formación de la película de aceite, proporcionando una forma de cuña en la holgura. El relieve en cada línea de separación asegura que no habrá un escalón en la línea de división debido al desplazamiento de la tapa del cojinete o al acoplamiento de los casquillos del cojinete que difieren ligeramente en espesor dentro de los límites de tolerancia permitidos. (Ver figura 1.)

Por estas razones, las holguras de los cojinetes se especifican como "holgura vertical" y deben ser medidas a 90 grados de la línea de división. El mejor método de medición es con un micrómetro de esfera que mide el diámetro interior del cojinete cuando los cojinetes están instalados con el par especificado sin el eje en su lugar. Las mediciones se deben tomar en la parte delantera, central y trasera de cada posición de cojinete. Otro método común para la comprobación de la holgura es a través del uso de Plastigage® de Clevite® (Ver figura 2.)

Para la mayoría de las aplicaciones .00075 a .0010" (tres cuartos a una milésima de pulgada) de holgura por pulgada del diámetro del eje es un punto de partida razonable. Por ejemplo, un diámetro del eje de 2.000" requeriría una holgura del cojinete de .0015 a .0020". (.00075 X 2.000" = .0015" y .0010 X 2.000" = .0020") El uso de esta fórmula proporcionará un punto de partida seguro para la mayoría de las aplicaciones. Para motores de alto rendimiento, se recomienda agregar .0005" al valor máximo determinado por el cálculo anterior. La recomendación para nuestro eje considerado de 2.000" sería .0025" de holgura.



No obstante, recuerde que estos sólo se recomiendan como puntos de partida. El motor y su aplicación nos dirá dónde ir desde estos puntos de partida. Por ejemplo, un motor de automóvil de pasajeros ensamblado en 0010" por pulgada de diámetro del eje podría llegar a ser ruidoso en el arranque, especialmente si el motor tiene un bloque de aluminio. La mayoría de los motores de los automóviles de pasajeros se ensamblan originalmente mediante la "selección del accesorio" para lograr holguras menores a las que resultarían de una selección aleatoria de partes de acoplamiento. Esto es debido a que la acumulación de las tolerancias de fabricación de las piezas de acoplamiento puede exceder el nivel aceptable para el control de ruido y vibraciones. Además, la mayoría de los motores de pasajeros más nuevos están diseñados para utilizar aceites 5W-30 para reducir la pérdida de HP y conservar la energía. Estos aceites más ligeros pueden fluir más libremente a través de holguras más estrechas.

Vamos a elegir algunas tolerancias típicas de fabricación y a observar el rango de holguras potenciales resultante. Un rango de tolerancia (de tamaños mín. a máx.) de 0010" es típico para la mayoría de los muñones del cigüeñal al igual que para los agujeros de la cubierta de las bielas y de los cojinetes principales. Si el motor utiliza cojinetes bimetálicos la tolerancia de la pared será de 0003" por casquillo o .0006" en total. Al sumarlos obtenemos .0010" para la cubierta + .0010" para el eje + .0006" para los cojinetes = .0026" de variación total posible de la holgura debido a las tolerancias de fabricación de la pieza de acoplamiento. Si nuestra holgura mínima de ensamblado es de sólo .0005" esto hace que el máximo posible sea de .0031". (.0005" mín. + .0026 de rango de tolerancia = 0031" máx.) Para la aplicación en autos de pasajeros normales una holgura de .0031" del cojinete sería generalmente demasiado. Sin embargo, si tomamos el mismo motor, digamos que un pequeño V-8, y lo ponemos en un camión que se utilice para jalar un remolque para acampar y se utiliza un aceite más denso, la holgura más grande sería más aceptable.

La holgura es también un tanto de factor de seguridad cuando las imperfecciones en la alineación y en la geometría del componente se deslizan hacia adentro. Debido a que las superficies están mucho mejor torneadas y

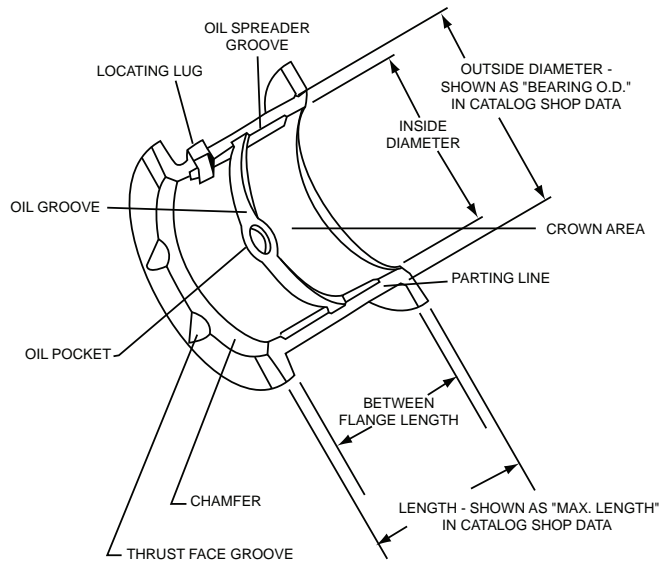
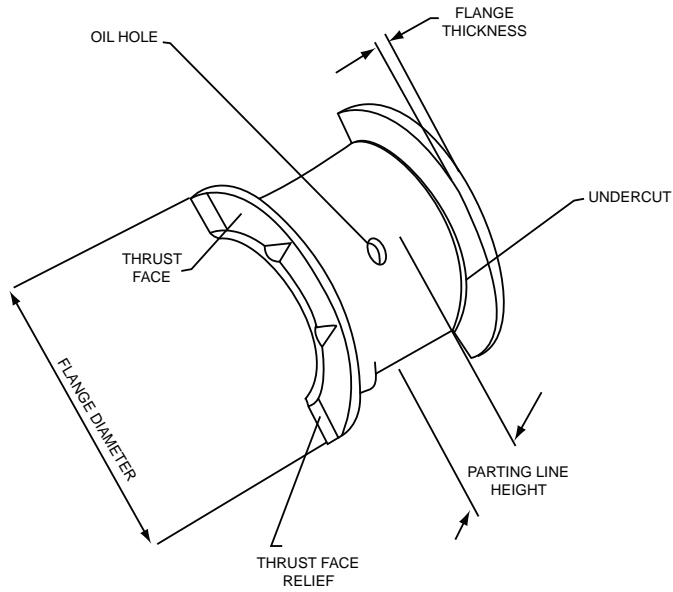
terminadas, la sensibilidad de la película de aceite a dañarse se reduce y se pueden tolerar holguras más estrechas. Las holguras más estrechas son deseables debido a que hacen que la curvatura del eje y el cojinete se ajusten de manera más estrecha. Esto da como resultado una película de aceite más amplia que extiende la carga sobre una mayor parte de la superficie del cojinete reduciendo así la presión en la película de aceite y en la superficie del cojinete. Esto a su vez mejora la vida y el rendimiento de los cojinetes. Normalmente, un cojinete usado debe mostrar signos de uso sobre 2/3 a 3/4 de la superficie del DI en la mitad más fuertemente cargada. (Mitades de la parte inferior del cojinete principal y superior de la biela.)

La holgura es sólo una de las muchas variables que tienen efecto sobre el rendimiento. Además, cosas como la viscosidad del aceite, que se determina por el tipo de aceite y la selección del grado, la temperatura de funcionamiento del motor, la presión de aceite, las RPM del motor, los orificios de aceite tanto en el bloque como en el cigüeñal, el ranurado de los cojinetes y otras características de diseño del cojinete, están todas ellas interrelacionadas en la función del sistema de lubricación de los motores.

Los aceites de menor peso tienen menos resistencia al flujo, por consiguiente, su uso se traducirá en un mayor flujo de aceite y, posiblemente una menor presión de aceite, especialmente en holguras más grandes. Todos los aceites se adelgazan a medida que se calientan; sin embargo los aceites multigrado no se adelgazan tan rápidamente como los aceites mono grado. Las especificaciones de holgura de equipos originales son necesariamente reducidas debido a la conservación de la energía de los aceites ligeros, a las relativamente altas temperaturas de funcionamiento y a una preocupación por el control del ruido y las vibraciones, especialmente en bloque de aluminio.

La holgura del cojinete no es un tema que puede abordarse sin tener en cuenta numerosas variables, entre ellas; la geometría de las piezas, la viscosidad del aceite, la temperatura del aceite, la carga del motor, el diámetro del eje, los recubrimientos del cojinete y la propia capacidad para medir y evaluar estas variables con exactitud.

Nomenclatura de cojinetes



Rectificado y pulido del cigüeñal

Las superficies del muñón del cigüeñal se deben rectificar y pulir a un acabado superficial de 15 micro pulgadas de rugosidad media Ra o mejor. Los ejes en cigüeñales altamente cargados, como los motores diésel o los motores de carreras de alto rendimiento requieren un acabado de 10 micro pulgadas Ra o mejor.

La anterior es una simple especificación que se puede medir con un equipo especial. Sin embargo, hay más que generar una superficie rectificada y pulida que sólo satisfaga la especificación de rugosidad. Para evitar un desgaste rápido y prematuro de los cojinetes del cigüeñal y ayudar a la formación de una película de aceite, las superficies del eje deben ser rectificadas en dirección opuesta a la rotación del motor y pulidas en la dirección de rotación. Esta recomendación puede causar una gran confusión en la ejecución real. La comprensión de las razones detrás de la recomendación y el análisis de los siguientes ejemplos ayudarán a aclarar más la recomendación.

La eliminación de metal tiende a levantar rebabas. Esto es cierto en casi todos los procesos de eliminación de metal. Diferentes procesos crean diferentes tipos de rebabas. El rectificado y el pulido producen rebabas que son tan pequeñas que no se pueden ver ni sentir pero están allí y pueden dañar los cojinetes si la superficie del eje no se genera en la forma correcta. En lugar de “rebabas”, llamemos “pelusa microscópica” a lo que resulta del rectificado y pulido. Esto describe mejor lo que queda por estos procesos. Esta pelusa microscópica tiene un grano o una configuración como el pelo en el lomo de un perro. La ilustración en la Figura 1 representa la disposición de esta pelusa en un eje. (Nota: Todas las figuras son una vista desde el extremo del cigüeñal). La dirección en la que pase el esmeril o la correa de la pulidora sobre

la superficie del eje determinará la disposición de la micro pelusa.

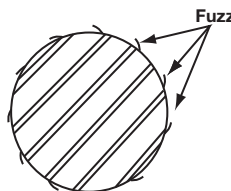


Figure 1
Journal illustrating fuzz from grinding and polishing.

Con el fin de eliminar esta pelusa de la superficie, cada operación sucesiva debe pasar sobre el eje en la dirección opuesta de modo que la pelusa se doble hacia atrás y sea retirada. Pulir en la misma dirección que la rectificación no eliminará de manera efectiva esta pelusa porque sería simplemente acostarla y luego hacerla saltar de nuevo. Por lo tanto la rectificación se debe hacer en dirección opuesta al rectificado con el fin de mejorar la superficie.

Con el fin de llegar a cómo se debe rectificar y pulir un eje, primero debemos determinar el resultado final deseado y luego trabajar hacia atrás para establecer la forma de lograrlo. La Figura 2 representa un eje girando en un cojinete visto desde la parte delantera de un motor girando en sentido de las manecillas del reloj. La condición deseada es un eje con las pelusas dejadas por la operación de pulido orientadas de manera que queden acostadas a medida que el eje pasa por encima del cojinete (Figura 2).

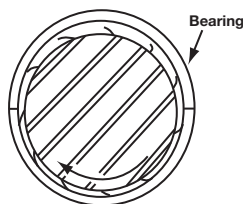


Figure 2
Journal rotating in bearing with the grain of the fuzz.

Rectificado del cigüeñal

La analogía del eje que pasa sobre el cojinete es como acariciar a un perro de la cabeza a la cola. Un eje pulido en la dirección opuesta produce abrasión en el cojinete que sería como acariciar a un perro desde la cola hasta la cabeza. Para generar una superficie que quede dispuesta como la que se muestra en la Figura 2, la correa de la pulidora debe pasar sobre la superficie del eje, como se muestra en la Figura 3.

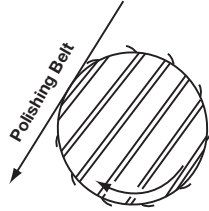


Figure 3
Direction polishing belt should pass over journal and grain of fuzz which results.

El sentido de giro del eje durante el pulido no es crítico si se utiliza una pulidora tipo correa motorizada debido a que la correa va a mucho mayor velocidad que el eje. El arranque de virutas durante el pulido no debe exceder de .0002" del diámetro.

Habiendo determinado la disposición deseada para pulir la superficie, hay que establecer la dirección correcta del rectificado para producir una superficie que quede de manera opuesta a la que resulte del pulido. La figura 4 muestra la rueda del esmeril y la dirección de giro del eje y la disposición de la superficie para el rectificado, vista desde el extremo delantero o la punta del cigüeñal. Esta orientación se logra inmovilizando la brida del volante en el lado izquierdo de la rectificadora (en el cabezal). Lograr el mejor acabado superficial posible durante el rectificado reducirá el arranque de virutas necesario durante el pulido.

La disposición de la superficie generada por el rectificado podría causar abrasión a las superficies del cojinete si se deja sin pulir. Al pulir en la dirección mostrada en la figura 3, la disposición de la superficie se invierte por la operación de pulido al remover la pelusa creada por el rectificado y deja una disposición de la

superficie que no desgasta a la superficie del cojinete.

Los ejes de hierro fundido nodular son particularmente difíciles de rectificar y de pulir debido a la estructura del hierro. El hierro nodular debe su nombre a la forma nodular del grafito en este material. El rectificado abre los nódulos del grafito situados en la superficie del eje dejando bordes irregulares que dañarán al cojinete. Al pulir en la dirección apropiada se eliminarán los bordes irregulares de estos nódulos abiertos.

Todo lo anterior se basa en la rotación normal del motor en sentido de las manecillas del reloj cuando se ve desde la parte delantera del motor. Para los cigüeñales que giran en sentido contrario a las manecillas del reloj, como algunos motores marinos, el cigüeñal se debe inmovilizar en su extremo opuesto durante el rectificado y pulido. Esto es lo mismo que ver el cigüeñal desde el extremo embrizado en lugar del extremo de la punta en las figuras adjuntas.

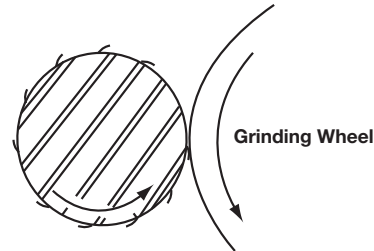


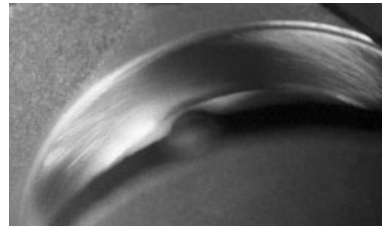
Figure 4
Directions of shaft and grinding wheel rotation and lay of fuzz which results.

Rectificación y pulido de la superficie de la cara de empuje

El acabado y forma de la superficie del cigüeñal son factores clave que afectan el rendimiento de todos los cojinetes. Estos factores se vuelven aún más críticos para superficies de empuje. Al igual que en cualquier cojinete, el aumento de la carga reduce el espesor de película de aceite entre el eje y las superficies del cojinete. Esta es una situación mucho más crítica en los cojinetes de empuje debido a sus caras planas que hacen extremadamente difícil la formación de una película de aceite. Los cojinetes radiales (aquellos que llevan cargas en una dirección radial como la biela y los cojinetes principales) forman una cuña natural en donde se unen el eje y las superficies del cojinete en el espacio de holgura. La rotación del eje jala una cuña de aceite en el área cargada del cojinete y forma una película de aceite que soporta la carga.

Por otra parte, las caras de empuje se componen de dos superficies planas que no forman una cuña natural en donde se unen. Con el fin de ayudar a formar una película de aceite, las áreas en forma de cuña artificial se tornean dentro de las superficies del cojinete en los extremos y a veces adyacente a las ranuras. A pesar de todos los esfuerzos de diseño comunes, los cojinetes de empuje todavía trabajan sobre una película mucho más delgada de aceite que hace que el acabado superficial del cigüeñal sea crítico para el desempeño exitoso de estos cojinetes.

Es difícil conseguir un buen acabado en la cara de empuje de un cigüeñal, ya que utiliza un rectificado lateral. El rectificado lateral hace marcas en espiral hacia fuera, hacia el DE de la cara de empuje y también puede causar marcas de rayado cruzado que se asemejan a los patrones de bruñido. Ambos patrones son perjudiciales para la formación de una película de aceite, ya que trabajan como levas a medida que gira el eje. Las marcas de la rectificación se deben eliminar mediante el pulido. Sólo debe permanecer un patrón circular. Se debe revisar el acabado de la superficie en una dirección tangencial y debe mantenerse a 10 Ra máx. La superficie de empuje debe ser plana dentro de .0002" máx.



evitar - un patrón de remolino



evitar - un patrón cuadrículado

Prevención de falla prematura de los cojinetes de leva

Para satisfacer las elevadas demandas de carga y las temperaturas de funcionamiento de los motores modernos, babbitt ha sido sustituida por una aleación de aluminio. Esta aleación de aluminio es mucho más fuerte que babbitt y soporta varias veces la carga. Sin embargo, esta mayor resistencia se obtiene a expensas de algunas de las propiedades de más alta tolerancia de babbitt. La aleación de aluminio es más dura, por lo que es un poco menos compatible con la suciedad, la mala alineación y la lubricación marginal. Esto es típico de las concesiones o compensaciones que con frecuencia son necesarias al seleccionar un material de cojinete para adaptarse a los requisitos de una aplicación específica y en este caso, de mayor carga.

Típicamente, siempre que se encuentre un mayor nivel de carga, se requerirá una mayor precisión para mantener la fiabilidad. Las condiciones como la limpieza, la alineación, las holguras, los acabados de la superficie del eje y la lubricación deben ser controlados más estrechamente. Las siguientes son algunas recomendaciones para ayudar a optimizar el rendimiento cuando se utilizan cojinetes del árbol de levas de aleación de aluminio.

En la instalación inicial es necesaria una holgura suficiente. Estos cojinetes más fuertes no se desgastan con rapidez al hacer su propia holgura como los materiales babbitt más suaves. La holgura mínima debe ser de .002". Debido a la acumulación de tolerancias en el bloque, en el eje y en el cojinete es imposible controlar la holgura para este rango en la fabricación del cojinete de manera aislada. Las holguras se deben medir en la instalación.

No es recomendable bruñir los DI de los cojinetes de leva para aumentar la holgura porque la arena del bruñido puede quedar incrustada en las superficies del cojinete lo que ocasionará

el desgaste del eje. Los DI de los cojinetes pudieran estar avellanados, pero el medio más práctico es ajustar los diámetros del eje del árbol de levas rectificando el eje. Incluso si no se rectifica para proporcionar holgura adicional, los ejes de los cojinetes del árbol de levas deben ser pulidos para un adecuado acabado superficial con el árbol de levas girando en la misma dirección en la que va a girar en el motor.

Al igual que la holgura, la alineación es también muy importante, especialmente para aplicaciones de alto rendimiento. Cualquier bloque que haya necesitado alineación del hueco de los cojinetes principales debido a la deformación es probable que también haya experimentado deformación del hueco de los cojinetes de leva. Una holgura adecuada puede ayudar a compensar una desalineación menor de menos de .001".

La instalación de cojinetes en el bloque debe hacerse con cuidado para evitar el desprendimiento de metal de la parte posterior de los cojinetes. Esta acción excoriante puede causar una acumulación de metal entre el DE del cojinete y el agujero de la cubierta que se traducirá en una reducción de la holgura. Para evitar la excoiación, revise los agujeros de la cubierta para un chaflán de inclusión adecuado de 25 a 30 grados antes de instalar los cojinetes de leva. En bloques sin ranuras detrás de los cojinetes de leva, se debe tener cuidado de asegurar que los agujeros de aceite se alineen entre los cojinetes y el bloque. Cuando el bloque tenga una ranura detrás del cojinete, el cojinete debe ser instalado con el orificio de aceite en la posición de las 2:00 hrs. visto desde la parte delantera para la rotación normal del árbol de levas en sentido de las manecillas del reloj. Esto introducirá aceite en el espacio de holgura fuera del área cargada y permitirá la rotación del eje para construir una película de aceite por delante de la carga.

Consejos para la instalación y el montaje

Al medir los cojinetes, las mediciones se deben tomar siempre a 90 grados de la línea de separación para determinar la holgura mínima. Cuando mida el espesor de pared del cojinete, utilice un micrómetro especial con un yunque de bola para adaptarse a la curvatura del DI del cojinete. La mejor manera de determinar la holgura del cojinete es medir el DI de los cojinetes con los cojinetes instalados en la cubierta y los pernos apretados a un par especificado. Utilice un micrómetro de esfera para medir el DI del cojinete a 90 grados de la línea de separación, luego reste tamaño del eje del DI del cojinete para determinar la holgura. Si el micrómetro de esfera se pone a cero en el diámetro real del muñón del cigüeñal que va a ser instalado, el micrómetro de esfera leerá entonces directamente la holgura y no será necesario efectuar el cálculo. Un .001" de holgura por pulgada del diámetro del eje es una buena regla de oro para la holgura. El aumento total de alrededor de .0005" añadirá un poco de margen de seguridad en el arranque, en especial para las bielas. Ejemplo: $.001" \times 2.100 = .0021"$ luego agregue .0005", de forma que para el arranque la holgura quede en .0026" para un eje de 2.100.

Si necesita hacer ajustes en la holgura, utilice una pieza adicional para la holgura para tener más holgura, o una pieza de tamaño inferior para una holgura menor. Es permisible mezclar tamaños si se desea un ajuste de la holgura menor de .001" Cuando mezcle tamaños para seleccionar accesorios nunca mezcle piezas que tengan una diferencia mayor de .0005" en el tamaño de la pared, y siempre instale el casquillo de pared más gruesa en la posición superior si está instalando un cojinete de biela, o en la posición inferior si está instalando un cojinete de cigüeñal. Cuando trabaje con un eje que se volvió a rectificar mida siempre los DIs del cojinete ensamblado y tenga el eje dimensionado para producir la holgura deseada ya que no hay piezas adicionales para holgura disponibles para ejes de tamaño inferior.

Cuando mida el DI o el grosor de la pared de un cojinete evite medir en la línea de separación. Como lo ilustra el diagrama de "diseño del cojinete" hay un relieve en la línea de separación torneado en casi todos los casquillos de los cojinetes. Este relieve es para dejar un margen para cualquier desajuste entre los casquillos superior e inferior debido a las diferencias de tolerancia, o posiblemente como consecuencia del desplazamiento de la tapa o de la torcedura durante el montaje. Para determinar la excentricidad de la pared del cojinete o la ovalización del DI del cojinete, mida en un punto a al menos a 3/8" de distancia de la línea de separación.

Al instalar un cojinete NO INTENTE PULIR LA SUPERFICIE DE RODADURA DEL COJINETE CON NINGÚN TIPO DE ALMOHADILLA O DE PAPEL ABRASIVO.

Las capas superpuestas de los cojinetes en piezas de alto rendimiento son extremadamente suaves y delgadas, típicamente .0005". Estas capas delgadas se pueden dañar o desprender fácilmente por medios abrasivos. Debido a que la capa de recubrimiento está galvanizada, puede presentar nódulos microscópicos chapados que hacen que se sienta ligeramente rugosa. Los nódulos son del mismo material que el resto de la capa chapada y serán rápidamente aplanados por el eje. Si se desea, las superficies de apoyo pueden bruñirse ligeramente con disolvente y una toalla de papel.

Identificación del número de pieza

Prefijos

- CB** Cojinetes de bielas
- SH** Conjunto de cojinetes de árbol de levas
- SH** Cojinetes individuales del árbol de levas
- SM** Cojinetes de bielas o calzas de los cojinetes principales
- TW** Juego de arandelas de empuje
- MS** Conjunto de cojinetes principales
- MB** Cojinetes individuales principales
- 223** Casquillos del pasador del pistón



Número núcleo

(Denota aplicación individual específica)

Indica cojinete bridado

Sufijos

- A**
Cojinete de aleación de aluminio silicio reforzada con acero sin plomo y sin recubrimiento.
- AL**
Cojinetes de aleación de aluminio fundido sólido (designación de material AL-1) o cojinetes reforzados con acero con un recubrimiento de aleación de aluminio (designación de material AL-3, AL-4, AL-5, AL-6). Los cojinetes de tamaños inferiores no son redimensionables, Los semi cojinetes AL-1 se pueden redimensionar al tamaño estándar.
- AP**
Ver las definiciones de los sufijos "A" y "P".
- B**
Cojinetes reforzados con acero con un recubrimiento convencional de babbitt. Los tamaños inferiores de precisión no son redimensionables. Los cojinetes B-60 se pueden redimensionar al tamaño estándar (designación de material B-1).
- C**
Cojinetes reforzados con acero con un recubrimiento de cobre-plomo. Los tamaños inferiores de precisión no son redimensionables. Los cojinetes C-60 se pueden redimensionar a un tamaño estándar (designación de material C-1).
- G**
Cojinetes reforzados con acero con una matriz de cobre y un infiltrante de babbitt de plomo-estaño. Los tamaños inferiores de precisión no son redimensionables. Los cojinetes G-60 se pueden redimensionar al tamaño estándar (designación de material C-1).

P

Cojinetes reforzados con acero con una capa intermedia de aleación de cobre-plomo y un recubrimiento de plomo-estaño. Los tamaños inferiores de precisión no son redimensionables (designación de material TM-1, TM-, TM-112).

R

Indica que el cojinete se puede redimensionar a estándar. Indica, cuando se sigue un cojinete del árbol de levas, que tiene un agujero adicional en el diámetro interior. Todos los demás cojinetes del árbol de levas son del tipo precisión (designación de material B-1, C-1, AL-3).

S

Indica una designación de número de conjunto.

W

Indica una pieza que es una arandela de empuje (también puede ser designada superior o inferior).

Designaciones y terminología de materiales de cojinetes

AL-1

Aleación maciza de aluminio fundido.

AL-3

Aleación de aluminio reforzada con acero sin recubrimiento.

AL-4

Aleación de aluminio reforzada con acero con recubrimiento de babbitt.

AL-5

Aleación de aluminio silicio reforzada con acero sin plomo y sin recubrimiento.

AL-6

Aleación de aluminio silicio reforzada con acero sin recubrimiento.

B

Bronce laminado.

B-1

Estaño reforzado con acero o con babbitt en una base convencional de plomo (espesor nominal de .020")

B-2

Estaño reforzado con acero o con un recubrimiento de micro babbitt (espesor nominal de .006")

C-1

Matriz de cobre-plomo reforzada con acero sin recubrimiento.

TM-1

Matriz de cobre-plomo reforzada con acero con recubrimiento.

TM-77

Cojinetes reforzados con acero con una capa intermedia de aleación de cobre-plomo y un recubrimiento galvanizado de plomo. Los tamaños inferiores de precisión no son redimensionables.

TM-112

Cojinetes reforzados con acero con una capa intermedia de aleación de cobre-plomo y un recubrimiento galvanizado de plomo. Los tamaños inferiores de precisión no son redimensionables.

Diámetro exterior del cojinete o agujero de la cubierta.

El diámetro mínimo a máximo del orificio en el bloque del motor o de los cojinetes de bielas.

Aplastamiento

Cuando las medias partes del cojinete están en su lugar en el agujero de la cubierta, hay un poco de material que se extiende por encima del agujero de la cubierta. Cuando el ensamble se aprieta a la especificación adecuada, la fuerza se ejerce entonces sobre el DE del cojinete causando un ajuste a presión. El aplastamiento también contribuye a la deformación del agujero y a la transferencia de calor al aumentar la superficie de contacto con el cojinete y el agujero. La cantidad de aplastamiento variará dependiendo de la aplicación.

Excentricidad

Una reducción gradual en el espesor de pared del cojinete partiendo de la corona y terminando a aproximadamente 380° de las líneas de separación.

Ranurada anular completa

Los cojinetes que tienen un corte para la ranura del aceite desde la línea de separación hasta la línea de separación en la superficie interna de la mitad del casquillo. Cuando se unen dos mitades ranuradas, se crea una ranura en la superficie interna alrededor de la circunferencia total del cojinete.

Largo máximo del cojinete

La longitud máxima que puede tener el cojinete (incluyendo la brida cuando aplique). La longitud real es generalmente menor que este valor.

Máximo en la pared de la corona

El espesor máximo de la pared del cojinete a 90° de las líneas de separación. El espesor real es generalmente menor que este valor.

Diámetro estándar del eje

El tamaño mínimo a máximo del muñón estándar del cigüeñal, del eje de las bielas o del eje del árbol de levas.

Holgura vertical para aceite

La diferencia entre el diámetro interior del cojinete ensamblado y el diámetro exterior del eje, medido a 90° de las líneas de separación de cojinete.

Protectores de pernos, protector del cojinete y Plastigage

Protectores de pernos Clevite®

Los protectores de pernos Clevite protegen las superficies del eje durante el ensamble del motor, evitando el daño al cigüeñal. Se expide con 2 por bolsa y sólo se vende en cajas de cartón de 48 pares en bolsas.

2800-B1 (sólo en cantidades de 48)

Protectores de cojinete Clevite®

Los protectores de cojinete Clevite están especialmente formulados para proporcionar una lubricación adecuada para todos los componentes del motor durante el montaje y los primeros momentos cruciales de la operación después de la puesta en marcha del motor. Los protectores de cojinete tienen una clasificación de Extrema Presión (EP) para las aplicaciones más severas.

2800-B2 botella de 8 oz (sólo en cantidades de 12)

2800-B4 jarras de 1 galón (se venden individualmente)

2800-B5 paquete de 1-1/3 oz. (sólo en cantidades de 50)

2800-B4 tambores de 15 galones (se venden individualmente)

CL-400 botellas de 4 oz (Protectores de levas) (sólo en cantidades de 12)

Plastigage de Clevite®

Plastigage fue diseñado como una verificación final de la holgura vertical total del aceite durante el reensamblado. Su finalidad no es servir como un reemplazo de medir correctamente los muñones del cigüeñal, los agujeros de la cubierta o las dimensiones del cojinete antes de reensamblar el motor con micrómetros y medidores precisos.

Para utilizar correctamente Plastigage durante el reensamblado, las lecturas se deben tomar en la mitad del casquillo de la tapa de cojinete mientras el peso del cigüeñal o del pistón y del ensamble de la biela está soportado por la otra mitad del casquillo.

Coloque una pequeña cantidad de aceite en el muñón del cigüeñal solamente en donde se colocará Plastigage y limpie el exceso de aceite con un trapo limpio. Esto producirá una lectura más precisa al prevenir que PLASTIGAGE se pegue al eje.

Coloque un hilo de Plastigage a lo largo de la longitud del eje paralelo al cigüeñal.

Ajuste la tapa en su lugar y apriete los pernos a la especificación del par adecuado del OEM. NOTA: Si en este punto se mueve el cigüeñal, afectará el Plastigage, dando lugar a lecturas inexactas.

Retire cuidadosamente la tapa y mida el Plastigage aplastado usando las graduaciones impresas en el paquete. Mida el aplastamiento a lo largo de toda la longitud del Plastigage, teniendo en cuenta los altos y bajos para la holgura apropiada.

Después de haber realizado las mediciones, retire con cuidado el Plastigage aplastado de los componentes sin rayar el cojinete ni el eje.

Plastigage de Clevite® está disponible en cuatro tamaños diferentes para verificar la holgura vertical total del aceite en la biela y en los cojinetes principales. Cada paquete tiene una escala de medición impresa en pulgadas y en milímetros. Las tiras están codificadas por colores para una fácil identificación del tamaño y son solubles en aceite.

MPG1 .001" — .003" (.025 — .075mm) Verde*

MPR1 .002" — .006" (.050 — .15mm) Roja*

MPB1 .004" — .009" (.10 — .23mm) Azul*

MPY1 .009" — .020" (.23 — .50mm) Amarilla*

(*Se venden solamente en cantidades de 12 tiras)

Tolerances and clearance

CRANKCASE TOLERANCES

Finish of Main Bores: 60-90 micro inches Ra.

Bore Tolerance: .001" (.025mm) up to 10.000" (250mm) bore

Out-of-Round: .001" (.025mm) max if horizontal is larger than vertical

Alignment

.002" (.050mm) max overall misalignment	.001"-.025mm for HD or highly loaded engines)
.001" (.025mm) max misalignment on adjacent bores	.0005"-.013mm for HD or highly loaded engines)

CRANKSHAFT TOLERANCES MAIN BEARING AND CRANKPIN JOURNALS

Finish of Journals: 15 micro inches Ra. or better (10 micro inches Ra. or better for HD or highly loaded engines)

Diameter Tolerance:

.0005" (.013mm) up to 1.500" (38mm) journal
.001" (.025mm) for 1.500" (38mm) to 10.000" (250mm) journal

Out-of-Round:

.0005" (.013mm) maximum up to 5.000" (125mm) journal	.0002"-.005mm for HD or highly loaded engines
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(Never use a maximum out-of-round journal with a maximum out-of-round bore.)

Taper:

.0002" (.005mm) max up to 1.000" (25mm) long journal	.0001"-.003mm for HD or highly loaded engines
.0004" (.010mm) max for 1.000" (25mm) to 2.000" (50mm) long journal	.0002"-.005mm for HD or highly loaded engines
.0005" (.013mm) max for 2.000" (50mm) or longer journal	.0003"-.008mm for HD or highly loaded engines

Alignment:

.001" (.025mm) max misalignment on adjacent journals	.0005"-.013mm for HD or highly loaded engines
.002" (.050mm) max overall misalignment	.001"-.025mm for HD or highly loaded engines
Crankpin and main journals should be parallel within .001" (.025mm)	.0005"-.013mm for HD or highly loaded engines

Hour-Glass or Barrel Shape Condition: Same as taper

Oil Holes: Must be well blended into journal surface.

BEARING SPREAD

Main bearings: .005" (.13mm) to .020" (.50mm) in excess of crankcase bore diameter

Connecting rod bearings: .020" (.50mm) in excess of rod bore

CRANKSHAFT END CLEARANCE

Shaft Diameter	End Clearance
2.000"-2.750" (50mm-70mm)	.003" - .007" (.075mm - .175mm)
2.813"-3.500" (71mm-88mm)	.005" - .009" (.125mm - .225mm)
3.500" or over (89mm or over)	.007" - .011" (.175mm - .275mm)

CONNECTING ROD TOLERANCES

Finish of Rod Bores: 60-90 micro inches Ra.

Rod Tolerance:

.0005" (.013mm) up to 3.250" (81mm) diameter
.001" (.025mm) from 3.250"(81mm)to 10.000" (250mm) diameter

Out-of-Round: .001" (.025mm) maximum if horizontal is larger than vertical

Taper:

.0002" (.005mm) up to 1.000" (25mm) length	.0001"-.003mm for HD or highly loaded engines
.0004" (.010mm) for 1.000" (25mm) to 2.000" 50mm length	.0002"-.005mm for HD or highly loaded engines
.0005" (.013mm) for 2.000" (50mm) or longer	.0003"-.008mm for HD or highly loaded engines

Hour-Glass or Barrel Shape Condition: Same as taper

Parallelism: Between rod bore and wrist pin hole .001" (.025mm) in 5.000" (125mm)

Twist: .001" (.025mm) in 6.000" (150mm)

CONNECTING ROD END CLEARANCE

Fillets at end of crankpin should not bind on ends of rod bearing, .004" (.10mm) to .010" (.25mm) clearance recommended.

OIL CLEARANCE - RESIZED BEARINGS

The oil clearance shown in this catalog are for the factory manufactured precision sizes. When installing a resized bearing, adjust the oil clearance shown as follows:

For babbitt and TM- copper-lead: Add .0004" (.010mm) to both low and high limit

For TM-112 copper-lead: Add .0008" (.020mm) to low limit and .0004"(.010 mm) to high limit

PIN BUSHINGS

Resizing: Light Ream: .007"/.015" Bore: .015"/.030"

Tolérances et dégagement

TOLÉRANCES DU VILEBREQUIN

Finition des alésages principaux : 60 à 90 micro-pouces Ra.

Tolérance de l'alésage : 0,001 po (0,025 mm) jusqu'à 10,000 po (250 mm)

Excentration : 0,001 po (0,025 mm) max si la partie horizontale est supérieure à la partie verticale

Alignement :

Désalignement total max 0,002 po (0,050 mm)	(0,001 po-0,025 mm pour les moteurs HD ou très chargés)
Désalignement (0,001 po-0,025 mm) sur les alésages adjacents	(0,0005 po-0,013 mm pour les moteurs HD ou très chargés)

TOLÉRANCES DE VILEBREQUIN TOURILLONS DU PALIER PRINCIPAL ET DES MANETONS

Finition des tourillons : 15 micro-pouces Ra. ou plus (10 micro-pouces Ra ou plus pour les moteurs HD ou très chargés)

Tolérance de diamètre :

Tourillon de 0,0005 po (0,013 mm) jusqu'à 1,500 po (38 mm)

Tourillon 0,001 po (0,025 mm) pour 1,500 po (38 mm) jusqu'à 10,000 po (250 mm)

Excentration :

Tourillon 0,0005 po (0,013 mm) maximum jusqu'à 5,000 po (125 mm)	0,0002 po-0,005 mm pour les moteurs HD ou très chargés
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(Ne jamais utiliser un tourillon excentré maximal avec un alésage excentré maximal).

Conicité :

Tourillon 0,0002 po (0,005 mm) max jusqu'à 1,000 po (25 mm) de long	0,0001 po-0,003 mm pour les moteurs HD ou très chargés
0,0004 po (0,010 mm) max pour tourillon 1,000 po (25mm) à 2,000" (50 mm) de long	0,0002 po-0,005 mm pour les moteurs HD ou très chargés
0,0005 po (0,013 mm) max pour tourillon 2,000 po (50 mm) de long ou plus	0,0003 po-0,008 mm pour les moteurs HD ou très chargés

Alignement :

Désalignement de 0,001 po (0,025 mm) max sur les tourillons adjacents	0,0005 po-0,013 mm pour les moteurs HD ou très chargés
Désalignement total max 0,002 po (0,050 mm)	0,001 po-0,025 mm pour les moteurs HD ou très chargés
Les manetons et les tourillons doivent être parallèles à 0,001 po (0,25 mm)	0,0005 po-0,013 mm pour les moteurs HD ou très chargés

État de la forme en sablier ou tonneau : Identique à conicité

Trous de graissage : Doivent être bien intégrés dans la surface du tourillon.

ÉCARTEMENT DES PALIERS

Paliers principaux : Entre 0,005 po (0,13 mm) et 0,020 po (0,50 mm) supérieurs au diamètre de l'alésage du vilebrequin

Paliers de bielle : 0,020 po (0,50 mm) supérieurs à l'alésage de la bielle

DÉGAGEMENT DE L'EXTRÉMITÉ DU VILEBREQUIN

Diamètre de l'arbre	Dégagement de l'extrémité
2,000 po-2,750 po (50 mm-70 mm)	0,003 po - 0,007 po (0,075 mm - 0,175 mm)
2,813 po-3,500 po (71 mm-88 mm)	0,005 po - 0,009 po (0,125 mm - 0,225 mm)
3,500 po ou plus (89 mm ou plus)	0,007 po - 0,011 po (0,175 mm - 0,275 mm)

TOLÉRANCES DES BIELLES

Finition des alésages des bielles : 60 à 90 micro-pouces Ra.

Tolérance des bielles :

Diamètre de 0,0005 po (0,013mm) jusqu'à 3,250 po (81 mm)
0,001 po (0,025 mm) avec un diamètre de 3,250 po (81 mm) jusqu'à 10,000 po (250 mm)

Excentration : 0,001 po (0,025 mm) maximum si la partie horizontale est supérieure à la partie verticale

Conicité :

Longueur de 0,0002 po (0,005mm) jusqu'à 1,000 po (25mm)	0,0001 po-0,003 mm pour les moteurs HD ou très chargés
0,0004 po (0,010 mm) pour une longueur de 1,000 po (25 mm) jusqu'à 2,000 po (50 mm)	0,0002 po-0,005 mm pour les moteurs HD ou très chargés
0,0005 po (0,013 mm) pour 2,000 po (50 mm) ou plus	0,0003 po-0,008 mm pour les moteurs HD ou très chargés

État de la forme en sablier ou tonneau : Identique à conicité

Parallélisme : Entre l'alésage de la bielle et le trou de la bielle articulée 0,001 po (0,25 mm) en 5,000 po (125 mm)

Torsion : 0,001 po (0,025 mm) dans 6,000 po (150 mm)

DÉGAGEMENT DE L'EXTRÉMITÉ DE LA BIELLE

Les filets à l'extrémité du maneton ne doivent pas gripper sur les extrémités du palier, les dégagements de 0,004 po (0,10 mm) à 0,010 po (0,25 mm) sont recommandées.

DÉGAGEMENT D'HUILE - PALIERS REDIMENSIONNÉS

Dans ce catalogue, le dégagement d'huile indiqué concerne les tailles de précision fabriquées en usine. Lors de l'installation d'un palier redimensionné, ajustez le dégagement d'huile comme suit :

Pour métal antifricition et TM cuivre-plomb : Ajouter 0,0004 po (0,010 mm) à la limite inférieure et à la limite supérieure

Pour TM-112 cuivre-plomb : Ajouter 0,0008 po (0,020 mm) à la limite inférieure et 0,0004 po (0,010 mm) à la limite supérieure

COUSSINETS DE BIELLE

Redimensionnement : Rame légère : 0,007 po/0,015 po
Alésage : 0,015 po/0,030 po

Tolerancias y holguras

TOLERANCIAS DE LA CAJA DEL CIGÜEÑAL

Acabado de los agujeros principales: 60-90 micro pulgadas de Ra (rugosidad media)

Tolerancia del agujero: Agujero de .001" (.025mm) hasta 10.000" (250mm)

Ovalización: .001" (.025mm) máx. si el horizontal es mayor que el vertical

Alineación

.002" (.050mm) de desalineación total máx.	.001"-.025mm para motores HD o sobre cargados
.001" (.025mm) de desalineación máx. en los agujeros adyacentes	.0005"-.013mm para motores HD o sobre cargados

TOLERANCIAS DEL CIGÜEÑAL COJINETE DEL CIGÜEÑAL Y EJES DEL MUÑÓN DEL CIGÜEÑAL

Acabado de los ejes: 15 micro pulgadas de Ra. o mejor (10 micro pulgadas de Ra. o mejor para motores HD o sobre cargados)

Tolerancia del diámetro:

Eje de .0005" (.013mm) hasta 1.500" (38mm)

Eje de .001" (.025mm) para 1.500" (38mm) hasta 10.000" (250mm)

Ovalización:

Eje de .0005" (.013mm) hasta un máximo de 5.000" (125mm)	.0002"-.005mm para motores HD o sobre cargados
--	--

(Nunca use un eje con una ovalización máxima con un agujero con una ovalización máxima).

Conicidad:

Eje largo de .0002" (.005mm) hasta un máx. de 1.000" (25mm)	.0001"-.003mm para motores HD o sobre cargados
Eje largo de .0004" (.010mm) máx. para 1.000" (25mm) hasta 2.000" (50mm)	.0002"-.005mm para motores HD o sobre cargados
.0005" (.013mm) máx. para 2.000" (50mm) hasta 2.000" (50mm) o eje más largo	.0003"-.008mm para motores HD o sobre cargados

Alineación:

.001" (.025mm) de desalineación máx. en los ejes adyacentes	.0005"-.013mm para motores HD o sobre cargados
.002" (.050mm) de desalineación total máx.	.001"-.025mm para motores HD o sobre cargados
Los muñones del cigüeñal y los ejes principales deben estar paralelos en un límite de .001" (.025mm)	.0005"-.013mm para motores HD o sobre cargados

Condición de forma de reloj de arena o de barril:

Igual que la conicidad

Conductos de aceite: Debe estar bien mezclado en la superficie del eje.

MARGEN DE DISPERSIÓN DE COJINETES

Cojinetes principales: .005" (.13mm) a .020" (.50mm) más que el diámetro del agujero de la caja del cigüeñal

Cojinetes de bielas: .020" (.50mm) más que la pared interior de la biela

HOLGURA FINAL DEL CIGÜEÑAL

Diámetro del eje	Holgura final
2.000"-2.750" (50mm-70mm)	.003" - .007" .075mm - 175mm)
2.813"-3.500" (71mm-88mm)	.005" - .009" (.125mm - 225mm)
3.500" o mayor (89mm o mayor)	.007" - .011" (.175mm - .275mm)

TOLERANCIAS DE BIELAS

Acabado de las paredes interiores de la biela: 60-90 micro pulgadas de Ra (rugosidad media)

Tolerancia de la cabeza de la biela

Diámetro de .0005" (.013mm) hasta 3.250" (81mm)

Diámetro .001" (.025mm) de 3.250" (81mm) hasta 10.000" (250mm)

Ovalización: .001" (.025mm) máximo si el horizontal es mayor que el vertical

Conicidad:

Longitud de .0002" (.005mm) hasta 1.000" (25mm)	.0001"-.003mm para motores HD o sobre cargados
Longitud de .0004" (.010mm) para 1.000" (25mm) hasta 2.000" (50mm)	.0002"-.005mm para motores HD o sobre cargados
.0005" (.013mm) para 2.000" (50mm) hasta 2.000" (50mm) o mayor	.0003"-.008mm para motores HD o sobre cargados

Condición de forma de reloj de arena o de barril:

Igual que la conicidad

Paralelismo: Entre la pared interior de la biela y el orificio del pasador de la muñequilla .001" (.025mm) en 5.000" (125mm)

Torcedura: .001" (.025mm) en 6.000" (150mm)

HOLGURA FINAL DE LAS BIELAS

Los filetes en el extremo de los muñones del cigüeñal no deben fijarse a los extremos de los cojinetes de biela, la holgura recomendada es de .004" (.10mm) a .010" (.25mm).

HOLGURA PARA ACEITE - COJINETES REDIMENSIONADOS

La holgura para aceite mostrada en este catálogo corresponde a los tamaños de precisión manufacturados en fábrica. Al instalar un cojinete redimensionado, ajuste la holgura para aceite como se muestra a continuación:

Para babbitt y TM de cobre-plomo: Aumente .0004" (.010 mm) a los límites bajo y alto

Para TM-112 de cobre-plomo: Aumente .0008" (.020mm) al límite bajo y .0004" (.010 mm) al límite alto

CASQUILLOS DE PASADOR

Redimensionamiento: Avellanado ligero: Agujero de .007"/.015": .015"/.030"

Measurement equivalents



Fraction	Decimal	Millimeters
1/64	.01563	.3969
1/32	.03125	.7938
	.03937	1.0000
3/64	.04688	1.1906
1/16	.06250	1.5875
5/64	.07813	1.9844
	.07874	2.0000
3/32	.09375	2.3813
7/64	.10938	2.7781
	.11811	3.0000
1/8	.12500	3.1750
9/64	.14063	3.5719
5/32	.15625	3.9688
	.15748	4.0000
11/64	.17188	4.3656
3/16	.18750	4.7625
	.19685	5.0000
13/64	.20313	5.1594
7/32	.21875	5.5563
15/64	.23438	5.9531
	.23622	6.0000
1/4	.2500	6.3500
17/64	.26563	6.7469
	.27559	7.0000
9/32	.28125	7.1438
19/64	.29688	7.5406
5/16	.31250	7.9375
	.31496	8.0000
21/64	.32813	8.3344
11/32	.34375	8.7313
	.35433	9.0000
23/64	.35938	9.1281
3/8	.37500	9.5250
25/64	.39063	9.9219
	.39370	10.0000
13/32	.40625	10.3188
27/64	.42188	10.7156
	.43307	11.0000
7/16	.43750	11.1125
29/64	.45313	11.5094
15/32	.46875	11.9063
	.47244	12.0000
31/64	.48438	12.3031
1/2	.50000	12.7000
	.51181	13.0000

Fraction	Decimal	Millimeters
33/64	.51563	13.0969
17/32	.53125	13.4938
35/64	.54688	13.8906
	.55118	14.0000
9/16	.56250	14.2875
37/64	.57813	14.6844
	.59055	15.0000
19/32	.59375	15.0813
39/64	.60938	15.4781
5/8	.62500	15.8750
	.62992	16.0000
41/64	.64063	16.2719
21/32	.65625	16.6688
	.66929	17.0000
43/64	.67188	17.0656
11/16	.68750	17.4625
45/64	.70313	17.8594
	.70866	18.0000
23/32	.71875	18.2563
47/64	.73438	18.6531
	.74803	19.0000
3/4	.75000	19.0500
49/64	.76563	19.4469
25/32	.78125	19.8438
	.78740	20.0000
51/64	.79688	20.2406
13/16	.81250	20.6375
	.82677	21.0000
53/64	.82813	21.0344
27/32	.84375	21.4313
55/64	.85938	21.8281
	.86614	22.0000
7/8	.87500	22.2250
57/64	.89063	22.6219
	.90551	23.0000
29/32	.90625	23.0188
59/64	.92188	23.4156
15/16	.93750	23.8125
	.94488	24.0000
61/64	.95313	24.2094
31/32	.96875	24.6063
	.98425	25.0000
63/64	.98438	25.0031
1	1.00000	25.4000

MM X .03937 = Inches • Inches X 25.4 = MM



ACURA

ENGINE	YEAR	BORE & STROKE	BLOCK
1.5L 1497 CC SOHC 8V L4 HONDA LEA2; i-VTEC	2013-2015	2.870"/73.0mm x 3.520"/89.4mm	1
1.6L 1590 CC DOHC 16V L4 HONDA D16A1	1986-1989	2.960"/75.2mm x 3.540"/90.0mm	2
1.7L 1668 CC SOHC 16V L4 HONDA D17A2; VTEC	2001-2005	2.950"/75.0mm x 3.720"/94.4mm	3
1.7L 1678 CC DOHC 16V L4 HONDA B17A1; VTEC	1992-1993	3.190"/81.0mm x 3.200"/81.3mm	4
1.8L 1834 CC DOHC 16V L4 HONDA B18A1, B18B1	1990-2001	3.190"/81.0mm x 3.500"/88.8mm	4
1.8L 1797 CC DOHC 16V L4 HONDA B18C1, B18C5; VTEC	1994-2001	3.190"/81.0mm x 3.430"/87.0mm	5
2.0L 1998 CC 122 CID DOHC 16V L4 HONDA K20A2, K20Z1; VTEC	2002-2006	3.390"/86.0mm x 3.390"/86.0mm	6
2.0L 1998 CC 122 CID DOHC 16V L4 HONDA K20A3; VTEC	2002-2006	3.390"/86.0mm x 3.390"/86.0mm	7
2.2L 2156 CC SOHC 16V L4 HONDA F22B1; VTEC	1997	3.350"/85.0mm x 3.740"/95.0mm	8
2.3L 2254 CC SOHC 16V L4 HONDA F23A1; VTEC	1998-1999	3.390"/86.0mm x 3.820"/97.0mm	9
2.3L 2300 CC DOHC 16V L4 HONDA K23A1; i-VTEC	2007-2012	3.390"/86.0mm x 3.890"/99.0mm	10
2.4L 2354 CC DOHC 16V L4 HONDA K24A2; VTEC	2004-2008	3.420"/87.0mm x 3.890"/99.0mm	11
2.4L 2354 CC DOHC 16V L4 HONDA K24Z3; i-VTEC	2009-2014	3.420"/87.0mm x 3.890"/99.0mm	11
2.4L 2354 CC DOHC 16V L4 HONDA K24Z3; i-VTEC	2014	3.420"/87.0mm x 3.890"/99.0mm	12
3.0L 2997 CC SOHC 24V V6 HONDA J30A1; VTEC	1997-1999	3.390"/86.0mm x 3.390"/86.0mm	13
3.2L 3210 CC SOHC 24V V6 HONDA J32A1, J32A2, J32A3; VTEC	1999-2008	3.500"/88.9mm x 3.390"/86.0mm	14
3.2L 3165 CC SOHC 24V V6 ISUZU 6VD1	1996-1997	3.680"/93.4mm x 3.030"/77.0mm	15
3.5L 3471 CC SOHC 24V V6 HONDA J35A5; VTEC	2003-2006	3.500"/88.9mm x 3.660"/93.0mm	14
3.5L 3471 CC SOHC 24V V6 HONDA J35A8, J35Z6; VTEC	2005-2014	3.500"/89.0mm x 3.660"/93.0mm	14
3.5L 3471 CC SOHC 24V V6 HONDA J35Z2; i-VTEC	2013	3.500"/89.0mm x 3.660"/93.0mm	16
3.5L 3471 CC SOHC 24V V6 HONDA J35Z6; VTEC	2014	3.500"/89.0mm x 3.660"/93.0mm	17
3.5L 3471 CC SOHC 24V V6 HONDA J35A3	2001-2002	3.540"/90.0mm x 3.580"/91.0mm	14
3.5L 3494 CC DOHC 24V V6 ISUZU 6VE1	1998-1999	3.680"/93.4mm x 3.350"/85.0mm	18
3.7L 3664 CC SOHC 24V V6 HONDA J37A1, J37A2, J37A4, J37A5; VTEC	2007-2014	3.540"/90.0mm x 3.780"/96.0mm	16

MODEL	ENGINE	YEAR	BLOCK
CL	2.2L 2156 CC SOHC 16V L4 HONDA; VTEC	1997	8
CL	2.3L 2254 CC SOHC 16V L4 HONDA; VTEC	1998-1999	9
CL	3.0L 2997 CC SOHC 24V V6 HONDA; VTEC	1997-1999	13
CL	3.2L 3210 CC SOHC 24V V6 HONDA; VTEC	2001-2003	14
EL	1.7L 1668 CC SOHC 16V L4 HONDA; VTEC	2001-2005	3
ILX	1.5L 1497 CC SOHC 8V L4 HONDA; i-VTEC	2013-2015	1
Integra	1.6L 1590 CC DOHC 16V L4 HONDA	1986-1989	2
Integra	1.7L 1678 CC DOHC 16V L4 HONDA; VTEC	1992-1993	4
Integra	1.8L 1797 CC DOHC 16V L4 HONDA; VTEC	1994-2001	5
Integra	1.8L 1834 CC DOHC 16V L4 HONDA	1990-2001	4
MDX	3.5L 3471 CC SOHC 24V V6 HONDA; VTEC	2001-2006	14
MDX	3.7L 3664 CC SOHC 24V V6 HONDA; VTEC	2007-2013	16
RDX	2.3L 2300 CC DOHC 16V L4 HONDA; i-VTEC	2007-2012	10
RDX	3.5L 3471 CC SOHC 24V V6 HONDA; i-VTEC	2013	16
RL	3.5L 3471 CC SOHC 24V V6 HONDA; VTEC	2005-2008	14
RL	3.7L 3664 CC SOHC 24V V6 HONDA; VTEC	2009-2012	16
RSX	2.0L 1998 CC 122 CID DOHC 16V L4 HONDA; VTEC	2002-2006	7
RSX	2.0L 1998 CC 122 CID DOHC 16V L4 HONDA; VTEC	2002-2006	6
SLX	3.2L 3165 CC SOHC 24V V6 ISUZU	1996-1997	15
SLX	3.5L 3494 CC DOHC 24V V6 ISUZU	1998-1999	18

ACURA

MODEL	ENGINE	YEAR	BLOCK
TL	3.2L 3210 CC SOHC 24V V6 HONDA; VTEC	1999-2008	14
TL	3.5L 3471 CC SOHC 24V V6 HONDA; VTEC	2007-2014	14
TL	3.7L 3664 CC SOHC 24V V6 HONDA; VTEC	2014	16
TSX	2.4L 2354 CC DOHC 16V L4 HONDA; VTEC	2004-2014	11
TSX	2.4L 2354 CC DOHC 16V L4 HONDA; i-VTEC	2014	12
TSX	3.5L 3471 CC SOHC 24V V6 HONDA; VTEC	2010-2014	14
TSX	3.5L 3471 CC SOHC 24V V6 HONDA; VTEC	2014	17
ZDX	3.7L 3664 CC SOHC 24V V6 HONDA; VTEC	2010-2013	16

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1.5L 1497 CC SOHC 8V L4 HONDA LEA2; i-VTEC (2013-2015)			2.870"/73.0mm x 3.520"/89.4mm				1
Connecting Rod Bearing Pair (4) For Years: 2013 - 2014	AL-3	CB-1862A	STD, .25mm, .50mm	1.5739/1.5748		0.0597	1.6929	0.5315
Connecting Rod Bearing Set For Years: 2013 - 2014	AL-3	CB-1862A(4)	STD, .25mm, .50mm	1.5739/1.5748		0.0597	1.6929	0.5315
Main Bearing Set 1-2-3-4-5	AL-3	MS-2266A MB-3896AL	STD, .25mm, .50mm	1.9676/1.9685		0.0795	2.1260	0.6693
2	1.6L 1590 CC DOHC 16V L4 HONDA D16A1 (1986-1989)			2.960"/75.2mm x 3.540"/90.0mm				2
Connecting Rod Bearing Pair (4)	AL-5	CB-1461A	STD, .25mm, .50mm	1.7707/1.7717	0.0008/0.0015	0.0592	1.8898/1.8907	0.7280
Connecting Rod Bearing Pair (4)	TM-1	CB-1461P	STD, .25mm, .50mm	1.7707/1.7717	0.0008/0.0015	0.0592	1.8898/1.8907	0.7280
Connecting Rod Bearing Set	AL-3	CB-1461A(4)	STD, .25mm, .50mm	1.7707/1.7717	0.0008/0.0015	0.0592	1.8898/1.8907	0.7280
Main Bearing Set 1-2-3-4-5 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S	AL-5	MS-1804A MB-3176A	STD, .25mm	2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
Main Bearing Set 1-2-3-4-5 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S	TM-1	MS-1804P MB-3176P	STD, .25mm, .50mm	2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
Thrust Washer Set NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804, MS-2095, MS-2355	TM-1	TW-473S MB-3176W	STD	2.4114/2.4213		0.0984	3.2185/3.2283	0.0980
3	1.7L 1668 CC SOHC 16V L4 HONDA D17A2; VTEC (2001-2005)			2.950"/75.0mm x 3.720"/94.4mm				3
Connecting Rod Bearing Pair (4)	TM-77	CB-1859P	STD, .25mm, .50mm	44.9760/1.7716		0.0595	1.8898	0.6102
Main Bearing Set 1-2-3-4-5 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S	AL-5	MS-1804A MB-3176A	STD, .25mm	2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870



ACURA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
3 (cont.)	1.7L 1668 CC SOHC 16V L4 HONDA D17A2; VTEC (2001-2005)			2.950"/75.0mm x 3.720"/94.4mm				3 (cont.)
Main Bearing Set 1-2-3-4-5	TM-1	MS-1804P MB-3176P	STD,.25mm,.50mm	2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Thrust Washer Set	TM-1	TW-473S MB-3176W	STD	2.4114/2.4213		0.0984	3.2185/3.2283	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804,MS-2095,MS-2355								
4	1.7L 1678 CC DOHC 16V L4 HONDA B17A1; VTEC (1992-1993)			3.190"/81.0mm x 3.200"/81.3mm				4
	1.8L 1834 CC DOHC 16V L4 HONDA B18A1, B18B1 (1990-2001)			3.190"/81.0mm x 3.500"/88.8mm				
Connecting Rod Bearing Pair (4)	TM-1	CB-1353P	STD,.25mm,.50mm	1.7707/1.7717	0.0005/0.0034	0.0591	1.8898/1.8907	0.7680
Main Bearing Set 1-2-3-4-5	TM-1	MS-2095P MB-3760P	STD,.25mm,.50mm	2.1644/2.1654	0.0010/0.0019	0.0785	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Thrust Washer Set	TM-1	TW-473S MB-3176W	STD	2.4114/2.4213		0.0984	3.2185/3.2283	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804,MS-2095,MS-2355								
5	1.8L 1797 CC DOHC 16V L4 HONDA B18C1, B18C5; VTEC (1994-2001)			3.190"/81.0mm x 3.430"/87.0mm				5
Connecting Rod Bearing Pair (4)	TM-77	CB-1785P	STD,.25mm	1.7707/1.7717	0.0008/0.0015	0.0595	1.8898/1.8907	0.6880
Main Bearing Set 1-2-3-4-5	TM-1	MS-2095P MB-3760P	STD,.25mm,.50mm	2.1644/2.1654	0.0010/0.0019	0.0785	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Thrust Washer Set	TM-1	TW-473S MB-3176W	STD	2.4114/2.4213		0.0984	3.2185/3.2283	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804,MS-2095,MS-2355								
6	2.0L 1998 CC 122 CID DOHC 16V L4 HONDA K20A2, K20Z1; VTEC (2002-2006)			3.390"/86.0mm x 3.390"/86.0mm				6
Connecting Rod Bearing Pair (4)	TM-77	CB-1861P	STD,.25mm,.50mm	1.8888/1.8898	0.0007/0.0035	0.0596	2.0079/2.0087	0.6102
Connecting Rod Bearing Set	TM-77	CB-1861P(4)	STD,.25mm,.50mm	1.8888/1.8898	0.0007/0.0035	0.0596	2.0079/2.0087	0.6102
Thrust Washer Set	TM-1	TW-473S MB-3176W	STD	2.4114/2.4213		0.0984	3.2185/3.2283	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804,MS-2095,MS-2355								
7	2.0L 1998 CC 122 CID DOHC 16V L4 HONDA K20A3; VTEC (2002-2006)			3.390"/86.0mm x 3.390"/86.0mm				7
Connecting Rod Bearing Set	TM-1	CB-1975A(4) CB1975A	STD,.25mm,.50mm	1.7709		0.0589	1.8905	0.6102



ACURA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
7 (cont.)	2.0L 1998 CC 122 CID DOHC 16V L4 HONDA K20A3; VTEC (2002-2006)			3.390"/86.0mm x 3.390"/86.0mm			7 (cont.)	
Main Bearing Set	AL-5	MS-2355A MB4045A	STD, .25mm, .50mm	2.1644/2.1654	0.0001/0.0021	0.0792	2.3228/2.3236	0.7874
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Main Bearing Set	TM-1	MS-2095P MB-3760P	STD, .25mm, .50mm	2.1644/2.1654	0.0010/0.0019	0.0785	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Thrust Washer Set	TM-1	TW-473S MB-3176W	STD	2.4114/2.4213		0.0984	3.2185/3.2283	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804, MS-2095, MS-2355								
8	2.2L 2156 CC SOHC 16V L4 HONDA F22B1; VTEC (1997)			3.350"/85.0mm x 3.740"/95.0mm			8	
Connecting Rod Bearing Pair (4)	TM-1	CB-1780P	STD, .25mm, .50mm	1.8888/1.8898	0.0008/0.0036	0.0589	2.0079/2.0087	0.7650
Connecting Rod Bearing Set		CB-1780P(4)	STD					
Main Bearing Set	TM-1	MS-2012P MB-3474P	STD, .25mm, .50mm	1.9677/1.9687	0.0005/0.0015	0.0788	2.1253/2.1263	0.7880
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-587S								
Thrust Washer Set	TM-1	TW-587S MB-3474W	STD	2.2641			3.0713	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2012								
9	2.3L 2254 CC SOHC 16V L4 HONDA F23A1; VTEC (1998-1999)			3.390"/86.0mm x 3.820"/97.0mm			9	
Connecting Rod Bearing Pair (4)	TM-77	CB-1860P	STD, .25mm, .50mm	1.7716		0.0597	1.8898	0.6102
Main Bearing Set	AL-5	MS-1804A MB-3176A	STD, .25mm	2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Main Bearing Set	TM-1	MS-1804P MB-3176P	STD, .25mm, .50mm	2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Thrust Washer Set	TM-1	TW-473S MB-3176W	STD	2.4114/2.4213		0.0984	3.2185/3.2283	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804, MS-2095, MS-2355								
10	2.3L 2300 CC DOHC 16V L4 HONDA K23A1; i-VTEC (2007-2012)			3.390"/86.0mm x 3.890"/99.0mm			10	
Connecting Rod Bearing Pair (4)	TM-77	CB-1861P	STD, .25mm, .50mm	1.8888/1.8898	0.0007/0.0035	0.0596	2.0079/2.0087	0.6102
Connecting Rod Bearing Set	TM-77	CB-1861P(4)	STD, .25mm, .50mm	1.8888/1.8898	0.0007/0.0035	0.0596	2.0079/2.0087	0.6102



ACURA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
10 (cont.)	2.3L 2300 CC DOHC 16V L4 HONDA K23A1; i-VTEC (2007-2012)			3.390"/86.0mm x 3.890"/99.0mm				10 (cont.)
Main Bearing Set 1-2-3-4-5	TM-1	MS-2095P MB-3760P	STD,.25mm,.50mm	2.1644/2.1654	0.0010/0.0019	0.0785	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Thrust Washer Set	TM-1	TW-473S MB-3176W	STD	2.4114/2.4213		0.0984	3.2185/3.2283	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804,MS-2095,MS-2355								
11	2.4L 2354 CC DOHC 16V L4 HONDA K24A2; VTEC (2004-2008)			3.420"/87.0mm x 3.890"/99.0mm				11
	2.4L 2354 CC DOHC 16V L4 HONDA K24Z3; i-VTEC (2009-2014)			3.420"/87.0mm x 3.890"/99.0mm				
Connecting Rod Bearing Pair (4)	TM-77	CB-1861P	STD,.25mm,.50mm	1.8888/1.8898	0.0007/0.0035	0.0596	2.0079/2.0087	0.6102
Connecting Rod Bearing Set	TM-77	CB-1861P(4)	STD,.25mm,.50mm	1.8888/1.8898	0.0007/0.0035	0.0596	2.0079/2.0087	0.6102
Main Bearing Set	AL-5	MS-2355A MB4045A	STD,.25mm,.50mm	2.1644/2.1654	0.0001/0.0021	0.0792	2.3228/2.3236	0.7874
For Years: 2004 - 2013								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Thrust Washer Set	TM-1	TW-473S MB-3176W	STD	2.4114/2.4213		0.0984	3.2185/3.2283	0.0980
For Years: 2004 - 2013								
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804,MS-2095,MS-2355								
12	2.4L 2354 CC DOHC 16V L4 HONDA K24Z3; i-VTEC (2014)			3.420"/87.0mm x 3.890"/99.0mm				12
Connecting Rod Bearing Pair (4)	TM-77	CB-1861P	STD,.25mm,.50mm	1.8888/1.8898	0.0007/0.0035	0.0596	2.0079/2.0087	0.6102
Connecting Rod Bearing Set	TM-77	CB-1861P(4)	STD,.25mm,.50mm	1.8888/1.8898	0.0007/0.0035	0.0596	2.0079/2.0087	0.6102
				6 CYL				
13	3.0L 2997 CC SOHC 24V V6 HONDA J30A1; VTEC (1997-1999)			3.390"/86.0mm x 3.390"/86.0mm				13
Connecting Rod Bearing Set	TM-1	CB-1978A(6) CB1978A	STD	2.1650		0.0590	2.2842	0.5709
Main Bearing Set	AL-5	MS-2358A MB4048A	STD	2.8346		0.9823	3.0323	0.7087
14	3.2L 3210 CC SOHC 24V V6 HONDA J32A1, J32A2, J32A3; VTEC (1999-2008)			3.500"/88.9mm x 3.390"/86.0mm				14
	3.5L 3471 CC SOHC 24V V6 HONDA J35A5; VTEC (2003-2006)			3.500"/88.9mm x 3.660"/93.0mm				
	3.5L 3471 CC SOHC 24V V6 HONDA J35A8, J35Z6; VTEC (2005-2014)			3.500"/89.0mm x 3.660"/93.0mm				
	3.5L 3471 CC SOHC 24V V6 HONDA J35A3 (2001-2002)			3.540"/90.0mm x 3.580"/91.0mm				
Connecting Rod Bearing Set	AL-5	CB-1897A(6)	STD,.25mm,.50mm	2.1644/2.1654	0.0008/0.0017	0.0587	2.2834/2.2841	0.5705



ACURA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
14 (cont.)	3.2L 3210 CC SOHC 24V V6 HONDA J32A1, J32A2, J32A3; VTEC (1999-2008)			3.500"/88.9mm x 3.390"/86.0mm				14 (cont.)
	3.5L 3471 CC SOHC 24V V6 HONDA J35A5; VTEC (2003-2006)			3.500"/88.9mm x 3.660"/93.0mm				
	3.5L 3471 CC SOHC 24V V6 HONDA J35A8, J35Z6; VTEC (2005-2014)			3.500"/89.0mm x 3.660"/93.0mm				
	3.5L 3471 CC SOHC 24V V6 HONDA J35A3 (2001-2002)			3.540"/90.0mm x 3.580"/91.0mm				
Main Bearing Set 1-2-3-4	AL-3	MS-2335A MB3923A	STD, .25mm, .50mm	2.8337/2.8346	0.0008/0.0017	0.0976	3.0329/3.0339	0.7067
For Years: 1999 - 2013								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-712S								
Thrust Washer Set	AL-3	TW-712S MB3924W	STD	3.1200			3.7007	0.0984
NOTE: Position Number 3 Use Part Number MS-2335								
15	3.2L 3165 CC SOHC 24V V6 ISUZU 6VD1 VIN Code: 'V' (1996-1997)			3.680"/93.4mm x 3.030"/77.0mm				15
Connecting Rod Bearing Pair (6)	AL-5	CB-1830AL	STD, .25mm	2.1229/2.1235	0.0007/0.0031	0.0596	2.2434/2.2441	0.6740
Main Bearing Set	AL-3	MS-2236AL	STD, .25mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-615S								
Thrust Washer Set		TW-615S MB-3807W	STD	2.7953/2.8051				0.0770
16	3.5L 3471 CC SOHC 24V V6 HONDA J35Z2; i-VTEC (2013)			3.500"/89.0mm x 3.660"/93.0mm				16
	3.7L 3664 CC SOHC 24V V6 HONDA J37A1, J37A2, J37A4, J37A5; VTEC (2007-2014)			3.540"/90.0mm x 3.780"/96.0mm				
Thrust Washer Set	AL-3	TW-712S MB3924W	STD	3.1200			3.7007	0.0984
NOTE: Position Number 3 Use Part Number MS-2335								
17	3.5L 3471 CC SOHC 24V V6 HONDA J35Z6; VTEC (2014)			3.500"/89.0mm x 3.660"/93.0mm				17
Connecting Rod Bearing Set	AL-5	CB-1897A(6)	STD, .25mm, .50mm	2.1644/2.1654	0.0008/0.0017	0.0587	2.2834/2.2841	0.5705
Thrust Washer Set	AL-3	TW-712S MB3924W	STD	3.1200			3.7007	0.0984
NOTE: Position Number 3 Use Part Number MS-2335								
18	3.5L 3494 CC DOHC 24V V6 ISUZU 6VE1 VIN Code: 'X' (1998-1999)			3.680"/93.4mm x 3.350"/85.0mm				18
Connecting Rod Bearing Pair (6)	AL-5	CB-1830AL	STD, .25mm	2.1229/2.1235	0.0007/0.0031	0.0596	2.2434/2.2441	0.6740



ALFA-ROMEO

ENGINE	YEAR	BORE & STROKE	BLOCK
1.8L 1779 CC 109 CID DOHC 8V L4 AR01608	1969-1971	3.150"/80.0mm x 3.480"/88.5mm	1
2.0L 1961 CC 120 CID DOHC 8V L4	1975-1994	3.310"/84.0mm x 3.480"/88.5mm	1
2.0L 1962 CC 120 CID DOHC 8V L4 AR01629, AR01929	1972-1974	3.310"/84.0mm x 3.480"/88.5mm	1

MODEL	ENGINE	YEAR	BLOCK
Alfetta	2.0L 1961 CC 120 CID DOHC 8V L4	1975-1977	1
Berlina	1.8L 1779 CC 109 CID DOHC 8V L4	1969-1971	1
Berlina	2.0L 1962 CC 120 CID DOHC 8V L4	1972-1974	1
GT Veloce	2.0L 1962 CC 120 CID DOHC 8V L4	1972-1974	1
Spider	2.0L 1961 CC 120 CID DOHC 8V L4	1991-1994	1
Sprint	2.0L 1961 CC 120 CID DOHC 8V L4	1977-1979	1

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
								4 CYL
1	1.8L 1779 CC 109 CID DOHC 8V L4 ALFA-ROMEO	AR01608					3.150"/80.0mm x 3.480"/88.5mm	1
	2.0L 1961 CC 120 CID DOHC 8V L4 ALFA-ROMEO						3.310"/84.0mm x 3.480"/88.5mm	
	VIN Code: '2' (1991-1994)							
	2.0L 1962 CC 120 CID DOHC 8V L4 ALFA-ROMEO	AR01629, AR01929					3.310"/84.0mm x 3.480"/88.5mm	
	(1972-1974)							
Connecting Rod Bearing Pair	TM-77	CB-1190P	STD,10	1.9680/1.9685	0.0008/0.0029	0.0723	2.1139/2.1145	0.9230

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ENGINE	YEAR	BORE & STROKE	BLOCK
2.5L 150 CID OHV 8V L4 AMC	1983-1984	3.880"/98.5mm x 3.190"/81.0mm	1
2.5L 151 CID OHV 8V L4 GMC; Pontiac	1980-1983	4.000"/101.6mm x 3.000"/76.2mm	2
3.3L 3261 CC 199 CID OHV 12V L6 AMC	1965-1970	3.750"/95.3mm x 3.000"/76.0mm	3
3.3L 3261 CC 199 CID OHV 12V L6 AMC	1966-1970	3.750"/95.3mm x 3.000"/76.0mm	4
3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1964-1974	3.750"/95.2mm x 3.430"/87.3mm	3
3.8L 3802 CC 232 CID OHV 12V L6 AMC	1970-1974	3.750"/95.2mm x 3.430"/87.3mm	6
3.8L 3802 CC 232 CID OHV 12V L6 AMC	1971-1974	3.750"/95.2mm x 3.430"/87.3mm	5
3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1965	3.750"/95.3mm x 3.500"/88.9mm	7
3.8L 232 CID OHV 12V L6 AMC	1975-1979	3.750"/95.3mm x 3.500"/88.8mm	3
4.2L 4228 CC 258 CID OHV 12V L6 AMC	1971	3.750"/95.3mm x 3.900"/98.9mm	3
4.2L 4229 CC 258 CID OHV 12V L6 AMC	1971-1974	3.750"/95.3mm x 3.900"/98.9mm	3



AMERICAN MOTORS

ENGINE	YEAR	BORE & STROKE	BLOCK
4.2L 4228 CC 258 CID OHV 12V L6 AMC	1971-1974	3.750"/95.3mm x 3.900"/98.9mm	6
4.2L 4229 CC 258 CID OHV 12V L6 AMC	1971-1974	3.750"/95.3mm x 3.900"/98.9mm	6
4.2L 258 CID OHV 12V L6 AMC	1975-1988	3.750"/95.3mm x 3.900"/99.0mm	3
4.7L 4753 CC 290 CID OHV 16V V8 AMC	1966-1969	3.750"/95.2mm x 3.280"/83.3mm	9
4.7L 4703 CC 287 CID OHV 16V V8 AMC	1963-1966	3.750"/95.3mm x 3.250"/82.6mm	8
5.0L 4982 CC 304 CID OHV 16V V8 AMC	1970-1974	3.750"/95.3mm x 3.440"/87.3mm	10
5.0L 4982 CC 304 CID OHV 16V V8 AMC	1970-1974	3.750"/95.3mm x 3.440"/87.3mm	11
5.0L 4983 CC 304 CID OHV 16V V8 AMC	1970-1974	3.750"/95.3mm x 3.440"/87.4mm	11
5.0L 4983 CC 304 CID OHV 16V V8 AMC	1971-1974	3.750"/95.3mm x 3.440"/87.4mm	9
5.0L 304 CID OHV 16V V8 AMC	1975-1979	3.750"/95.3mm x 3.440"/87.4mm	9
5.6L 5585 CC 343 CID OHV 16V V8 AMC	1967-1969	4.080"/103.6mm x 3.280"/83.3mm	9
5.6L 5585 CC 343 CID OHV 16V V8 AMC	1967-1969	4.080"/103.6mm x 3.280"/83.3mm	10
5.9L 5900 CC 360 CID OHV 16V V8 AMC	1970-1974	4.080"/103.6mm x 3.440"/87.4mm	9
5.9L 5900 CC 360 CID OHV 16V V8 AMC	1970-1974	4.080"/103.6mm x 3.440"/87.4mm	11
5.9L 5899 CC 360 CID OHV 16V V8 AMC	1970-1974	4.080"/103.6mm x 3.440"/87.3mm	11
5.9L 360 CID OHV 16V V8 AMC	1975-1978	4.080"/103.6mm x 3.440"/87.4mm	9
6.4L 6391 CC 390 CID OHV 16V V8 AMC	1968-1970	4.170"/105.9mm x 3.570"/90.7mm	12
6.6L 6572 CC 401 CID OHV 16V V8 AMC	1971-1974	4.170"/105.9mm x 3.680"/93.5mm	12
6.6L 6571 CC 401 CID OHV 16V V8 AMC	1971-1974	4.170"/105.9mm x 3.680"/93.5mm	12
6.6L 401 CID OHV 16V V8 AMC	1975-1976	4.170"/105.9mm x 3.680"/93.5mm	12

MODEL	ENGINE	YEAR	BLOCK
Ambassador	3.3L 3261 CC 199 CID OHV 12V L6 AMC	1966-1967	4
Ambassador	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1965-1970	3
Ambassador	4.2L 4228 CC 258 CID OHV 12V L6 AMC	1971	6
Ambassador	4.2L 4229 CC 258 CID OHV 12V L6 AMC	1971	6
Ambassador	4.7L 4703 CC 287 CID OHV 16V V8 AMC	1966	8
Ambassador	4.7L 4753 CC 290 CID OHV 16V V8 AMC	1967-1969	9
Ambassador	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1970-1974	11
Ambassador	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1970-1974	10
Ambassador	5.0L 4983 CC 304 CID OHV 16V V8 AMC	1970-1974	11
Ambassador	5.6L 5585 CC 343 CID OHV 16V V8 AMC	1967-1969	10
Ambassador	5.6L 5585 CC 343 CID OHV 16V V8 AMC	1967-1969	9
Ambassador	5.9L 5899 CC 360 CID OHV 16V V8 AMC	1970-1974	11
Ambassador	5.9L 5900 CC 360 CID OHV 16V V8 AMC	1970-1974	11
Ambassador	6.4L 6391 CC 390 CID OHV 16V V8 AMC	1968-1970	12
Ambassador	6.6L 6571 CC 401 CID OHV 16V V8 AMC	1971-1974	12
Ambassador	6.6L 6572 CC 401 CID OHV 16V V8 AMC	1971-1974	12
American	3.3L 3261 CC 199 CID OHV 12V L6 AMC	1966-1968	3
American	3.3L 3261 CC 199 CID OHV 12V L6 AMC	1966-1968	4
American	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1964-1968	3
American	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1965	7
American	4.7L 4753 CC 290 CID OHV 16V V8 AMC	1966-1968	9
American	5.6L 5585 CC 343 CID OHV 16V V8 AMC	1967-1968	10
AMX	4.2L 258 CID OHV 12V L6 AMC	1978-1980	3
AMX	4.7L 4753 CC 290 CID OHV 16V V8 AMC	1968-1969	9
AMX	5.0L 304 CID OHV 16V V8 AMC	1978-1979	9



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MODEL	ENGINE	YEAR	BLOCK
AMX	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1970	11
AMX	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1970	10
AMX	5.6L 5585 CC 343 CID OHV 16V V8 AMC	1968-1969	9
AMX	5.6L 5585 CC 343 CID OHV 16V V8 AMC	1968-1969	10
AMX	5.9L 5899 CC 360 CID OHV 16V V8 AMC	1970	11
AMX	5.9L 5900 CC 360 CID OHV 16V V8 AMC	1970	9
AMX	6.4L 6391 CC 390 CID OHV 16V V8 AMC	1968-1970	12
Classic	3.3L 3261 CC 199 CID OHV 12V L6 AMC	1965-1966	3
Classic	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1964-1966	3
Classic	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1965	7
Classic	4.7L 4703 CC 287 CID OHV 16V V8 AMC	1963-1966	8
Classic	4.7L 4753 CC 290 CID OHV 16V V8 AMC	1966	9
Concord	2.5L 151 CID OHV 8V L4 GMC; Pontiac	1980-1982	2
Concord	3.8L 232 CID OHV 12V L6 AMC	1978-1979	3
Concord	4.2L 258 CID OHV 12V L6 AMC	1978-1983	3
Concord	5.0L 304 CID OHV 16V V8 AMC	1978-1979	9
Eagle	2.5L 150 CID OHV 8V L4 AMC	1983-1984	1
Eagle	2.5L 151 CID OHV 8V L4 GMC; Pontiac	1981-1983	2
Eagle	4.2L 258 CID OHV 12V L6 AMC	1980-1988	3
Gremlin	3.3L 3261 CC 199 CID OHV 12V L6 AMC	1970	4
Gremlin	3.3L 3261 CC 199 CID OHV 12V L6 AMC	1970	3
Gremlin	3.8L 232 CID OHV 12V L6 AMC	1975-1978	3
Gremlin	3.8L 3802 CC 232 CID OHV 12V L6 AMC	1970-1974	6
Gremlin	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1970-1974	3
Gremlin	4.2L 258 CID OHV 12V L6 AMC	1975-1978	3
Gremlin	4.2L 4228 CC 258 CID OHV 12V L6 AMC	1971-1974	6
Gremlin	4.2L 4229 CC 258 CID OHV 12V L6 AMC	1971-1974	6
Gremlin	5.0L 304 CID OHV 16V V8 AMC	1975-1976	9
Gremlin	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1972-1974	11
Gremlin	5.0L 4983 CC 304 CID OHV 16V V8 AMC	1972-1974	11
Hornet	3.3L 3261 CC 199 CID OHV 12V L6 AMC	1970	4
Hornet	3.3L 3261 CC 199 CID OHV 12V L6 AMC	1970	3
Hornet	3.8L 232 CID OHV 12V L6 AMC	1975-1977	3
Hornet	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1970-1974	3
Hornet	3.8L 3802 CC 232 CID OHV 12V L6 AMC	1970-1974	6
Hornet	4.2L 258 CID OHV 12V L6 AMC	1975-1977	3
Hornet	4.2L 4228 CC 258 CID OHV 12V L6 AMC	1971	3
Hornet	4.2L 4228 CC 258 CID OHV 12V L6 AMC	1971-1974	6
Hornet	4.2L 4229 CC 258 CID OHV 12V L6 AMC	1971-1974	6
Hornet	5.0L 304 CID OHV 16V V8 AMC	1975-1977	9
Hornet	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1970-1971	10
Hornet	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1970-1974	11
Hornet	5.0L 4983 CC 304 CID OHV 16V V8 AMC	1970-1974	11
Hornet	5.9L 5899 CC 360 CID OHV 16V V8 AMC	1971-1974	11
Hornet	5.9L 5900 CC 360 CID OHV 16V V8 AMC	1971-1974	11
Javelin	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1968-1974	3
Javelin	3.8L 3802 CC 232 CID OHV 12V L6 AMC	1970	6
Javelin	3.8L 3802 CC 232 CID OHV 12V L6 AMC	1971-1974	5
Javelin	4.2L 4228 CC 258 CID OHV 12V L6 AMC	1971-1974	6
Javelin	4.2L 4229 CC 258 CID OHV 12V L6 AMC	1971-1974	3

AMERICAN MOTORS

MODEL	ENGINE	YEAR	BLOCK
Javelin	4.7L 4753 CC 290 CID OHV 16V V8 AMC	1968-1969	9
Javelin	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1970-1973	10
Javelin	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1970-1974	11
Javelin	5.0L 4983 CC 304 CID OHV 16V V8 AMC	1970	11
Javelin	5.0L 4983 CC 304 CID OHV 16V V8 AMC	1971-1974	9
Javelin	5.6L 5585 CC 343 CID OHV 16V V8 AMC	1968-1969	9
Javelin	5.9L 5899 CC 360 CID OHV 16V V8 AMC	1970-1974	11
Javelin	5.9L 5900 CC 360 CID OHV 16V V8 AMC	1970	11
Javelin	5.9L 5900 CC 360 CID OHV 16V V8 AMC	1971-1974	9
Javelin	6.4L 6391 CC 390 CID OHV 16V V8 AMC	1968-1970	12
Javelin	6.6L 6571 CC 401 CID OHV 16V V8 AMC	1971-1974	12
Javelin	6.6L 6572 CC 401 CID OHV 16V V8 AMC	1971-1974	12
Marlin	3.3L 3261 CC 199 CID OHV 12V L6 AMC	1966-1967	4
Marlin	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1965-1967	3
Marlin	4.7L 4703 CC 287 CID OHV 16V V8 AMC	1965-1966	8
Marlin	4.7L 4753 CC 290 CID OHV 16V V8 AMC	1967	9
Marlin	5.6L 5585 CC 343 CID OHV 16V V8 AMC	1967	10
Matador	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1971-1974	3
Matador	3.8L 3802 CC 232 CID OHV 12V L6 AMC	1971-1974	6
Matador	4.2L 258 CID OHV 12V L6 AMC	1975-1978	3
Matador	4.2L 4228 CC 258 CID OHV 12V L6 AMC	1971-1974	6
Matador	4.2L 4229 CC 258 CID OHV 12V L6 AMC	1971-1974	6
Matador	5.0L 304 CID OHV 16V V8 AMC	1975-1977	9
Matador	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1971-1974	11
Matador	5.0L 4983 CC 304 CID OHV 16V V8 AMC	1971-1974	11
Matador	5.9L 360 CID OHV 16V V8 AMC	1975-1978	9
Matador	5.9L 5899 CC 360 CID OHV 16V V8 AMC	1971-1974	11
Matador	5.9L 5900 CC 360 CID OHV 16V V8 AMC	1971-1974	11
Matador	6.6L 401 CID OHV 16V V8 AMC	1975-1976	12
Matador	6.6L 6571 CC 401 CID OHV 16V V8 AMC	1971-1974	12
Matador	6.6L 6572 CC 401 CID OHV 16V V8 AMC	1971-1974	12
Pacer	3.8L 232 CID OHV 12V L6 AMC	1975-1978	3
Pacer	4.2L 258 CID OHV 12V L6 AMC	1975-1980	3
Pacer	5.0L 304 CID OHV 16V V8 AMC	1978-1979	9
Rambler	3.3L 3261 CC 199 CID OHV 12V L6 AMC	1969	3
Rambler	3.3L 3261 CC 199 CID OHV 12V L6 AMC	1969	4
Rambler	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1969	3
Rambler	4.7L 4753 CC 290 CID OHV 16V V8 AMC	1969	9
Rambler	5.6L 5585 CC 343 CID OHV 16V V8 AMC	1969	10
Rambler	6.4L 6391 CC 390 CID OHV 16V V8 AMC	1969	12
Rebel	3.3L 3261 CC 199 CID OHV 12V L6 AMC	1967	4
Rebel	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1967-1970	3
Rebel	3.8L 3802 CC 232 CID OHV 12V L6 AMC	1970	6
Rebel	4.7L 4703 CC 287 CID OHV 16V V8 AMC	1966	8
Rebel	4.7L 4753 CC 290 CID OHV 16V V8 AMC	1967-1968	9
Rebel	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1970	10
Rebel	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1970	11
Rebel	5.0L 4983 CC 304 CID OHV 16V V8 AMC	1970	11
Rebel	5.6L 5585 CC 343 CID OHV 16V V8 AMC	1967-1968	9
Rebel	5.6L 5585 CC 343 CID OHV 16V V8 AMC	1967-1968	10



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MODEL	ENGINE	YEAR	BLOCK
Rebel	5.9L 5899 CC 360 CID OHV 16V V8 AMC	1970	11
Rebel	5.9L 5900 CC 360 CID OHV 16V V8 AMC	1970	11
Rebel	6.4L 6391 CC 390 CID OHV 16V V8 AMC	1968-1970	12
Rogue	4.7L 4753 CC 290 CID OHV 16V V8 AMC	1966	9
Spirit	2.5L 151 CID OHV 8V L4 GMC; Pontiac	1980-1982	2
Spirit	3.8L 232 CID OHV 12V L6 AMC	1979	3
Spirit	4.2L 258 CID OHV 12V L6 AMC	1979-1983	3
Spirit	5.0L 304 CID OHV 16V V8 AMC	1979	9

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL				
1	2.5L 151 CID OHV 8V L4 AMC VIN Code: 'U' (1983-1984)			3.880"/98.5mm x 3.190"/81.0mm				1
Connecting Rod Bearing Pair (4)	AL-5	CB-960A	STD,10,20,30,40	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Pair (4)	TM-77	CB-960P-1		2.0948/2.0955	0.0007/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Set	AL-5	CB-960A(4)	STD,10,20,30	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Main Bearing Set		MS-1568P	STD,10,20,30					
1-3-4-5		MB3974PU		2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	0.9860
2		MB-2263P		2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	1.2700
		MB-2264P(F)						
Camshaft Bearing Set	B-1	SH-1980S	STD					
1		SH-1980		2.0295/2.0305	0.0010/0.0050	0.0620	2.1555/2.1565	0.6950
2		SH-550		2.0195/2.0205	0.0010/0.0050	0.0620	2.1455/2.1465	0.7050
3		SH-551		2.0095/2.0105	0.0010/0.0050	0.0620	2.1355/2.1365	0.7050
4		SH-552		1.9995/2.0005	0.0010/0.0050	0.0620	2.1255/2.1265	0.7050
2	2.5L 151 CID OHV 8V L4 GMC; Pontiac VIN Code: 'B' (1980-1983)			4.000"/101.6mm x 3.000"/76.2mm				2
Connecting Rod Bearing Pair (4)	AL-5	CB-610A	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Pair (4)	AL-5	CB-1878A-10	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (4)	TM-77	CB-610P-1		1.9995/2.0050	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-610A(4)	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-1878A-10(4)	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-1733A	STD,10,20,30					
1-2-3-4		MB-3135A		2.2983/2.2993	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
5		MB-2588A(F)		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090



AMERICAN MOTORS

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
2 (cont.)	2.5L 151 CID OHV 8V L4 GMC; Pontiac VIN Code: 'B' (1980-1983)			4.000"/101.6mm x 3.000"/76.2mm				2 (cont.)
Main Bearing Set 1-2-3-4 5	TM-77	MS-1733P MB-3135P MB-2588P(F)	STD,10,20,30,40	2.2980/2.2990 2.2983/2.2993	0.0003/0.0033 0.0006/0.0036	0.0955 0.0955	2.4906/2.4916 2.4906/2.4916	0.8070 1.0090
Camshaft Bearing Set 1-2-3	B-1	SH-1030S SH-400	STD	1.8680/1.8690	0.0010/0.0050	0.0647	1.9990/2.0010	0.8700
6 CYL								
3	3.3L 3261 CC 199 CID OHV 12V L6 AMC VIN Codes: 'B' (1970), 'E' (1966), 'J' (1965-1969), 'P' (1968-1969)			3.750"/95.3mm x 3.000"/76.0mm				3
	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque VIN Codes: 'B' (1966-1969), 'C' (1968-1969), 'E' (1970-1974), 'F' (1966-1968, 1970-1971), 'G' (1966-1968, 1970-1971), 'L' (1964-1968), 'M' (1966-1967), 'P' (1967-1969), 'Q' (1970-1971), 'S' (1967), 'T' (1967), 'V' (1966)			3.750"/95.2mm x 3.430"/87.3mm				
	3.8L 232 CID OHV 12V L6 AMC VIN Code: 'E' (1975-1979)			3.750"/95.3mm x 3.500"/88.8mm				
	4.2L 4228 CC 258 CID OHV 12V L6 AMC VIN Code: 'B' (1971)			3.750"/95.3mm x 3.900"/98.9mm				
	4.2L 4229 CC 258 CID OHV 12V L6 AMC VIN Code: 'A' (1971-1974)			3.750"/95.3mm x 3.900"/98.9mm				
	4.2L 258 CID OHV 12V L6 AMC VIN Codes: 'A' (1975-1979), 'C' (1976-1988)			3.750"/95.3mm x 3.900"/99.0mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-960A	STD,10,20,30,40	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Pair (6)	TM-77	CB-960P-1		2.0948/2.0955	0.0007/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Set	AL-5	CB-960A(6)	STD,10,20,30	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Main Bearing Set 1-2-4-5-6-7 3		MS-704P MB3974PU MB-2263P MB-2264P(F)	STD,10,20,30,40	2.4996/2.5001 2.4996/2.5001	0.0006/0.0031 0.0006/0.0031	0.0953 0.0953	2.6910/2.6920 2.6910/2.6920	0.9860 1.2700
Camshaft Bearing Set 1 2 3 4	B-1	SH-1980S SH-1980 SH-550 SH-551 SH-552	STD	2.0295/2.0305 2.0195/2.0205 2.0095/2.0105 1.9995/2.0005	0.0010/0.0050 0.0010/0.0050 0.0010/0.0050 0.0010/0.0050	0.0620 0.0620 0.0620 0.0620	2.1555/2.1565 2.1455/2.1465 2.1355/2.1365 2.1255/2.1265	0.6950 0.7050 0.7050 0.7050
4	3.3L 3261 CC 199 CID OHV 12V L6 AMC VIN Code: 'A' (1966-1970)			3.750"/95.3mm x 3.000"/76.0mm				4
Connecting Rod Bearing Pair (6)	AL-5	CB-960A	STD,10,20,30,40	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Pair (6)	TM-77	CB-960P-1		2.0948/2.0955	0.0007/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Set	AL-5	CB-960A(6)	STD,10,20,30	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370



AMERICAN MOTORS

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
4 (cont.)	3.3L 3261 CC 199 CID OHV 12V L6 AMC VIN Code: 'A' (1966-1970)			3.750"/95.3mm x 3.000"/76.0mm				4 (cont.)
Camshaft Bearing Set	B-1	SH-1980S	STD					
1		SH-1980		2.0295/2.0305	0.0010/0.0050	0.0620	2.1555/2.1565	0.6950
2		SH-550		2.0195/2.0205	0.0010/0.0050	0.0620	2.1455/2.1465	0.7050
3		SH-551		2.0095/2.0105	0.0010/0.0050	0.0620	2.1355/2.1365	0.7050
4		SH-552		1.9995/2.0005	0.0010/0.0050	0.0620	2.1255/2.1265	0.7050
5	3.8L 3802 CC 232 CID OHV 12V L6 AMC VIN Code: 'E' (1971-1974)			3.750"/95.2mm x 3.430"/87.3mm				5
Main Bearing Set		MS-704P	STD,10,20,30,40					
1-2-4-5-6-7		MB3974PU		2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	0.9860
3		MB-2263P		2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	1.2700
		MB-2264P(F)						
Camshaft Bearing Set	B-1	SH-1980S	STD					
1		SH-1980		2.0295/2.0305	0.0010/0.0050	0.0620	2.1555/2.1565	0.6950
2		SH-550		2.0195/2.0205	0.0010/0.0050	0.0620	2.1455/2.1465	0.7050
3		SH-551		2.0095/2.0105	0.0010/0.0050	0.0620	2.1355/2.1365	0.7050
4		SH-552		1.9995/2.0005	0.0010/0.0050	0.0620	2.1255/2.1265	0.7050
6	3.8L 3802 CC 232 CID OHV 12V L6 AMC VIN Code: 'E' (1970-1974)			3.750"/95.2mm x 3.430"/87.3mm				6
	4.2L 4228 CC 258 CID OHV 12V L6 AMC VIN Code: 'A' (1971-1974)			3.750"/95.3mm x 3.900"/98.9mm				
	4.2L 4229 CC 258 CID OHV 12V L6 AMC VIN Code: 'A' (1971-1974)			3.750"/95.3mm x 3.900"/98.9mm				
Camshaft Bearing Set	B-1	SH-1980S	STD					
1		SH-1980		2.0295/2.0305	0.0010/0.0050	0.0620	2.1555/2.1565	0.6950
2		SH-550		2.0195/2.0205	0.0010/0.0050	0.0620	2.1455/2.1465	0.7050
3		SH-551		2.0095/2.0105	0.0010/0.0050	0.0620	2.1355/2.1365	0.7050
4		SH-552		1.9995/2.0005	0.0010/0.0050	0.0620	2.1255/2.1265	0.7050
7	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque VIN Code: 'W' (1965)			3.750"/95.3mm x 3.500"/88.9mm				7
Connecting Rod Bearing Pair (6)	AL-5	CB-960A	STD,10,20,30,40	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Pair (6)	TM-77	CB-960P-1		2.0948/2.0955	0.0007/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Set	AL-5	CB-960A(6)	STD,10,20,30	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Main Bearing Set		MS-704P	STD,10,20,30,40					
1-2-4-5-6-7		MB3974PU		2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	0.9860
3		MB-2263P		2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	1.2700
		MB-2264P(F)						
				8 CYL				
8	4.7L 4703 CC 287 CID OHV 16V V8 AMC VIN Codes: 'H' (1966), 'N' (1966), 'T' (1966)			3.750"/95.3mm x 3.250"/82.6mm				8
Main Bearing Set		MS-1041P	STD,10,20,30					
1-2-4-5		MB-2579P						
3		MB-2578P(F)		2.7474/2.7489	0.0006/0.0038	0.0959	2.9410/2.9417	1.2700



AMERICAN MOTORS

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
9	4.7L 4753 CC 290 CID OHV 16V V8 AMC VIN Codes: 'C' (1966-1967), 'D' (1966-1967), 'H' (1966-1969), 'M' (1968-1969), 'N' (1966-1969), 'U' (1967)			3.750"/95.2mm x 3.280"/83.3mm				9
	5.0L 4983 CC 304 CID OHV 16V V8 AMC VIN Code: 'H' (1971-1974)			3.750"/95.3mm x 3.440"/87.4mm				
	5.0L 304 CID OHV 16V V8 AMC VIN Code: 'H' (1975-1979)			3.750"/95.3mm x 3.440"/87.4mm				
	5.6L 5585 CC 343 CID OHV 16V V8 AMC VIN Codes: 'R' (1967), 'S' (1968-1969), 'T' (1968-1969)			4.080"/103.6mm x 3.280"/83.3mm				
	5.9L 360 CID OHV 16V V8 AMC VIN Codes: 'N' (1975-1978), 'P' (1975-1976)			4.080"/103.6mm x 3.440"/87.4mm				
	5.9L 5900 CC 360 CID OHV 16V V8 AMC VIN Codes: 'N' (1971-1974), 'P' (1970-1974)			4.080"/103.6mm x 3.440"/87.4mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-960A	STD,10,20,30,40	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Pair (8)	TM-77	CB-960P-1		2.0948/2.0955	0.0007/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Set	AL-5	CB-960A(8)	STD,10,20,30	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Main Bearing Set 1-2-4-5 3		MS-1041P MB-2579P MB-2578P(F)	STD,10,20,30					
				2.7474/2.7489	0.0006/0.0038	0.0959	2.9410/2.9417	1.2700
Camshaft Bearing Set 3 4	B-1	SH-671S SH-673 SH-674	STD					
				2.0595/2.0605	0.0010/0.0050	0.0620	2.1855/2.1865	0.6400
				2.0295/2.0305	0.0010/0.0050	0.0620	2.1555/2.1565	0.6400
10	5.0L 4982 CC 304 CID OHV 16V V8 AMC VIN Codes: 'I' (1970-1971), 'M' (1971-1974)			3.750"/95.3mm x 3.440"/87.3mm				10
	5.6L 5585 CC 343 CID OHV 16V V8 AMC VIN Codes: 'J' (1967), 'K' (1967), 'Q' (1967), 'V' (1967), 'W' (1967), 'X' (1967-1969), 'Z' (1967-1969)			4.080"/103.6mm x 3.280"/83.3mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-960A	STD,10,20,30,40	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Pair (8)	TM-77	CB-960P-1		2.0948/2.0955	0.0007/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Set	AL-5	CB-960A(8)	STD,10,20,30	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Main Bearing Set 1-2-4-5 3		MS-1041P MB-2579P MB-2578P(F)	STD,10,20,30					
				2.7474/2.7489	0.0006/0.0038	0.0959	2.9410/2.9417	1.2700
11	5.0L 4982 CC 304 CID OHV 16V V8 AMC VIN Code: 'H' (1970-1974)			3.750"/95.3mm x 3.440"/87.3mm				11
	5.0L 4983 CC 304 CID OHV 16V V8 AMC VIN Code: 'H' (1970-1974)			3.750"/95.3mm x 3.440"/87.4mm				
	5.9L 5900 CC 360 CID OHV 16V V8 AMC VIN Codes: 'N' (1970-1974), 'P' (1970-1974)			4.080"/103.6mm x 3.440"/87.4mm				
	5.9L 5899 CC 360 CID OHV 16V V8 AMC VIN Codes: 'N' (1970-1974), 'P' (1970-1974)			4.080"/103.6mm x 3.440"/87.3mm				
Connecting Rod Bearing Set	AL-5	CB-960A(8)	STD,10,20,30	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370



AMERICAN MOTORS

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
11 (cont.)	5.0L 4982 CC 304 CID OHV 16V V8 AMC VIN Code: 'H' (1970-1974)			3.750"/95.3mm x 3.440"/87.3mm					11 (cont.)
	5.0L 4983 CC 304 CID OHV 16V V8 AMC VIN Code: 'H' (1970-1974)			3.750"/95.3mm x 3.440"/87.4mm					
	5.9L 5900 CC 360 CID OHV 16V V8 AMC VIN Codes: 'N' (1970-1974), 'P' (1970-1974)			4.080"/103.6mm x 3.440"/87.4mm					
	5.9L 5899 CC 360 CID OHV 16V V8 AMC VIN Codes: 'N' (1970-1974), 'P' (1970-1974)			4.080"/103.6mm x 3.440"/87.3mm					
	Main Bearing Set 1-2-4-5 3			MS-1041P MB-2579P MB-2578P(F)	STD,10,20,30	2.7474/2.7489	0.0006/0.0038	0.0959 2.9410/2.9417	
Camshaft Bearing Set 3 4			B-1 SH-671S	STD	2.0595/2.0605 2.0295/2.0305	0.0010/0.0050 0.0010/0.0050	0.0620 2.1855/2.1865 0.0620 2.1555/2.1565	0.6400 0.6400	
12	6.4L 6391 CC 390 CID OHV 16V V8 AMC VIN Codes: 'W' (1968-1969), 'X' (1968-1970), 'Y' (1970)			4.170"/105.9mm x 3.570"/90.7mm					12
	6.6L 6572 CC 401 CID OHV 16V V8 AMC VIN Code: 'Z' (1971-1974)			4.170"/105.9mm x 3.680"/93.5mm					
	6.6L 6571 CC 401 CID OHV 16V V8 AMC VIN Code: 'Z' (1971-1974)			4.170"/105.9mm x 3.680"/93.5mm					
	6.6L 401 CID OHV 16V V8 AMC VIN Code: 'Z' (1975-1976)			4.170"/105.9mm x 3.680"/93.5mm					
	Connecting Rod Bearing Pair (8)			TM-77 CB-819P	STD,10,20,30	2.2478/2.2485	0.0019/0.0041	0.0623 2.3745/2.3750	
Main Bearing Set 1-2-4-5 3			MS-1041P MB-2579P MB-2578P(F)	STD,10,20,30	2.7474/2.7489	0.0006/0.0038	0.0959 2.9410/2.9417	1.2700	
Camshaft Bearing Set 3 4			B-1 SH-671S	STD	2.0595/2.0605 2.0295/2.0305	0.0010/0.0050 0.0010/0.0050	0.0620 2.1855/2.1865 0.0620 2.1555/2.1565	0.6400 0.6400	

AM General

ENGINE	YEAR	BORE & STROKE	BLOCK
5.7L 350 CID OHV 16V V8 GMC	1995-1996	4.060"/103.0mm x 3.390"/86.0mm	1
6.2L 379 CID OHV 16V V8 GMC	1992-1993	3.980"/101.0mm x 3.820"/97.0mm	2
6.5L 395 CID OHV 16V V8 GMC	1994-2001	4.060"/103.0mm x 3.820"/97.0mm	2

MODEL	ENGINE	YEAR	BLOCK
Hummer	5.7L 350 CID OHV 16V V8 GMC	1995-1996	1



AM General

MODEL	ENGINE	YEAR	BLOCK
Hummer	6.2L 379 CID OHV 16V V8 GMC	1992-1993	2
Hummer	6.5L 395 CID OHV 16V V8 GMC	1994-2001	2

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
1	5.7L 350 CID OHV 16V V8 GMC VIN Code: 'D' (1995-1996)			4.060"/103.0mm x 3.390"/86.0mm				1
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set 1-2-3-4	AL-5	MS-909A	STD,1,10,20,30,40	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2508A		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
		MB-2509A(F)						
Main Bearing Set 1-2-3-4	TM-77	MS-909P	STD,1,2,10,20,30,40,C60	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2508P		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
		MB-2509P(F)						
Main Bearing Set 1-2-3-4	TM-77	MS-1744P-10	20	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2508P		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	0.8070
		MB-3119P(F)						1.7280
NOTE: Contains .010in Oversized Length Flanged Bearing								
Camshaft Bearing Set 1	B-1	SH-290S	STD,10					
2-5		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
3-4		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
Camshaft Bearing Set 1	B-2	SH-1349S	STD					
2-5		SH-1349		1.8682/1.8692	0.0010/0.0048	0.0744	2.0190/2.0210	0.7450
3-4		SH-1350		1.8682/1.8692	0.0010/0.0048	0.0694	2.0090/2.0110	0.7450
		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
NOTE: Heavy Duty Engine								



AM General

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
1 (cont.)	5.7L 350 CID OHV 16V V8 GMC VIN Code: 'D' (1995-1996)			4.060"/103.0mm x 3.390"/86.0mm				1 (cont.)
Camshaft Bearing Set 1-2-3-4-5	B-2	SH-1796S SH-1351	STD	1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
NOTE: Oversize Align Bored Blocks With Housing Bore Diameter 1.9990/2.0010								
2	6.2L 379 CID OHV 16V V8 GMC VIN Code: 'X' (1992-1993)			3.980"/101.0mm x 3.820"/97.0mm				2
	6.5L 395 CID OHV 16V V8 GMC VIN Codes: 'Y' (1994-1998), 'Z' (1996-2001)			4.060"/103.0mm x 3.820"/97.0mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-1286P	STD, .026mm, .25mm, .50mm, .75mm	2.3982/2.3992	0.0014/0.0044	0.0620	2.5246/2.5256	0.9020
Connecting Rod Bearing Set	TM-77	CB-1286P(8)	STD, .25mm, .50mm, .75mm	2.3982/2.3992	0.0014/0.0044	0.0620	2.5246/2.5256	0.9020
Main Bearing Set 1-2-4 3 5	TM-77	MS-2091P MB-3587P MB-3588P(F) MB-3589P	STD, .026mm, .25mm, .50mm, .75mm	2.9495/2.9504 2.9495/2.9504 2.9493/2.9503	0.0016/0.0045 0.0016/0.0045 0.0018/0.0047	0.0955 0.0955 0.0955	3.1427/3.1437 3.1427/3.1437 3.1427/3.1437	0.8970 1.1300 1.3910
Camshaft Bearing Set 1 2 3 4 5	B-1	SH-1366S SH-1366 SH-1367 SH-1368 SH1369 SH-1370	STD	2.1644/2.1663 2.1644/2.1663 2.1644/2.1663 2.1644/2.1663 2.0069/2.0089	0.0011/0.0062 0.0011/0.0062 0.0011/0.0062 0.0011/0.0062 0.0011/0.0063	0.0798 0.0753 0.0703 0.0653 0.0655	2.3270/2.3290 2.3180/2.3200 2.3080/2.3100 2.2980/2.3000 2.1410/2.1430	0.9000 0.7800 0.7800 0.7800 0.7800
Piston Pin Bushing (8)	C-1	223-3576	STD				0.0580 1.3030/1.3045	1.0010
NOTE: OE Replacement, Requires Boring								

APOLLO

ENGINE	YEAR	BORE & STROKE	BLOCK
4.9L 4917 CC 300 CID OHV 16V V8 GMC KL, KP	1964	3.750"/95.3mm x 3.400"/86.4mm	1

MODEL	ENGINE	YEAR	BLOCK
GT	4.9L 4917 CC 300 CID OHV 16V V8 GMC	1964	1



APOLLO

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
1	4.9L 4917 CC 300 CID OHV 16V V8 GMC KL, KP (1964)			3.750"/95.3mm x 3.400"/86.4mm			1	
Camshaft Bearing Set								
	B-1	SH-1360S	STD					
1		SH-1360		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.7550
2		SH-506		1.7550/1.7560	0.0010/0.0060	0.0643	1.8855/1.8875	0.7600
3		SH-363		1.7250/1.7260	0.0010/0.0060	0.0643	1.8555/1.8575	0.7600
4		SH-364		1.6950/1.6960	0.0010/0.0060	0.0643	1.8255/1.8275	0.7600
5		SH-365		1.6650/1.6660	0.0010/0.0060	0.0643	1.7955/1.7975	0.7600

AUDI

ENGINE	YEAR	BORE & STROKE	BLOCK
1.5L 1471 CC 90 CID SOHC 8V L4 VW XV, XW, XY, XZ, ZD, ZE	1973-1974	3.010"/76.5mm x 3.150"/80.0mm	1
1.6L 1588 CC 97 CID SOHC 8V L4 VW CR, CY, JK	1982-1983	3.130"/79.5mm x 3.150"/80.0mm	2
1.6L 1588 CC 97 CID SOHC 8V L4 VW YG, YH, YK	1975-1980	3.130"/79.5mm x 3.150"/80.0mm	1
1.7L 1715 CC SOHC 8V L4 VW WT	1981-1983	3.130"/79.5mm x 3.400"/86.4mm	1
1.8L 1780 CC SOHC 8V L4 VW JN, MG	1984-1987	3.190"/81.0mm x 3.400"/86.4mm	3
1.8L 1781 CC DOHC 20V L4 VW BEA	1999-2006	3.190"/81.0mm x 3.400"/86.4mm	4
1.8L 1781 CC DOHC 20V L4 VW AEB, AMB, AMU, ATC, ATW, AWM, AWP	1997-2006	3.190"/81.0mm x 3.400"/86.4mm	5
2.0L 1983 CC SOHC 8V L4 VW 3A	1988-1990	3.310"/84.1mm x 3.540"/90.0mm	3
2.0L 1986 CC SOHC 10V L5 VW CN, DE	1979-1985	3.010"/76.5mm x 3.400"/86.4mm	6
2.1L 2144 CC SOHC 10V L5 VW WE	1981-1984	3.130"/79.5mm x 3.400"/86.4mm	7
2.2L 2144 CC SOHC 10V L5 VW KH, WU	1984-1985	3.130"/79.5mm x 3.400"/86.4mm	6
2.2L 2144 CC SOHC 10V L5 VW WD, WE, WK	1978-1983	3.130"/79.5mm x 3.400"/86.4mm	8
2.2L 2226 CC SOHC 10V L5 VW JT, MC	1984-1991	3.190"/81.0mm x 3.400"/85.4mm	6
2.2L 2226 CC SOHC 10V L5 KZ	1985-1987	3.190"/81.0mm x 3.400"/85.4mm	6
2.2L 2144 CC SOHC 10V L5 VW WX	1983-1986	3.190"/81.0mm x 3.400"/85.4mm	7
2.2L 2226 CC SOHC 10V L5 VW KX	1984-1987	3.250"/82.5mm x 3.400"/86.4mm	6
2.2L 2226 CC DOHC 20V L5 VW 3B	1991	3.190"/81.0mm x 3.400"/85.4mm	9
2.2L 2226 CC DOHC 20V L5 AAN	1992-1997	3.190"/81.0mm x 3.400"/85.4mm	6
2.3L 2309 CC SOHC 10V L5 VW NF, NG	1987-1992	3.250"/82.5mm x 3.400"/86.4mm	6
2.3L 2309 CC DOHC 20V L5 VW 7A	1990-1992	3.250"/82.5mm x 3.400"/86.4mm	6
2.8L 2771 CC SOHC 12V V6 VW AFC	1994-1998	3.190"/81.0mm x 3.560"/90.3mm	10
2.8L 2771 CC SOHC 12V V6 VW AAH	1992-1995	3.270"/82.5mm x 3.390"/86.1mm	10
2.8L 2771 CC DOHC 30V V6 VW AHA	1997-1999	3.190"/81.0mm x 3.560"/90.3mm	11
2.8L 2771 CC DOHC 30V V6 VW AHA	1998	3.190"/81.0mm x 3.560"/90.3mm	10



AUDI

MODEL	ENGINE	YEAR	BLOCK
100	2.3L 2309 CC SOHC 10V L5 VW	1989-1991	6
100	2.8L 2771 CC SOHC 12V V6 VW	1992-1994	10
100 Quattro	2.3L 2309 CC SOHC 10V L5 VW	1989-1991	6
100 Quattro	2.8L 2771 CC SOHC 12V V6 VW	1992-1994	10
200	2.2L 2226 CC SOHC 10V L5 VW	1989-1991	6
200 Quattro	2.2L 2226 CC SOHC 10V L5 VW	1989-1991	6
200 Quattro	2.2L 2226 CC DOHC 20V L5 VW	1991	9
4000	1.7L 1715 CC SOHC 8V L4 VW	1981-1983	1
4000	1.8L 1780 CC SOHC 8V L4 VW	1984-1987	3
4000	2.1L 2144 CC SOHC 10V L5 VW	1981-1984	7
4000	2.2L 2144 CC SOHC 10V L5 VW	1980	8
4000	1.6L 1588 CC 97 CID SOHC 8V L4 VW	1980	1
4000	1.6L 1588 CC 97 CID SOHC 8V L4 VW	1982-1983	2
4000 Quattro	2.2L 2226 CC SOHC 10V L5 VW	1984-1987	6
5000	2.0L 1986 CC SOHC 10V L5 VW	1979-1985	6
5000	2.1L 2144 CC SOHC 10V L5 VW	1981-1983	7
5000	2.2L 2144 CC SOHC 10V L5 VW	1978-1983	8
5000	2.2L 2144 CC SOHC 10V L5 VW	1984-1985	6
5000	2.2L 2226 CC SOHC 10V L5 VW	1985-1988	6
5000	2.3L 2309 CC SOHC 10V L5 VW	1987-1988	6
5000 Quattro	2.2L 2226 CC SOHC 10V L5 VW	1986-1988	6
5000 Quattro	2.3L 2309 CC SOHC 10V L5 VW	1987-1988	6
80	2.0L 1983 CC SOHC 8V L4 VW	1988-1990	3
80	2.3L 2309 CC SOHC 10V L5 VW	1991-1992	6
80 Quattro	2.3L 2309 CC SOHC 10V L5 VW	1988-1992	6
90	2.0L 1983 CC SOHC 8V L4 VW	1988	3
90	2.3L 2309 CC SOHC 10V L5 VW	1988-1991	6
90	2.8L 2771 CC SOHC 12V V6 VW	1993-1995	10
90 Quattro	2.3L 2309 CC SOHC 10V L5 VW	1988-1989	6
90 Quattro	2.3L 2309 CC DOHC 20V L5 VW	1990-1992	6
90 Quattro	2.8L 2771 CC SOHC 12V V6 VW	1993-1995	10
A4	1.8L 1781 CC DOHC 20V L4 VW	1997-2006	5
A4	2.8L 2771 CC SOHC 12V V6 VW	1996-1997	10
A4	2.8L 2771 CC DOHC 30V V6 VW	1997-1999	11
A4 Quattro	1.8L 1781 CC DOHC 20V L4 VW	1997-2005	5
A4 Quattro	2.8L 2771 CC SOHC 12V V6 VW	1996-1997	10
A6	2.8L 2771 CC SOHC 12V V6 VW	1995-1997	10
A6	2.8L 2771 CC DOHC 30V V6 VW	1998-1999	11
A6 Quattro	2.8L 2771 CC SOHC 12V V6 VW	1995-1998	10
A6 Quattro	2.8L 2771 CC DOHC 30V V6 VW	1998	10
Cabriolet	2.8L 2771 CC SOHC 12V V6 VW	1994-1998	10
Coupe	2.1L 2144 CC SOHC 10V L5 VW	1981-1984	7
Coupe	2.2L 2226 CC SOHC 10V L5 VW	1984-1987	6
Coupe Quattro	2.3L 2309 CC DOHC 20V L5 VW	1990-1991	6
Fox	1.5L 1471 CC 90 CID SOHC 8V L4 VW	1973-1974	1
Fox	1.6L 1588 CC 97 CID SOHC 8V L4 VW	1975-1979	1
Quattro	2.2L 2144 CC SOHC 10V L5 VW	1983-1986	7
S4	2.2L 2226 CC DOHC 20V L5	1992-1994	6
S6	2.2L 2226 CC DOHC 20V L5	1995-1997	6
TT	1.8L 1781 CC DOHC 20V L4 VW	1999	4

AUDI

MODEL	ENGINE	YEAR	BLOCK
TT	1.8L 1781 CC DOHC 20V L4 VW	2000-2006	5
TT Quattro	1.8L 1781 CC DOHC 20V L4 VW	2000-2002	5
TT Quattro	1.8L 1781 CC DOHC 20V L4 VW	2003-2006	4

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1.5L 1471 CC 90 CID SOHC 8V L4 VW XV, XW, XY, XZ, ZD, ZE (1973-1974)			3.010"/76.5mm		x 3.150"/80.0mm		1
	1.6L 1588 CC 97 CID SOHC 8V L4 VW YG, YH, YK (1975-1980)			3.130"/79.5mm		x 3.150"/80.0mm		
	1.7L 1715 CC SOHC 8V L4 VW WT VIN Code: 'A' (1981-1983)			3.130"/79.5mm		x 3.400"/86.4mm		
Connecting Rod Bearing Pair (4)	AL-5	CB-1017A	STD, .25mm, .50mm, .75mm	1.8087/1.8094	0.0016/0.0040	0.0593	1.9291/1.9298	0.7480
Connecting Rod Bearing Pair (4)	TM-77	CB-1017P	STD	1.8094	0.0016/0.0040	0.0593	1.9291/1.9298	0.7480
Connecting Rod Bearing Set	AL-5	CB-1017A(4)	STD, .25mm, .50mm, .75mm	1.8087/1.8094	0.0016/0.0040	0.0593	1.9291/1.9298	0.7480
Main Bearing Set 1-2-4-5	AL-5	MS-1157A	STD, 10, 20, 30, 40	2.1236/2.1244	0.0014/0.0040	0.0985	2.3228/2.3236	0.7280
3		MB-692A MB-693A(F)		2.1236/2.1244	0.0014/0.0040	0.0985	2.3228/2.3236	0.9815
NOTE: Undersize Sets Contain .10mm Oversize Length Flanged Bearing, Will Also Service Engines Equipped With Thrust Washers								
Thrust Washer Set		TW-704S	STD					
		MB692WL		2.3300			2.8800	0.0790
		MB692WU		2.3300			2.8800	0.0790
Camshaft Bearing Set 1	B-1	SH-1209S	STD					
2		SH-1209 SH-1210		1.6913/1.6919	0.0011/0.0039	0.0590	1.8110/1.8120	0.5900
				1.6519/1.6525	0.0011/0.0033	0.0590	1.7716/1.7726	0.5900
2	1.6L 1588 CC 97 CID SOHC 8V L4 VW CR, CY, JK VIN Codes: 'G' (1982), 'H' (1982-1983)			3.130"/79.5mm		x 3.150"/80.0mm		2
Connecting Rod Bearing Pair (4)	AL-5	CB-1426A	STD,	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
Connecting Rod Bearing Pair (4)	TM-77	CB-1426P	STD, .25mm, .50mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
Connecting Rod Bearing Set	AL-5	CB-1426A(4)	STD, .100mm, .25mm, .50mm, .75mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
Main Bearing Set 1-2-4-5	AL-5	MS-1157A	STD, 10, 20, 30, 40	2.1236/2.1244	0.0014/0.0040	0.0985	2.3228/2.3236	0.7280
3		MB-692A MB-693A(F)		2.1236/2.1244	0.0014/0.0040	0.0985	2.3228/2.3236	0.9815
NOTE: Undersize Sets Contain .10mm Oversize Length Flanged Bearing, Will Also Service Engines Equipped With Thrust Washers								
Thrust Washer Set		TW-704S	STD					
		MB692WL		2.3300			2.8800	0.0790
		MB692WU		2.3300			2.8800	0.0790



AUDI

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				4 CYL (cont.)					
3	1.8L 1780 CC SOHC 8V L4 VW JN, MG VIN Codes: 'A' (1984), 'B' (1985-1987)			3.190"/81.0mm x 3.400"/86.4mm					3
	2.0L 1983 CC SOHC 8V L4 VW 3A VIN Codes: 'A' (1990), 'B' (1988-1990)			3.310"/84.1mm x 3.540"/90.0mm					
Connecting Rod Bearing Pair (4)	AL-5	CB-1426A	STD,	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480	
Connecting Rod Bearing Pair (4)	TM-77	CB-1426P	STD,.25mm,.50mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480	
Connecting Rod Bearing Set	AL-5	CB-1426A(4)	STD,.100mm,.25mm,.50mm,.75mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480	
Thrust Washer Set		TW-704S	STD						
		MB692WL		2.3300			2.8800	0.0790	
		MB692WU		2.3300			2.8800	0.0790	
4	1.8L 1781 CC DOHC 20V L4 VW BEA (1999-2006)			3.190"/81.0mm x 3.400"/86.4mm					4
Connecting Rod Bearing Pair (4)	AL-5	CB-1426A	STD,	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480	
Connecting Rod Bearing Pair (4)	TM-77	CB-1426P	STD,.25mm,.50mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480	
Connecting Rod Bearing Set	AL-5	CB-1426A(4)	STD,.100mm,.25mm,.50mm,.75mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480	
5	1.8L 1781 CC DOHC 20V L4 VW AEB, AMB, AMU, ATC, ATW, AWM, AWP VIN Codes: 'B' (1997-2000), 'C' (2000), 'S' (2000), 'T' (2000-2002), 'X' (2001-2002)			3.190"/81.0mm x 3.400"/86.4mm					5
Connecting Rod Bearing Pair (4)	AL-5	CB-1426A	STD,	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480	
Connecting Rod Bearing Pair (4)	TM-77	CB-1426P	STD,.25mm,.50mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480	
Connecting Rod Bearing Set	AL-5	CB-1426A(4)	STD,.100mm,.25mm,.50mm,.75mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480	
Main Bearing Set	AL-3	MS-2227A	STD,.25mm,.50mm,.75mm						
1-2-3-5		MB-3792AL		2.1243/2.1251	0.0007/0.0030	0.0985	2.3228/2.3236	0.7283	
4		MB-3793AL		2.1243/2.1251	0.0008/0.0032	0.7283	2.3228/2.3236	0.7283	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-704S									



AUDI

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
5 CYL								
6	2.0L 1986 CC SOHC 10V L5 VW CN, DE VIN Codes: 'G' (1981), 'H' (1982-1985)			3.010"/76.5mm x 3.400"/86.4mm			6	
	2.2L 2144 CC SOHC 10V L5 VW KH, WU VIN Codes: 'A' (1984), 'B' (1984), 'C' (1984-1985)			3.130"/79.5mm x 3.400"/86.4mm				
	2.2L 2226 CC SOHC 10V L5 VW JT, MC VIN Codes: 'B' (1984-1987), 'C' (1989), 'D' (1986-1988, 1990-1991), 'E' (1986-1988)			3.190"/81.0mm x 3.400"/85.4mm				
	2.2L 2226 CC SOHC 10V L5 AUDI KZ VIN Code: 'B' (1985)			3.190"/81.0mm x 3.400"/85.4mm				
	2.2L 2226 CC SOHC 10V L5 VW KX VIN Codes: 'A' (1984), 'D' (1984-1987), 'E' (1987)			3.250"/82.5mm x 3.400"/86.4mm				
	2.2L 2226 CC DOHC 20V L5 AUDI AAN VIN Codes: 'A' (1995-1997), 'P' (1992-1993), 'R' (1992-1994)			3.190"/81.0mm x 3.400"/85.4mm				
	2.3L 2309 CC SOHC 10V L5 VW NF, NG VIN Codes: 'B' (1987-1989), 'C' (1988-1992), 'D' (1990-1992)			3.250"/82.5mm x 3.400"/86.4mm				
	2.3L 2309 CC DOHC 20V L5 VW 7A VIN Code: 'E' (1990-1992)			3.250"/82.5mm x 3.400"/86.4mm				
Connecting Rod Bearing Pair (5)	AL-5	CB-1426A	STD,	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
Connecting Rod Bearing Pair (5)	TM-77	CB-1426P	STD, .25mm, .50mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
Connecting Rod Bearing Set	AL-5	CB-1426A(5)	STD, .25mm, .50mm, 1.00mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
Main Bearing Set 1-2-3-4-5-6	AL-5	MS-1434A	STD, .25mm, .50mm	2.2818/2.2826	0.0012/0.0032	0.0985	2.4803/2.4810	0.7280
Main Bearing Set 1-2-3-4-5-6		MB2661AL		2.2818/2.2826	0.0012/0.0032	0.0985	2.4803/2.4810	0.7280
		MB2661AU						
For Years: 1979 - 1995								
NOTE: Will Also Service Engines With Thrust Washers, Requires Thrust Washer Set, Not Included, Use With Part Number TW-714S								
Thrust Washer Set		TW-714S	STD	2.5200		0.0780	3.0300	
For Years: 1979 - 1995								
7	2.1L 2144 CC SOHC 10V L5 VW WE VIN Code: 'B' (1981-1984)			3.130"/79.5mm x 3.400"/86.4mm			7	
	2.2L 2144 CC SOHC 10V L5 VW WX VIN Code: 'C' (1983-1986)			3.190"/81.0mm x 3.400"/85.4mm				
Connecting Rod Bearing Pair (5)	AL-5	CB-1017A	STD, .25mm, .50mm, .75mm	1.8087/1.8094	0.0016/0.0040	0.0593	1.9291/1.9298	0.7480
For Years: 1981 - 1983								
Connecting Rod Bearing Pair (5)	AL-5	CB-1426A	STD,	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
For Years: 1984 - 1986								
Connecting Rod Bearing Pair (5)	TM-77	CB-1017P	STD	1.8094	0.0016/0.0040	0.0593	1.9291/1.9298	0.7480
For Years: 1981 - 1983								
Connecting Rod Bearing Pair (5)	TM-77	CB-1426P	STD, .25mm, .50mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
For Years: 1984 - 1986								
Connecting Rod Bearing Set	AL-5	CB-1017A(5)	STD, .25mm, .50mm, .75mm	1.8087/1.8094	0.0016/0.0040	0.0593	1.9291/1.9298	0.7480
For Years: 1981 - 1983								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				5 CYL (cont.)				
7 (cont.)	2.1L 2144 CC SOHC 10V L5 VW WE VIN Code: 'B' (1981-1984)			3.130"/79.5mm x 3.400"/86.4mm				7 (cont.)
	2.2L 2144 CC SOHC 10V L5 VW WX VIN Code: 'C' (1983-1986)			3.190"/81.0mm x 3.400"/85.4mm				
Connecting Rod Bearing Set	AL-5	CB-1426A(5)	STD, .25mm, .50mm, 1.00mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
For Years: 1984 - 1986								
Main Bearing Set	AL-5	MS-1434A	STD, .25mm, .50mm					
1-2-3-4-5-6		MB2661AL		2.2818/2.2826	0.0012/0.0032	0.0985	2.4803/2.4810	0.7280
1-2-3-4-5-6		MB2661AU		2.2818/2.2826	0.0012/0.0032	0.0985	2.4803/2.4810	0.7280
NOTE: Will Also Service Engines With Thrust Washers, Requires Thrust Washer Set, Not Included, Use With Part Number TW-714S								
Thrust Washer Set		TW-714S	STD	2.5200		0.0780	3.0300	
8	2.2L 2144 CC SOHC 10V L5 VW WD, WE, WK VIN Codes: 'B' (1981-1983), 'C' (1980-1983)			3.130"/79.5mm x 3.400"/86.4mm				8
Connecting Rod Bearing Pair (5)	AL-5	CB-1017A	STD, .25mm, .50mm, .75mm	1.8087/1.8094	0.0016/0.0040	0.0593	1.9291/1.9298	0.7480
Connecting Rod Bearing Pair (5)	TM-77	CB-1017P	STD	1.8094	0.0016/0.0040	0.0593	1.9291/1.9298	0.7480
Connecting Rod Bearing Set	AL-5	CB-1017A(5)	STD, .25mm, .50mm, .75mm	1.8087/1.8094	0.0016/0.0040	0.0593	1.9291/1.9298	0.7480
Main Bearing Set	AL-5	MS-1434A	STD, .25mm, .50mm					
1-2-3-4-5-6		MB2661AL		2.2818/2.2826	0.0012/0.0032	0.0985	2.4803/2.4810	0.7280
1-2-3-4-5-6		MB2661AU		2.2818/2.2826	0.0012/0.0032	0.0985	2.4803/2.4810	0.7280
NOTE: Will Also Service Engines With Thrust Washers, Requires Thrust Washer Set, Not Included, Use With Part Number TW-714S								
Thrust Washer Set		TW-714S	STD	2.5200		0.0780	3.0300	
9	2.2L 2226 CC DOHC 20V L5 VW 3B VIN Code: 'E' (1991)			3.190"/81.0mm x 3.400"/85.4mm				9
Thrust Washer Set		TW-714S	STD	2.5200		0.0780	3.0300	
				6 CYL				
10	2.8L 2771 CC SOHC 12V V6 VW AFC VIN Codes: 'A' (1995-1998), 'C' (1995-1997), 'E' (1995), 'J' (1994), 'K' (1994-1995), 'L' (1995)			3.190"/81.0mm x 3.560"/90.3mm				10
	2.8L 2771 CC SOHC 12V V6 VW AAH VIN Codes: 'A' (1995), 'B' (1995), 'J' (1992-1994), 'K' (1992-1995), 'L' (1994)			3.270"/82.5mm x 3.390"/86.1mm				
	2.8L 2771 CC DOHC 30V V6 VW AHA (1998)			3.190"/81.0mm x 3.560"/90.3mm				
Connecting Rod Bearing Pair (6)	TM-1	CB-1823P	STD	2.1251	0.0027	0.0711	2.2682	0.6693
11	2.8L 2771 CC DOHC 30V V6 VW AHA VIN Codes: 'A' (1997-1999), 'D' (1998-1999)			3.190"/81.0mm x 3.560"/90.3mm				11
Connecting Rod Bearing Pair (6)	TM-1	CB-1823P	STD	2.1251	0.0027	0.0711	2.2682	0.6693
Thrust Washer Set		TW-613S	STD	2.7756		3.3425		0.0774
For Years: 1998 - 1999								



AUSTIN

ENGINE	YEAR	BORE & STROKE	BLOCK
0.8L 848 CC 52 CID OHV 8V L4 BRITISH LEYLAND 85H, 8AM, 8MB	1960-1967	2.480"/62.9mm x 2.690"/68.3mm	1
0.9L 948 CC 58 CID OHV 8V L4 BRITISH LEYLAND 9CG	1959-1962	2.480"/62.9mm x 3.000"/76.2mm	1
1.0L 997 CC 61 CID OHV 8V L4 BRITISH LEYLAND	1962-1969	2.460"/62.4mm x 3.200"/81.3mm	1
1.0L 998 CC 61 CID OHV 8V L4 BRITISH LEYLAND 99H, 9AG	1962-1969	2.540"/64.6mm x 3.000"/76.2mm	1
1.0L 970 CC 59 CID OHV 8V L4 BRITISH LEYLAND	1964-1969	2.780"/70.6mm x 2.440"/61.9mm	1
1.1L 1071 CC 65 CID OHV 8V L4 BRITISH LEYLAND	1963-1964	2.780"/70.6mm x 2.690"/68.3mm	1
1.3L 1275 CC 78 CID OHV 8V L4 BRITISH LEYLAND 12G, 12H	1964-1972	2.780"/70.6mm x 3.200"/81.3mm	1
1.8L 1798 CC 110 CID OHV 8V L4 MG	1973-1974	3.160"/80.3mm x 3.500"/89.0mm	2
1.8L 1798 CC OHV 8V L4 MG	1975	3.160"/80.3mm x 3.500"/88.9mm	2
1.8L 1798 CC 110 CID OHV 8V L4 BRITISH LEYLAND 18V	1973-1974	3.160"/80.3mm x 3.500"/88.9mm	2

MODEL	ENGINE	YEAR	BLOCK
A30	0.9L 948 CC 58 CID OHV 8V L4 BRITISH LEYLAND	1959-1962	1
A35	0.9L 948 CC 58 CID OHV 8V L4 BRITISH LEYLAND	1959	1
A40	0.9L 948 CC 58 CID OHV 8V L4 BRITISH LEYLAND	1959-1962	1
America	1.3L 1275 CC 78 CID OHV 8V L4 BRITISH LEYLAND	1968-1972	1
Marina	1.8L 1798 CC OHV 8V L4 MG	1975	2
Marina	1.8L 1798 CC 110 CID OHV 8V L4 MG	1973-1974	2
Mini	0.8L 848 CC 52 CID OHV 8V L4 BRITISH LEYLAND	1960-1966	1
Mini 850	0.8L 848 CC 52 CID OHV 8V L4 BRITISH LEYLAND	1960-1967	1
Mini Cooper	1.0L 970 CC 59 CID OHV 8V L4 BRITISH LEYLAND	1964-1969	1
Mini Cooper	1.0L 997 CC 61 CID OHV 8V L4 BRITISH LEYLAND	1962-1969	1
Mini Cooper	1.0L 998 CC 61 CID OHV 8V L4 BRITISH LEYLAND	1962-1969	1
Mini Cooper	1.1L 1071 CC 65 CID OHV 8V L4 BRITISH LEYLAND	1963-1964	1
Mini Cooper	1.3L 1275 CC 78 CID OHV 8V L4 BRITISH LEYLAND	1964-1969	1
Mini Moke	0.8L 848 CC 52 CID OHV 8V L4 BRITISH LEYLAND	1964-1966	1



AUSTIN

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
								4 CYL
1	0.8L 848 CC 52 CID OHV 8V L4 BRITISH LEYLAND 85H, 8AM, 8MB (1960-1967)				2.480"/62.9mm x 2.690"/68.3mm			1
	0.9L 948 CC 58 CID OHV 8V L4 BRITISH LEYLAND 9CG (1959-1962)				2.480"/62.9mm x 3.000"/76.2mm			
	1.0L 970 CC 59 CID OHV 8V L4 BRITISH LEYLAND (1964-1969)				2.780"/70.6mm x 2.440"/61.9mm			
	1.0L 997 CC 61 CID OHV 8V L4 BRITISH LEYLAND (1962-1969)				2.460"/62.4mm x 3.200"/81.3mm			
	1.0L 998 CC 61 CID OHV 8V L4 BRITISH LEYLAND 99H, 9AG (1962-1969)				2.540"/64.6mm x 3.000"/76.2mm			
	1.1L 1071 CC 65 CID OHV 8V L4 BRITISH LEYLAND (1963-1964)				2.780"/70.6mm x 2.690"/68.3mm			
	1.3L 1275 CC 78 CID OHV 8V L4 BRITISH LEYLAND 12G, 12H (1964-1972)				2.780"/70.6mm x 3.200"/81.3mm			
	Connecting Rod Bearing Pair (4)	VP-2	CB-488P	STD,10,20	1.6254/1.6259	0.0013/0.0033	0.0719	
2	1.8L 1798 CC OHV 8V L4 MG (1975)				3.160"/80.3mm x 3.500"/88.9mm			2
	1.8L 1798 CC 110 CID OHV 8V L4 MG (1973-1974)				3.160"/80.3mm x 3.500"/89.0mm			
	1.8L 1798 CC 110 CID OHV 8V L4 BRITISH LEYLAND 18V (1973-1974)				3.160"/80.3mm x 3.500"/88.9mm			
Connecting Rod Bearing Pair (4)	TM-77	CB-792P	STD,20,30	1.8764	0.0039	0.0716	2.0215	0.7850

BERTONE

ENGINE	YEAR	BORE & STROKE	BLOCK
1.5L 1498 CC SOHC 8V L4 FIAT	1984-1989	3.400"/86.4mm x 2.520"/63.9mm	1

MODEL	ENGINE	YEAR	BLOCK
X-1/9	1.5L 1498 CC SOHC 8V L4 FIAT	1984-1989	1



BERTONE

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1.5L 1498 CC SOHC 8V L4 FIAT VIN Code: 'A' (1984-1989)			3.400"/86.4mm x 2.520"/63.9mm			1	
Connecting Rod Bearing Pair (4)	AL-5	CB-1332A	STD,10	1.7916/1.7924	0.0012/0.0033	0.0607	1.9145/1.9152	0.7560

BMW

ENGINE	YEAR	BORE & STROKE	BLOCK
1.6L 1573 CC 96 CID SOHC 8V L4 116	1966-1968	3.310"/84.0mm x 2.800"/71.0mm	1
1.8L 1773 CC 108 CID SOHC 8V L4 118, M10B18	1964-1965	3.310"/84.0mm x 3.150"/80.0mm	1
1.8L 1766 CC 107 CID SOHC 8V L4 M10	1980-1984	3.500"/89.0mm x 2.800"/71.0mm	1
2.0L 1990 CC 121 CID SOHC 8V L4 M10, M10B20, M15	1966-1979	3.500"/89.0mm x 3.150"/80.0mm	1
2.5L 2495 CC 152 CID SOHC 12V L6 M30B25	1969-1971	3.390"/86.0mm x 2.820"/71.6mm	2
2.8L 2788 CC SOHC 12V L6 M30	1979-1981	3.390"/86.0mm x 3.150"/80.0mm	2
2.8L 2788 CC 170 CID SOHC 12V L6 M30B28	1969-1974	3.390"/86.0mm x 3.150"/80.0mm	2
3.0L 2985 CC SOHC 12V L6 M30	1975-1978	3.500"/89.0mm x 3.150"/80.0mm	2
3.2L 3210 CC SOHC 12V L6 M30	1978-1984	3.500"/88.9mm x 3.390"/86.0mm	2
3.5L 3430 CC SOHC 12V L6 M30	1985-1993	3.620"/92.0mm x 3.390"/86.0mm	2

MODEL	ENGINE	YEAR	BLOCK
1600-2	1.6L 1573 CC 96 CID SOHC 8V L4	1966-1967	1
1600ti	1.6L 1573 CC 96 CID SOHC 8V L4	1968	1
1800ti	1.8L 1773 CC 108 CID SOHC 8V L4	1964-1965	1
2.8 Bavaria	2.8L 2788 CC 170 CID SOHC 12V L6	1971	2
2000c	2.0L 1990 CC 121 CID SOHC 8V L4	1966-1970	1
2000cs	2.0L 1990 CC 121 CID SOHC 8V L4	1966-1970	1
2000ti	2.0L 1990 CC 121 CID SOHC 8V L4	1966-1971	1
2000tii	2.0L 1990 CC 121 CID SOHC 8V L4	1969-1972	1
2002	2.0L 1990 CC 121 CID SOHC 8V L4	1966-1976	1
2002ti	2.0L 1990 CC 121 CID SOHC 8V L4	1968-1971	1
2002tii	2.0L 1990 CC 121 CID SOHC 8V L4	1971-1974	1
2500	2.5L 2495 CC 152 CID SOHC 12V L6	1969-1971	2
2800	2.8L 2788 CC 170 CID SOHC 12V L6	1969-1974	2
2800CS	2.8L 2788 CC 170 CID SOHC 12V L6	1969-1971	2
3.0Si	3.0L 2985 CC SOHC 12V L6	1975-1976	2
318i	1.8L 1766 CC 107 CID SOHC 8V L4	1984	1
320i	1.8L 1766 CC 107 CID SOHC 8V L4	1980-1983	1
320i	2.0L 1990 CC 121 CID SOHC 8V L4	1977-1979	1
528i	2.8L 2788 CC SOHC 12V L6	1979-1981	2
530i	3.0L 2985 CC SOHC 12V L6	1975-1978	2



BMW

MODEL	ENGINE	YEAR	BLOCK
533i	3.2L 3210 CC SOHC 12V L6	1983-1984	2
535i	3.5L 3430 CC SOHC 12V L6	1985-1993	2
535is	3.5L 3430 CC SOHC 12V L6	1988	2
630CSi	3.0L 2985 CC SOHC 12V L6	1977-1978	2
633CSi	3.2L 3210 CC SOHC 12V L6	1978-1984	2
635CSi	3.5L 3430 CC SOHC 12V L6	1985-1989	2
733i	3.2L 3210 CC SOHC 12V L6	1978-1984	2
735i	3.5L 3430 CC SOHC 12V L6	1985-1992	2
735iL	3.5L 3430 CC SOHC 12V L6	1988-1992	2
L6	3.5L 3430 CC SOHC 12V L6	1987	2
L7	3.5L 3430 CC SOHC 12V L6	1986-1987	2

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
								4 CYL
1	1.6L 1573 CC 96 CID SOHC 8V L4 BMW 116 (1966-1968)			3.310"/84.0mm x 2.800"/71.0mm				1
	1.8L 1766 CC 107 CID SOHC 8V L4 BMW M10 (1980-1984)			3.500"/89.0mm x 2.800"/71.0mm				
	1.8L 1773 CC 108 CID SOHC 8V L4 BMW 118, M10B18 (1964-1965)			3.310"/84.0mm x 3.150"/80.0mm				
	2.0L 1990 CC 121 CID SOHC 8V L4 BMW M10, M10B20, M15 (1966-1979)			3.500"/89.0mm x 3.150"/80.0mm				
Connecting Rod Bearing Pair (4)	TM-77	CB-809P	STD	1.8894	0.0033	0.0785	2.0476	0.7870
								6 CYL
2	2.5L 2495 CC 152 CID SOHC 12V L6 BMW M30B25 (1969-1971)			3.390"/86.0mm x 2.820"/71.6mm				2
	2.8L 2788 CC SOHC 12V L6 BMW M30 (1979-1981)			3.390"/86.0mm x 3.150"/80.0mm				
	2.8L 2788 CC 170 CID SOHC 12V L6 BMW M30B28 (1969-1974)			3.390"/86.0mm x 3.150"/80.0mm				
	3.0L 2985 CC SOHC 12V L6 BMW M30 (1975-1978)			3.500"/89.0mm x 3.150"/80.0mm				
	3.2L 3210 CC SOHC 12V L6 BMW M30 (1978-1984)			3.500"/88.9mm x 3.390"/86.0mm				
	3.5L 3430 CC SOHC 12V L6 BMW M30 (1985-1993)			3.620"/92.0mm x 3.390"/86.0mm				
Connecting Rod Bearing Pair (6)	TM-77	CB-809P	STD	1.8894	0.0033	0.0785	2.0476	0.7870

CHECKER

ENGINE	YEAR	BORE & STROKE	BLOCK
3.8L 229 CID OHV 12V V6 GMC; Buick	1980-1982	3.740"/94.9mm x 3.480"/88.4mm	1
3.8L 3769 CC 230 CID OHV 12V L6 GMC HF, OK	1965-1968	3.880"/98.4mm x 3.250"/82.6mm	2
4.1L 4097 CC 250 CID OHV 12V L6 GMC	1969-1974	3.880"/98.4mm x 3.530"/89.7mm	2
4.1L 4098 CC 250 CID OHV 12V L6 GMC; Chevrolet	1969-1974	3.880"/98.4mm x 3.530"/89.7mm	3
4.1L 250 CID OHV 12V L6 GMC; Chevrolet	1975	3.880"/98.4mm x 3.530"/89.7mm	2
4.4L 267 CID OHV 16V V8 GMC; Chevrolet	1980-1982	3.500"/88.9mm x 3.480"/88.4mm	4
4.6L 4638 CC 283 CID OHV 16V V8 GMC GA	1965-1967	3.880"/98.4mm x 3.000"/76.2mm	5
5.0L 305 CID OHV 16V V8 GMC; Chevrolet	1977-1981	3.740"/94.9mm x 3.480"/88.4mm	4
5.0L 5031 CC 307 CID OHV 16V V8 GMC DA, DB, DE, DN	1968	3.880"/98.4mm x 3.250"/82.6mm	6
5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER A318, MD2, R31, S31, T31, V31	1959-1965	3.910"/99.2mm x 3.310"/84.1mm	7
5.3L 5358 CC 327 CID OHV 16V V8 GMC EA	1965-1966	4.000"/101.6mm x 3.250"/82.5mm	8
5.3L 5358 CC 327 CID OHV 16V V8 GMC FJ	1969	4.000"/101.6mm x 3.250"/82.5mm	9
5.3L 5358 CC 327 CID OHV 16V V8 GMC MA	1967-1968	4.000"/101.6mm x 3.250"/82.5mm	10
5.7L 5736 CC 350 CID OHV 16V V8 GMC	1969-1971	4.000"/101.6mm x 3.480"/88.4mm	9
5.7L 5736 CC 350 CID OHV 16V V8 GMC	1972-1974	4.000"/101.6mm x 3.480"/88.4mm	6
5.7L 350 CID OHV 16V V8 GMC; Chevrolet	1975-1979	4.000"/101.6mm x 3.480"/88.4mm	4

MODEL	ENGINE	YEAR	BLOCK
A11	4.1L 4097 CC 250 CID OHV 12V L6 GMC	1970-1974	2
A11E	4.1L 4097 CC 250 CID OHV 12V L6 GMC	1970-1974	2
Aerobus	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1959-1965	7
Aerobus	5.3L 5358 CC 327 CID OHV 16V V8 GMC	1966	8
Aerobus	5.3L 5358 CC 327 CID OHV 16V V8 GMC	1967-1968	10
Aerobus	5.7L 5736 CC 350 CID OHV 16V V8 GMC	1969-1971	9
Aerobus	5.7L 5736 CC 350 CID OHV 16V V8 GMC	1972-1974	6
Deluxe	4.1L 4097 CC 250 CID OHV 12V L6 GMC	1969-1970	2
Deluxe	4.1L 4098 CC 250 CID OHV 12V L6 GMC; Chevrolet	1969	3
Deluxe	5.3L 5358 CC 327 CID OHV 16V V8 GMC	1969	9
Deluxe	5.7L 5736 CC 350 CID OHV 16V V8 GMC	1969-1970	9
Marathon	3.8L 229 CID OHV 12V V6 GMC; Buick	1980-1982	1
Marathon	3.8L 3769 CC 230 CID OHV 12V L6 GMC	1965-1968	2
Marathon	4.1L 250 CID OHV 12V L6 GMC; Chevrolet	1975	2
Marathon	4.1L 4097 CC 250 CID OHV 12V L6 GMC	1969-1974	2
Marathon	4.1L 4098 CC 250 CID OHV 12V L6 GMC; Chevrolet	1969-1974	3
Marathon	4.4L 267 CID OHV 16V V8 GMC; Chevrolet	1980-1982	4
Marathon	4.6L 4638 CC 283 CID OHV 16V V8 GMC	1965-1967	5
Marathon	5.0L 305 CID OHV 16V V8 GMC; Chevrolet	1977-1981	4
Marathon	5.0L 5031 CC 307 CID OHV 16V V8 GMC	1968	6
Marathon	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1961	7
Marathon	5.3L 5358 CC 327 CID OHV 16V V8 GMC	1965-1966	8
Marathon	5.3L 5358 CC 327 CID OHV 16V V8 GMC	1967-1968	10
Marathon	5.3L 5358 CC 327 CID OHV 16V V8 GMC	1969	9
Marathon	5.7L 350 CID OHV 16V V8 GMC; Chevrolet	1975-1979	4
Marathon	5.7L 5736 CC 350 CID OHV 16V V8 GMC	1969-1971	9
Marathon	5.7L 5736 CC 350 CID OHV 16V V8 GMC	1972-1974	6
Taxicab	4.1L 4097 CC 250 CID OHV 12V L6 GMC	1969-1974	2
Taxicab	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1959-1961	7



CHECKER

MODEL	ENGINE	YEAR	BLOCK
Taxicab	5.3L 5358 CC 327 CID OHV 16V V8 GMC	1969	9
Taxicab	5.7L 5736 CC 350 CID OHV 16V V8 GMC	1969-1971	9
Taxicab	5.7L 5736 CC 350 CID OHV 16V V8 GMC	1972-1974	6

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				6 CYL					
1	3.8L 229 CID OHV 12V V6 GMC; Buick (1980-1982)			3.740"/94.9mm x 3.480"/88.4mm					1
Connecting Rod Bearing Pair (6)	TM-77	CB-1227P	STD,10,20,40	2.0990/2.1000	0.0003/0.0033	0.0622	2.2247/2.2257	0.7130	
Connecting Rod Bearing Set	TM-77	CB-1227P(6)	STD,10,20,40	2.0990/2.1000	0.0003/0.0033	0.0622	2.2247/2.2257	0.7130	
Main Bearing Set 1-2-3	AL-5	MS-1454A	STD,10,20,30,40	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070	
4		MB-2508A MB-2509A(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180	
Main Bearing Set 1-2-3	TM-77	MS-1454P	STD,1,10,20,30,40	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070	
4		MB-2508P MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180	
2	3.8L 3769 CC 230 CID OHV 12V L6 GMC HF, OK (1965-1968)			3.880"/98.4mm x 3.250"/82.6mm					2
	4.1L 250 CID OHV 12V L6 GMC; Chevrolet (1975)			3.880"/98.4mm x 3.530"/89.7mm					
	4.1L 4097 CC 250 CID OHV 12V L6 GMC VIN Code: 'D' (1972-1974)			3.880"/98.4mm x 3.530"/89.7mm					
Connecting Rod Bearing Pair (6)	AL-5	CB-745A	STD,10,20,30	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420	
Connecting Rod Bearing Pair (6)	TM-77	CB-745P	STD,1,2,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420	
Connecting Rod Bearing Set	AL-5	CB-745A(6)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420	
Connecting Rod Bearing Set	TM-77	CB-745P(6)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420	
Main Bearing Set 1-2-3-4-5-6	AL-5	MS-617A	STD,10,20,30	2.2983/2.2993	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070	
7		MB-3135A MB-2588A(F)		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090	
Main Bearing Set 1-2-3-4-5-6	TM-77	MS-617P	STD,10,20,30,40	2.2980/2.2990	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070	
7		MB-3135P MB-2588P(F)		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090	
3	4.1L 4098 CC 250 CID OHV 12V L6 GMC; Chevrolet (1969-1974)			3.880"/98.4mm x 3.530"/89.7mm					3
Connecting Rod Bearing Pair (6)	AL-5	CB-745A	STD,10,20,30	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420	
Connecting Rod Bearing Pair (6)	TM-77	CB-745P	STD,1,2,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420	
Connecting Rod Bearing Set	AL-5	CB-745A(6)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420	
Connecting Rod Bearing Set	TM-77	CB-745P(6)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420	



CHECKER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
3 (cont.)	4.1L 4098 CC 250 CID OHV 12V L6 GMC; Chevrolet (1969-1974)			3.880"/98.4mm x 3.530"/89.7mm				3 (cont.)
Main Bearing Set 1-2-3-4-5-6 7	AL-5	MS-617A MB-3135A MB-2588A(F)	STD,10,20,30	2.2983/2.2993 2.2983/2.2993	0.0003/0.0033 0.0006/0.0036	0.0955 0.0955	2.4906/2.4916 2.4906/2.4916	0.8070 1.0090
Main Bearing Set 1-2-3-4-5-6 7	TM-77	MS-617P MB-3135P MB-2588P(F)	STD,10,20,30,40	2.2980/2.2990 2.2983/2.2993	0.0003/0.0033 0.0006/0.0036	0.0955 0.0955	2.4906/2.4916 2.4906/2.4916	0.8070 1.0090
Camshaft Bearing Set 1-2-3-4 For Year: 1971	B-1	SH-718S SH-400	STD	1.8680/1.8690	0.0010/0.0050	0.0647	1.9990/2.0010	0.8700
8 CYL								
4	4.4L 267 CID OHV 16V V8 GMC; Chevrolet (1980-1982)			3.500"/88.9mm x 3.480"/88.4mm				4
	5.0L 305 CID OHV 16V V8 GMC; Chevrolet (1977-1981)			3.740"/94.9mm x 3.480"/88.4mm				
	5.7L 350 CID OHV 16V V8 GMC; Chevrolet (1975-1979)			4.000"/101.6mm x 3.480"/88.4mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	TM-77	CB-1776P-40						
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set 1-2-3-4 5	AL-5	MS-909A MB-2508A MB-2509A(F)	STD,1,10,20,30,40	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955 0.0955	2.6406/2.6416 2.6406/2.6416	0.8070 1.7180
Main Bearing Set 1-2-3-4 5	TM-77	MS-909P MB-2508P MB-2509P(F)	STD,1,2,10,20,30,40,C60	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955 0.0955	2.6406/2.6416 2.6406/2.6416	0.8070 1.7180
Main Bearing Set 1-2-3-4 5 NOTE: Contains .010in Oversized Length Flanged Bearing	TM-77	MS-1744P-10 MB-2508P MB-3119P(F)	20	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955 0.0955	2.6406/2.6416 2.6406/2.6416	0.8070 1.7280



CHECKER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
4 (cont.)	4.4L 267 CID OHV 16V V8 GMC; Chevrolet (1980-1982)			3.500"/88.9mm x 3.480"/88.4mm				4 (cont.)
	5.0L 305 CID OHV 16V V8 GMC; Chevrolet (1977-1981)			3.740"/94.9mm x 3.480"/88.4mm				
	5.7L 350 CID OHV 16V V8 GMC; Chevrolet (1975-1979)			4.000"/101.6mm x 3.480"/88.4mm				
Camshaft Bearing Set	B-1	SH-290S	STD,10					
1		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
2-5		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
3-4		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
Camshaft Bearing Set	B-2	SH-1349S	STD					
1		SH-1349		1.8682/1.8692	0.0010/0.0048	0.0744	2.0190/2.0210	0.7450
2-5		SH-1350		1.8682/1.8692	0.0010/0.0048	0.0694	2.0090/2.0110	0.7450
3-4		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
NOTE: Heavy Duty Engine								
Camshaft Bearing Set	B-2	SH-1796S	STD					
1-2-3-4-5		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
NOTE: Oversize Align Bored Blocks With Housing Bore Diameter 1.9990/2.0010								
5	4.6L 4638 CC 283 CID OHV 16V V8 GMC GA (1965-1967)			3.880"/98.4mm x 3.000"/76.2mm				5
	Connecting Rod Bearing Pair (8)	AL-5	CB-745A	STD,10,20,30	1.9990/2.0000	0.0010/0.0035	0.0621	
Connecting Rod Bearing Pair (8)	TM-77	CB-745P	STD,1,2,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-745A(8)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	TM-77	CB-745P(8)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Main Bearing Set	TM-77	MS-429P	STD,1,10,20,30					
1-2-3-4		MB-3135P		2.2980/2.2990	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
5		MB-1769P(F)		2.2978/2.2988	0.0011/0.0041	0.0955	2.4906/2.4916	1.7180
Camshaft Bearing Set	B-1	SH-287S	STD					
1		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
2		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
3-4		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
6	5.0L 5031 CC 307 CID OHV 16V V8 GMC DA, DB, DE, DN (1968)			3.880"/98.4mm x 3.250"/82.6mm				6
	5.7L 5736 CC 350 CID OHV 16V V8 GMC VIN Code: 'L' (1972-1974)			4.000"/101.6mm x 3.480"/88.4mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420



CHECKER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
6 (cont.)	5.0L 5031 CC 307 CID OHV 16V V8 GMC DA, DB, DE, DN (1968)			3.880"/98.4mm x 3.250"/82.6mm				6 (cont.)
	5.7L 5736 CC 350 CID OHV 16V V8 GMC VIN Code: 'L' (1972-1974)			4.000"/101.6mm x 3.480"/88.4mm				
Connecting Rod Bearing Pair (8) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set 1-2-3-4	AL-5	MS-909A	STD,1,10,20,30,40	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2508A MB-2509A(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
Main Bearing Set 1-2-3-4	TM-77	MS-909P	STD,1,2,10,20,30,40,C60	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2508P MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
Main Bearing Set 1-2-3-4	TM-77	MS-1744P-10	20	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2508P MB-3119P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7280
NOTE: Contains .010in Oversized Length Flanged Bearing								
7	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER A318, MD2, R31, S31, T31, V31 (1959-1965)			3.910"/99.2mm x 3.310"/84.1mm				7
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
8	5.3L 5358 CC 327 CID OHV 16V V8 GMC EA (1965-1966)			4.000"/101.6mm x 3.250"/82.5mm				8
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



CHECKER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
8 (cont.)	5.3L 5358 CC 327 CID OHV 16V V8 GMC EA (1965-1966)			4.000"/101.6mm x 3.250"/82.5mm				8 (cont.)
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set 1-2-3-4	TM-77	MS-429P	STD,1,10,20,30	2.2980/2.2990	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
5		MB-3135P MB-1769P(F)		2.2978/2.2988	0.0011/0.0041	0.0955	2.4906/2.4916	1.7180
Camshaft Bearing Set 1	B-1	SH-287S	STD					
2		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
3-4		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
		SH-287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
For Year: 1966								
9	5.3L 5358 CC 327 CID OHV 16V V8 GMC FJ (1969)			4.000"/101.6mm x 3.250"/82.5mm				9
	5.7L 5736 CC 350 CID OHV 16V V8 GMC (1969-1971)			4.000"/101.6mm x 3.480"/88.4mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set 1-2-3-4	AL-5	MS-909A	STD,1,10,20,30,40	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2508A MB-2509A(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180



CHECKER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
9 (cont.)	5.3L 5358 CC 327 CID OHV 16V V8 GMC FJ (1969)			4.000"/101.6mm x 3.250"/82.5mm				9 (cont.)
	5.7L 5736 CC 350 CID OHV 16V V8 GMC (1969-1971)			4.000"/101.6mm x 3.480"/88.4mm				
Main Bearing Set	TM-77	MS-909P	STD,1,2,10,20,30,40,C60					
1-2-3-4		MB-2508P		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
Camshaft Bearing Set	B-1	SH-287S	STD					
1		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
2		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
3-4		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
For Year: 1969								
10	5.3L 5358 CC 327 CID OHV 16V V8 GMC MA (1967-1968)			4.000"/101.6mm x 3.250"/82.5mm				10
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set	AL-5	MS-909A	STD,1,10,20,30,40					
1-2-3-4		MB-2508A		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2509A(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
For Year: 1968								
NOTE: 1968 only								
Main Bearing Set	TM-77	MS-429P	STD,1,10,20,30					
1-2-3-4		MB-3135P		2.2980/2.2990	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
5		MB-1769P(F)		2.2978/2.2988	0.0011/0.0041	0.0955	2.4906/2.4916	1.7180
For Year: 1967								
NOTE: 1967 only								
Main Bearing Set	TM-77	MS-909P	STD,1,2,10,20,30,40,C60					
1-2-3-4		MB-2508P		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
For Year: 1968								
NOTE: 1968 only								



CHECKER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
10 (cont.)	5.3L 5358 CC 327 CID OHV 16V V8 GMC MA (1967-1968)			4.000"/101.6mm x 3.250"/82.5mm				10 (cont.)
Camshaft Bearing Set	B-1	SH-287S	STD					
1		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
2		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
3-4		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500

CHRYSLER

ENGINE	YEAR	BORE & STROKE	BLOCK
1.4L 1410 CC SOHC 8V L4 MITSUBISHI	1979-1984	2.910"/74.0mm x 3.230"/82.0mm	1
1.5L 1468 CC 90 CID SOHC 8V L4 MITSUBISHI	1985-1988	2.970"/75.5mm x 3.230"/82.0mm	1
1.5L 1468 CC 90 CID SOHC 8V L4 MITSUBISHI	1989-1990	2.970"/75.5mm x 3.230"/82.0mm	2
1.5L 1468 CC 90 CID SOHC 12V L4 MITSUBISHI 4G15	1991-1996	2.970"/75.5mm x 3.230"/82.0mm	3
1.6L 1597 CC 98 CID SOHC 8V L4 MITSUBISHI	1976-1986	3.030"/76.9mm x 3.390"/86.0mm	5
1.6L 1597 CC 98 CID SOHC 8V L4 MITSUBISHI	1987-1988	3.030"/76.9mm x 3.390"/86.0mm	4
1.6L 1597 CC 98 CID DOHC 16V L4 MITSUBISHI	1989-1990	3.030"/76.9mm x 3.390"/86.0mm	4
1.6L 1597 CC 98 CID DOHC 16V L4 MITSUBISHI	1989-1990	3.240"/82.3mm x 2.950"/75.0mm	6
1.7L 105 CID SOHC 8V L4 VW	1978-1982	3.130"/79.5mm x 3.400"/86.4mm	7
1.8L 1754 CC 107 CID SOHC 8V L4 MITSUBISHI	1989-1990	3.170"/80.5mm x 3.390"/86.1mm	8
1.8L 1755 CC 107 CID SOHC 8V L4 MITSUBISHI	1990-1994	3.170"/80.6mm x 3.390"/86.0mm	8
1.8L 1834 CC 112 CID SOHC 16V L4 MITSUBISHI	1992-1996	3.190"/81.0mm x 3.500"/88.8mm	9
2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI	1979-1980	3.300"/84.0mm x 3.540"/90.0mm	10
2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI	1981-1982	3.300"/84.0mm x 3.540"/90.0mm	11
2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI	1976-1978	3.310"/84.1mm x 3.540"/89.9mm	12
2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI	1984-1988	3.350"/85.0mm x 3.460"/88.0mm	4
2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI	1989-1991	3.350"/85.0mm x 3.460"/88.0mm	13
2.0L 1997 CC 122 CID DOHC 16V L4 MITSUBISHI	1990-1992	3.340"/85.0mm x 3.460"/88.0mm	15
2.0L 1997 CC 122 CID DOHC 16V L4 MITSUBISHI	1993-1994	3.340"/85.0mm x 3.460"/88.0mm	16
2.0L 1997 CC 122 CID DOHC 16V L4 MITSUBISHI EBG	1993-1998	3.340"/85.0mm x 3.460"/88.0mm	14
2.0L 1997 CC 122 CID DOHC 16V L4 ECF	1995-1998	3.440"/87.5mm x 3.270"/83.0mm	17
2.0L 1996 CC 122 CID DOHC 16V L4 ECC	1995-1999	3.450"/87.5mm x 3.270"/83.0mm	17
2.0L 1996 CC 122 CID SOHC 16V L4 ECB	1995-2002	3.450"/87.5mm x 3.270"/83.0mm	17
2.2L 135 CID SOHC 8V L4	1983-1994	3.440"/87.4mm x 3.620"/92.0mm	18
2.2L 2212 CC 135 CID SOHC 8V L4	1987-1988	3.440"/87.4mm x 3.620"/92.0mm	18
2.2L 135 CID SOHC 8V L4	1981-1989	3.440"/87.5mm x 3.620"/92.0mm	18
2.2L 135 CID SOHC 8V L4; HO	1984-1986	3.440"/87.5mm x 3.620"/92.0mm	18
2.2L 135 CID DOHC 16V L4	1989-1990	3.440"/87.5mm x 3.620"/92.0mm	18
2.4L 2351 CC SOHC 8V L4 MITSUBISHI	1992	3.410"/86.5mm x 3.940"/100.0mm	15
2.4L 2351 CC SOHC 8V L4 MITSUBISHI	1993-1994	3.410"/86.5mm x 3.940"/100.0mm	14
2.4L 2351 CC SOHC 16V L4 MITSUBISHI	1992	3.410"/86.5mm x 3.940"/100.0mm	19
2.4L 2351 CC SOHC 16V L4 MITSUBISHI	1993-1996	3.410"/86.5mm x 3.940"/100.0mm	14



CHRYSLER

ENGINE	YEAR	BORE & STROKE	BLOCK
2.4L 2351 CC SOHC 16V L4 MITSUBISHI	2001-2005	3.410"/86.5mm x 3.940"/100.0mm	20
2.4L 2429 CC 148 CID DOHC 16V L4	1996-2009	3.440"/87.4mm x 3.980"/101.0mm	25
2.4L 2429 CC 148 CID DOHC 16V L4 EDZ	1995-2010	3.440"/87.5mm x 3.980"/101.0mm	25
2.4L 2429 CC 148 CID DOHC 16V L4 EDZ	1999-2009	3.440"/87.5mm x 3.980"/101.0mm	26
2.4L 2360 CC 144 CID DOHC 16V L4 ED3; GEMA	2007-2014	3.460"/88.0mm x 3.820"/97.0mm	21
2.4L 2360 CC 144 CID DOHC 16V L4 ED3; GEMA	2008-2009	3.460"/88.0mm x 3.820"/97.0mm	24
2.4L 2360 CC 144 CID DOHC 16V L4 ED3	2009	3.460"/88.0mm x 3.820"/97.0mm	24
2.4L 2360 CC 144 CID DOHC 16V L4 ED3, EDG; GEMA	2013	3.460"/88.0mm x 3.820"/97.0mm	22
2.4L 2360 CC 144 CID DOHC 16V L4 FIAT ED3	2014	3.460"/88.0mm x 3.820"/97.0mm	23
2.4L 2360 CC 144 CID DOHC 16V L4 EDG; PZEV	2008-2014	3.460"/88.0mm x 3.820"/97.0mm	21
2.5L 2507 CC 153 CID SOHC 8V L4	1986-1995	3.440"/87.4mm x 4.090"/103.9mm	28
2.5L 150 CID OHV 8V L4 AMC	1988-1989	3.880"/98.5mm x 3.190"/81.0mm	27
2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1978-1982	3.590"/91.1mm x 3.860"/98.0mm	29
2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1979-1989	3.590"/91.1mm x 3.860"/98.0mm	12
2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1981	3.590"/91.1mm x 3.860"/98.0mm	30
2.5L 2497 CC 152 CID SOHC 24V V6 MITSUBISHI	1995	3.290"/83.5mm x 2.990"/76.0mm	32
2.5L 2497 CC 152 CID SOHC 24V V6 MITSUBISHI	1996-2000	3.290"/83.5mm x 2.990"/76.0mm	31
2.5L 2497 CC 152 CID SOHC 24V V6	1999-2000	3.290"/83.5mm x 2.990"/76.0mm	31
2.5L 2497 CC 152 CID SOHC 24V V6 MITSUBISHI EEB	1995-2000	3.290"/83.5mm x 2.990"/76.0mm	33
2.7L 2700 CC 167 CID DOHC 24V V6 EER; Magnum	2010	3.380"/86.0mm x 3.090"/78.5mm	34
2.7L 2700 CC 167 CID DOHC 24V V6 EER	1998-2008	3.390"/86.0mm x 3.090"/78.5mm	34
2.8L 2786 CC 170 CID OHV 12V L6 A170, P17, R17, V17	1960-1971	3.410"/86.5mm x 3.130"/79.5mm	35
2.8L 2786 CC 170 CID OHV 12V L6 R17, S17, T17	1961-1963	3.410"/86.5mm x 3.130"/79.5mm	36
3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI	1987-2000	3.590"/91.1mm x 2.990"/76.0mm	38
3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI EFA	1988-2000	3.590"/91.1mm x 2.990"/76.0mm	37
3.0L 2972 CC 181 CID SOHC 24V V6 MITSUBISHI	2001-2005	3.590"/91.1mm x 2.990"/76.0mm	38
3.2L 3254 CC 198 CID OHV 12V L6	1970-1974	3.410"/86.5mm x 3.640"/92.5mm	35
3.2L 3231 CC 197 CID SOHC 24V V6 EGW	1998-2001	3.620"/92.0mm x 3.190"/81.0mm	39
3.3L 3301 CC 201 CID OHV 12V V6 EGM, EGV	1990-2010	3.660"/93.0mm x 3.190"/81.0mm	40
3.5L 3497 CC 215 CID SOHC 24V V6	1993-1997	3.780"/96.0mm x 3.190"/81.0mm	46
3.5L 3518 CC 215 CID SOHC 24V V6	1998-2007	3.780"/96.0mm x 3.190"/81.0mm	45
3.5L 3497 CC 215 CID SOHC 24V V6	1999	3.780"/96.0mm x 3.190"/81.0mm	43
3.5L 3497 CC 215 CID SOHC 24V V6	1999-2010	3.780"/96.0mm x 3.190"/81.0mm	42
3.5L 3497 CC 215 CID SOHC 24V V6	2002-2006	3.780"/96.0mm x 3.190"/81.0mm	41
3.5L 3497 CC 215 CID SOHC 24V V6	2002-2008	3.780"/96.0mm x 3.190"/81.0mm	44
3.6L 3570 CC 218 CID L-HEAD 12V L6	1942-1954	3.250"/82.5mm x 4.380"/111.1mm	47
3.6L 218 CID L-HEAD 12V L6	1949-1950	3.250"/82.5mm x 4.380"/111.1mm	47
3.6L 3605 CC 220 CID DOHC 24V V6 FIAT ERB	2011-2012	3.780"/96.0mm x 3.270"/83.0mm	48
3.6L 3604 CC 220 CID DOHC 24V V6 ERB; Pentastar	2011-2016	3.780"/96.0mm x 3.270"/83.0mm	49
3.6L 3604 CC 220 CID DOHC 24V V6 ERB; Pentastar	2015-2016	3.780"/96.0mm x 3.270"/83.0mm	48
3.6L 3604 CC 220 CID DOHC 24V V6 ERB; Pentastar	2015-2016	3.780"/96.0mm x 3.270"/83.0mm	50
3.7L 3687 CC 225 CID OHV 12V L6	1975-1978	3.400"/86.4mm x 4.130"/104.6mm	54
3.7L 3687 CC 225 CID OHV 12V L6	1975-1980	3.400"/86.4mm x 4.120"/104.6mm	52
3.7L 3687 CC 225 CID OHV 12V L6	1977	3.400"/86.4mm x 4.130"/104.6mm	55
3.7L 3687 CC 225 CID OHV 12V L6	1977-1980	3.400"/86.4mm x 4.130"/104.6mm	51
3.7L 3687 CC 225 CID OHV 12V L6	1979-1983	3.400"/86.4mm x 4.130"/104.6mm	53
3.7L 3687 CC 225 CID OHV 12V L6 A225, P22, R22, S22, T22	1960-1974	3.410"/86.5mm x 4.130"/104.6mm	35
3.7L 3687 CC 225 CID OHV 12V L6 R22, V22	1961-1964	3.410"/86.5mm x 4.130"/104.6mm	36
3.8L 3770 CC 230 CID L-HEAD 12V L6	1949-1959	3.250"/82.5mm x 4.630"/117.5mm	47
3.8L 230 CID OHV 12V V6	1991-2008	3.780"/96.0mm x 3.420"/86.8mm	40



CHRYSLER

ENGINE	YEAR	BORE & STROKE	BLOCK
3.8L 3779 CC 231 CID OHV 12V V6	2006	3.780"/96.0mm x 3.430"/87.0mm	57
3.8L 230 CID OHV 12V V6	2008	3.780"/96.0mm x 3.420"/86.8mm	56
3.8L 3778 CC 231 CID OHV 12V V6	2009-2010	3.780"/96.0mm x 3.430"/87.0mm	40
3.8L 3800 CC 231 CID OHV 12V V6 EGH	2010	3.780"/96.0mm x 3.430"/87.0mm	57
4.0L 3952 CC 241 CID SOHC 12V V6 EGQ	2008-2009	3.780"/96.0mm x 3.580"/91.0mm	58
4.0L 3952 CC 241 CID SOHC 24V V6	2007-2010	3.780"/96.0mm x 3.580"/91.0mm	59
4.1L 4114 CC 251 CID L-HEAD 12V L6	1950-1952	3.440"/87.3mm x 4.500"/114.3mm	60
4.3L 4343 CC 265 CID L-HEAD 12V L6	1952-1954	3.440"/87.3mm x 4.750"/120.6mm	60
4.4L 4425 CC 270 CID OHV 16V V8	1956	3.630"/92.1mm x 3.250"/82.5mm	61
4.5L 4473 CC 273 CID OHV 16V V8 A273	1965-1969	3.630"/92.1mm x 3.310"/84.1mm	62
4.5L 4473 CC 273 CID OHV 16V V8 V27	1964	3.630"/92.1mm x 3.310"/84.1mm	63
4.5L 4540 CC 277 CID OHV 16V V8	1956-1957	3.750"/95.3mm x 3.130"/79.4mm	63
4.7L 285 CID SOHC 16V V8; Magnum	2007-2009	3.660"/93.0mm x 3.410"/86.5mm	64
4.9L 4933 CC 301 CID OHV 16V V8	1955	3.630"/92.1mm x 3.630"/92.1mm	65
4.9L 4933 CC 301 CID OHV 16V V8	1957	3.910"/99.3mm x 3.130"/79.4mm	66
5.0L 4966 CC 303 CID OHV 16V V8	1956	3.810"/96.8mm x 3.310"/84.1mm	66
5.1L 5130 CC 313 CID OHV 16V V8	1957-1958	3.880"/98.4mm x 3.310"/84.1mm	67
5.2L 5212 CC 318 CID OHV 16V V8 A318, MD2, P31, R31	1957-1969	3.910"/99.2mm x 3.310"/84.1mm	62
5.2L 5212 CC 318 CID OHV 16V V8	1966-1974	3.910"/99.2mm x 3.310"/84.1mm	68
5.2L 5212 CC 318 CID OHV 16V V8 LD2, S31, T31	1958-1963	3.910"/99.2mm x 3.310"/84.1mm	63
5.2L 5212 CC 318 CID OHV 16V V8 P31, R31, V31	1960-1964	3.910"/99.2mm x 3.310"/84.1mm	69
5.2L 5212 CC 318 CID OHV 16V V8 S31	1962	3.910"/99.2mm x 3.310"/84.1mm	70
5.2L 318 CID OHV 16V V8	1966-1989	3.910"/99.3mm x 3.310"/84.2mm	72
5.2L 5212 CC 318 CID OHV 16V V8	1974	3.910"/99.3mm x 3.310"/84.2mm	73
5.2L 318 CID OHV 16V V8	1975-1980	3.910"/99.3mm x 3.310"/84.2mm	71
5.2L 5211 CC 318 CID OHV 16V V8	1975-1980	3.910"/99.3mm x 3.310"/84.1mm	71
5.2L 5211 CC 318 CID OHV 16V V8	1979-1985	3.910"/99.3mm x 3.310"/84.1mm	72
5.3L 5302 CC 324 CID L-HEAD 16V L8	1946-1950	3.250"/82.5mm x 4.880"/123.8mm	74
5.4L 5425 CC 331 CID OHV 16V V8	1951-1956	3.810"/96.8mm x 3.630"/92.1mm	65
5.6L 5572 CC 340 CID OHV 16V V8	1968-1973	4.040"/102.5mm x 3.310"/84.1mm	75
5.7L 345 CID OHV 16V V8 EZB; HEMI	2008	3.920"/99.5mm x 3.580"/90.9mm	76
5.7L 345 CID OHV 16V V8; HEMI	2005-2008	3.920"/99.6mm x 3.580"/90.9mm	76
5.7L 345 CID OHV 16V V8 EZD, EZE, EZH; HEMI	2009-2012	3.920"/99.6mm x 3.580"/90.9mm	77
5.7L 5654 CC 345 CID OHV 16V V8 EZH; HEMI	2011-2013	3.920"/99.6mm x 3.580"/90.9mm	78
5.7L 345 CID OHV 16V V8 EZH; HEMI	2014	3.920"/99.6mm x 3.580"/90.9mm	79
5.7L 5737 CC 350 CID OHV 16V V8	1958	4.060"/103.2mm x 3.380"/85.7mm	80
5.7L 5737 CC 350 CID OHV 16V V8	1958	4.060"/103.2mm x 3.380"/85.7mm	81
5.8L 5802 CC 354 CID OHV 16V V8	1956-1958	3.940"/100.0mm x 3.630"/92.1mm	65
5.9L 5900 CC 360 CID OHV 16V V8	1971-1974	4.000"/101.6mm x 3.580"/90.9mm	84
5.9L 5899 CC 360 CID OHV 16V V8	1971-1974	4.000"/101.6mm x 3.580"/90.9mm	84
5.9L 5900 CC 360 CID OHV 16V V8	1974	4.000"/101.6mm x 3.580"/90.9mm	83
5.9L 5899 CC 360 CID OHV 16V V8	1974	4.000"/101.6mm x 3.580"/90.9mm	83
5.9L 360 CID OHV 16V V8	1975-1980	4.000"/101.6mm x 3.580"/90.9mm	82
5.9L 360 CID OHV 16V V8	1979-1983	4.000"/101.6mm x 3.580"/90.9mm	85
5.9L 5917 CC 361 CID OHV 16V V8 A361, MD3H, R36, S36	1959-1966	4.130"/104.8mm x 3.380"/85.7mm	80
5.9L 5917 CC 361 CID OHV 16V V8 P36, R36, S36, T36, V36	1959-1964	4.130"/104.8mm x 3.380"/85.7mm	81
6.1L 6059 CC 370 CID OHV 16V V8; HEMI	2005-2010	4.060"/103.0mm x 3.580"/90.9mm	76
6.3L 6274 CC 383 CID OHV 16V V8 MR38	1959	4.030"/102.4mm x 3.750"/95.3mm	86
6.3L 6286 CC 383 CID OHV 16V V8 P38	1960-1971	4.250"/107.9mm x 3.380"/85.8mm	87
6.3L 6286 CC 383 CID OHV 16V V8 A383, R38, S38, T38, V38	1961-1966	4.250"/107.9mm x 3.380"/85.8mm	81

CHRYSLER

ENGINE	YEAR	BORE & STROKE	BLOCK
6.3L 6286 CC 383 CID OHV 16V V8 MC1L, MC2M, PR38	1959-1960	4.250"/107.9mm x 3.380"/85.8mm	86
6.3L 6286 CC 383 CID OHV 16V V8 R38, S38	1961-1962	4.250"/107.9mm x 3.380"/85.8mm	80
6.4L 6424 CC 392 CID OHV 16V V8 ESG; HEMI	2012-2014	4.090"/103.9mm x 3.720"/94.5mm	88
6.6L 400 CID OHV 16V V8	1975-1978	4.130"/104.8mm x 3.750"/95.2mm	81
6.6L 6556 CC 400 CID OHV 16V V8	1972-1974	4.340"/110.2mm x 3.380"/85.7mm	81
6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	4.340"/110.2mm x 3.380"/85.8mm	81
6.6L 400 CID OHV 16V V8	1975	4.340"/110.2mm x 3.380"/85.9mm	81
6.6L 400 CID OHV 16V V8	1975-1978	4.340"/110.2mm x 3.380"/85.7mm	81
6.7L 6769 CC 413 CID OHV 16V V8 A413, MC3H, P41, R41, S41, T41, V41	1959-1965	4.190"/106.4mm x 3.750"/95.3mm	89
6.7L 6769 CC 413 CID OHV 16V V8 MC3S, MY1H, MY1L, MY1M	1959	4.190"/106.4mm x 3.750"/95.3mm	90
7.0L 6981 CC 426 CID OHV 16V V8	1966-1971	4.250"/107.9mm x 3.750"/95.2mm	91
7.0L 6981 CC 426 CID OHV 16V V8 A426, V42, V426	1964-1965	4.250"/107.9mm x 3.750"/95.2mm	89
7.0L 6981 CC 426 CID OHV 16V V8 T42	1963	4.250"/107.9mm x 3.750"/95.2mm	92
7.2L 7211 CC 440 CID OHV 16V V8	1966-1969	4.320"/109.7mm x 3.750"/95.2mm	93
7.2L 7211 CC 440 CID OHV 16V V8 B440	1966-1974	4.320"/109.7mm x 3.750"/95.2mm	89
7.2L 7211 CC 440 CID OHV 16V V8; Hi-Perf.	1970-1974	4.320"/109.7mm x 3.750"/95.2mm	89
7.2L 7212 CC 440 CID OHV 16V V8	1970-1974	4.320"/109.7mm x 3.750"/95.2mm	89
7.2L 440 CID OHV 16V V8	1975-1978	4.320"/109.7mm x 3.750"/95.2mm	89
7.2L 7211 CC 440 CID OHV 16V V8 C440	1967	4.320"/109.7mm x 3.750"/95.2mm	91
7.2L 7211 CC 440 CID OHV 16V V8 PT440	1968	4.320"/109.7mm x 3.750"/95.2mm	94

MODEL	ENGINE	YEAR	BLOCK
200	2.4L 2360 CC 144 CID DOHC 16V L4; GEMA	2011-2014	21
200	2.4L 2360 CC 144 CID DOHC 16V L4; GEMA	2013	22
200	2.4L 2360 CC 144 CID DOHC 16V L4 FIAT	2014	23
200	3.6L 3604 CC 220 CID DOHC 24V V6; Pentastar	2011-2014	49
200	3.6L 3604 CC 220 CID DOHC 24V V6; Pentastar	2015-2016	48
300	2.7L 2700 CC 167 CID DOHC 24V V6; Magnum	2005-2010	34
300	3.5L 3497 CC 215 CID SOHC 24V V6	2005-2010	42
300	3.5L 3518 CC 215 CID SOHC 24V V6	2006-2007	45
300	3.6L 3604 CC 220 CID DOHC 24V V6; Pentastar	2011-2016	49
300	3.6L 3604 CC 220 CID DOHC 24V V6; Pentastar	2015-2016	50
300	5.7L 345 CID OHV 16V V8; HEMI	2005-2008	76
300	5.7L 345 CID OHV 16V V8; HEMI	2009-2012	77
300	5.7L 345 CID OHV 16V V8; HEMI	2014	79
300	5.7L 5654 CC 345 CID OHV 16V V8; HEMI	2011-2013	78
300	6.1L 6059 CC 370 CID OHV 16V V8; HEMI	2005-2010	76
300	6.3L 6286 CC 383 CID OHV 16V V8	1962-1966	81
300	6.4L 6424 CC 392 CID OHV 16V V8; HEMI	2012-2014	88
300	6.7L 6769 CC 413 CID OHV 16V V8	1959	90
300	6.7L 6769 CC 413 CID OHV 16V V8	1961-1965	89
300	7.0L 6981 CC 426 CID OHV 16V V8	1963	92
300	7.2L 7211 CC 440 CID OHV 16V V8	1966-1969	93
300	7.2L 7211 CC 440 CID OHV 16V V8; Hi-Perf.	1966-1971	89
300	7.2L 7212 CC 440 CID OHV 16V V8	1970-1971	89
300M	3.5L 3497 CC 215 CID SOHC 24V V6	1999-2004	42
300M	3.5L 3497 CC 215 CID SOHC 24V V6	2002-2004	41



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MODEL	ENGINE	YEAR	BLOCK
300M	3.5L 3518 CC 215 CID SOHC 24V V6	1998-2004	45
Acclaim	2.5L 2507 CC 153 CID SOHC 8V L4	1989-1995	28
Acclaim	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI	1989-1995	38
Arrow	1.6L 1597 CC 98 CID SOHC 8V L4 MITSUBISHI	1976-1980	5
Arrow	2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI	1976-1978	12
Arrow	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1979-1980	29
Arrow Pickup	2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI	1979-1980	10
Arrow Pickup	2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI	1981-1982	11
Arrow Pickup	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1979-1982	12
Aspen	4.7L 285 CID SOHC 16V V8; Magnum	2007-2009	64
Aspen	5.7L 345 CID OHV 16V V8; HEMI	2007-2008	76
Aspen	5.7L 345 CID OHV 16V V8; HEMI	2009	77
Barracuda	2.8L 2786 CC 170 CID OHV 12V L6	1964-1966	35
Barracuda	3.2L 3254 CC 198 CID OHV 12V L6	1970-1971	35
Barracuda	3.7L 3687 CC 225 CID OHV 12V L6	1964	36
Barracuda	3.7L 3687 CC 225 CID OHV 12V L6	1965-1972	35
Barracuda	4.5L 4473 CC 273 CID OHV 16V V8	1964	63
Barracuda	4.5L 4473 CC 273 CID OHV 16V V8	1965-1968	62
Barracuda	5.2L 5212 CC 318 CID OHV 16V V8	1966-1974	68
Barracuda	5.2L 5212 CC 318 CID OHV 16V V8	1967-1969	62
Barracuda	5.6L 5572 CC 340 CID OHV 16V V8	1968-1973	75
Barracuda	5.9L 5899 CC 360 CID OHV 16V V8	1971-1974	84
Barracuda	5.9L 5899 CC 360 CID OHV 16V V8	1974	83
Barracuda	5.9L 5900 CC 360 CID OHV 16V V8	1974	83
Barracuda	5.9L 5917 CC 361 CID OHV 16V V8	1964	81
Barracuda	6.3L 6286 CC 383 CID OHV 16V V8	1967-1971	87
Barracuda	7.0L 6981 CC 426 CID OHV 16V V8	1968-1971	91
Barracuda	7.2L 7211 CC 440 CID OHV 16V V8; Hi-Perf.	1970-1972	89
Belvedere	3.6L 3570 CC 218 CID L-HEAD 12V L6	1953-1954	47
Belvedere	3.7L 3687 CC 225 CID OHV 12V L6	1960-1970	35
Belvedere	3.7L 3687 CC 225 CID OHV 12V L6	1964	36
Belvedere	3.8L 3770 CC 230 CID L-HEAD 12V L6	1954-1959	47
Belvedere	4.4L 4425 CC 270 CID OHV 16V V8	1956	61
Belvedere	4.5L 4473 CC 273 CID OHV 16V V8	1964	63
Belvedere	4.5L 4473 CC 273 CID OHV 16V V8	1965-1968	62
Belvedere	4.5L 4540 CC 277 CID OHV 16V V8	1956-1957	63
Belvedere	4.9L 4933 CC 301 CID OHV 16V V8	1957	66
Belvedere	5.0L 4966 CC 303 CID OHV 16V V8	1956	66
Belvedere	5.1L 5130 CC 313 CID OHV 16V V8	1957-1958	67
Belvedere	5.2L 5212 CC 318 CID OHV 16V V8	1958-1963	63
Belvedere	5.2L 5212 CC 318 CID OHV 16V V8	1959-1969	62
Belvedere	5.2L 5212 CC 318 CID OHV 16V V8	1964	69
Belvedere	5.2L 5212 CC 318 CID OHV 16V V8	1966-1970	68
Belvedere	5.6L 5572 CC 340 CID OHV 16V V8	1971	75
Belvedere	5.7L 5737 CC 350 CID OHV 16V V8	1958	81
Belvedere	5.9L 5917 CC 361 CID OHV 16V V8	1959-1966	80
Belvedere	5.9L 5917 CC 361 CID OHV 16V V8	1960-1964	81
Belvedere	6.3L 6286 CC 383 CID OHV 16V V8	1960-1970	87
Belvedere	6.3L 6286 CC 383 CID OHV 16V V8	1961-1966	81
Belvedere	6.3L 6286 CC 383 CID OHV 16V V8	1962	80

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MODEL	ENGINE	YEAR	BLOCK
Belvedere	6.7L 6769 CC 413 CID OHV 16V V8	1961-1964	89
Belvedere	7.0L 6981 CC 426 CID OHV 16V V8	1963	92
Belvedere	7.0L 6981 CC 426 CID OHV 16V V8	1964-1965	89
Belvedere	7.0L 6981 CC 426 CID OHV 16V V8	1966-1969	91
Belvedere	7.2L 7211 CC 440 CID OHV 16V V8	1966	89
Belvedere	7.2L 7211 CC 440 CID OHV 16V V8	1967	93
Belvedere	7.2L 7211 CC 440 CID OHV 16V V8	1967	91
Breeze	2.0L 1996 CC 122 CID SOHC 16V L4	1996-2000	17
Breeze	2.4L 2429 CC 148 CID DOHC 16V L4	1997-2000	25
Cambridge	3.6L 3570 CC 218 CID L-HEAD 12V L6	1951-1953	47
Caravelle	2.2L 135 CID SOHC 8V L4	1985-1988	18
Caravelle	2.5L 2507 CC 153 CID SOHC 8V L4	1986-1988	28
Caravelle	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1985	12
Champ	1.4L 1410 CC SOHC 8V L4 MITSUBISHI	1979-1982	1
Champ	1.6L 1597 CC 98 CID SOHC 8V L4 MITSUBISHI	1979-1982	5
Cirrus	2.0L 1996 CC 122 CID SOHC 16V L4	2000	17
Cirrus	2.4L 2360 CC 144 CID DOHC 16V L4	2008-2009	24
Cirrus	2.4L 2429 CC 148 CID DOHC 16V L4	1995-2000	25
Cirrus	2.4L 2429 CC 148 CID DOHC 16V L4	1999-2000	26
Cirrus	2.5L 2497 CC 152 CID SOHC 24V V6 MITSUBISHI	1995-2000	33
Cirrus	2.5L 2497 CC 152 CID SOHC 24V V6	1996-2000	31
Colt	1.4L 1410 CC SOHC 8V L4 MITSUBISHI	1983-1984	1
Colt	2.4L 2351 CC SOHC 8V L4 MITSUBISHI	1992	15
Colt	2.4L 2351 CC SOHC 8V L4 MITSUBISHI	1993-1994	14
Colt	1.5L 1468 CC 90 CID SOHC 8V L4 MITSUBISHI	1985-1988	1
Colt	1.5L 1468 CC 90 CID SOHC 8V L4 MITSUBISHI	1989-1990	2
Colt	1.5L 1468 CC 90 CID SOHC 12V L4 MITSUBISHI	1991-1995	3
Colt	1.6L 1597 CC 98 CID SOHC 8V L4 MITSUBISHI	1983-1986	5
Colt	1.6L 1597 CC 98 CID SOHC 8V L4 MITSUBISHI	1987-1988	4
Colt	1.6L 1597 CC 98 CID DOHC 16V L4 MITSUBISHI	1989-1990	4
Colt	1.8L 1754 CC 107 CID SOHC 8V L4 MITSUBISHI	1989-1990	8
Colt	1.8L 1834 CC 112 CID SOHC 16V L4 MITSUBISHI	1992-1994	9
Colt	2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI	1984-1988	4
Colt	2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI	1989-1991	13
Concord	3.6L 3570 CC 218 CID L-HEAD 12V L6	1951-1952	47
Concorde	2.7L 2700 CC 167 CID DOHC 24V V6	1998-2004	34
Concorde	3.2L 3231 CC 197 CID SOHC 24V V6	1998-2001	39
Concorde	3.3L 3301 CC 201 CID OHV 12V V6	1993-1996	40
Concorde	3.5L 3497 CC 215 CID SOHC 24V V6	1993-1997	46
Concorde	3.5L 3497 CC 215 CID SOHC 24V V6	2002-2004	44
Concorde	3.5L 3497 CC 215 CID SOHC 24V V6	2002-2004	42
Concorde	3.5L 3518 CC 215 CID SOHC 24V V6	2002	45
Conquest	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1984-1989	12
Cordoba	3.7L 3687 CC 225 CID OHV 12V L6	1980	52
Cordoba	3.7L 3687 CC 225 CID OHV 12V L6	1980	51
Cordoba	3.7L 3687 CC 225 CID OHV 12V L6	1981-1983	53
Cordoba	5.2L 318 CID OHV 16V V8	1975-1980	71
Cordoba	5.2L 318 CID OHV 16V V8	1979-1983	72
Cordoba	5.9L 360 CID OHV 16V V8	1975-1980	82
Cordoba	6.6L 400 CID OHV 16V V8	1975-1978	81



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MODEL	ENGINE	YEAR	BLOCK
Cranbrook	3.6L 3570 CC 218 CID L-HEAD 12V L6	1951-1953	47
Cuda	5.2L 5212 CC 318 CID OHV 16V V8	1973-1974	68
Cuda	5.6L 5572 CC 340 CID OHV 16V V8	1970-1973	75
Cuda	5.9L 5899 CC 360 CID OHV 16V V8	1971-1974	84
Cuda	5.9L 5899 CC 360 CID OHV 16V V8	1974	83
Cuda	5.9L 5900 CC 360 CID OHV 16V V8	1974	83
Cuda	6.3L 6286 CC 383 CID OHV 16V V8	1970-1971	87
Cuda	7.0L 6981 CC 426 CID OHV 16V V8	1970-1971	91
Cuda	7.2L 7211 CC 440 CID OHV 16V V8; Hi-Perf.	1970-1972	89
Cuda	7.2L 7212 CC 440 CID OHV 16V V8	1970	89
Custom	3.7L 3687 CC 225 CID OHV 12V L6	1960-1961	35
Custom	5.2L 5212 CC 318 CID OHV 16V V8	1958	63
Custom	5.2L 5212 CC 318 CID OHV 16V V8	1959-1961	62
Custom	5.7L 5737 CC 350 CID OHV 16V V8	1958	81
Custom	5.9L 5917 CC 361 CID OHV 16V V8	1959	80
Custom	5.9L 5917 CC 361 CID OHV 16V V8	1960-1961	81
Custom	6.3L 6286 CC 383 CID OHV 16V V8	1960	87
Custom	6.3L 6286 CC 383 CID OHV 16V V8	1961	81
Custom	6.7L 6769 CC 413 CID OHV 16V V8	1961	89
Daytona	2.2L 135 CID SOHC 8V L4	1987-1990	18
Daytona	2.5L 2507 CC 153 CID SOHC 8V L4	1987-1993	28
Daytona	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI	1990-1991	38
Deluxe	3.6L 3570 CC 218 CID L-HEAD 12V L6	1949-1951	47
Duster	3.2L 3254 CC 198 CID OHV 12V L6	1970-1974	35
Duster	3.7L 3687 CC 225 CID OHV 12V L6	1970-1974	35
Duster	3.7L 3687 CC 225 CID OHV 12V L6	1975-1976	52
Duster	5.2L 318 CID OHV 16V V8	1975-1976	71
Duster	5.2L 5212 CC 318 CID OHV 16V V8	1970-1974	68
Duster	5.6L 5572 CC 340 CID OHV 16V V8	1970-1973	75
Duster	5.9L 360 CID OHV 16V V8	1975-1976	82
Duster	5.9L 5899 CC 360 CID OHV 16V V8	1974	84
Duster	5.9L 5899 CC 360 CID OHV 16V V8	1974	83
Duster	5.9L 5900 CC 360 CID OHV 16V V8	1974	83
Dynasty	2.5L 2507 CC 153 CID SOHC 8V L4	1988-1993	28
Dynasty	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI	1988	38
Dynasty	3.3L 3301 CC 201 CID OHV 12V V6	1990	40
E Class	2.2L 135 CID SOHC 8V L4	1983-1984	18
E Class	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1983-1984	12
Executive Limousine	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1985	12
Executive Sedan	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1983-1984	12
Fifth Avenue	3.7L 3687 CC 225 CID OHV 12V L6	1983	53
Fifth Avenue	5.2L 318 CID OHV 16V V8	1983-1989	72
Fleet Special	3.7L 3687 CC 225 CID OHV 12V L6	1960-1963	35
Fleet Special	5.2L 5212 CC 318 CID OHV 16V V8	1960-1961	62
Fleet Special	5.2L 5212 CC 318 CID OHV 16V V8	1962-1963	63
Fleet Special	5.9L 5917 CC 361 CID OHV 16V V8	1960-1963	81
Fleet Special	6.3L 6286 CC 383 CID OHV 16V V8	1960	87
Fleet Special	6.3L 6286 CC 383 CID OHV 16V V8	1961-1963	81
Fleet Special	6.3L 6286 CC 383 CID OHV 16V V8	1962	80
Fleet Special	6.7L 6769 CC 413 CID OHV 16V V8	1961-1963	89

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MODEL	ENGINE	YEAR	BLOCK
Fleet Special	7.0L 6981 CC 426 CID OHV 16V V8	1963	92
Fury	3.7L 3687 CC 225 CID OHV 12V L6	1960-1974	35
Fury	3.7L 3687 CC 225 CID OHV 12V L6	1964	36
Fury	3.7L 3687 CC 225 CID OHV 12V L6	1975-1978	52
Fury	3.7L 3687 CC 225 CID OHV 12V L6	1977-1978	51
Fury	3.8L 3770 CC 230 CID L-HEAD 12V L6	1956-1959	47
Fury	4.5L 4473 CC 273 CID OHV 16V V8	1964	63
Fury	4.5L 4473 CC 273 CID OHV 16V V8	1965	62
Fury	4.5L 4540 CC 277 CID OHV 16V V8	1956	63
Fury	4.9L 4933 CC 301 CID OHV 16V V8	1957	66
Fury	5.0L 4966 CC 303 CID OHV 16V V8	1956	66
Fury	5.1L 5130 CC 313 CID OHV 16V V8	1957-1958	67
Fury	5.2L 318 CID OHV 16V V8	1966	72
Fury	5.2L 318 CID OHV 16V V8	1975-1978	71
Fury	5.2L 5212 CC 318 CID OHV 16V V8	1957-1969	62
Fury	5.2L 5212 CC 318 CID OHV 16V V8	1958-1963	63
Fury	5.2L 5212 CC 318 CID OHV 16V V8	1960-1964	69
Fury	5.2L 5212 CC 318 CID OHV 16V V8	1962	70
Fury	5.2L 5212 CC 318 CID OHV 16V V8	1966-1974	68
Fury	5.7L 5737 CC 350 CID OHV 16V V8	1958	80
Fury	5.9L 360 CID OHV 16V V8	1975-1978	82
Fury	5.9L 5899 CC 360 CID OHV 16V V8	1971-1974	84
Fury	5.9L 5899 CC 360 CID OHV 16V V8	1974	83
Fury	5.9L 5900 CC 360 CID OHV 16V V8	1971-1974	84
Fury	5.9L 5900 CC 360 CID OHV 16V V8	1974	83
Fury	5.9L 5917 CC 361 CID OHV 16V V8	1959-1964	81
Fury	5.9L 5917 CC 361 CID OHV 16V V8	1965-1966	80
Fury	6.3L 6286 CC 383 CID OHV 16V V8	1960-1971	87
Fury	6.3L 6286 CC 383 CID OHV 16V V8	1961-1966	81
Fury	6.3L 6286 CC 383 CID OHV 16V V8	1962	80
Fury	6.6L 400 CID OHV 16V V8	1975-1978	81
Fury	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	81
Fury	6.6L 6556 CC 400 CID OHV 16V V8	1972-1974	81
Fury	6.7L 6769 CC 413 CID OHV 16V V8	1961-1964	89
Fury	7.0L 6981 CC 426 CID OHV 16V V8	1963	92
Fury	7.0L 6981 CC 426 CID OHV 16V V8	1964-1965	89
Fury	7.0L 6981 CC 426 CID OHV 16V V8	1966	91
Fury	7.2L 440 CID OHV 16V V8	1975-1978	89
Fury	7.2L 7211 CC 440 CID OHV 16V V8; Hi-Perf.	1966-1974	89
Fury	7.2L 7211 CC 440 CID OHV 16V V8	1967	91
Fury	7.2L 7211 CC 440 CID OHV 16V V8	1967-1969	93
Fury	7.2L 7211 CC 440 CID OHV 16V V8	1968	94
Fury	7.2L 7212 CC 440 CID OHV 16V V8	1970-1974	89
Fury I	3.7L 3687 CC 225 CID OHV 12V L6	1968-1974	35
Fury I	5.2L 5212 CC 318 CID OHV 16V V8	1968-1969	62
Fury I	5.2L 5212 CC 318 CID OHV 16V V8	1970-1974	68
Fury I	5.9L 5899 CC 360 CID OHV 16V V8	1971-1974	84
Fury I	5.9L 5899 CC 360 CID OHV 16V V8	1974	83
Fury I	5.9L 5900 CC 360 CID OHV 16V V8	1971-1974	84
Fury I	5.9L 5900 CC 360 CID OHV 16V V8	1974	83



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MODEL	ENGINE	YEAR	BLOCK
Fury I	6.3L 6286 CC 383 CID OHV 16V V8	1968-1971	87
Fury I	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	81
Fury I	6.6L 6556 CC 400 CID OHV 16V V8	1972-1974	81
Fury I	7.2L 7211 CC 440 CID OHV 16V V8	1968-1969	93
Fury I	7.2L 7211 CC 440 CID OHV 16V V8; Hi-Perf.	1970-1974	89
Fury I	7.2L 7212 CC 440 CID OHV 16V V8	1970-1973	89
Fury II	3.7L 3687 CC 225 CID OHV 12V L6	1968-1974	35
Fury II	5.2L 5212 CC 318 CID OHV 16V V8	1968-1969	62
Fury II	5.2L 5212 CC 318 CID OHV 16V V8	1970-1974	68
Fury II	5.9L 5899 CC 360 CID OHV 16V V8	1971-1974	84
Fury II	5.9L 5899 CC 360 CID OHV 16V V8	1974	83
Fury II	5.9L 5900 CC 360 CID OHV 16V V8	1971-1974	84
Fury II	5.9L 5900 CC 360 CID OHV 16V V8	1974	83
Fury II	6.3L 6286 CC 383 CID OHV 16V V8	1968-1971	87
Fury II	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	81
Fury II	6.6L 6556 CC 400 CID OHV 16V V8	1972-1974	81
Fury II	7.2L 7211 CC 440 CID OHV 16V V8	1968-1969	93
Fury II	7.2L 7211 CC 440 CID OHV 16V V8; Hi-Perf.	1970-1974	89
Fury II	7.2L 7212 CC 440 CID OHV 16V V8	1970-1974	89
Fury III	3.7L 3687 CC 225 CID OHV 12V L6	1968-1973	35
Fury III	5.2L 5212 CC 318 CID OHV 16V V8	1968-1969	62
Fury III	5.2L 5212 CC 318 CID OHV 16V V8	1970-1974	68
Fury III	5.9L 5899 CC 360 CID OHV 16V V8	1971-1974	84
Fury III	5.9L 5899 CC 360 CID OHV 16V V8	1974	83
Fury III	5.9L 5900 CC 360 CID OHV 16V V8	1971-1974	84
Fury III	5.9L 5900 CC 360 CID OHV 16V V8	1974	83
Fury III	6.3L 6286 CC 383 CID OHV 16V V8	1968-1971	87
Fury III	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	81
Fury III	6.6L 6556 CC 400 CID OHV 16V V8	1972-1974	81
Fury III	7.2L 7211 CC 440 CID OHV 16V V8	1968-1969	93
Fury III	7.2L 7211 CC 440 CID OHV 16V V8; Hi-Perf.	1970-1974	89
Fury III	7.2L 7212 CC 440 CID OHV 16V V8	1970-1974	89
Grand Voyager	2.4L 2429 CC 148 CID DOHC 16V L4	1996-1997	25
Grand Voyager	2.5L 2507 CC 153 CID SOHC 8V L4	1987-1988	28
Grand Voyager	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI	1987-2000	38
Grand Voyager	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI	1998-2000	37
Grand Voyager	3.3L 3301 CC 201 CID OHV 12V V6	1990-2000	40
Grand Voyager	3.8L 230 CID OHV 12V V6	1994-2002	40
Gran Fury	3.7L 3687 CC 225 CID OHV 12V L6	1980	52
Gran Fury	3.7L 3687 CC 225 CID OHV 12V L6	1981-1983	53
Gran Fury	5.2L 318 CID OHV 16V V8	1975-1980	71
Gran Fury	5.2L 318 CID OHV 16V V8	1981-1989	72
Gran Fury	5.2L 5211 CC 318 CID OHV 16V V8	1985	72
Gran Fury	5.2L 5212 CC 318 CID OHV 16V V8	1972-1974	68
Gran Fury	5.9L 360 CID OHV 16V V8	1975-1980	82
Gran Fury	5.9L 5899 CC 360 CID OHV 16V V8	1972-1974	84
Gran Fury	5.9L 5899 CC 360 CID OHV 16V V8	1974	83
Gran Fury	5.9L 5900 CC 360 CID OHV 16V V8	1972-1974	84
Gran Fury	5.9L 5900 CC 360 CID OHV 16V V8	1974	83
Gran Fury	6.6L 400 CID OHV 16V V8	1975-1977	81

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MODEL	ENGINE	YEAR	BLOCK
Gran Fury	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	81
Gran Fury	6.6L 6556 CC 400 CID OHV 16V V8	1972-1974	81
Gran Fury	7.2L 440 CID OHV 16V V8	1975-1977	89
Gran Fury	7.2L 7211 CC 440 CID OHV 16V V8; Hi-Perf.	1972-1974	89
Gran Fury	7.2L 7212 CC 440 CID OHV 16V V8	1972-1974	89
GTX	5.2L 5212 CC 318 CID OHV 16V V8	1968	62
GTX	6.3L 6286 CC 383 CID OHV 16V V8	1968-1971	87
GTX	7.0L 6981 CC 426 CID OHV 16V V8	1967-1971	91
GTX	7.2L 7211 CC 440 CID OHV 16V V8	1967-1969	93
GTX	7.2L 7211 CC 440 CID OHV 16V V8; Hi-Perf.	1969-1971	89
GTX	7.2L 7212 CC 440 CID OHV 16V V8	1970-1971	89
Horizon	1.7L 105 CID SOHC 8V L4 VW	1978-1982	7
Horizon	2.2L 135 CID SOHC 8V L4	1981-1990	18
Imperial	3.3L 3301 CC 201 CID OHV 12V V6	1990-1991	40
Imperial	3.8L 230 CID OHV 12V V6	1991-1993	40
Imperial	5.2L 318 CID OHV 16V V8	1981-1983	72
Imperial	5.4L 5425 CC 331 CID OHV 16V V8	1951-1955	65
Imperial	5.8L 5802 CC 354 CID OHV 16V V8	1956	65
Imperial	6.7L 6769 CC 413 CID OHV 16V V8	1959	90
Imperial	6.7L 6769 CC 413 CID OHV 16V V8	1959-1965	89
Imperial	7.2L 440 CID OHV 16V V8	1975	89
Imperial	7.2L 7211 CC 440 CID OHV 16V V8	1966-1969	93
Imperial	7.2L 7211 CC 440 CID OHV 16V V8; Hi-Perf.	1966-1974	89
Imperial	7.2L 7212 CC 440 CID OHV 16V V8	1970-1974	89
Imperial C-40	5.3L 5302 CC 324 CID L-HEAD 16V L8	1948	74
Intrepid	2.7L 2700 CC 167 CID DOHC 24V V6	2002-2004	34
Intrepid	3.5L 3497 CC 215 CID SOHC 24V V6	1993-1997	46
Intrepid	3.5L 3497 CC 215 CID SOHC 24V V6	2000-2004	42
Laser	1.8L 1755 CC 107 CID SOHC 8V L4 MITSUBISHI	1990-1994	8
Laser	2.0L 1997 CC 122 CID DOHC 16V L4 MITSUBISHI	1990-1992	15
Laser	2.0L 1997 CC 122 CID DOHC 16V L4 MITSUBISHI	1993-1994	16
Laser	2.0L 1997 CC 122 CID DOHC 16V L4 MITSUBISHI	1993-1994	14
Laser	2.2L 135 CID SOHC 8V L4	1984-1986	18
Laser	2.5L 2507 CC 153 CID SOHC 8V L4	1986	28
LeBaron	2.2L 135 CID SOHC 8V L4	1982-1990	18
LeBaron	2.2L 2212 CC 135 CID SOHC 8V L4	1987-1988	18
LeBaron	2.5L 2507 CC 153 CID SOHC 8V L4	1986-1994	28
LeBaron	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1982	29
LeBaron	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1983-1985	12
LeBaron	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI	1990-1995	37
LeBaron	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI	1991	38
LeBaron	3.7L 3687 CC 225 CID OHV 12V L6	1978-1980	52
LeBaron	3.7L 3687 CC 225 CID OHV 12V L6	1978-1980	51
LeBaron	3.7L 3687 CC 225 CID OHV 12V L6	1981	53
LeBaron	5.2L 318 CID OHV 16V V8	1977-1980	71
LeBaron	5.2L 318 CID OHV 16V V8	1979-1981	72
LeBaron	5.9L 360 CID OHV 16V V8	1978-1979	82
LHS	3.5L 3497 CC 215 CID SOHC 24V V6	1994-1997	46
LHS	3.5L 3497 CC 215 CID SOHC 24V V6	1999-2001	42
Nassau	4.9L 4933 CC 301 CID OHV 16V V8	1955	65



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MODEL	ENGINE	YEAR	BLOCK
Nassau	5.4L 5425 CC 331 CID OHV 16V V8	1956	65
Neon	2.0L 1996 CC 122 CID DOHC 16V L4	1995-1999	17
Neon	2.0L 1996 CC 122 CID SOHC 16V L4	1995-2002	17
Newport	3.7L 3687 CC 225 CID OHV 12V L6	1979	51
Newport	3.7L 3687 CC 225 CID OHV 12V L6	1980	52
Newport	3.7L 3687 CC 225 CID OHV 12V L6	1981	53
Newport	4.1L 4114 CC 251 CID L-HEAD 12V L6	1950-1951	60
Newport	4.3L 4343 CC 265 CID L-HEAD 12V L6	1952-1954	60
Newport	4.9L 4933 CC 301 CID OHV 16V V8	1955	65
Newport	5.2L 318 CID OHV 16V V8	1979-1981	72
Newport	5.2L 318 CID OHV 16V V8	1980	71
Newport	5.4L 5425 CC 331 CID OHV 16V V8	1951-1956	65
Newport	5.8L 5802 CC 354 CID OHV 16V V8	1956	65
Newport	5.9L 360 CID OHV 16V V8	1975-1980	82
Newport	5.9L 5899 CC 360 CID OHV 16V V8	1971-1974	84
Newport	5.9L 5899 CC 360 CID OHV 16V V8	1974	83
Newport	5.9L 5900 CC 360 CID OHV 16V V8	1971-1972	84
Newport	5.9L 5900 CC 360 CID OHV 16V V8	1974	83
Newport	5.9L 5917 CC 361 CID OHV 16V V8	1961-1962	80
Newport	5.9L 5917 CC 361 CID OHV 16V V8	1963-1964	81
Newport	6.3L 6286 CC 383 CID OHV 16V V8	1965-1966	81
Newport	6.3L 6286 CC 383 CID OHV 16V V8	1966-1971	87
Newport	6.6L 400 CID OHV 16V V8	1975-1978	81
Newport	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	81
Newport	6.6L 6556 CC 400 CID OHV 16V V8	1972-1974	81
Newport	6.7L 6769 CC 413 CID OHV 16V V8	1959-1965	89
Newport	7.0L 6981 CC 426 CID OHV 16V V8	1963	92
Newport	7.2L 440 CID OHV 16V V8	1975-1978	89
Newport	7.2L 7211 CC 440 CID OHV 16V V8	1966-1969	93
Newport	7.2L 7211 CC 440 CID OHV 16V V8; Hi-Perf.	1966-1974	89
Newport	7.2L 7212 CC 440 CID OHV 16V V8	1970-1974	89
New Yorker	2.2L 135 CID SOHC 8V L4	1983-1988	18
New Yorker	2.5L 2507 CC 153 CID SOHC 8V L4	1986-1987	28
New Yorker	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1983-1985	12
New Yorker	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI	1988-1989	37
New Yorker	3.3L 3301 CC 201 CID OHV 12V V6	1990-1993	40
New Yorker	3.5L 3497 CC 215 CID SOHC 24V V6	1994-1996	46
New Yorker	3.7L 3687 CC 225 CID OHV 12V L6	1982	53
New Yorker	3.8L 230 CID OHV 12V V6	1991-1993	40
New Yorker	5.2L 318 CID OHV 16V V8	1979-1982	72
New Yorker	5.2L 318 CID OHV 16V V8	1980	71
New Yorker	5.4L 5425 CC 331 CID OHV 16V V8	1951-1954	65
New Yorker	5.8L 5802 CC 354 CID OHV 16V V8	1956	65
New Yorker	5.9L 360 CID OHV 16V V8	1977-1980	82
New Yorker	6.6L 400 CID OHV 16V V8	1975-1978	81
New Yorker	6.6L 6555 CC 400 CID OHV 16V V8	1972	81
New Yorker	6.7L 6769 CC 413 CID OHV 16V V8	1959-1965	89
New Yorker	7.0L 6981 CC 426 CID OHV 16V V8	1963	92
New Yorker	7.2L 440 CID OHV 16V V8	1975-1978	89
New Yorker	7.2L 7211 CC 440 CID OHV 16V V8	1966-1969	93

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MODEL	ENGINE	YEAR	BLOCK
New Yorker	7.2L 7211 CC 440 CID OHV 16V V8; Hi-Perf.	1966-1974	89
New Yorker	7.2L 7212 CC 440 CID OHV 16V V8	1970-1974	89
P14S Deluxe	3.6L 3570 CC 218 CID L-HEAD 12V L6	1942	47
P15 Deluxe	3.6L 3570 CC 218 CID L-HEAD 12V L6	1946-1948	47
Pacifica	3.5L 3497 CC 215 CID SOHC 24V V6	2004-2006	41
Pacifica	3.5L 3518 CC 215 CID SOHC 24V V6	2006	45
Pacifica	3.8L 230 CID OHV 12V V6	2005-2008	40
Pacifica	3.8L 3779 CC 231 CID OHV 12V V6	2006	57
Pacifica	4.0L 3952 CC 241 CID SOHC 24V V6	2007-2008	59
PB100	3.7L 3687 CC 225 CID OHV 12V L6	1975-1978	54
PB100	3.7L 3687 CC 225 CID OHV 12V L6	1979-1980	53
PB100	5.2L 5211 CC 318 CID OHV 16V V8	1975-1980	71
PB100	5.2L 5211 CC 318 CID OHV 16V V8	1979	72
PB100	5.9L 360 CID OHV 16V V8	1976-1978	82
PB100 Van	3.7L 3687 CC 225 CID OHV 12V L6	1974	35
PB100 Van	5.2L 5212 CC 318 CID OHV 16V V8	1974	68
PB100 Van	5.2L 5212 CC 318 CID OHV 16V V8	1974	73
PB100 Van	5.9L 5899 CC 360 CID OHV 16V V8	1974	83
PB100 Van	5.9L 5900 CC 360 CID OHV 16V V8	1974	83
PB150	3.7L 3687 CC 225 CID OHV 12V L6	1981-1983	53
PB150	5.2L 5211 CC 318 CID OHV 16V V8	1981-1983	72
PB200	3.7L 3687 CC 225 CID OHV 12V L6	1975-1978	54
PB200	3.7L 3687 CC 225 CID OHV 12V L6	1980	53
PB200	5.2L 5211 CC 318 CID OHV 16V V8	1975-1980	71
PB200	5.2L 5211 CC 318 CID OHV 16V V8	1979-1980	72
PB200	5.9L 360 CID OHV 16V V8	1975-1979	82
PB200	5.9L 360 CID OHV 16V V8	1979-1980	85
PB200	6.6L 400 CID OHV 16V V8	1976-1978	81
PB200	7.2L 440 CID OHV 16V V8	1976-1978	89
PB200 Van	3.7L 3687 CC 225 CID OHV 12V L6	1974	35
PB200 Van	5.2L 5212 CC 318 CID OHV 16V V8	1974	68
PB200 Van	5.2L 5212 CC 318 CID OHV 16V V8	1974	73
PB200 Van	5.9L 5899 CC 360 CID OHV 16V V8	1974	83
PB200 Van	5.9L 5900 CC 360 CID OHV 16V V8	1974	83
PB200 Van	7.2L 7211 CC 440 CID OHV 16V V8	1974	89
PB250	3.7L 3687 CC 225 CID OHV 12V L6	1981-1983	53
PB250	5.2L 5211 CC 318 CID OHV 16V V8	1981-1983	72
PB250	5.9L 360 CID OHV 16V V8	1981	85
PB300	5.2L 5211 CC 318 CID OHV 16V V8	1975-1980	71
PB300	5.9L 360 CID OHV 16V V8	1975-1979	82
PB300	5.9L 360 CID OHV 16V V8	1979-1980	85
PB300	6.6L 400 CID OHV 16V V8	1976-1978	81
PB300	7.2L 440 CID OHV 16V V8	1976-1978	89
PB300 Van	5.2L 5212 CC 318 CID OHV 16V V8	1974	68
PB300 Van	5.2L 5212 CC 318 CID OHV 16V V8	1974	73
PB300 Van	5.9L 5899 CC 360 CID OHV 16V V8	1974	83
PB300 Van	5.9L 5900 CC 360 CID OHV 16V V8	1974	83
PB300 Van	7.2L 7211 CC 440 CID OHV 16V V8	1974	89
PB350	5.2L 5211 CC 318 CID OHV 16V V8	1981-1983	72
PB350	5.9L 360 CID OHV 16V V8	1981-1983	85



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MODEL	ENGINE	YEAR	BLOCK
Plaza	3.6L 3570 CC 218 CID L-HEAD 12V L6	1954	47
Plaza	3.8L 3770 CC 230 CID L-HEAD 12V L6	1954-1958	47
Plaza	4.4L 4425 CC 270 CID OHV 16V V8	1956	61
Plaza	4.5L 4540 CC 277 CID OHV 16V V8	1956-1957	63
Plaza	4.9L 4933 CC 301 CID OHV 16V V8	1957	66
Plaza	5.0L 4966 CC 303 CID OHV 16V V8	1956	66
Plaza	5.1L 5130 CC 313 CID OHV 16V V8	1957-1958	67
Plaza	5.2L 5212 CC 318 CID OHV 16V V8	1958	63
Plaza	5.7L 5737 CC 350 CID OHV 16V V8	1958	81
Premier	2.5L 150 CID OHV 8V L4 AMC	1988-1989	27
Prowler	3.5L 3497 CC 215 CID SOHC 24V V6	1997	46
Prowler	3.5L 3497 CC 215 CID SOHC 24V V6	1999	43
Prowler	3.5L 3497 CC 215 CID SOHC 24V V6	2000-2002	42
PT Cruiser	2.4L 2429 CC 148 CID DOHC 16V L4	2001-2009	26
PT Cruiser	2.4L 2429 CC 148 CID DOHC 16V L4	2001-2010	25
Reliant	2.2L 135 CID SOHC 8V L4	1981-1989	18
Reliant	2.5L 2507 CC 153 CID SOHC 8V L4	1986-1989	28
Reliant	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1981-1982	29
Reliant	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1983-1985	12
Roadrunner	4.5L 4473 CC 273 CID OHV 16V V8	1968	62
Roadrunner	5.2L 318 CID OHV 16V V8	1975	71
Roadrunner	5.2L 5212 CC 318 CID OHV 16V V8	1968	62
Roadrunner	5.2L 5212 CC 318 CID OHV 16V V8	1971-1974	68
Roadrunner	5.6L 5572 CC 340 CID OHV 16V V8	1968-1973	75
Roadrunner	5.9L 360 CID OHV 16V V8	1975	82
Roadrunner	5.9L 5899 CC 360 CID OHV 16V V8	1974	83
Roadrunner	5.9L 5899 CC 360 CID OHV 16V V8	1974	84
Roadrunner	5.9L 5900 CC 360 CID OHV 16V V8	1974	83
Roadrunner	6.3L 6286 CC 383 CID OHV 16V V8	1968-1971	87
Roadrunner	6.6L 400 CID OHV 16V V8	1975	81
Roadrunner	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	81
Roadrunner	6.6L 6556 CC 400 CID OHV 16V V8	1972-1974	81
Roadrunner	7.0L 6981 CC 426 CID OHV 16V V8	1968-1971	91
Roadrunner	7.2L 7211 CC 440 CID OHV 16V V8	1969	93
Roadrunner	7.2L 7211 CC 440 CID OHV 16V V8; Hi-Perf.	1969-1974	89
Roadrunner	7.2L 7212 CC 440 CID OHV 16V V8	1970-1974	89
Royal	4.1L 4114 CC 251 CID L-HEAD 12V L6	1950	60
Sapporo	1.6L 1597 CC 98 CID SOHC 8V L4 MITSUBISHI	1978-1979	5
Sapporo	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1978-1980	29
Sapporo	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1981	30
Sapporo	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1982-1983	12
Saratoga	5.3L 5302 CC 324 CID L-HEAD 16V L8	1950	74
Saratoga	6.3L 6274 CC 383 CID OHV 16V V8	1959	86
Saratoga	6.3L 6286 CC 383 CID OHV 16V V8	1959-1960	86
Satellite	3.7L 3687 CC 225 CID OHV 12V L6	1965-1974	35
Satellite	4.5L 4473 CC 273 CID OHV 16V V8	1965-1968	62
Satellite	5.2L 5212 CC 318 CID OHV 16V V8	1965-1969	62
Satellite	5.2L 5212 CC 318 CID OHV 16V V8	1966-1974	68
Satellite	5.6L 5572 CC 340 CID OHV 16V V8	1968-1973	75
Satellite	5.9L 5899 CC 360 CID OHV 16V V8	1971-1974	84

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MODEL	ENGINE	YEAR	BLOCK
Satellite	5.9L 5899 CC 360 CID OHV 16V V8	1974	83
Satellite	5.9L 5900 CC 360 CID OHV 16V V8	1974	83
Satellite	5.9L 5900 CC 360 CID OHV 16V V8	1974	84
Satellite	5.9L 5917 CC 361 CID OHV 16V V8	1965-1966	80
Satellite	6.3L 6286 CC 383 CID OHV 16V V8	1965-1966	81
Satellite	6.3L 6286 CC 383 CID OHV 16V V8	1966-1971	87
Satellite	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	81
Satellite	6.6L 6556 CC 400 CID OHV 16V V8	1972-1974	81
Satellite	7.0L 6981 CC 426 CID OHV 16V V8	1965	89
Satellite	7.0L 6981 CC 426 CID OHV 16V V8	1966-1967	91
Satellite	7.2L 7211 CC 440 CID OHV 16V V8	1966-1967	93
Satellite	7.2L 7211 CC 440 CID OHV 16V V8; Hi-Perf.	1966-1974	89
Satellite	7.2L 7211 CC 440 CID OHV 16V V8	1967	91
Satellite	7.2L 7212 CC 440 CID OHV 16V V8	1974	89
Savoy	3.6L 3570 CC 218 CID L-HEAD 12V L6	1953-1954	47
Savoy	3.7L 3687 CC 225 CID OHV 12V L6	1960-1963	35
Savoy	3.7L 3687 CC 225 CID OHV 12V L6	1964	36
Savoy	3.8L 3770 CC 230 CID L-HEAD 12V L6	1954-1959	47
Savoy	4.4L 4425 CC 270 CID OHV 16V V8	1956	61
Savoy	4.5L 4473 CC 273 CID OHV 16V V8	1964	63
Savoy	4.5L 4540 CC 277 CID OHV 16V V8	1956-1957	63
Savoy	4.9L 4933 CC 301 CID OHV 16V V8	1957	66
Savoy	5.0L 4966 CC 303 CID OHV 16V V8	1956	66
Savoy	5.1L 5130 CC 313 CID OHV 16V V8	1957-1958	67
Savoy	5.2L 5212 CC 318 CID OHV 16V V8	1958-1963	63
Savoy	5.2L 5212 CC 318 CID OHV 16V V8	1959-1961	62
Savoy	5.2L 5212 CC 318 CID OHV 16V V8	1964	69
Savoy	5.7L 5737 CC 350 CID OHV 16V V8	1958	81
Savoy	5.9L 5917 CC 361 CID OHV 16V V8	1959	80
Savoy	5.9L 5917 CC 361 CID OHV 16V V8	1960-1964	81
Savoy	6.3L 6286 CC 383 CID OHV 16V V8	1960	87
Savoy	6.3L 6286 CC 383 CID OHV 16V V8	1961-1964	81
Savoy	6.3L 6286 CC 383 CID OHV 16V V8	1962	80
Savoy	6.7L 6769 CC 413 CID OHV 16V V8	1961-1964	89
Savoy	7.0L 6981 CC 426 CID OHV 16V V8	1963	92
Savoy	7.0L 6981 CC 426 CID OHV 16V V8	1964	89
Scamp	2.2L 135 CID SOHC 8V L4	1983	18
Scamp	3.2L 3254 CC 198 CID OHV 12V L6	1971-1974	35
Scamp	3.7L 3687 CC 225 CID OHV 12V L6	1971-1974	35
Scamp	3.7L 3687 CC 225 CID OHV 12V L6	1975-1976	52
Scamp	5.2L 318 CID OHV 16V V8	1975-1976	71
Scamp	5.2L 5212 CC 318 CID OHV 16V V8	1971-1974	68
Sebring	2.4L 2351 CC SOHC 16V L4 MITSUBISHI	2001-2005	20
Sebring	2.0L 1996 CC 122 CID DOHC 16V L4	1995-1999	17
Sebring	2.0L 1997 CC 122 CID DOHC 16V L4	1996-1998	17
Sebring	2.4L 2360 CC 144 CID DOHC 16V L4; GEMA	2007-2010	21
Sebring	2.4L 2429 CC 148 CID DOHC 16V L4	1996-2006	25
Sebring	2.5L 2497 CC 152 CID SOHC 24V V6 MITSUBISHI	1995	32
Sebring	2.5L 2497 CC 152 CID SOHC 24V V6 MITSUBISHI	1996-2000	33
Sebring	2.7L 2700 CC 167 CID DOHC 24V V6	2001-2008	34



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MODEL	ENGINE	YEAR	BLOCK
Sebring	3.0L 2972 CC 181 CID SOHC 24V V6 MITSUBISHI	2001-2005	38
Sebring	3.5L 3497 CC 215 CID SOHC 24V V6	2007-2008	44
Sebring	3.5L 3497 CC 215 CID SOHC 24V V6	2009-2010	42
Special Deluxe	3.6L 218 CID L-HEAD 12V L6	1949-1950	47
Sport Wagon	3.7L 3687 CC 225 CID OHV 12V L6	1960-1961	35
Sport Wagon	5.2L 5212 CC 318 CID OHV 16V V8	1960-1961	62
Sport Wagon	5.9L 5917 CC 361 CID OHV 16V V8	1960-1961	81
Sport Wagon	6.3L 6286 CC 383 CID OHV 16V V8	1960	87
Sport Wagon	6.3L 6286 CC 383 CID OHV 16V V8	1961	81
Sport Wagon	6.7L 6769 CC 413 CID OHV 16V V8	1961	89
St Regis	5.8L 5802 CC 354 CID OHV 16V V8	1956	65
Suburban	3.6L 3570 CC 218 CID L-HEAD 12V L6	1949-1954	47
Suburban	3.7L 3687 CC 225 CID OHV 12V L6	1960-1961	35
Suburban	3.8L 3770 CC 230 CID L-HEAD 12V L6	1949-1959	47
Suburban	4.4L 4425 CC 270 CID OHV 16V V8	1956	61
Suburban	4.5L 4540 CC 277 CID OHV 16V V8	1956-1957	63
Suburban	4.9L 4933 CC 301 CID OHV 16V V8	1957	66
Suburban	5.0L 4966 CC 303 CID OHV 16V V8	1956	66
Suburban	5.1L 5130 CC 313 CID OHV 16V V8	1957-1958	67
Suburban	5.2L 5212 CC 318 CID OHV 16V V8	1958	63
Suburban	5.2L 5212 CC 318 CID OHV 16V V8	1959-1961	62
Suburban	5.7L 5737 CC 350 CID OHV 16V V8	1958	81
Suburban	5.9L 5917 CC 361 CID OHV 16V V8	1959	80
Suburban	5.9L 5917 CC 361 CID OHV 16V V8	1960-1961	81
Suburban	6.3L 6286 CC 383 CID OHV 16V V8	1960	87
Suburban	6.3L 6286 CC 383 CID OHV 16V V8	1961	81
Suburban	6.7L 6769 CC 413 CID OHV 16V V8	1961	89
Summit	2.4L 2351 CC SOHC 16V L4 MITSUBISHI	1992	19
Summit	2.4L 2351 CC SOHC 16V L4 MITSUBISHI	1993-1996	14
Summit	1.5L 1468 CC 90 CID SOHC 8V L4 MITSUBISHI	1989-1990	2
Summit	1.5L 1468 CC 90 CID SOHC 12V L4 MITSUBISHI	1991-1996	3
Summit	1.6L 1597 CC 98 CID DOHC 16V L4 MITSUBISHI	1989-1990	6
Summit	1.8L 1834 CC 112 CID SOHC 16V L4 MITSUBISHI	1992-1996	9
Sundance	2.2L 135 CID SOHC 8V L4	1987-1994	18
Sundance	2.5L 2507 CC 153 CID SOHC 8V L4	1988-1994	28
Sundance	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI	1992-1994	38
Superbird	7.0L 6981 CC 426 CID OHV 16V V8	1970	91
Superbird	7.2L 7211 CC 440 CID OHV 16V V8; Hi-Perf.	1970	89
Superbird	7.2L 7212 CC 440 CID OHV 16V V8	1970	89
Talon	1.8L 1755 CC 107 CID SOHC 8V L4 MITSUBISHI	1993-1994	8
Talon	2.0L 1997 CC 122 CID DOHC 16V L4 MITSUBISHI	1990-1992	15
Talon	2.0L 1997 CC 122 CID DOHC 16V L4 MITSUBISHI	1993-1998	14
Talon	2.0L 1997 CC 122 CID DOHC 16V L4	1995-1998	17
TC3	2.2L 135 CID SOHC 8V L4	1981-1982	18
TC Maserati	2.2L 135 CID SOHC 8V L4	1989	18
TC Maserati	2.2L 135 CID DOHC 16V L4	1989-1990	18
TC Maserati	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI	1990-1991	37
Town & Country	2.2L 135 CID SOHC 8V L4	1982-1988	18
Town & Country	2.5L 2507 CC 153 CID SOHC 8V L4	1986-1988	28
Town & Country	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1982	29

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MODEL	ENGINE	YEAR	BLOCK
Town & Country	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1983-1985	12
Town & Country	3.3L 3301 CC 201 CID OHV 12V V6	1990-2010	40
Town & Country	3.6L 3604 CC 220 CID DOHC 24V V6; Pentastar	2011-2016	49
Town & Country	3.6L 3605 CC 220 CID DOHC 24V V6 FIAT	2011-2012	48
Town & Country	3.7L 3687 CC 225 CID OHV 12V L6	1978-1979	51
Town & Country	3.7L 3687 CC 225 CID OHV 12V L6	1978-1980	52
Town & Country	3.7L 3687 CC 225 CID OHV 12V L6	1981	53
Town & Country	3.8L 230 CID OHV 12V V6	1994-2007	40
Town & Country	3.8L 230 CID OHV 12V V6	2008	56
Town & Country	3.8L 3778 CC 231 CID OHV 12V V6	2009-2010	40
Town & Country	3.8L 3800 CC 231 CID OHV 12V V6	2010	57
Town & Country	4.0L 3952 CC 241 CID SOHC 12V V6	2008-2009	58
Town & Country	4.0L 3952 CC 241 CID SOHC 24V V6	2008-2010	59
Town & Country	4.1L 4114 CC 251 CID L-HEAD 12V L6	1952	60
Town & Country	4.3L 4343 CC 265 CID L-HEAD 12V L6	1953-1954	60
Town & Country	4.9L 4933 CC 301 CID OHV 16V V8	1955	65
Town & Country	5.2L 318 CID OHV 16V V8	1978-1980	71
Town & Country	5.2L 318 CID OHV 16V V8	1979-1981	72
Town & Country	5.3L 5302 CC 324 CID L-HEAD 16V L8	1946	74
Town & Country	5.4L 5425 CC 331 CID OHV 16V V8	1951-1956	65
Town & Country	5.8L 5802 CC 354 CID OHV 16V V8	1956-1958	65
Town & Country	5.9L 360 CID OHV 16V V8	1978-1979	82
Town & Country	5.9L 5917 CC 361 CID OHV 16V V8	1961-1962	80
Town & Country	5.9L 5917 CC 361 CID OHV 16V V8	1963-1964	81
Town & Country	6.3L 6286 CC 383 CID OHV 16V V8	1959-1960	86
Town & Country	6.3L 6286 CC 383 CID OHV 16V V8	1961	80
Town & Country	6.3L 6286 CC 383 CID OHV 16V V8	1964-1966	81
Town & Country	6.3L 6286 CC 383 CID OHV 16V V8	1966-1971	87
Town & Country	6.6L 400 CID OHV 16V V8	1975-1977	81
Town & Country	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	81
Town & Country	6.6L 6556 CC 400 CID OHV 16V V8	1972	81
Town & Country	6.7L 6769 CC 413 CID OHV 16V V8	1959-1965	89
Town & Country	7.0L 6981 CC 426 CID OHV 16V V8	1963	92
Town & Country	7.2L 440 CID OHV 16V V8	1975-1977	89
Town & Country	7.2L 7211 CC 440 CID OHV 16V V8	1966-1969	93
Town & Country	7.2L 7211 CC 440 CID OHV 16V V8; Hi-Perf.	1966-1974	89
Town & Country	7.2L 7212 CC 440 CID OHV 16V V8	1970-1974	89
Trailduster	3.7L 3687 CC 225 CID OHV 12V L6	1974	35
Trailduster	3.7L 3687 CC 225 CID OHV 12V L6	1975-1977	54
Trailduster	3.7L 3687 CC 225 CID OHV 12V L6	1977	55
Trailduster	3.7L 3687 CC 225 CID OHV 12V L6	1978-1979	51
Trailduster	3.7L 3687 CC 225 CID OHV 12V L6	1979-1980	53
Trailduster	5.2L 5211 CC 318 CID OHV 16V V8	1975-1980	71
Trailduster	5.2L 5211 CC 318 CID OHV 16V V8	1979-1981	72
Trailduster	5.2L 5212 CC 318 CID OHV 16V V8	1974	68
Trailduster	5.2L 5212 CC 318 CID OHV 16V V8	1974	73
Trailduster	5.9L 360 CID OHV 16V V8	1975-1979	82
Trailduster	5.9L 360 CID OHV 16V V8	1979-1981	85
Trailduster	5.9L 5899 CC 360 CID OHV 16V V8	1974	83
Trailduster	5.9L 5900 CC 360 CID OHV 16V V8	1974	83



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MODEL	ENGINE	YEAR	BLOCK
Trailduster	6.6L 400 CID OHV 16V V8	1977-1978	81
Trailduster	7.2L 440 CID OHV 16V V8	1975-1978	89
Trailduster	7.2L 7211 CC 440 CID OHV 16V V8	1974	89
Trailduster	7.2L 7212 CC 440 CID OHV 16V V8	1974	89
Turismo	2.2L 135 CID SOHC 8V L4	1983-1987	18
Turismo 2.2	2.2L 135 CID SOHC 8V L4	1983-1986	18
Valiant	2.8L 2786 CC 170 CID OHV 12V L6	1960-1971	35
Valiant	2.8L 2786 CC 170 CID OHV 12V L6	1961-1963	36
Valiant	3.2L 3254 CC 198 CID OHV 12V L6	1970-1974	35
Valiant	3.7L 3687 CC 225 CID OHV 12V L6	1961-1964	36
Valiant	3.7L 3687 CC 225 CID OHV 12V L6	1961-1974	35
Valiant	3.7L 3687 CC 225 CID OHV 12V L6	1975-1976	52
Valiant	4.5L 4473 CC 273 CID OHV 16V V8	1964	63
Valiant	4.5L 4473 CC 273 CID OHV 16V V8	1965-1969	62
Valiant	5.2L 318 CID OHV 16V V8	1975-1976	71
Valiant	5.2L 5212 CC 318 CID OHV 16V V8	1968-1969	62
Valiant	5.2L 5212 CC 318 CID OHV 16V V8	1970-1974	68
Valiant	5.6L 5572 CC 340 CID OHV 16V V8	1968-1973	75
Valiant	5.9L 360 CID OHV 16V V8	1976	82
Valiant	5.9L 5899 CC 360 CID OHV 16V V8	1971-1974	84
VIP	5.2L 5212 CC 318 CID OHV 16V V8	1967	68
VIP	5.2L 5212 CC 318 CID OHV 16V V8	1967	62
VIP	6.3L 6286 CC 383 CID OHV 16V V8	1967	87
VIP	7.2L 7211 CC 440 CID OHV 16V V8	1967	93
VIP	7.2L 7211 CC 440 CID OHV 16V V8	1967	91
Vision	3.3L 3301 CC 201 CID OHV 12V V6	1993-1997	40
Vision	3.5L 3497 CC 215 CID SOHC 24V V6	1993-1997	46
Volare	3.7L 3687 CC 225 CID OHV 12V L6	1976-1980	52
Volare	3.7L 3687 CC 225 CID OHV 12V L6	1977-1980	51
Volare	5.2L 318 CID OHV 16V V8	1976-1980	71
Volare	5.2L 318 CID OHV 16V V8	1979	72
Volare	5.9L 360 CID OHV 16V V8	1976-1980	82
Voyager	2.2L 135 CID SOHC 8V L4	1984-1987	18
Voyager	2.4L 2429 CC 148 CID DOHC 16V L4	1996-2003	25
Voyager	2.5L 2507 CC 153 CID SOHC 8V L4	1987-1995	28
Voyager	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1984-1987	12
Voyager	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI	1987-2000	38
Voyager	3.3L 3301 CC 201 CID OHV 12V V6	1991-2007	40
Voyager	3.8L 230 CID OHV 12V V6	1999	40
Windsor	4.1L 4114 CC 251 CID L-HEAD 12V L6	1950-1951	60
Windsor	4.3L 4343 CC 265 CID L-HEAD 12V L6	1952-1954	60
Windsor	4.9L 4933 CC 301 CID OHV 16V V8	1955	65
Windsor	6.3L 6286 CC 383 CID OHV 16V V8	1959-1960	86
Windsor	6.3L 6286 CC 383 CID OHV 16V V8	1961	80

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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1.4L 1410 CC SOHC 8V L4 MITSUBISHI VIN Codes: '2' (1981-1983), 'A' (1984), 'J' (1980)			2.910"/74.0mm x 3.230"/82.0mm				1
	1.5L 1468 CC 90 CID SOHC 8V L4 MITSUBISHI VIN Codes: 'K' (1986, 1988), 'P' (1988)			2.970"/75.5mm x 3.230"/82.0mm				
Connecting Rod Bearing Pair (4)	AL-3	CB-1278AL-.25mm		1.6527/1.6535	0.0011/0.0035	0.0588	1.7717/1.7725	0.6940
NOTE: To 8/88								
Main Bearing Set 1-2-4-5	TM-1	MS-1668P	STD,.25mm	1.8890/1.8898	0.0011/0.0034	0.0783	2.0472/2.0480	0.7520
3		MB-3049P		1.8890/1.8898	0.0011/0.0034	0.0793	2.0472/2.0480	0.9430
		MB-3050P(F)						
2	1.5L 1468 CC 90 CID SOHC 8V L4 MITSUBISHI VIN Code: 'X' (1989-1990)			2.970"/75.5mm x 3.230"/82.0mm				2
Connecting Rod Bearing Pair (4)	AL-3	CB-1588AL	STD,.25mm,.50mm	1.6527/1.6535	0.0011/0.0035	0.0588	1.7717/1.7725	0.6100
Connecting Rod Bearing Pair (4)	AL-3	CB-1278AL-.25mm		1.6527/1.6535	0.0011/0.0035	0.0588	1.7717/1.7725	0.6940
For Year: 1989								
NOTE: To 8/88								
Main Bearing Set 1-2-4-5	TM-1	MS-1668P	STD,.25mm	1.8890/1.8898	0.0011/0.0034	0.0783	2.0472/2.0480	0.7520
3		MB-3049P		1.8890/1.8898	0.0011/0.0034	0.0793	2.0472/2.0480	0.9430
		MB-3050P(F)						
3	1.5L 1468 CC 90 CID SOHC 12V L4 MITSUBISHI 4G15 VIN Code: 'A' (1991-1996)			2.970"/75.5mm x 3.230"/82.0mm				3
Connecting Rod Bearing Pair (4)	AL-3	CB-1588AL	STD,.25mm,.50mm	1.6527/1.6535	0.0011/0.0035	0.0588	1.7717/1.7725	0.6100
Main Bearing Set 1-2-4-5	TM-1	MS-1668P	STD,.25mm	1.8890/1.8898	0.0011/0.0034	0.0783	2.0472/2.0480	0.7520
3		MB-3049P		1.8890/1.8898	0.0011/0.0034	0.0793	2.0472/2.0480	0.9430
		MB-3050P(F)						
4	1.6L 1597 CC 98 CID SOHC 8V L4 MITSUBISHI VIN Code: 'F' (1987-1988)			3.030"/76.9mm x 3.390"/86.0mm				4
	1.6L 1597 CC 98 CID DOHC 16V L4 MITSUBISHI VIN Codes: 'Y' (1990), 'Z' (1989)			3.030"/76.9mm x 3.390"/86.0mm				
	2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI VIN Code: 'D' (1984-1988)			3.350"/85.0mm x 3.460"/88.0mm				
Connecting Rod Bearing Pair (4)	AL-3	CB-1120A	STD,.25mm,.50mm,.75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Connecting Rod Bearing Set	AL-3	CB-1120A(4)	STD,.25mm,.50mm,.75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Main Bearing Set 1-2-4-5	AL-5	MS-2076A	STD,.25mm,.50mm	2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.9060
3		MB-2869A		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.1400
		MB-3572A(F)						
Main Bearing Set	AL-5	MS-2322AL25mm	STD					
NOTE: O/S Flange for MS2076A								
5	1.6L 1597 CC 98 CID SOHC 8V L4 MITSUBISHI VIN Codes: '3' (1981-1983), 'B' (1984), 'F' (1984-1986), 'K' (1976-1980)			3.030"/76.9mm x 3.390"/86.0mm				5
Connecting Rod Bearing Pair (4)	AL-3	CB-1120A	STD,.25mm,.50mm,.75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Connecting Rod Bearing Set	AL-3	CB-1120A(4)	STD,.25mm,.50mm,.75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
5 (cont.)	1.6L 1597 CC 98 CID SOHC 8V L4 MITSUBISHI VIN Codes: '3' (1981-1983), 'B' (1984), 'F' (1984-1986), 'K' (1976-1980)			3.030"/76.9mm x 3.390"/86.0mm				5 (cont.)
Main Bearing Set 1-2-4-5 3	AL-5	MS-2076A MB-2869A MB-3572A(F)	STD, .25mm, .50mm	2.2435/2.2441 2.2435/2.2441	0.0008/0.0032 0.0008/0.0032	0.0783 0.0783	2.4016/2.4024 2.4016/2.4024	0.9060 1.1400
Main Bearing Set	AL-5	MS-2322AL25mm	STD					
NOTE: O/S Flange for MS2076A								
Balance Shaft Bearing Set "RH" "RH"	AL-3	SH-1465S SH-1465 SH-1466	STD	1.5344 1.4164	0.0008/0.0030 0.0017/0.0039	0.0593 0.0589	1.6545 1.5364	0.7580 0.6300
For Years: 1980 - 1984								
6	1.6L 1597 CC 98 CID DOHC 16V L4 MITSUBISHI VIN Code: 'Y' (1989-1990)			3.240"/82.3mm x 2.950"/75.0mm				6
Connecting Rod Bearing Pair (4)	AL-3	CB-1120A	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Connecting Rod Bearing Set	AL-3	CB-1120A(4)	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Main Bearing Set 1-2-4-5 3	AL-5	MS-2076A MB-2869A MB-3572A(F)	STD, .25mm, .50mm	2.2435/2.2441 2.2435/2.2441	0.0008/0.0032 0.0008/0.0032	0.0783 0.0783	2.4016/2.4024 2.4016/2.4024	0.9060 1.1400
For Year: 1990								
Balance Shaft Bearing Set "RH" "RH"	AL-3	SH-1465S SH-1465 SH-1466	STD	1.5344 1.4164	0.0008/0.0030 0.0017/0.0039	0.0593 0.0589	1.6545 1.5364	0.7580 0.6300
7	1.7L 105 CID SOHC 8V L4 VW VIN Code: 'A' (1978-1982)			3.130"/79.5mm x 3.400"/86.4mm				7
Connecting Rod Bearing Pair (4)	AL-5	CB-1017A	STD, .25mm, .50mm, .75mm	1.8087/1.8094	0.0016/0.0040	0.0593	1.9291/1.9298	0.7480
Connecting Rod Bearing Pair (4)	TM-77	CB-1017P	STD	1.8094	0.0016/0.0040	0.0593	1.9291/1.9298	0.7480
Connecting Rod Bearing Set	AL-5	CB-1017A(4)	STD, .25mm, .50mm, .75mm	1.8087/1.8094	0.0016/0.0040	0.0593	1.9291/1.9298	0.7480
Thrust Washer Set		TW-704S MB692WL MB692WU	STD	2.3300 2.3300			2.8800 2.8800	0.0790 0.0790
Camshaft Bearing Set 1 2	B-1	SH-1209S SH-1209 SH-1210	STD	1.6913/1.6919 1.6519/1.6525	0.0011/0.0039 0.0011/0.0033	0.0590 0.0590	1.8110/1.8120 1.7716/1.7726	0.5900 0.5900
8	1.8L 1754 CC 107 CID SOHC 8V L4 MITSUBISHI VIN Code: 'T' (1989-1990)			3.170"/80.5mm x 3.390"/86.1mm				8
	1.8L 1755 CC 107 CID SOHC 8V L4 MITSUBISHI VIN Codes: 'B' (1993-1994), 'T' (1990-1992)			3.170"/80.6mm x 3.390"/86.0mm				
Connecting Rod Bearing Pair (4)	AL-3	CB-1120A	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Connecting Rod Bearing Set	AL-3	CB-1120A(4)	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
8 (cont.)	1.8L 1754 CC 107 CID SOHC 8V L4 MITSUBISHI VIN Code: 'T' (1989-1990)			3.170"/80.5mm x 3.390"/86.1mm				8 (cont.)
	1.8L 1755 CC 107 CID SOHC 8V L4 MITSUBISHI VIN Codes: 'B' (1993-1994), 'T' (1990-1992)			3.170"/80.6mm x 3.390"/86.0mm				
Main Bearing Set 1-2-4-5 3	AL-5	MS-2076A MB-2869A MB-3572A(F)	STD, .25mm, .50mm	2.2435/2.2441 2.2435/2.2441	0.0008/0.0032 0.0008/0.0032	0.0783 0.0783	2.4016/2.4024 2.4016/2.4024	0.9060 1.1400
9	1.8L 1834 CC 112 CID SOHC 16V L4 MITSUBISHI VIN Codes: 'C' (1993-1996), 'D' (1992)			3.190"/81.0mm x 3.500"/88.8mm				9
Connecting Rod Bearing Pair (4)	AL-3	CB-1782AL	STD, .25mm, .50mm	44.9809/45.001 2	0.0008/0.0034	0.0588	1.8896/1.8904	0.6614
Main Bearing Set 1-2-3-4-5	AL-3	MS-2213AL MB-3767AL	STD	1.9679/1.9685	0.0008/0.0031	0.0785	2.1260/2.1267	0.7531
10	2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI VIN Code: 'U' (1979-1980)			3.300"/84.0mm x 3.540"/90.0mm				10
Connecting Rod Bearing Pair (4)	AL-3	CB-1120A	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Connecting Rod Bearing Set	AL-3	CB-1120A(4)	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Main Bearing Set	AL-3	MS-1945A MB-3053AL	STD, .25mm, .50mm	2.3614/2.3622	0.0011/0.0037	0.0783	2.5197/2.5205	0.9890
Auxiliary Shaft Bearing Set Left/Right Rear Left Front	AL-3	SH-1429S SH-1429 SH-1760	STD	1.6933/1.6939 0.9039/0.9047	0.0013/0.0037 0.0008/0.0034	0.0585 0.0593	1.8122/1.8130 1.0236/1.0244	0.7950 0.7090
11	2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI VIN Code: '5' (1981-1982)			3.300"/84.0mm x 3.540"/90.0mm				11
Connecting Rod Bearing Pair (4)	AL-3	CB-1220A	STD, .25mm, .50mm, .75mm, 1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
Connecting Rod Bearing Set	AL-3	CB-1220A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
12	2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI VIN Code: 'U' (1976-1978)			3.310"/84.1mm x 3.540"/89.9mm				12
	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI VIN Codes: '7' (1981-1983), 'G' (1983-1987), 'H' (1984-1987), 'N' (1985-1989), 'W' (1979-1980)			3.590"/91.1mm x 3.860"/98.0mm				
Connecting Rod Bearing Pair (4)	AL-3	CB-1220A	STD, .25mm, .50mm, .75mm, 1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
Connecting Rod Bearing Set For Years: 1976 - 1987	AL-3	CB-1220A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
Main Bearing Set For Years: 1978 - 1989	AL-3	MS-1945A MB-3053AL	STD, .25mm, .50mm	2.3614/2.3622	0.0011/0.0037	0.0783	2.5197/2.5205	0.9890
Auxiliary Shaft Bearing Set Left/Right Rear Left Front For Years: 1976 - 1987	AL-3	SH-1429S SH-1429 SH-1760	STD	1.6933/1.6939 0.9039/0.9047	0.0013/0.0037 0.0008/0.0034	0.0585 0.0593	1.8122/1.8130 1.0236/1.0244	0.7950 0.7090



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
13	2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI VIN Code: 'V' (1989-1991)			3.350"/85.0mm x 3.460"/88.0mm				13
Connecting Rod Bearing Pair (4) For Year: 1989	AL-3	CB-1120A	STD,.25mm,.50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Connecting Rod Bearing Pair (4) For Years: 1990 - 1991	TM-77	CB-1643P	STD,.25mm,.50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010
Connecting Rod Bearing Set For Year: 1989	AL-3	CB-1120A(4)	STD,.25mm,.50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Main Bearing Set 1-2-4-5 3 NOTE: Thru 3/92	AL-5	MS-2076A MB-2869A MB-3572A(F)	STD,.25mm,.50mm	2.2435/2.2441 2.2435/2.2441	0.0008/0.0032 0.0008/0.0032	0.0783	2.4016/2.4024	0.9060 1.1400
Main Bearing Set NOTE: O/S Flange for MS2076A	AL-5	MS-2322AL25mm	STD					
14	2.0L 1997 CC 122 CID DOHC 16V L4 MITSUBISHI EBG VIN Codes: 'E' (1993-1994), 'F' (1998) 2.4L 2351 CC SOHC 8V L4 MITSUBISHI VIN Code: 'G' (1993-1994) 2.4L 2351 CC SOHC 16V L4 MITSUBISHI VIN Code: 'G' (1993-1996)			3.340"/85.0mm x 3.460"/88.0mm				14
Connecting Rod Bearing Pair (4)	TM-77	CB-1643P	STD,.25mm,.50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010
Main Bearing Set 1-2-4-5 3	TM-1	MS-2039P MB-3504P MB-3505P(F)	STD,.25mm,.50mm	2.2435/2.2441 2.2435/2.2441	0.0008/0.0032 0.0008/0.0032	0.0783	2.4016/2.4024	0.8050 1.0040
Balance Shaft Bearing Set "LH "RH "RH	AL-3	SH-1469S SH-1468 SH-1467 SH-1469	STD	1.6129 1.6526 1.6129	0.0010/0.0031 0.0010/0.0031 0.0010/0.0031	0.0589	1.7333 1.7726 1.7333	0.8268 0.7480 0.8268
15	2.0L 1997 CC 122 CID DOHC 16V L4 MITSUBISHI VIN Codes: 'R' (1990-1992), 'U' (1990-1992) 2.4L 2351 CC SOHC 8V L4 MITSUBISHI VIN Code: 'W' (1992)			3.340"/85.0mm x 3.460"/88.0mm				15
Connecting Rod Bearing Pair (4) NOTE: Thru 3/92	AL-3	CB-1120A	STD,.25mm,.50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Connecting Rod Bearing Pair (4) For Year: 1992 NOTE: From 4/92	TM-77	CB-1643P	STD,.25mm,.50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010
Connecting Rod Bearing Set NOTE: Thru 3/92	AL-3	CB-1120A(4)	STD,.25mm,.50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Main Bearing Set 1-2-4-5 3 NOTE: Thru 3/92	AL-5	MS-2076A MB-2869A MB-3572A(F)	STD,.25mm,.50mm	2.2435/2.2441 2.2435/2.2441	0.0008/0.0032 0.0008/0.0032	0.0783	2.4016/2.4024	0.9060 1.1400



CHRYSLER

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
4 CYL (cont.)									
15 (cont.)	2.0L 1997 CC 122 CID DOHC 16V L4 MITSUBISHI VIN Codes: 'R' (1990-1992), 'U' (1990-1992)			3.340"/85.0mm x 3.460"/88.0mm					15 (cont.)
	2.4L 2351 CC SOHC 8V L4 MITSUBISHI VIN Code: 'W' (1992)			3.410"/86.5mm x 3.940"/100.0mm					
Main Bearing Set AL-5 MS-2322AL25mm STD NOTE: Thru 3/92, O/S Flange for MS2076A									
Main Bearing Set TM-1 MS-2039P STD,.25mm,.50mm									
1-2-4-5		MB-3504P		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.8050	
3		MB-3505P(F)		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.0040	
NOTE: From 4/92									
Balance Shaft Bearing Set AL-3 SH-1469S STD									
"LH		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268	
"RH		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480	
"RH		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268	
16	2.0L 1997 CC 122 CID DOHC 16V L4 MITSUBISHI VIN Code: 'F' (1993-1994)			3.340"/85.0mm x 3.460"/88.0mm					16
Connecting Rod Bearing Pair (4) TM-77 CB-1643P STD,.25mm,.50mm				1.7710/1.7717 0.0006/0.0030 0.0588 1.8897/1.8905 0.8010					
Main Bearing Set TM-1 MS-2039P STD,.25mm,.50mm									
1-2-4-5		MB-3504P		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.8050	
3		MB-3505P(F)		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.0040	
17	2.0L 1997 CC 122 CID DOHC 16V L4 CHRYSLER ECF VIN Code: 'Y' (1996-1998)			3.440"/87.5mm x 3.270"/83.0mm					17
	2.0L 1996 CC 122 CID DOHC 16V L4 CHRYSLER ECC VIN Code: 'Y' (1995, 1999)			3.450"/87.5mm x 3.270"/83.0mm					
	2.0L 1996 CC 122 CID SOHC 16V L4 CHRYSLER ECB VIN Code: 'C' (1996-1998)			3.450"/87.5mm x 3.270"/83.0mm					
Connecting Rod Bearing Pair (4) AL-3 CB-1635A STD,.25mm,.50mm,.75mm				1.8894/1.8900 0.0010/0.0023 0.0584 2.0075/2.0081 0.8060					
For Years: 1995 - 2001									
Connecting Rod Bearing Set AL-3 CB-1635A(4) STD,.25mm,.50mm,.75mm				1.8894/1.8900 0.0010/0.0023 0.0584 2.0075/2.0081 0.8060					
For Years: 1995 - 2001									
Main Bearing Set AL-5 MS-2028A STD,.25mm,.50mm									
1-2-4-5		MB-4001A		2.0470/2.0480	0.0010/0.0024	0.0782	2.2050/2.2050	0.7860	
3		MB-4000A(F)		2.0469/2.0475	0.0008/0.0024	0.0784	2.2046/2.2050	1.0340	
NOTE: Bearing Caps May Require Notching									

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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				4 CYL (cont.)					
18	2.2L 2212 CC 135 CID SOHC 8V L4 CHRYSLER VIN Code: 'E' (1987-1988)			3.440"/87.4mm x 3.620"/92.0mm					18
	2.2L 135 CID SOHC 8V L4 CHRYSLER VIN Codes: 'A' (1987-1989), 'C' (1990), 'D' (1984-1994), 'E' (1984-1988)			3.440"/87.4mm x 3.620"/92.0mm					
	2.2L 135 CID SOHC 8V L4 CHRYSLER VIN Codes: 'B' (1981-1982), 'C' (1984-1986), 'D' (1984, 1987-1988), 'E' (1984), 'P' (1989)			3.440"/87.5mm x 3.620"/92.0mm					
	2.2L 135 CID SOHC 8V L4 CHRYSLER; HO VIN Code: '8' (1984-1986)			3.440"/87.5mm x 3.620"/92.0mm					
	2.2L 135 CID DOHC 16V L4 CHRYSLER VIN Code: 'R' (1989-1990)			3.440"/87.5mm x 3.620"/92.0mm					
Connecting Rod Bearing Pair (4)	TM-77	CB-1269P	STD,.25mm,.50mm	1.9687	0.0034	0.0584	2.0869	0.7930	
Connecting Rod Bearing Set	AL-5	CB-1269A(4)	STD,	1.9677/1.9687	0.0008/0.0034	0.0584	2.0863/2.0869	0.7930	
Connecting Rod Bearing Set	TM-77	CB-1269P(4)	STD,.25mm,.50mm	1.9677/1.9687	0.0008/0.0034	0.0584	2.0863/2.0869	0.7930	
Main Bearing Set	AL-5	MS-1533A	STD,.25mm,.50mm,.75mm						
1-2-4-5		MB-2863A		2.3617/2.3627	0.0008/0.0033	0.0781	2.5194/2.5202	0.8510	
3		MB-2864A(F)		2.3617/2.3627	0.0008/0.0033	0.0781	2.5194/2.5202	1.0970	
Main Bearing Set	TM-77	MS-1533P	STD,.25mm						
1-2-4-5		MB-2863P		2.3617/2.3627	0.0008/0.0033	0.0781	2.5194/2.5202	0.8510	
3		MB-2864P(F)		2.3617/2.3627	0.0008/0.0033	0.0781	2.5194/2.5202	1.0970	
19	2.4L 2351 CC SOHC 16V L4 MITSUBISHI VIN Code: 'W' (1992)			3.410"/86.5mm x 3.940"/100.0mm					19
Connecting Rod Bearing Pair (4)	AL-3	CB-1120A	STD,.25mm,.50mm,.75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250	
NOTE: Thru 3/92									
Connecting Rod Bearing Pair (4)	TM-77	CB-1643P	STD,.25mm,.50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010	
NOTE: From 4/92									
Connecting Rod Bearing Set	AL-3	CB-1120A(4)	STD,.25mm,.50mm,.75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250	
NOTE: Thru 3/92									
Main Bearing Set	TM-1	MS-2039P	STD,.25mm,.50mm						
1-2-4-5		MB-3504P		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.8050	
3		MB-3505P(F)		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.0040	
NOTE: From 4/92									
Balance Shaft Bearing Set	AL-3	SH-1469S	STD						
"LH		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268	
"RH		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480	
"RH		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268	
20	2.4L 2351 CC SOHC 16V L4 MITSUBISHI VIN Code: 'G' (2001-2005)			3.410"/86.5mm x 3.940"/100.0mm					20
Connecting Rod Bearing Pair (4)	TM-77	CB-1643P	STD,.25mm,.50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010	



CHRYSLER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
20 (cont.)	2.4L 2351 CC SOHC 16V L4 MITSUBISHI VIN Code: 'G' (2001-2005)			3.410"/86.5mm x 3.940"/100.0mm				20 (cont.)
Main Bearing Set 1-2-3-4-5	TM-1	MS-2261P MB-3504P	STD,.25mm	2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.8050
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-677S								
Thrust Washer Set		TW-677S MB-3854W	STD	2.4842/2.4941			3.1693/3.1791	0.0830
NOTE: Position Number 3, Use With Part Number MS-2261								
Balance Shaft Bearing Set	AL-3	SH-1469S	STD					
"LH		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
"RH		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480
"RH		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
21	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER ED3; GEMA VIN Codes: 'B' (2009-2014), 'K' (2007-2008)			3.460"/88.0mm x 3.820"/97.0mm				21
	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER EDG; PZEV VIN Codes: 'B' (2009-2014), 'J' (2008)			3.460"/88.0mm x 3.820"/97.0mm				
Connecting Rod Bearing Pair (4)	AL-5	CB-1909A	STD,.25mm,.50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
Connecting Rod Bearing Set	AL-5	CB-1909A(4)	STD,.25mm,.50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
Main Bearing Set 1-2-3-4-5	AL-5	MS-2299A MB-3946A	STD,.25mm,.50mm	2.0461/2.0467	0.0006/0.0025	0.0787	2.2047/2.2054	0.7150
For Years: 2007 - 2013 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-694S								
Camshaft Bearing For Years: 2007 - 2011	B-1	SH-2163	STD					
22	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER ED3; GEMA VIN Code: 'B' (2013)			3.460"/88.0mm x 3.820"/97.0mm				22
	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER EDG; PZEV VIN Code: 'B' (2013)			3.460"/88.0mm x 3.820"/97.0mm				
Main Bearing Set 1-2-3-4-5	AL-5	MS-2299A MB-3946A	STD,.25mm,.50mm	2.0461/2.0467	0.0006/0.0025	0.0787	2.2047/2.2054	0.7150
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-694S								
23	2.4L 2360 CC 144 CID DOHC 16V L4 FIAT ED3 (2014)			3.460"/88.0mm x 3.820"/97.0mm				23
Connecting Rod Bearing Pair (4)	AL-5	CB-1909A	STD,.25mm,.50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
Connecting Rod Bearing Set	AL-5	CB-1909A(4)	STD,.25mm,.50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
24	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER ED3 (2009)			3.460"/88.0mm x 3.820"/97.0mm				24
	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER ED3; GEMA (2008-2009)			3.460"/88.0mm x 3.820"/97.0mm				
Main Bearing Set 1-2-3-4-5	AL-5	MS-2299A MB-3946A	STD,.25mm,.50mm	2.0461/2.0467	0.0006/0.0025	0.0787	2.2047/2.2054	0.7150
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-694S								
Camshaft Bearing	B-1	SH-2163	STD					



CHRYSLER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
25	2.4L 2429 CC 148 CID DOHC 16V L4 CHRYSLER VIN Codes: '8' (2004-2009), 'B' (1996-2008), 'E' (2005-2008), 'G' (2003-2007), 'S' (2005-2007)			3.440"/87.4mm x 3.980"/101.0mm				25
	2.4L 2429 CC 148 CID DOHC 16V L4 CHRYSLER EDZ VIN Codes: '9' (2009-2010), 'J' (2004-2005), 'X' (1995-2008)			3.440"/87.5mm x 3.980"/101.0mm				
Connecting Rod Bearing Pair (4)	AL-5	CB-1813A	STD,.25mm,.50mm,.75mm	1.9677/1.9687	0.0008/0.0034	0.0584	2.0863/2.0869	0.7930
Connecting Rod Bearing Pair (4) For Years: 1995 - 2009 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1817A-.25mm	.50mm	1.9677/1.9687	0.0008/0.0034	0.0594	2.0883/2.0889	0.7930
Connecting Rod Bearing Set	AL-5	CB-1813A(4)	STD,.25mm,.50mm,.75mm	1.9677/1.9687	0.0008/0.0034	0.0584	2.0863/2.0869	0.7930
Connecting Rod Bearing Set For Years: 1995 - 2009 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1817A-.25mm(4)	.50mm	1.9677/1.9687	0.0008/0.0034	0.0594	2.0883/2.0889	0.7930
Main Bearing Set 1-2-4-5 3	AL-5	MS-2279A MB-3594A MB-3907A(F)	STD,.25mm,.50mm	2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	0.8510 1.0970
Main Bearing Set 1-2-4-5 3 For Years: 1996 - 2010	TM-77	MS-2279P MB-3594P MB-3907P(F)	STD,.25mm,.50mm	2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	0.8510 1.0970
26	2.4L 2429 CC 148 CID DOHC 16V L4 CHRYSLER EDZ (1999-2009)			3.440"/87.5mm x 3.980"/101.0mm				26
Main Bearing Set 1-2-4-5 3	AL-5	MS-2279A MB-3594A MB-3907A(F)	STD,.25mm,.50mm	2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	0.8510 1.0970
Main Bearing Set 1-2-4-5 3	TM-77	MS-2279P MB-3594P MB-3907P(F)	STD,.25mm,.50mm	2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	0.8510 1.0970
27	2.5L 150 CID OHV 8V L4 AMC VIN Codes: 'H' (1989), 'Z' (1988)			3.880"/98.5mm x 3.190"/81.0mm				27
Connecting Rod Bearing Pair (4)	AL-5	CB-960A	STD,10,20,30,40	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Pair (4)	TM-77	CB-960P-1		2.0948/2.0955	0.0007/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Set	AL-5	CB-960A(4)	STD,10,20,30	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Main Bearing Set 1-3-4-5 2		MS-1568P MB3974PU MB-2263P MB-2264P(F)	STD,10,20,30	2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	0.9860 1.2700
Camshaft Bearing Set 1 2 3 4	B-1	SH-1980S SH-1980 SH-550 SH-551 SH-552	STD	2.0295/2.0305	0.0010/0.0050	0.0620	2.1555/2.1565	0.6950 0.7050 0.7050 0.7050



CHRYSLER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
28	2.5L 2507 CC 153 CID SOHC 8V L4 CHRYSLER VIN Codes: 'J' (1989-1992), 'K' (1986-1995), 'V' (1993-1994)			3.440"/87.4mm x 4.090"/103.9mm				28
Connecting Rod Bearing Pair (4)	TM-77	CB-1269P	STD, .25mm, .50mm	1.9687	0.0034	0.0584	2.0869	0.7930
Connecting Rod Bearing Set	AL-5	CB-1269A(4)	STD,	1.9677/1.9687	0.0008/0.0034	0.0584	2.0863/2.0869	0.7930
Connecting Rod Bearing Set	TM-77	CB-1269P(4)	STD, .25mm, .50mm	1.9677/1.9687	0.0008/0.0034	0.0584	2.0863/2.0869	0.7930
Main Bearing Set	AL-5	MS-1533A	STD, .25mm, .50mm, .75mm					
1-2-4-5		MB-2863A		2.3617/2.3627	0.0008/0.0033	0.0781	2.5194/2.5202	0.8510
3		MB-2864A(F)		2.3617/2.3627	0.0008/0.0033	0.0781	2.5194/2.5202	1.0970
Main Bearing Set	TM-77	MS-1533P	STD, .25mm					
1-2-4-5		MB-2863P		2.3617/2.3627	0.0008/0.0033	0.0781	2.5194/2.5202	0.8510
3		MB-2864P(F)		2.3617/2.3627	0.0008/0.0033	0.0781	2.5194/2.5202	1.0970
Camshaft Bearing Set (2)	B-1	SH-1403S	STD					
NOTE: Requires Boring								
29	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI VIN Codes: 'D' (1981-1982), 'F' (1979-1980)			3.590"/91.1mm x 3.860"/98.0mm				29
Connecting Rod Bearing Pair (4)	AL-3	CB-1220A	STD, .25mm, .50mm, .75mm, 1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
Connecting Rod Bearing Set	AL-3	CB-1220A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
Main Bearing Set	AL-3	MS-1945A	STD, .25mm, .50mm					
		MB-3053AL		2.3614/2.3622	0.0011/0.0037	0.0783	2.5197/2.5205	0.9890
30	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI VIN Code: '7' (1981)			3.590"/91.1mm x 3.860"/98.0mm				30
Connecting Rod Bearing Pair (4)	AL-3	CB-1220A	STD, 1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
Main Bearing Set	AL-3	MS-1945A	STD, .25mm, .50mm					
		MB-3053AL		2.3614/2.3622	0.0011/0.0037	0.0783	2.5197/2.5205	0.9890
6 CYL								
31	2.5L 2497 CC 152 CID SOHC 24V V6 CHRYSLER (1999-2000)			3.290"/83.5mm x 2.990"/76.0mm				31
	2.5L 2497 CC 152 CID SOHC 24V V6 MITSUBISHI (1996-2000)			3.290"/83.5mm x 2.990"/76.0mm				
Main Bearing Set	TM-1	MS-2239P	STD					
1-2-3-4		MB-3813P		2.3614/2.3622	0.0008/0.0034	0.0783	2.5197/2.5205	0.7140
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-458S								
32	2.5L 2497 CC 152 CID SOHC 24V V6 MITSUBISHI VIN Code: 'N' (1995)			3.290"/83.5mm x 2.990"/76.0mm				32
Connecting Rod Bearing Pair (6)	AL-5	CB-1411A	STD, .25mm, .50mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120
Connecting Rod Bearing Set	AL-5	CB-1411A(6)	STD, .25mm, .50mm, .75mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120
Main Bearing Set	TM-1	MS-2239P	STD					
1-2-3-4		MB-3813P		2.3614/2.3622	0.0008/0.0034	0.0783	2.5197/2.5205	0.7140
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-458S								



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COUNTER DATA					SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
					6 CYL (cont.)				
33	2.5L 2497 CC 152 CID SOHC 24V V6 MITSUBISHI EEB			3.290"/83.5mm x 2.990"/76.0mm					33
VIN Codes: 'H' (1995-2000), 'N' (1996-2000)									
Connecting Rod Bearing Pair (6)	AL-5	CB-1411A	STD,.25mm,.50mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120	
Connecting Rod Bearing Set	AL-5	CB-1411A(6)	STD,.25mm,.50mm,.75mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120	
Main Bearing Set 1-2-3-4	TM-1	MS-2239P MB-3813P	STD	2.3614/2.3622	0.0008/0.0034	0.0783	2.5197/2.5205	0.7140	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-458S									
Thrust Washer Set	TM-77	TW-458S MB-3108W(L) MB-3108W(U)	STD	2.5984/2.6083 2.5984/2.6083			3.0492/3.0594 3.0492/3.0594	0.0778 0.0778	
34	2.7L 2700 CC 167 CID DOHC 24V V6 CHRYSLER EER; Magnum			3.380"/86.0mm x 3.090"/78.5mm					34
VIN Code: 'D' (2010)									
2.7L 2700 CC 167 CID DOHC 24V V6 CHRYSLER EER									
VIN Codes: 'R' (1998-2008), 'T' (2003-2006), 'U' (2001)									
Connecting Rod Bearing Pair (6)	AL-5	CB-1670A	STD,.25mm,.50mm,.75mm	2.1059/2.1067	0.0006/0.0030	0.0584	2.2241/2.2247	0.6870	
Connecting Rod Bearing Pair (6)	AL-5	CB-1787A-.25mm	.50mm	2.1059/2.1067	0.0006/0.0030	0.0594	2.2261/2.2267	0.6870	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-1670A(6)	STD,.25mm,.50mm,.75mm	2.1059/2.1067	0.0006/0.0030	0.0584	2.2241/2.2247	0.6870	
Connecting Rod Bearing Set	AL-5	CB-1787A-.25mm(6)	.50mm	2.1059/2.1067	0.0006/0.0030	0.0594	2.2261/2.2267	0.6870	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set 1-2-3-4	AL-5	MS-2209A MB-3596A	STD,.25mm,.50mm,.75mm	2.4997/2.5004	0.0004/0.0029	0.1078	2.7161/2.7169	0.7370	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-606S									
Main Bearing Set 1-2-3-4	TM-77	MS-2209P MB-3596P	STD,.25mm,.50mm	2.4997/2.5004	0.0004/0.0029	0.1078	2.7161/2.7169	0.7370	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-606S									
Thrust Washer Set		TW-606S MB-3768W	STD	2.8160			3.5700	0.0806	
NOTE: Position Number 2 Use With Part Number MS-2209,MS-2210									
Piston Pin Bushing (6)	C-1	223-3654	STD	0.8750		0.0533	0.9432/0.9451		
NOTE: OE Replacement, Requires Light Reaming									



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
35	2.8L 2786 CC 170 CID OHV 12V L6 CHRYSLER A170, P17, R17, V17 VIN Code: 'A' (1966-1971)			3.410"/86.5mm x 3.130"/79.5mm			35	
	3.2L 3254 CC 198 CID OHV 12V L6 CHRYSLER VIN Code: 'B' (1970-1974)			3.410"/86.5mm x 3.640"/92.5mm				
	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER A225, P22, R22, S22, T22 VIN Codes: 'B' (1966-1969), 'C' (1966-1974), 'E' (1972)			3.410"/86.5mm x 4.130"/104.6mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-606A-10	20,30,40	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/2.3130	0.9900
NOTE: Forged Crankshaft								
Connecting Rod Bearing Pair (6)	TM-77	CB-606G	STD,10,20,30	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/2.3130	0.9900
NOTE: Forged Crankshaft, Full Annular Groove								
Connecting Rod Bearing Set	AL-5	CB-606A-10(6)	20,30,40	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/3.3130	0.9900
NOTE: Forged Crankshaft								
Camshaft Bearing Set	B-1	SH-874S	STD					
1		SH-874		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.9300
2		SH-403		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
3		SH-424		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.7600
4		SH-425		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
Piston Pin Bushing (6)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
NOTE: OE Replacement, Requires Light Reaming								
36	2.8L 2786 CC 170 CID OHV 12V L6 CHRYSLER R17, S17, T17 (1961-1963)			3.410"/86.5mm x 3.130"/79.5mm			36	
	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER R22, V22 (1961-1964)			3.410"/86.5mm x 4.130"/104.6mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-606A-10	20,30,40	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/2.3130	0.9900
NOTE: Forged Crankshaft								
Connecting Rod Bearing Pair (6)	TM-77	CB-606G	STD,10,20,30	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/2.3130	0.9900
NOTE: Forged Crankshaft, Full Annular Groove								
Connecting Rod Bearing Set	AL-5	CB-606A-10(6)	20,30,40	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/3.3130	0.9900
NOTE: Forged Crankshaft								
Camshaft Bearing Set	B-1	SH-874S	STD					
1		SH-874		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.9300
2		SH-403		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
3		SH-424		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.7600
4		SH-425		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
37	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI EFA VIN Codes: '3' (1992-1995, 2000), 'S' (1990-1991)			3.590"/91.1mm x 2.990"/76.0mm			37	
Connecting Rod Bearing Pair (6)	AL-5	CB-1411A	STD,.25mm,.50mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120
Connecting Rod Bearing Set	AL-5	CB-1411A(6)	STD,.25mm,.50mm,.75mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
37 (cont.)	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI EFA			3.590"/91.1mm x 2.990"/76.0mm				37 (cont.)
VIN Codes: '3' (1992-1995, 2000), 'S' (1990-1991)								
Main Bearing Set	AL-5	MS-2226A	STD,.25mm,.50mm, .75mm					
1-2-3-4		MB-3791A		2.3614/2.3622	0.0007/0.0034	0.0784	2.5197/2.5204	0.7210
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-458S								
Main Bearing Set	TM-77	MS-2226P	STD,.25mm,.50mm					
1-2-3-4		MB-3791P		2.3614/2.3622	0.0007/0.0034	0.0784	2.5197/2.5204	0.7120
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-458S								
38	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI			3.590"/91.1mm x 2.990"/76.0mm				38
VIN Code: '3' (1987-2000)								
	3.0L 2972 CC 181 CID SOHC 24V V6 MITSUBISHI			3.590"/91.1mm x 2.990"/76.0mm				
VIN Code: 'H' (2005)								
Connecting Rod Bearing Pair (6)	AL-5	CB-1411A	STD,.25mm,.50mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120
Connecting Rod Bearing Set	AL-5	CB-1411A(6)	STD,.25mm,.50mm, .75mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120
Main Bearing Set	AL-5	MS-2226A	STD,.25mm,.50mm, .75mm					
1-2-3-4		MB-3791A		2.3614/2.3622	0.0007/0.0034	0.0784	2.5197/2.5204	0.7210
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-458S								
Main Bearing Set	TM-77	MS-2226P	STD,.25mm,.50mm					
1-2-3-4		MB-3791P		2.3614/2.3622	0.0007/0.0034	0.0784	2.5197/2.5204	0.7120
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-458S								
Thrust Washer Set	TM-77	TW-458S	STD					
		MB-3108W(L)		2.5984/2.6083			3.0492/3.0594	0.0778
		MB-3108W(U)		2.5984/2.6083			3.0492/3.0594	0.0778
For Years: 1989 - 2005								
39	3.2L 3231 CC 197 CID SOHC 24V V6 CHRYSLER EGW			3.620"/92.0mm x 3.190"/81.0mm				39
VIN Code: 'J' (1998-2001)								
Connecting Rod Bearing Pair (6)	AL-5	CB-1669A	STD,.25mm,.50mm, .75mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
Connecting Rod Bearing Pair (6)	TM-77	CB-1669P	STD,.25mm,.50mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
Connecting Rod Bearing Pair (6)	TM-77	CB-1880P-.25mm	.50mm	2.2826/2.2837	0.0008/0.0034	0.0595	2.4033/2.4038	0.6840
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1669A(6)	STD,.25mm,.50mm, .75mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
Connecting Rod Bearing Set	TM-77	CB-1669P(6)	STD,.25mm,.50mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
Main Bearing Set	AL-5	MS-2210A	STD,.25mm,.50mm					
1-2-3-4		MB-3597A		2.5190/2.5200	0.0003/0.0033	0.0980	2.7160/2.7170	0.6900
NOTE: Requires Thrust Washer Set, Not Included, Use With Part number TW-606S								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
39 (cont.)	3.2L 3231 CC 197 CID SOHC 24V V6 CHRYSLER EGW VIN Code: 'J' (1998-2001)			3.620"/92.0mm x 3.190"/81.0mm				39 (cont.)
Main Bearing Set 1-2-3-4	TM-77	MS-2210P MB-3597P	STD, .25mm, .50mm	2.5190/2.5200	0.0003/0.0033	0.0980	2.7160/2.7170	0.6900
NOTE: Requires Thrust Washer Set, Not Included, Use With Part number TW-606S								
Thrust Washer Set		TW-606S MB-3768W	STD	2.8160			3.5700	0.0806
NOTE: Position Number 2 Use With Part Number MS-2209, MS-2210								
40	3.3L 3301 CC 201 CID OHV 12V V6 CHRYSLER EGM, EGV VIN Codes: '3' (2001-2003), 'E' (2009-2010), 'G' (1998-2001), 'H' (2008), 'J' (1994-1996), 'R' (1990-2007), 'T' (1993-1997), 'U' (1994-1995)			3.660"/93.0mm x 3.190"/81.0mm				40
	3.8L 230 CID OHV 12V V6 CHRYSLER VIN Code: 'L' (1991-1993, 2005)			3.780"/96.0mm x 3.420"/86.8mm				
	3.8L 3778 CC 231 CID OHV 12V V6 CHRYSLER VIN Code: '1' (2009-2010)			3.780"/96.0mm x 3.430"/87.0mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-1410A	STD, .25mm, .50mm, .75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
Connecting Rod Bearing Pair (6)	AL-5	CB-1887A-.25mm	.50mm, .75mm	2.2830/2.2840	0.0005/0.0022	0.0594	2.4033/2.4038	0.6510
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1410A(6)	STD, .25mm, .50mm, .75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
Connecting Rod Bearing Set	AL-5	CB-1887A-.25mm(6)	.50mm, .75mm	2.2830/2.2840	0.0005/0.0022	0.0594	2.4033/2.4038	0.6510
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set 1-3-4	AL-5	MS-1946A MB-3340A	STD, .25mm, .50mm, .75mm	2.5190/2.5200	0.0005/0.0020	0.0781	2.6769/2.6777	0.6940
2		MB-3107A(F)		2.5190/2.5200	0.0005/0.0020	0.0781	2.6769/2.6777	0.9400
Main Bearing Set 1-3-4	TM-77	MS-1946P MB-3340P	STD, .25mm	2.5192/2.5202	0.0005/0.0020	0.0781	2.6769/2.6777	0.6940
2		MB-3107P(F)		2.5192/2.5202	0.0005/0.0020	0.0781	2.6769/2.6777	0.9400
Camshaft Bearing Set 1	B-1	SH-1405S SH-1405	STD	1.9970/1.9990	0.0010/0.0040	0.0645	2.1295/2.1305	0.9400
2		SH-1406		1.9800/1.9820	0.0010/0.0040	0.0648	2.1135/2.1145	0.6200
3		SH-1407		1.9650/1.9670	0.0010/0.0040	0.0658	2.0985/2.0995	0.6200
4		SH-1408		1.9500/1.9520	0.0010/0.0040	0.0648	2.0825/2.0835	0.6200
41	3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER VIN Codes: '4' (2004-2006), 'K' (2002-2004)			3.780"/96.0mm x 3.190"/81.0mm				41
Connecting Rod Bearing Pair (6)	AL-5	CB-1669A	STD, .25mm, .50mm, .75mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
Connecting Rod Bearing Pair (6)	TM-77	CB-1669P	STD, .25mm, .50mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
Connecting Rod Bearing Pair (6)	TM-77	CB-1880P-.25mm	.50mm	2.2826/2.2837	0.0008/0.0034	0.0595	2.4033/2.4038	0.6840
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
41 (cont.)	3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER VIN Codes: '4' (2004-2006), 'K' (2002-2004)			3.780"/96.0mm x 3.190"/81.0mm				41 (cont.)
Connecting Rod Bearing Set	AL-5	CB-1669A(6)	STD,.25mm,.50mm,.75mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
Connecting Rod Bearing Set	TM-77	CB-1669P(6)	STD,.25mm,.50mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
Main Bearing Set 1-2-3-4	AL-5	MS-2210A MB-3597A	STD,.25mm,.50mm	2.5190/2.5200	0.0003/0.0033	0.0980	2.7160/2.7170	0.6900
NOTE: Requires Thrust Washer Set, Not Included, Use With Part number TW-606S								
Main Bearing Set 1-2-3-4	TM-77	MS-2210P MB-3597P	STD,.25mm,.50mm	2.5190/2.5200	0.0003/0.0033	0.0980	2.7160/2.7170	0.6900
NOTE: Requires Thrust Washer Set, Not Included, Use With Part number TW-606S								
Thrust Washer Set		TW-606S MB-3768W	STD	2.8160			3.5700	0.0806
NOTE: Position Number 2 Use With Part Number MS-2209,MS-2210								
Piston Pin Bushing (6)		223-3721	STD					
NOTE: OE Replacement, Requires Boring								
42	3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER VIN Codes: 'G' (1999-2008), 'V' (2000, 2009-2010)			3.780"/96.0mm x 3.190"/81.0mm				42
Connecting Rod Bearing Pair (6) For Years: 1999 - 2007	AL-5	CB-1669A	STD,.25mm,.50mm,.75mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
Connecting Rod Bearing Pair (6) For Years: 2007 - 2010 NOTE: With Oil Hole	AL-5	CB-1881A	STD,.25mm,.50mm,.75mm	2.2828/2.2835	0.0004/0.0022	0.0587	2.4013/2.4018	0.6850
Connecting Rod Bearing Pair (6) For Years: 1999 - 2007	TM-77	CB-1669P	STD,.25mm,.50mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
Connecting Rod Bearing Pair (6) For Years: 1999 - 2007 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	TM-77	CB-1880P-.25mm	.50mm	2.2826/2.2837	0.0008/0.0034	0.0595	2.4033/2.4038	0.6840
Connecting Rod Bearing Set For Years: 1999 - 2007	AL-5	CB-1669A(6)	STD,.25mm,.50mm,.75mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
Connecting Rod Bearing Set For Years: 2007 - 2010 NOTE: With Oil Hole	AL-5	CB-1881A(6)	STD,.25mm,.50mm,.75mm	2.2828/2.2835	0.0004/0.0022	0.0587	2.4013/2.4018	0.6850
Connecting Rod Bearing Set For Years: 1999 - 2007	TM-77	CB-1669P(6)	STD,.25mm,.50mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
Main Bearing Set 1-2-3-4 For Years: 1999 - 2009 NOTE: Requires Thrust Washer Set, Not Included, Use With Part number TW-606S	AL-5	MS-2210A MB-3597A	STD,.25mm,.50mm	2.5190/2.5200	0.0003/0.0033	0.0980	2.7160/2.7170	0.6900



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
42 (cont.)	3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER VIN Codes: 'G' (1999-2008), 'V' (2000, 2009-2010)			3.780"/96.0mm x 3.190"/81.0mm				42 (cont.)
Main Bearing Set 1-2-3-4	TM-77	MS-2210P MB-3597P	STD,.25mm,.50mm	2.5190/2.5200	0.0003/0.0033	0.0980	2.7160/2.7170	0.6900
NOTE: Requires Thrust Washer Set, Not Included, Use With Part number TW-606S								
Thrust Washer Set		TW-606S MB-3768W	STD	2.8160			3.5700	0.0806
For Years: 1999 - 2009 NOTE: Position Number 2 Use With Part Number MS-2209,MS-2210								
Piston Pin Bushing (6)		223-3721	STD					
NOTE: OE Replacement, Requires Boring								
43	3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER (1999)			3.780"/96.0mm x 3.190"/81.0mm				43
Connecting Rod Bearing Pair (6)	TM-77	CB-1669P	STD,.25mm,.50mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
Connecting Rod Bearing Set	TM-77	CB-1669P(6)	STD,.25mm,.50mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
Main Bearing Set 1-2-3-4	AL-5	MS-2210A MB-3597A	STD,.25mm,.50mm	2.5190/2.5200	0.0003/0.0033	0.0980	2.7160/2.7170	0.6900
NOTE: Requires Thrust Washer Set, Not Included, Use With Part number TW-606S								
Piston Pin Bushing (6)		223-3721	STD					
NOTE: OE Replacement, Requires Boring								
44	3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER VIN Code: 'M' (2002-2004, 2007-2008)			3.780"/96.0mm x 3.190"/81.0mm				44
Connecting Rod Bearing Pair (6)	AL-5	CB-1669A	STD,.25mm,.50mm, .75mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
For Years: 2002 - 2007								
Connecting Rod Bearing Pair (6)	AL-5	CB-1881A	STD,.25mm,.50mm, .75mm	2.2828/2.2835	0.0004/0.0022	0.0587	2.4013/2.4018	0.6850
For Years: 2007 - 2008 NOTE: With Oil Hole								
Connecting Rod Bearing Pair (6)	TM-77	CB-1669P	STD,.25mm,.50mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
For Years: 2002 - 2007								
Connecting Rod Bearing Pair (6)	TM-77	CB-1880P-.25mm	.50mm	2.2826/2.2837	0.0008/0.0034	0.0595	2.4033/2.4038	0.6840
For Years: 2002 - 2007 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1669A(6)	STD,.25mm,.50mm, .75mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
For Years: 2002 - 2007								
Connecting Rod Bearing Set	AL-5	CB-1881A(6)	STD,.25mm,.50mm, .75mm	2.2828/2.2835	0.0004/0.0022	0.0587	2.4013/2.4018	0.6850
For Years: 2007 - 2008 NOTE: With Oil Hole								
Connecting Rod Bearing Set	TM-77	CB-1669P(6)	STD,.25mm,.50mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
For Years: 2002 - 2007								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
44 (cont.)	3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER VIN Code: 'M' (2002-2004, 2007-2008)			3.780"/96.0mm x 3.190"/81.0mm				44 (cont.)
Main Bearing Set 1-2-3-4	AL-5	MS-2210A MB-3597A	STD,.25mm,.50mm	2.5190/2.5200	0.0003/0.0033	0.0980	2.7160/2.7170	0.6900
For Years: 2002 - 2007 NOTE: Requires Thrust Washer Set, Not Included, Use With Part number TW-606S								
Main Bearing Set 1-2-3-4	TM-77	MS-2210P MB-3597P	STD,.25mm,.50mm	2.5190/2.5200	0.0003/0.0033	0.0980	2.7160/2.7170	0.6900
NOTE: Requires Thrust Washer Set, Not Included, Use With Part number TW-606S								
Thrust Washer Set		TW-606S MB-3768W	STD	2.8160			3.5700	0.0806
NOTE: Position Number 2 Use With Part Number MS-2209,MS-2210								
45	3.5L 3518 CC 215 CID SOHC 24V V6 CHRYSLER (1998-2007)			3.780"/96.0mm x 3.190"/81.0mm				45
Main Bearing Set 1-2-3-4	AL-5	MS-2210A MB-3597A	STD,.25mm,.50mm	2.5190/2.5200	0.0003/0.0033	0.0980	2.7160/2.7170	0.6900
NOTE: Requires Thrust Washer Set, Not Included, Use With Part number TW-606S								
46	3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER VIN Code: 'F' (1993-1997)			3.780"/96.0mm x 3.190"/81.0mm				46
Connecting Rod Bearing Pair (6)	AL-5	CB-1410A	STD,.25mm,.50mm, .75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
Connecting Rod Bearing Pair (6)	AL-5	CB-1887A-.25mm	.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0594	2.4033/2.4038	0.6510
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1410A(6)	STD,.25mm,.50mm, .75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
Connecting Rod Bearing Set	AL-5	CB-1887A-.25mm(6)	.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0594	2.4033/2.4038	0.6510
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set 1-2-3-4	TM-77	MS-2210P MB-3597P	STD,.25mm,.50mm	2.5190/2.5200	0.0003/0.0033	0.0980	2.7160/2.7170	0.6900
For Years: 1994 - 1997 NOTE: Requires Thrust Washer Set, Not Included, Use With Part number TW-606S								
Piston Pin Bushing (6)		223-3721	STD					
NOTE: OE Replacement, Requires Boring								
47	3.6L 218 CID L-HEAD 12V L6 CHRYSLER (1949-1950)			3.250"/82.5mm x 4.380"/111.1mm				47
	3.6L 3570 CC 218 CID L-HEAD 12V L6 CHRYSLER (1942-1954)			3.250"/82.5mm x 4.380"/111.1mm				
	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER (1949-1959)			3.250"/82.5mm x 4.630"/117.5mm				
Connecting Rod Bearing Pair (6)	TM-77	CB-60G-10	20,30	2.0615/2.0625	0.0006/0.0027	0.0525	2.1675/2.1680	1.0050



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
47 (cont.)	3.6L 218 CID L-HEAD 12V L6 CHRYSLER (1949-1950)			3.250"/82.5mm x 4.380"/111.1mm				47 (cont.)
	3.6L 3570 CC 218 CID L-HEAD 12V L6 CHRYSLER (1942-1954)			3.250"/82.5mm x 4.380"/111.1mm				
	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER (1949-1959)			3.250"/82.5mm x 4.630"/117.5mm				
Camshaft Bearing Set								
	B-1	SH-23S	STD					
1		SH-23		1.9980/1.9990	0.0005/0.0040	0.0650	2.1290/2.1300	1.1010
2		SH-24		1.9665/1.9675	0.0010/0.0050	0.0650	2.0985/2.0995	0.8820
3		SH-25		1.9350/1.9360	0.0010/0.0050	0.0650	2.0670/2.0680	0.8820
For Years: 1950 - 1958								
Piston Pin Bushing (6)								
	B	223-3349	STD	0.0325 0.9130/0.9140				1.1250
For Years: 1950 - 1958								
NOTE: OE Replacement, Requires Light Reaming								
48	3.6L 3604 CC 220 CID DOHC 24V V6 CHRYSLER ERB; Pentastar VIN Code: 'G' (2015-2016)			3.780"/96.0mm x 3.270"/83.0mm				48
	3.6L 3605 CC 220 CID DOHC 24V V6 FIAT ERB (2011-2012)			3.780"/96.0mm x 3.270"/83.0mm				
Connecting Rod Bearing Set								
	AL-5	CB-1957A(6)	STD, .25mm	2.3225/2.3232	0.0002/0.0015	0.0624	2.4478/2.4482	0.7000
Main Bearing Set								
	AL-5	MS-2351A	STD, .25mm					
49	3.6L 3604 CC 220 CID DOHC 24V V6 CHRYSLER ERB; Pentastar VIN Code: 'G' (2011-2016)			3.780"/96.0mm x 3.270"/83.0mm				49
Connecting Rod Bearing Set								
	AL-5	CB-1957A(6)	STD, .25mm	2.3225/2.3232	0.0002/0.0015	0.0624	2.4478/2.4482	0.7000
Main Bearing Set								
	AL-5	MS-2351A	STD, .25mm					
Thrust Washer Set								
	AL-5	TW-723S	STD					
For Years: 2011 - 2012								
50	3.6L 3604 CC 220 CID DOHC 24V V6 CHRYSLER ERB; Pentastar VIN Code: 'G' (2015-2016)			3.780"/96.0mm x 3.270"/83.0mm				50
Main Bearing Set								
	AL-5	MS-2351A	STD, .25mm					
51	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER VIN Codes: 'B' (1978-1979), 'D' (1977-1980)			3.400"/86.4mm x 4.130"/104.6mm				51
Connecting Rod Bearing Pair (6)								
	AL-5	CB-1214A	STD, 10,20,30,40	2.1865/2.1875	0.0004/0.0029	0.0623	2.3125/2.3130	0.7200
NOTE: Cast Iron Crankshaft								
Connecting Rod Bearing Set								
	AL-5	CB-1214A(6)	STD,	2.1865/2.1875	0.0004/0.0029	0.0623	2.3125/2.3130	0.7200
NOTE: Cast Iron Crankshaft								
Main Bearing Set								
	TM-77	MS-1419AL-20	30					
1-2-4		MB-2731AL		2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	0.8820
3		MB-2732AL(F)		2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	1.1080
Camshaft Bearing Set								
	B-1	SH-874S	STD					
1		SH-874		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.9300
2		SH-403		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
3		SH-424		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.7600
4		SH-425		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
For Years: 1977 - 1978								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
51 (cont.)	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER VIN Codes: 'B' (1978-1979), 'D' (1977-1980)			3.400"/86.4mm x 4.130"/104.6mm				51 (cont.)
Camshaft Bearing Set	B-1	SH-1115S	STD					
1		SH-1115		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.7900
2		SH-1116		1.9820/1.9830	0.0025/0.0065	0.0640	2.1135/2.1145	0.6300
3		SH-1117		1.9670/1.9680	0.0025/0.0065	0.0640	2.0985/2.0995	0.6300
4		SH-425		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
For Years: 1979 - 1980								
Piston Pin Bushing (6)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
NOTE: OE Replacement, Requires Light Reaming								
52	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER VIN Code: 'C' (1975-1980)			3.400"/86.4mm x 4.120"/104.6mm				52
Connecting Rod Bearing Pair (6)	AL-5	CB-606A-10	20,30,40	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/2.3130	0.9900
For Years: 1975 - 1976								
NOTE: Forged Crankshaft								
Connecting Rod Bearing Pair (6)	AL-5	CB-1214A	STD,10,20,30,40	2.1865/2.1875	0.0004/0.0029	0.0623	2.3125/2.3130	0.7200
For Years: 1976 - 1980								
NOTE: Cast Iron Crankshaft								
Connecting Rod Bearing Pair (6)	TM-77	CB-606G	STD,10,20,30	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/2.3130	0.9900
For Years: 1975 - 1976								
NOTE: Forged Crankshaft, Full Annular Groove								
Connecting Rod Bearing Set	AL-5	CB-606A-10(6)	20,30,40	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/3.3130	0.9900
For Years: 1975 - 1976								
NOTE: Forged Crankshaft								
Connecting Rod Bearing Set	AL-5	CB-1214A(6)	STD,	2.1865/2.1875	0.0004/0.0029	0.0623	2.3125/2.3130	0.7200
For Years: 1976 - 1980								
NOTE: Cast Iron Crankshaft								
Main Bearing Set	TM-77	MS-1419AL-20	30					
1-2-4		MB-2731AL		2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	0.8820
3		MB-2732AL(F)		2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	1.1080
For Years: 1976 - 1980								
Camshaft Bearing Set	B-1	SH-874S	STD					
1		SH-874		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.9300
2		SH-403		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
3		SH-424		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.7600
4		SH-425		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
For Years: 1975 - 1978								
Camshaft Bearing Set	B-1	SH-1115S	STD					
1		SH-1115		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.7900
2		SH-1116		1.9820/1.9830	0.0025/0.0065	0.0640	2.1135/2.1145	0.6300
3		SH-1117		1.9670/1.9680	0.0025/0.0065	0.0640	2.0985/2.0995	0.6300
4		SH-425		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
For Years: 1979 - 1980								



CHRYSLER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
52 (cont.)	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER VIN Code: 'C' (1975-1980)			3.400"/86.4mm x 4.120"/104.6mm				52 (cont.)
Piston Pin Bushing (6)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
NOTE: OE Replacement, Requires Light Reaming								
53	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER VIN Codes: 'E' (1981-1982), 'F' (1981-1982), 'H' (1983), 'N' (1979-1980)			3.400"/86.4mm x 4.130"/104.6mm				53
Connecting Rod Bearing Pair (6)	AL-5	CB-1214A	STD,10,20,30,40	2.1865/2.1875	0.0004/0.0029	0.0623	2.3125/2.3130	0.7200
NOTE: Cast Iron Crankshaft								
Connecting Rod Bearing Set	AL-5	CB-1214A(6)	STD,	2.1865/2.1875	0.0004/0.0029	0.0623	2.3125/2.3130	0.7200
NOTE: Cast Iron Crankshaft								
Main Bearing Set 1-2-4	TM-77	MS-1419AL-20	30	2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	0.8820
3		MB-2731AL MB-2732AL(F)		2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	1.1080
Camshaft Bearing Set 1	B-1	SH-1115S	STD	1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.7900
2		SH-1115		1.9820/1.9830	0.0025/0.0065	0.0640	2.1135/2.1145	0.6300
3		SH-1117		1.9670/1.9680	0.0025/0.0065	0.0640	2.0985/2.0995	0.6300
4		SH-425		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
Piston Pin Bushing (6)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
NOTE: OE Replacement, Requires Light Reaming								
54	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER VIN Code: 'B' (1975-1978)			3.400"/86.4mm x 4.130"/104.6mm				54
Connecting Rod Bearing Pair (6)	AL-5	CB-606A-10	20,30,40	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/2.3130	0.9900
For Years: 1975 - 1976 NOTE: Forged Crankshaft								
Connecting Rod Bearing Pair (6)	AL-5	CB-1214A	STD,10,20,30,40	2.1865/2.1875	0.0004/0.0029	0.0623	2.3125/2.3130	0.7200
For Years: 1976 - 1978 NOTE: Cast Iron Crankshaft								
Connecting Rod Bearing Pair (6)	TM-77	CB-606G	STD,10,20,30	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/2.3130	0.9900
For Years: 1975 - 1976 NOTE: Forged Crankshaft, Full Annular Groove								
Connecting Rod Bearing Set	AL-5	CB-606A-10(6)	20,30,40	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/3.3130	0.9900
For Years: 1975 - 1976 NOTE: Forged Crankshaft								
Connecting Rod Bearing Set	AL-5	CB-1214A(6)	STD,	2.1865/2.1875	0.0004/0.0029	0.0623	2.3125/2.3130	0.7200
For Years: 1976 - 1978 NOTE: Cast Iron Crankshaft								
Main Bearing Set 1-2-4	TM-77	MS-1419AL-20	30	2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	0.8820
3		MB-2731AL MB-2732AL(F)		2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	1.1080
For Years: 1976 - 1978								



CHRYSLER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
54 (cont.)	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER VIN Code: 'B' (1975-1978)			3.400"/86.4mm x 4.130"/104.6mm				54 (cont.)
Camshaft Bearing Set	B-1	SH-874S	STD					
1		SH-874		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.9300
2		SH-403		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
3		SH-424		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.7600
4		SH-425		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
Piston Pin Bushing (6)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
NOTE: OE Replacement, Requires Light Reaming								
55	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER VIN Code: 'B' (1977)			3.400"/86.4mm x 4.130"/104.6mm				55
Connecting Rod Bearing Pair (6)	AL-5	CB-1214A	STD,10,20,30,40	2.1865/2.1875	0.0004/0.0029	0.0623	2.3125/2.3130	0.7200
NOTE: Cast Iron Crankshaft								
Connecting Rod Bearing Set	AL-5	CB-1214A(6)	STD,	2.1865/2.1875	0.0004/0.0029	0.0623	2.3125/2.3130	0.7200
NOTE: Cast Iron Crankshaft								
Main Bearing Set	TM-77	MS-1419AL-20	30					
1-2-4		MB-2731AL		2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	0.8820
3		MB-2732AL(F)		2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	1.1080
Camshaft Bearing Set	B-1	SH-874S	STD					
1		SH-874		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.9300
2		SH-403		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
3		SH-424		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.7600
4		SH-425		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
Piston Pin Bushing (6)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
NOTE: OE Replacement, Requires Light Reaming								
56	3.8L 230 CID OHV 12V V6 CHRYSLER VIN Code: 'P' (2008)			3.780"/96.0mm x 3.420"/86.8mm				56
Connecting Rod Bearing Pair (6)	AL-5	CB-1410A	STD,.25mm,.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
Connecting Rod Bearing Pair (6)	AL-5	CB-1887A-.25mm	.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0594	2.4033/2.4038	0.6510
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1410A(6)	STD,.25mm,.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
Connecting Rod Bearing Set	AL-5	CB-1887A-.25mm(6)	.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0594	2.4033/2.4038	0.6510
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-1946A	STD,.25mm,.50mm,.75mm					
1-3-4		MB-3340A		2.5190/2.5200	0.0005/0.0020	0.0781	2.6769/2.6777	0.6940
2		MB-3107A(F)		2.5190/2.5200	0.0005/0.0020	0.0781	2.6769/2.6777	0.9400
Main Bearing Set	TM-77	MS-1946P	STD,.25mm					
1-3-4		MB-3340P		2.5192/2.5202	0.0005/0.0020	0.0781	2.6769/2.6777	0.6940
2		MB-3107P(F)		2.5192/2.5202	0.0005/0.0020	0.0781	2.6769/2.6777	0.9400



CHRYSLER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
57	3.8L 3779 CC 231 CID OHV 12V V6 CHRYSLER			3.780"/96.0mm x 3.430"/87.0mm				57
	VIN Code: 'L' (2006)							
	3.8L 3800 CC 231 CID OHV 12V V6 CHRYSLER EGH			3.780"/96.0mm x 3.430"/87.0mm				
	VIN Code: '1' (2010)							
Connecting Rod Bearing Pair (6)	AL-5	CB-1410A	STD,.25mm,.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
Connecting Rod Bearing Set	AL-5	CB-1410A(6)	STD,.25mm,.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
Main Bearing Set	AL-5	MS-1946A	STD,.25mm,.50mm,.75mm					
1-3-4		MB-3340A		2.5190/2.5200	0.0005/0.0020	0.0781	2.6769/2.6777	0.6940
2		MB-3107A(F)		2.5190/2.5200	0.0005/0.0020	0.0781	2.6769/2.6777	0.9400
Main Bearing Set	TM-77	MS-1946P	STD,.25mm					
1-3-4		MB-3340P		2.5192/2.5202	0.0005/0.0020	0.0781	2.6769/2.6777	0.6940
2		MB-3107P(F)		2.5192/2.5202	0.0005/0.0020	0.0781	2.6769/2.6777	0.9400
58	4.0L 3952 CC 241 CID SOHC 12V V6 CHRYSLER EGQ			3.780"/96.0mm x 3.580"/91.0mm				58
	(2008-2009)							
Thrust Washer Set		TW-695S	STD					
NOTE:	Position Number 2 Use With Part Number MS-2303, MS-1946							
59	4.0L 3952 CC 241 CID SOHC 24V V6 CHRYSLER			3.780"/96.0mm x 3.580"/91.0mm				59
	VIN Code: 'X' (2007-2010)							
Connecting Rod Bearing Pair (6)	AL-5	CB-1881A	STD,.25mm,.50mm,.75mm	2.2828/2.2835	0.0004/0.0022	0.0587	2.4013/2.4018	0.6850
Connecting Rod Bearing Set	AL-5	CB-1881A(6)	STD,.25mm,.50mm,.75mm	2.2828/2.2835	0.0004/0.0022	0.0587	2.4013/2.4018	0.6850
Main Bearing Set	AL-5	MS-2303A	STD,.25mm					
1-2-3-4		MB-3945A		2.7160/2.7170	0.0002/0.0028	0.0979	2.9130/2.9138	0.7220
Thrust Washer Set		TW-695S	STD					
For Years:	2007 - 2009							
NOTE:	Position Number 2 Use With Part Number MS-2303, MS-1946							
60	4.1L 4114 CC 251 CID L-HEAD 12V L6 CHRYSLER			3.440"/87.3mm x 4.500"/114.3mm				60
	(1950-1952)							
	4.3L 4343 CC 265 CID L-HEAD 12V L6 CHRYSLER			3.440"/87.3mm x 4.750"/120.6mm				
	(1952-1954)							
Camshaft Bearing Set	B-1	SH-37S	STD					
1		SH-23		1.9980/1.9990	0.0005/0.0040	0.0650	2.1290/2.1300	1.1010
2		SH-37		1.9665/1.9675	0.0005/0.0045	0.0652	2.0985/2.0995	1.0700
3		SH-38		1.9350/1.9360	0.0005/0.0044	0.0653	2.0670/2.0680	1.0690
Piston Pin Bushing (6)	B	223-3349	STD					
NOTE:	OE Replacement, Requires Light Reaming							
8 CYL								
61	4.4L 4425 CC 270 CID OHV 16V V8 CHRYSLER			3.630"/92.1mm x 3.250"/82.5mm				61
	(1956)							
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
61 (cont.)	4.4L 4425 CC 270 CID OHV 16V V8 CHRYSLER (1956)			3.630"/92.1mm x 3.250"/82.5mm				61 (cont.)
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Main Bearing Set 1-2-4	TM-77	MS-963P	STD,10,20,30	2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	0.8770
3		MB-2283P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.1520
5		MB-2036P(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
		MB-2559P						
NOTE: Position 1, 2, 4 And 5 Are Full Grooved								
62	4.5L 4473 CC 273 CID OHV 16V V8 CHRYSLER A273			3.630"/92.1mm x 3.310"/84.1mm				62
	VIN Code: 'D' (1966-1969)							
	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER A318, MD2, P31, R31			3.910"/99.2mm x 3.310"/84.1mm				
	VIN Code: 'F' (1967-1969)							
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Main Bearing Set 1-2-4	TM-77	MS-540P	STD,10,20,30,40	2.4995/2.5005	0.0002/0.0023	0.0959	2.6925/2.6930	0.8770
3		MB-2035P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.1520
5		MB-2036P(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
		MB-2559P						
Camshaft Bearing Set 1	B-1	SH-875S	STD	1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-875		1.9820/1.9830	0.0005/0.0045	0.0650	2.1135/2.1145	0.7700
3		SH-326		1.9670/1.9680	0.0005/0.0045	0.0650	2.0985/2.0995	0.7570
4		SH-327		1.9510/1.9520	0.0005/0.0045	0.0650	2.0825/2.0835	0.7700
5		SH-328		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
Piston Pin Bushing (8)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
NOTE: OE Replacement, Requires Light Reaming								
63	4.5L 4473 CC 273 CID OHV 16V V8 CHRYSLER V27 (1964)			3.630"/92.1mm x 3.310"/84.1mm				63
	4.5L 4540 CC 277 CID OHV 16V V8 CHRYSLER (1956-1957)			3.750"/95.3mm x 3.130"/79.4mm				
	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER LD2, S31, T31 (1958-1963)			3.910"/99.2mm x 3.310"/84.1mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480



CHRYSLER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
63 (cont.)	4.5L 4473 CC 273 CID OHV 16V V8 CHRYSLER V27 (1964)			3.630"/92.1mm x 3.310"/84.1mm				63 (cont.)
	4.5L 4540 CC 277 CID OHV 16V V8 CHRYSLER (1956-1957)			3.750"/95.3mm x 3.130"/79.4mm				
	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER LD2, S31, T31 (1958-1963)			3.910"/99.2mm x 3.310"/84.1mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
For Years: 1957 - 1964 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
For Years: 1957 - 1964 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Main Bearing Set 1-2-4	TM-77	MS-540P	STD,10,20,30,40	2.4995/2.5005	0.0002/0.0023	0.0959	2.6925/2.6930	0.8770
3		MB-2035P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.1520
5		MB-2036P(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.1520
		MB-2559P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
Camshaft Bearing Set 1	B-1	SH-875S	STD	1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-875		1.9820/1.9830	0.0005/0.0045	0.0650	2.1135/2.1145	0.7700
3		SH-326		1.9670/1.9680	0.0005/0.0045	0.0650	2.0985/2.0995	0.7570
4		SH-327		1.9510/1.9520	0.0005/0.0045	0.0650	2.0825/2.0835	0.7700
5		SH-328		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
For Years: 1957 - 1964								
64	4.7L 285 CID SOHC 16V V8 CHRYSLER; Magnum			3.660"/93.0mm x 3.410"/86.5mm				64
VIN Codes: 'N' (2007-2008), 'P' (2007, 2009)								
Connecting Rod Bearing Pair (8)	AL-5	CB-1854A	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0023	0.0586	2.1257/2.1262	0.6547
NOTE: Without Locating Tab								
Connecting Rod Bearing Pair (8)	AL-5	CB-1855A-.25mm	.50mm	2.0075/2.0082	0.0005/0.0023	0.0595	2.1277/2.1282	0.6550
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock Without Locating Tab								
Connecting Rod Bearing Pair (8)	TM-77	CB-1784P	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0025	0.0586	2.1257/2.1262	0.6547
NOTE: With Locating Tab								
Connecting Rod Bearing Set	AL-5	CB-1804A-.25mm(8)	.50mm	2.0075/2.0082	0.0004/0.0018	0.0596	2.1277/2.1282	0.6547
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock With Locating Tab								
Connecting Rod Bearing Set	AL-5	CB-1854A(8)	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0023	0.0586	2.1257/2.1262	0.6547
NOTE: Without Locating Tab								



CHRYSLER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
64 (cont.)	4.7L 285 CID SOHC 16V V8 CHRYSLER; Magnum VIN Codes: 'N' (2007-2008), 'P' (2007, 2009)			3.660"/93.0mm x 3.410"/86.5mm				64 (cont.)
Connecting Rod Bearing Set	AL-5	CB-1855A-.25mm(8)	.50mm	2.0075/2.0082	0.0005/0.0023	0.0595	2.1277/2.1282	0.6550
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock Without Locating Tab								
Connecting Rod Bearing Set	TM-77	CB-1784P(8)	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0025	0.0586	2.1257/2.1262	0.6547
NOTE: With Locating Tab								
Main Bearing Set 1-2-3-4-5	AL-5	MS-2216A MB-3771A	STD,.25mm,.50mm	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6930	0.8120
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-608S								
Main Bearing Set 1-2-3-4-5	TM-77	MS-2242P MB-3790P	STD,.25mm,.50mm	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
Thrust Washer Set	TM-77	TW-608S MB-3771W	STD	2.8010/2.8210			3.5890/3.6140	0.0980
65	4.9L 4933 CC 301 CID OHV 16V V8 CHRYSLER (1955)			3.630"/92.1mm x 3.630"/92.1mm				65
	5.4L 5425 CC 331 CID OHV 16V V8 CHRYSLER (1951-1956)			3.810"/96.8mm x 3.630"/92.1mm				
	5.8L 5802 CC 354 CID OHV 16V V8 CHRYSLER (1956-1958)			3.940"/100.0mm x 3.630"/92.1mm				
Camshaft Bearing Set 1	B-1	SH-313S	STD					
2-3-4		SH-313		1.9980/1.9990	0.0005/0.0045	0.0650	2.1295/2.1305	0.9440
5		SH-314		1.9980/1.9990	0.0005/0.0045	0.0650	2.1295/2.1305	0.8190
		SH-315		1.4355/1.4365	0.0005/0.0045	0.0650	1.5670/1.5680	0.8820
66	4.9L 4933 CC 301 CID OHV 16V V8 CHRYSLER (1957)			3.910"/99.3mm x 3.130"/79.4mm				66
	5.0L 4966 CC 303 CID OHV 16V V8 CHRYSLER (1956)			3.810"/96.8mm x 3.310"/84.1mm				
Main Bearing Set 1-2-4	TM-77	MS-540P MB-2035P	STD,10,20,30,40	2.4995/2.5005	0.0002/0.0023	0.0959	2.6925/2.6930	0.8770
3		MB-2036P(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.1520
5		MB-2559P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
67	5.1L 5130 CC 313 CID OHV 16V V8 CHRYSLER (1957-1958)			3.880"/98.4mm x 3.310"/84.1mm				67
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Main Bearing Set 1-2-4	TM-77	MS-540P MB-2035P	STD,10,20,30,40	2.4995/2.5005	0.0002/0.0023	0.0959	2.6925/2.6930	0.8770
3		MB-2036P(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.1520
5		MB-2559P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
68	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER			3.910"/99.2mm x 3.310"/84.1mm				68
VIN Codes: 'E' (1966-1967, 1974), 'G' (1970-1974)								
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Main Bearing Set 1-2-4	AL-5	MS-1344A	STD,10,20,30	2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	0.8770
3		MB-2283A		2.4995/2.5005	0.0004/0.0025	0.0959	2.6925/2.6930	1.1520
5		MB-2620A(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
		MB-2559A		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
For Year: 1974								
Main Bearing Set 1-2-4	TM-77	MS-540P	STD,10,20,30,40	2.4995/2.5005	0.0002/0.0023	0.0959	2.6925/2.6930	0.8770
3		MB-2035P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.1520
5		MB-2036P(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
		MB-2559P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
For Years: 1966 - 1973								
Main Bearing Set 1-2-4	TM-77	MS-1344P	STD,10,20	2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	0.8770
3		MB-2283P		2.4995/2.5005	0.0004/0.0025	0.0958	2.6925/2.6930	1.1520
5		MB-2620P(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
		MB-2559P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
For Year: 1974								
Camshaft Bearing Set 1	B-1	SH-875S	STD	1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-875		1.9820/1.9830	0.0005/0.0045	0.0650	2.1135/2.1145	0.7700
3		SH-326		1.9670/1.9680	0.0005/0.0045	0.0650	2.0985/2.0995	0.7570
4		SH-327		1.9510/1.9520	0.0005/0.0045	0.0650	2.0825/2.0835	0.7700
5		SH-328		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
		SH-329				0.0320	1.0370/1.0390	1.1400
Piston Pin Bushing (8)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
NOTE: OE Replacement, Requires Light Reaming								
69	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER P31, R31, V31			3.910"/99.2mm x 3.310"/84.1mm				69
(1960-1964)								
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
69 (cont.)	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER P31, R31, V31 (1960-1964)			3.910"/99.2mm x 3.310"/84.1mm				69 (cont.)
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Main Bearing Set 1-2-4	TM-77	MS-540P	STD,10,20,30,40	2.4995/2.5005	0.0002/0.0023	0.0959	2.6925/2.6930	0.8770
3		MB-2035P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.1520
5		MB-2036P(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
		MB-2559P						
70	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER S31 (1962)			3.910"/99.2mm x 3.310"/84.1mm				70
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Camshaft Bearing Set 1	B-1	SH-875S	STD					
2		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
3		SH-326		1.9820/1.9830	0.0005/0.0045	0.0650	2.1135/2.1145	0.7700
4		SH-327		1.9670/1.9680	0.0005/0.0045	0.0650	2.0985/2.0995	0.7570
5		SH-328		1.9510/1.9520	0.0005/0.0045	0.0650	2.0825/2.0835	0.7700
		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
71	5.2L 318 CID OHV 16V V8 CHRYSLER VIN Codes: 'G' (1975-1978, 1980), 'H' (1978, 1980)			3.910"/99.3mm x 3.310"/84.2mm				71
	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER VIN Code: 'E' (1975-1980)			3.910"/99.3mm x 3.310"/84.1mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
71 (cont.)	5.2L 318 CID OHV 16V V8 CHRYSLER VIN Codes: 'G' (1975-1978, 1980), 'H' (1978, 1980)			3.910"/99.3mm x 3.310"/84.2mm				71 (cont.)
	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER VIN Code: 'E' (1975-1980)			3.910"/99.3mm x 3.310"/84.1mm				
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Main Bearing Set	AL-5	MS-1344A	STD,10,20,30					
1-2-4		MB-2283A		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	0.8770
3		MB-2620A(F)		2.4995/2.5005	0.0004/0.0025	0.0959	2.6925/2.6930	1.1520
5		MB-2559A		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
Main Bearing Set	TM-77	MS-1344P	STD,10,20					
1-2-4		MB-2283P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	0.8770
3		MB-2620P(F)		2.4995/2.5005	0.0004/0.0025	0.0958	2.6925/2.6930	1.1520
5		MB-2559P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
Camshaft Bearing Set	B-1	SH-875S	STD					
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-326		1.9820/1.9830	0.0005/0.0045	0.0650	2.1135/2.1145	0.7700
3		SH-327		1.9670/1.9680	0.0005/0.0045	0.0650	2.0985/2.0995	0.7570
4		SH-328		1.9510/1.9520	0.0005/0.0045	0.0650	2.0825/2.0835	0.7700
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
For Years: 1975 - 1978								
Camshaft Bearing Set	B-1	SH-1112S	STD					
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-1112		1.9820/1.9830	0.0015/0.0055	0.0645	2.1135/2.1145	0.6300
3		SH-1113		1.9670/1.9680	0.0015/0.0055	0.0645	2.0985/2.0995	0.6300
4		SH-1114		1.9510/1.9520	0.0015/0.0055	0.0645	2.0825/2.0835	0.6300
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
For Years: 1979 - 1980								
Piston Pin Bushing (8)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
NOTE: OE Replacement, Requires Light Reaming								
72	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER VIN Codes: 'P' (1979-1980), 'R' (1981-1982, 1985), 'T' (1983), 'U' (1983)			3.910"/99.3mm x 3.310"/84.1mm				72
	5.2L 318 CID OHV 16V V8 CHRYSLER VIN Codes: '4' (1966, 1984-1989), 'G' (1979), 'H' (1979), 'J' (1981-1982), 'K' (1981-1982), 'L' (1981-1982), 'M' (1981-1982), 'N' (1981-1982), 'P' (1983-1989), 'S' (1984-1989)			3.910"/99.3mm x 3.310"/84.2mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
72 (cont.)	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER			3.910"/99.3mm x 3.310"/84.1mm				72 (cont.)
	VIN Codes: 'P' (1979-1980), 'R' (1981-1982, 1985), 'T' (1983), 'U' (1983)							
	5.2L 318 CID OHV 16V V8 CHRYSLER			3.910"/99.3mm x 3.310"/84.2mm				
	VIN Codes: '4' (1966, 1984-1989), 'G' (1979), 'H' (1979), 'J' (1981-1982), 'K' (1981-1982), 'L' (1981-1982), 'M' (1981-1982), 'N' (1981-1982), 'P' (1983-1989), 'S' (1984-1989)							
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
	NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock							
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Main Bearing Set 1-2-4	AL-5	MS-1344A	STD,10,20,30	2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	0.8770
3		MB-2283A		2.4995/2.5005	0.0004/0.0025	0.0959	2.6925/2.6930	1.1520
5		MB-2620A(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
		MB-2559A						
For Years: 1979 - 1989								
Main Bearing Set 1-2-4	TM-77	MS-1344P	STD,10,20	2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	0.8770
3		MB-2283P		2.4995/2.5005	0.0004/0.0025	0.0958	2.6925/2.6930	1.1520
5		MB-2620P(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
		MB-2559P						
For Years: 1979 - 1989								
Camshaft Bearing Set 1	B-1	SH-1112S	STD	1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-875		1.9820/1.9830	0.0015/0.0055	0.0645	2.1135/2.1145	0.6300
3		SH-1112		1.9670/1.9680	0.0015/0.0055	0.0645	2.0985/2.0995	0.6300
4		SH-1113		1.9510/1.9520	0.0015/0.0055	0.0645	2.0825/2.0835	0.6300
5		SH-1114		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
		SH-329						
For Years: 1979 - 1989								
Piston Pin Bushing (8)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
For Years: 1979 - 1989								
NOTE: OE Replacement, Requires Light Reaming								
73	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER			3.910"/99.3mm x 3.310"/84.2mm				73
	VIN Code: 'E' (1974)							
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
	NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock							
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
	NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock							



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
73 (cont.)	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER VIN Code: 'E' (1974)			3.910"/99.3mm x 3.310"/84.2mm				73 (cont.)
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Main Bearing Set 1-2-4	AL-5	MS-1344A	STD,10,20,30	2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	0.8770
3		MB-2283A		2.4995/2.5005	0.0004/0.0025	0.0959	2.6925/2.6930	1.1520
5		MB-2620A(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
Main Bearing Set 1-2-4	TM-77	MS-1344P	STD,10,20	2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	0.8770
3		MB-2283P		2.4995/2.5005	0.0004/0.0025	0.0958	2.6925/2.6930	1.1520
5		MB-2620P(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
Camshaft Bearing Set 1	B-1	SH-875S	STD					
2		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
3		SH-326		1.9820/1.9830	0.0005/0.0045	0.0650	2.1135/2.1145	0.7700
4		SH-327		1.9670/1.9680	0.0005/0.0045	0.0650	2.0985/2.0995	0.7570
5		SH-328		1.9510/1.9520	0.0005/0.0045	0.0650	2.0825/2.0835	0.7700
		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
Piston Pin Bushing (8)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
NOTE: OE Replacement, Requires Light Reaming								
74	5.3L 5302 CC 324 CID L-HEAD 16V L8 CHRYSLER (1946-1950)			3.250"/82.5mm x 4.880"/123.8mm				74
Piston Pin Bushing (8)	B	223-3349	STD			0.0325	0.9130/0.9140	1.1250
NOTE: OE Replacement, Requires Light Reaming								
75	5.6L 5572 CC 340 CID OHV 16V V8 CHRYSLER VIN Codes: 'H' (1970-1973), 'J' (1970-1971), 'P' (1968-1969)			4.040"/102.5mm x 3.310"/84.1mm				75
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Main Bearing Set 1-2-4	TM-77	MS-540P	STD,10,20,30,40	2.4995/2.5005	0.0002/0.0023	0.0959	2.6925/2.6930	0.8770
3		MB-2035P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.1520
5		MB-2036P(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
75 (cont.)	5.6L 5572 CC 340 CID OHV 16V V8 CHRYSLER			4.040"/102.5mm x 3.310"/84.1mm				75 (cont.)
VIN Codes: 'H' (1970-1973), 'J' (1970-1971), 'P' (1968-1969)								
Main Bearing Set	TM-77	MS-963P	STD,10,20,30					
1-2-4		MB-2283P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	0.8770
3		MB-2036P(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.1520
5		MB-2559P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
NOTE: Position 1, 2, 4 And 5 Are Full Grooved								
Camshaft Bearing Set	B-1	SH-875S	STD					
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-326		1.9820/1.9830	0.0005/0.0045	0.0650	2.1135/2.1145	0.7700
3		SH-327		1.9670/1.9680	0.0005/0.0045	0.0650	2.0985/2.0995	0.7570
4		SH-328		1.9510/1.9520	0.0005/0.0045	0.0650	2.0825/2.0835	0.7700
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
Piston Pin Bushing (8)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
NOTE: OE Replacement, Requires Light Reaming								
76	5.7L 345 CID OHV 16V V8 CHRYSLER EZB; HEMI (2008)			3.920"/99.5mm x 3.580"/90.9mm				76
	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI			3.920"/99.6mm x 3.580"/90.9mm				
	VIN Codes: '2' (2007-2008), 'H' (2005-2008)							
	6.1L 6059 CC 370 CID OHV 16V V8 CHRYSLER; HEMI			4.060"/103.0mm x 3.580"/90.9mm				
	VIN Code: 'W' (2005-2010)							
Connecting Rod Bearing Pair (8)	AL-5	CB-1808A	STD, .25mm, .50mm, .75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Connecting Rod Bearing Pair (8)	AL-5	CB-1809A-.25mm	.50mm, .75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-1808P	STD, .25mm, .50mm	2.1257/2.1263	0.0008/0.0029	0.0626	2.2522/2.2527	0.7910
Connecting Rod Bearing Set	AL-5	CB-1808A(8)	STD, .25mm, .50mm, .75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Connecting Rod Bearing Set	AL-5	CB-1809A-.25mm(8)	.50mm, .75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-1808P(8)	STD, .25mm, .50mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Main Bearing Set	AL-5	MS-2220A	STD, .25mm, .50mm, .75mm					
1-2-3-4-5		MB-3780A		2.5589/2.5592	0.0005/0.0023	0.0962	2.7517/2.7522	0.8510
For Years: 2005 - 2009								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S								
Main Bearing Set	TM-77	MS-2220P	STD, .25mm, .50mm					
1-2-3-4-5		MB-3780P		2.5589/2.5592	0.0005/0.0023	0.0962	2.7517/2.7522	0.8510
For Years: 2005 - 2009								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S								



CHRYSLER

COUNTER DATA				SHOP DATA						
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH		
8 CYL (cont.)										
76 (cont.)	5.7L 345 CID OHV 16V V8 CHRYSLER EZB; HEMI (2008)			3.920"/99.5mm x 3.580"/90.9mm					76 (cont.)	
	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI VIN Codes: '2' (2007-2008), 'H' (2005-2008)			3.920"/99.6mm x 3.580"/90.9mm						
	6.1L 6059 CC 370 CID OHV 16V V8 CHRYSLER; HEMI VIN Code: 'W' (2005-2010)			4.060"/103.0mm x 3.580"/90.9mm						
Thrust Washer Set TM-77 TW-611S STD MB-3780W For Years: 2005 - 2009 NOTE: Position 2 Number Use Part Number MS-2220				2.8600/2.8800		3.6760		0.0980		
Camshaft Bearing Set B-1 SH-1990S STD 1 SH-1990 2 SH-1991 3 SH-1992 4 SH-1993 5 SH-1994 For Years: 2005 - 2009				2.2906/2.2913		0.0013/0.0042		0.0650		
				2.2748/2.2756		0.0012/0.0042		0.0650		
				2.2591/2.2598		0.0013/0.0042		0.0650		
				2.2433/2.2441		0.0012/0.0042		0.0650		
				1.7170/1.7178		0.0016/0.0054		0.0650		
				2.4226/2.4236		2.3911/2.3921		0.5920		
				2.4068/2.4078		2.3753/2.3763		0.5920		
				1.8494/1.8504				0.5920		
77	5.7L 345 CID OHV 16V V8 CHRYSLER EZD, EZE, EZH; HEMI VIN Code: 'T' (2009)			3.920"/99.6mm x 3.580"/90.9mm					77	
Connecting Rod Bearing Pair (8) AL-5 CB-1808A STD, .25mm, .50mm, .75mm				2.1257/2.1263		0.0008/0.0025		0.0625	2.2522/2.2527	0.7910
Connecting Rod Bearing Pair (8) AL-5 CB-1809A-.25mm .50mm, .75mm				2.1257/2.1263		0.0008/0.0025		0.0635	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock										
Connecting Rod Bearing Pair (8) TM-77 CB-1808P STD, .25mm, .50mm				2.1257/2.1263		0.0008/0.0029		0.0626	2.2522/2.2527	0.7910
Connecting Rod Bearing Set AL-5 CB-1808A(8) STD, .25mm, .50mm, .75mm				2.1257/2.1263		0.0008/0.0025		0.0625	2.2522/2.2527	0.7910
Connecting Rod Bearing Set AL-5 CB-1809A-.25mm(8) .50mm, .75mm				2.1257/2.1263		0.0008/0.0025		0.0635	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock										
Connecting Rod Bearing Set TM-77 CB-1808P(8) STD, .25mm, .50mm				2.1257/2.1263		0.0008/0.0025		0.0625	2.2522/2.2527	0.7910
Main Bearing Set AL-5 MS-2220A STD, .25mm, .50mm, .75mm				2.5589/2.5592		0.0005/0.0023		0.0962	2.7517/2.7522	0.8510
1-2-3-4-5 MB-3780A										
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S										
Main Bearing Set TM-77 MS-2220P STD, .25mm, .50mm				2.5589/2.5592		0.0005/0.0023		0.0962	2.7517/2.7522	0.8510
1-2-3-4-5 MB-3780P										
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S										
Thrust Washer Set TM-77 TW-611S STD MB-3780W				2.8600/2.8800		3.6760		0.0980		
NOTE: Position 2 Number Use Part Number MS-2220										



CHRYSLER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
77 (cont.)	5.7L 345 CID OHV 16V V8 CHRYSLER EZD, EZE, EZH; HEMI VIN Code: 'T' (2009)			3.920"/99.6mm x 3.580"/90.9mm				77 (cont.)
Camshaft Bearing Set	B-1	SH-1990S	STD					
1		SH-1990		2.2906/2.2913	0.0013/0.0042	0.0650	2.4226/2.4236	0.6700
2		SH-1991		2.2748/2.2756	0.0012/0.0042	0.0650	2.4068/2.4078	0.5920
3		SH-1992		2.2591/2.2598	0.0013/0.0042	0.0650	2.3911/2.3921	0.5920
4		SH-1993		2.2433/2.2441	0.0012/0.0042	0.0650	2.3753/2.3763	0.5920
5		SH-1994		1.7170/1.7178	0.0016/0.0054	0.0650	1.8494/1.8504	0.5920
For Year: 2009								
Camshaft Bearing Set	B-1	SH-2191S	STD					
NOTE: For VVT Camshaft								
78	5.7L 5654 CC 345 CID OHV 16V V8 CHRYSLER EZH; HEMI VIN Codes: '2' (2012), 'T' (2013)			3.920"/99.6mm x 3.580"/90.9mm				78
Connecting Rod Bearing Pair (8)	AL-5	CB-1808A	STD,.25mm,.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Connecting Rod Bearing Pair (8)	AL-5	CB-1809A-.25mm	.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-1808P	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0029	0.0626	2.2522/2.2527	0.7910
Connecting Rod Bearing Set	AL-5	CB-1808A(8)	STD,.25mm,.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Connecting Rod Bearing Set	AL-5	CB-1809A-.25mm(8)	.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-1808P(8)	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Main Bearing Set	AL-5	MS-2220A	STD,.25mm,.50mm,.75mm					
1-2-3-4-5		MB-3780A		2.5589/2.5592	0.0005/0.0023	0.0962	2.7517/2.7522	0.8510
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S								
Main Bearing Set	TM-77	MS-2220P	STD,.25mm,.50mm					
1-2-3-4-5		MB-3780P		2.5589/2.5592	0.0005/0.0023	0.0962	2.7517/2.7522	0.8510
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S								
Thrust Washer Set	TM-77	TW-611S	STD					
		MB-3780W		2.8600/2.8800			3.6760	0.0980
NOTE: Position 2 Number Use Part Number MS-2220								
Camshaft Bearing Set	B-1	SH-2191S	STD					
NOTE: For VVT Camshaft								
79	5.7L 345 CID OHV 16V V8 CHRYSLER EZH; HEMI VIN Code: 'T' (2014)			3.920"/99.6mm x 3.580"/90.9mm				79
Connecting Rod Bearing Pair (8)	AL-5	CB-1808A	STD,.25mm,.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910



CHRYSLER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
79 (cont.)	5.7L 345 CID OHV 16V V8 CHRYSLER EZH; HEMI VIN Code: 'T' (2014)			3.920"/99.6mm x 3.580"/90.9mm				79 (cont.)
Connecting Rod Bearing Pair (8)	AL-5	CB-1809A-.25mm	.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-1808P	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0029	0.0626	2.2522/2.2527	0.7910
Connecting Rod Bearing Set	AL-5	CB-1808A(8)	STD,.25mm,.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Connecting Rod Bearing Set	AL-5	CB-1809A-.25mm(8)	.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-1808P(8)	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Main Bearing Set 1-2-3-4-5	AL-5	MS-2220A MB-3780A	STD,.25mm,.50mm,.75mm	2.5589/2.5592	0.0005/0.0023	0.0962	2.7517/2.7522	0.8510
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S								
Main Bearing Set 1-2-3-4-5	TM-77	MS-2220P MB-3780P	STD,.25mm,.50mm	2.5589/2.5592	0.0005/0.0023	0.0962	2.7517/2.7522	0.8510
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S								
Thrust Washer Set	TM-77	TW-611S MB-3780W	STD	2.8600/2.8800			3.6760	0.0980
NOTE: Position 2 Number Use Part Number MS-2220								
80	5.7L 5737 CC 350 CID OHV 16V V8 CHRYSLER (1958)			4.060"/103.2mm x 3.380"/85.7mm				80
	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER A361, MD3H, R36, S36 VIN Code: 'F' (1966)			4.130"/104.8mm x 3.380"/85.7mm				
	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER R38, S38 (1961-1962)			4.250"/107.9mm x 3.380"/85.8mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-527P	STD,1,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Connecting Rod Bearing Set	TM-77	CB-527P(8)	STD,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Main Bearing Set 1-2-4-5	TM-77	MS-876P MB-2065P	STD,10,20	2.6245/2.6255	0.0011/0.0036	0.0956	2.8175/2.8180	0.9490
3		MB-2456P(F)		2.6245/2.6255	0.0011/0.0036	0.0956	2.8175/2.8180	1.2240
NOTE: Contains Full Narrow Grooved Bearings								



CHRYSLER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
81	5.7L 5737 CC 350 CID OHV 16V V8 CHRYSLER (1958)				4.060"/103.2mm x 3.380"/85.7mm			81
	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER P36, R36, S36, T36, V36 (1959-1964)				4.130"/104.8mm x 3.380"/85.7mm			
	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER A383, R38, S38, T38, V38 VIN Code: 'G' (1966)				4.250"/107.9mm x 3.380"/85.8mm			
	6.6L 400 CID OHV 16V V8 CHRYSLER VIN Codes: 'J' (1976-1978), 'M' (1975), 'N' (1975)				4.130"/104.8mm x 3.750"/95.2mm			
	6.6L 6556 CC 400 CID OHV 16V V8 CHRYSLER VIN Codes: 'M' (1972-1974), 'N' (1974), 'P' (1972-1974)				4.340"/110.2mm x 3.380"/85.7mm			
	6.6L 400 CID OHV 16V V8 CHRYSLER VIN Codes: 'M' (1975-1977), 'N' (1975-1978), 'P' (1975-1978)				4.340"/110.2mm x 3.380"/85.7mm			
	6.6L 400 CID OHV 16V V8 CHRYSLER VIN Codes: 'M' (1975), 'N' (1975), 'P' (1975)				4.340"/110.2mm x 3.380"/85.9mm			
	6.6L 6555 CC 400 CID OHV 16V V8 CHRYSLER VIN Codes: 'M' (1972-1974), 'N' (1974), 'P' (1972-1974)				4.340"/110.2mm x 3.380"/85.8mm			
Connecting Rod Bearing Pair (8)	TM-77	CB-527P	STD,1,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Connecting Rod Bearing Set	TM-77	CB-527P(8)	STD,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Main Bearing Set 1-2-4-5	TM-77	MS-876P	STD,10,20	2.6245/2.6255	0.0011/0.0036	0.0956	2.8175/2.8180	0.9490
3		MB-2065P						
		MB-2456P(F)		2.6245/2.6255	0.0011/0.0036	0.0956	2.8175/2.8180	1.2240
NOTE: Contains Full Narrow Grooved Bearings								
Camshaft Bearing Set 1	B-1	SH-876S	STD	1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.7600
2		SH-876						
3		SH-403						
4		SH-404						
5		SH-405						
		SH-406						
				1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
				1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.6800
				1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
				1.7480/1.7490	0.0005/0.0045	0.0645	1.8795/1.8805	0.7600
82	5.9L 360 CID OHV 16V V8 CHRYSLER VIN Codes: 'F' (1975-1979), 'J' (1975-1979), 'K' (1975-1980), 'L' (1975-1980)				4.000"/101.6mm x 3.580"/90.9mm			82
	Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480



CHRYSLER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
82 (cont.)	5.9L 360 CID OHV 16V V8 CHRYSLER VIN Codes: 'F' (1975-1979), 'J' (1975-1979), 'K' (1975-1980), 'L' (1975-1980)			4.000"/101.6mm x 3.580"/90.9mm				82 (cont.)
Main Bearing Set 1-2-4 3 5	AL-5	MS-1266A MB-2622A MB-2623A(F) MB-2624A	STD,10,20,30	2.8095/2.8105 2.8095/2.8105 2.8095/2.8105	0.0005/0.0032 0.0005/0.0032 0.0005/0.0032	0.0959 0.0959 0.0959	3.0025/3.0030 3.0025/3.0030 3.0025/3.0030	0.8770 1.1520 1.2590
Main Bearing Set 1-2-4 3 5	TM-77	MS-1266P MB-2622P MB-2623P(F) MB2624P	STD,10,20	2.8095/2.8105 2.8095/2.8105 2.8095/2.8105	0.0002/0.0023 0.0005/0.0032 0.0005/0.0032	0.0959 0.0959 0.0959	3.0025/3.0030 3.0025/3.0030 3.0025/3.0030	0.8770 1.1520 1.2590
Camshaft Bearing Set 1 2 3 4 5	B-1	SH-875S SH-875 SH-326 SH-327 SH-328 SH-329	STD	1.9980/1.9990 1.9820/1.9830 1.9670/1.9680 1.9510/1.9520 1.5605/1.5615	0.0015/0.0055 0.0005/0.0045 0.0005/0.0045 0.0005/0.0045 0.0005/0.0045	0.0645 0.0650 0.0650 0.0650 0.0650	2.1295/2.1305 2.1135/2.1145 2.0985/2.0995 2.0825/2.0835 1.6920/1.6930	0.9000 0.7700 0.7570 0.7700 0.9500
For Years: 1975 - 1978								
Camshaft Bearing Set 1 2 3 4 5	B-1	SH-1112S SH-875 SH-1112 SH-1113 SH-1114 SH-329	STD	1.9980/1.9990 1.9820/1.9830 1.9670/1.9680 1.9510/1.9520 1.5605/1.5615	0.0015/0.0055 0.0015/0.0055 0.0015/0.0055 0.0015/0.0055 0.0005/0.0045	0.0645 0.0645 0.0645 0.0645 0.0650	2.1295/2.1305 2.1135/2.1145 2.0985/2.0995 2.0825/2.0835 1.6920/1.6930	0.9000 0.6300 0.6300 0.6300 0.9500
For Years: 1979 - 1980								
83	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER VIN Codes: 'F' (1974), 'J' (1974), 'L' (1974), 'T' (1974)			4.000"/101.6mm x 3.580"/90.9mm				83
	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER VIN Codes: 'F' (1974), 'J' (1974), 'L' (1974), 'T' (1974)			4.000"/101.6mm x 3.580"/90.9mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Pair (8) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Set NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Main Bearing Set 1-2-4 3 5	AL-5	MS-1266A MB-2622A MB-2623A(F) MB-2624A	STD,10,20,30	2.8095/2.8105 2.8095/2.8105 2.8095/2.8105	0.0005/0.0032 0.0005/0.0032 0.0005/0.0032	0.0959 0.0959 0.0959	3.0025/3.0030 3.0025/3.0030 3.0025/3.0030	0.8770 1.1520 1.2590



CHRYSLER

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
83 (cont.)	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER VIN Codes: 'F' (1974), 'J' (1974), 'L' (1974), 'T' (1974)			4.000"/101.6mm x 3.580"/90.9mm					83 (cont.)
	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER VIN Codes: 'F' (1974), 'J' (1974), 'L' (1974), 'T' (1974)			4.000"/101.6mm x 3.580"/90.9mm					
Main Bearing Set	TM-77	MS-1266P	STD,10,20						
1-2-4		MB-2622P		2.8095/2.8105	0.0002/0.0023	0.0959	3.0025/3.0030	0.8770	
3		MB-2623P(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520	
5		MB2624P		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590	
Camshaft Bearing Set	B-1	SH-875S	STD						
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000	
2		SH-326		1.9820/1.9830	0.0005/0.0045	0.0650	2.1135/2.1145	0.7700	
3		SH-327		1.9670/1.9680	0.0005/0.0045	0.0650	2.0985/2.0995	0.7570	
4		SH-328		1.9510/1.9520	0.0005/0.0045	0.0650	2.0825/2.0835	0.7700	
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500	
84	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER VIN Code: 'K' (1971-1974)			4.000"/101.6mm x 3.580"/90.9mm					84
	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER VIN Code: 'K' (1971-1974)			4.000"/101.6mm x 3.580"/90.9mm					
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480	
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480	
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480	
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480	
Main Bearing Set	AL-5	MS-1051A	STD,10,20						
1-2-4		MB-2590A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	0.8770	
3		MB-2591A(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520	
5		MB-2592A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590	
For Years: 1971 - 1973									
Main Bearing Set	AL-5	MS-1266A	STD,10,20,30						
1-2-4		MB-2622A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	0.8770	
3		MB-2623A(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520	
5		MB-2624A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590	
For Year: 1974									
Main Bearing Set	TM-77	MS-1051P	STD,20						
1-2-4		MB-2590P		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	0.8770	
3		MB-2591P(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520	
5		MB-2592P		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590	
For Years: 1971 - 1973									



CHRYSLER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
84 (cont.)	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER VIN Code: 'K' (1971-1974)			4.000"/101.6mm x 3.580"/90.9mm				84 (cont.)
	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER VIN Code: 'K' (1971-1974)			4.000"/101.6mm x 3.580"/90.9mm				
Main Bearing Set	TM-77	MS-1266P	STD,10,20					
1-2-4		MB-2622P		2.8095/2.8105	0.0002/0.0023	0.0959	3.0025/3.0030	0.8770
3		MB-2623P(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520
5		MB2624P		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590
For Year: 1974								
Camshaft Bearing Set	B-1	SH-875S	STD					
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-326		1.9820/1.9830	0.0005/0.0045	0.0650	2.1135/2.1145	0.7700
3		SH-327		1.9670/1.9680	0.0005/0.0045	0.0650	2.0985/2.0995	0.7570
4		SH-328		1.9510/1.9520	0.0005/0.0045	0.0650	2.0825/2.0835	0.7700
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
85	5.9L 360 CID OHV 16V V8 CHRYSLER VIN Codes: '1' (1983), 'T' (1979-1982), 'U' (1982), 'W' (1983)			4.000"/101.6mm x 3.580"/90.9mm				85
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Main Bearing Set	AL-5	MS-1266A	STD,10,20,30					
1-2-4		MB-2622A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	0.8770
3		MB-2623A(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520
5		MB-2624A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590
Main Bearing Set	TM-77	MS-1266P	STD,10,20					
1-2-4		MB-2622P		2.8095/2.8105	0.0002/0.0023	0.0959	3.0025/3.0030	0.8770
3		MB-2623P(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520
5		MB2624P		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590
Camshaft Bearing Set	B-1	SH-1112S	STD					
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-1112		1.9820/1.9830	0.0015/0.0055	0.0645	2.1135/2.1145	0.6300
3		SH-1113		1.9670/1.9680	0.0015/0.0055	0.0645	2.0985/2.0995	0.6300
4		SH-1114		1.9510/1.9520	0.0015/0.0055	0.0645	2.0825/2.0835	0.6300
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500



CHRYSLER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
86	6.3L 6274 CC 383 CID OHV 16V V8 CHRYSLER MR38 (1959)					4.030"/102.4mm x 3.750"/95.3mm		86
	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER MC1L, MC2M, PR38 (1959-1960)					4.250"/107.9mm x 3.380"/85.8mm		
Connecting Rod Bearing Pair (8)	TM-77	CB-527P	STD,1,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Connecting Rod Bearing Set	TM-77	CB-527P(8)	STD,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Main Bearing Set 1-2-4-5	TM-77	MS-2324P	STD,10,20	2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	0.9490
3		MB-2219P		2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	1.2240
		MB-2495P(F)						
NOTE: Contains Full Wide Grooved Bearings								
87	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER P38 VIN Codes: 'G' (1966-1969), 'H' (1967-1969), 'L' (1970-1971)					4.250"/107.9mm x 3.380"/85.8mm		87
Connecting Rod Bearing Pair (8)	TM-77	CB-527P	STD,1,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Connecting Rod Bearing Set	TM-77	CB-527P(8)	STD,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Main Bearing Set 1-2-4-5	TM-77	MS-876P	STD,10,20	2.6245/2.6255	0.0011/0.0036	0.0956	2.8175/2.8180	0.9490
3		MB-2065P		2.6245/2.6255	0.0011/0.0036	0.0956	2.8175/2.8180	1.2240
		MB-2456P(F)						
NOTE: Contains Full Narrow Grooved Bearings								
Main Bearing Set 1-2-4-5	TM-77	MS-2324P	STD,10,20	2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	0.9490
3		MB-2219P		2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	1.2240
		MB-2495P(F)						
For Years: 1960 - 1970								
NOTE: Contains Full Wide Grooved Bearings								
Camshaft Bearing Set 1	B-1	SH-876S	STD	1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.7600
2		SH-876		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
3		SH-403		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.6800
4		SH-404		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
5		SH-405		1.7480/1.7490	0.0005/0.0045	0.0645	1.8795/1.8805	0.7600
		SH-406						
88	6.4L 6424 CC 392 CID OHV 16V V8 CHRYSLER ESG; HEMI VIN Code: 'J' (2012-2014)					4.090"/103.9mm x 3.720"/94.5mm		88
Connecting Rod Bearing Pair (8)	AL-5	CB-1808A	STD,.25mm,.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
For Year: 2012								
Connecting Rod Bearing Pair (8)	AL-5	CB-1809A-.25mm	.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
For Year: 2012								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-1808P	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0029	0.0626	2.2522/2.2527	0.7910
For Year: 2012								
Connecting Rod Bearing Set	AL-5	CB-1808A(8)	STD,.25mm,.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
For Year: 2012								



CHRYSLER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
88 (cont.)	6.4L 6424 CC 392 CID OHV 16V V8 CHRYSLER ESG; HEMI VIN Code: 'J' (2012-2014)			4.090"/103.9mm x 3.720"/94.5mm				88 (cont.)
Connecting Rod Bearing Set For Year: 2012 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1809A-.25mm(8)	.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
Connecting Rod Bearing Set For Year: 2012	TM-77	CB-1808P(8)	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Main Bearing Set 1-2-3-4-5 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S	AL-5	MS-2296A MB-3940A	STD,.25mm	2.5589/2.5592	0.0001/0.0015	0.0962	2.7517/2.7522	0.8510
Thrust Washer Set For Year: 2012 NOTE: Position 2 Number Use Part Number MS-2220	TM-77	TW-611S MB-3780W	STD	2.8600/2.8800			3.6760	0.0980
Camshaft Bearing Set For Years: 2012 - 2013 NOTE: For VVT Camshaft	B-1	SH-2191S	STD					
89	6.7L 6769 CC 413 CID OHV 16V V8 CHRYSLER A413, MC3H, P41, R41, S41, T41, V41 (1959-1965)			4.190"/106.4mm x 3.750"/95.3mm				89
	7.0L 6981 CC 426 CID OHV 16V V8 CHRYSLER A426, V42, V426 (1964-1965)			4.250"/107.9mm x 3.750"/95.2mm				
	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER; Hi-Perf. VIN Code: 'U' (1970-1974)			4.320"/109.7mm x 3.750"/95.2mm				
	7.2L 440 CID OHV 16V V8 CHRYSLER VIN Codes: 'D' (1975-1978), 'T' (1975-1978), 'U' (1975-1978)			4.320"/109.7mm x 3.750"/95.2mm				
	7.2L 7212 CC 440 CID OHV 16V V8 CHRYSLER VIN Codes: 'D' (1974), 'T' (1970-1974), 'U' (1970-1974)			4.320"/109.7mm x 3.750"/95.2mm				
	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER B440 VIN Codes: 'A' (1974), 'D' (1974), 'M' (1969), 'T' (1970-1974), 'V' (1970-1972)			4.320"/109.7mm x 3.750"/95.2mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-527P	STD,1,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Connecting Rod Bearing Set	TM-77	CB-527P(8)	STD,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Main Bearing Set 1-2-4-5 3 NOTE: Except Engine With 3.555in / 3.675in Main Bearing Flange O.D.	TM-77	MS-1277P MB-2067P MB-2625P(F)	STD,10,20	2.7495/2.7505	0.0008/0.0033	0.0956	2.9425/2.9430	0.9490
Main Bearing Set 1-2-4-5 3 NOTE: Contains Full Wide Grooved Bearings	TM-77	MS-2324P MB-2219P MB-2495P(F)	STD,10,20	2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	0.9490



CHRYSLER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
89 (cont.)	6.7L 6769 CC 413 CID OHV 16V V8 CHRYSLER A413, MC3H, P41, R41, S41, T41, V41 (1959-1965)			4.190"/106.4mm x 3.750"/95.3mm				89 (cont.)
	7.0L 6981 CC 426 CID OHV 16V V8 CHRYSLER A426, V42, V426 (1964-1965)			4.250"/107.9mm x 3.750"/95.2mm				
	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER; Hi-Perf. VIN Code: 'U' (1970-1974)			4.320"/109.7mm x 3.750"/95.2mm				
	7.2L 440 CID OHV 16V V8 CHRYSLER VIN Codes: 'D' (1975-1978), 'T' (1975-1978), 'U' (1975-1978)			4.320"/109.7mm x 3.750"/95.2mm				
	7.2L 7212 CC 440 CID OHV 16V V8 CHRYSLER VIN Codes: 'D' (1974), 'T' (1970-1974), 'U' (1970-1974)			4.320"/109.7mm x 3.750"/95.2mm				
	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER B440 VIN Codes: 'A' (1974), 'D' (1974), 'M' (1969), 'T' (1970-1974), 'V' (1970-1972)			4.320"/109.7mm x 3.750"/95.2mm				
Camshaft Bearing Set	B-1	SH-876S	STD					
1		SH-876		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.7600
2		SH-403		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
3		SH-404		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.6800
4		SH-405		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
5		SH-406		1.7480/1.7490	0.0005/0.0045	0.0645	1.8795/1.8805	0.7600
90	6.7L 6769 CC 413 CID OHV 16V V8 CHRYSLER MC3S, MY1H, MY1L, MY1M (1959)			4.190"/106.4mm x 3.750"/95.3mm				90
Connecting Rod Bearing Pair (8)	TM-77	CB-527P	STD,1,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Connecting Rod Bearing Set	TM-77	CB-527P(8)	STD,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Main Bearing Set	TM-77	MS-1277P	STD,10,20					
1-2-4-5		MB-2067P		2.7495/2.7505	0.0008/0.0033	0.0956	2.9425/2.9430	0.9490
3		MB-2625P(F)		2.7495/2.7505	0.0011/0.0036	0.0959	2.9425/2.9430	1.2240
NOTE: Except Engine With 3.555in / 3.675in Main Bearing Flange O.D.								
Camshaft Bearing Set	B-1	SH-876S	STD					
1		SH-876		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.7600
2		SH-403		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
3		SH-404		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.6800
4		SH-405		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
5		SH-406		1.7480/1.7490	0.0005/0.0045	0.0645	1.8795/1.8805	0.7600
91	7.0L 6981 CC 426 CID OHV 16V V8 CHRYSLER VIN Codes: 'H' (1966), 'J' (1967-1969), 'R' (1970-1971)			4.250"/107.9mm x 3.750"/95.2mm				91
	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER C440 (1967)			4.320"/109.7mm x 3.750"/95.2mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-527P	STD,1,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Connecting Rod Bearing Set	TM-77	CB-527P(8)	STD,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Main Bearing Set	TM-77	MS-1277P	STD,10,20					
1-2-4-5		MB-2067P		2.7495/2.7505	0.0008/0.0033	0.0956	2.9425/2.9430	0.9490
3		MB-2625P(F)		2.7495/2.7505	0.0011/0.0036	0.0959	2.9425/2.9430	1.2240
NOTE: Except Engine With 3.555in / 3.675in Main Bearing Flange O.D.								



CHRYSLER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
91 (cont.)	7.0L 6981 CC 426 CID OHV 16V V8 CHRYSLER VIN Codes: 'H' (1966), 'J' (1967-1969), 'R' (1970-1971) 7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER C440 (1967)			4.250"/107.9mm x 3.750"/95.2mm				91 (cont.)
Main Bearing Set	TM-77	MS-2324P	STD,10,20					
1-2-4-5		MB-2219P		2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	0.9490
3		MB-2495P(F)		2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	1.2240
NOTE: Contains Full Wide Grooved Bearings								
92	7.0L 6981 CC 426 CID OHV 16V V8 CHRYSLER T42 (1963)			4.250"/107.9mm x 3.750"/95.2mm				92
Connecting Rod Bearing Pair (8)	TM-77	CB-527P	STD,1,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Connecting Rod Bearing Set	TM-77	CB-527P(8)	STD,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Main Bearing Set	TM-77	MS-1277P	STD,10,20					
1-2-4-5		MB-2067P		2.7495/2.7505	0.0008/0.0033	0.0956	2.9425/2.9430	0.9490
3		MB-2625P(F)		2.7495/2.7505	0.0011/0.0036	0.0959	2.9425/2.9430	1.2240
NOTE: Except Engine With 3.555in / 3.675in Main Bearing Flange O.D.								
Main Bearing Set	TM-77	MS-2324P	STD,10,20					
1-2-4-5		MB-2219P		2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	0.9490
3		MB-2495P(F)		2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	1.2240
NOTE: Contains Full Wide Grooved Bearings								
Thrust Washer Set		TW-120SK	STD					
		KTW-120S						
		MB-1739W(L)		3.3150/3.3250			3.8880/3.8980	0.0920
		MB-1739W(U)		3.3150/3.3250			3.8880/3.8980	0.0920
		TW-120S						
NOTE: Coated, K-Coated								
Camshaft Bearing Set	B-1	SH-876S	STD					
1		SH-876		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.7600
2		SH-403		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
3		SH-404		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.6800
4		SH-405		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
5		SH-406		1.7480/1.7490	0.0005/0.0045	0.0645	1.8795/1.8805	0.7600
93	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER VIN Codes: 'K' (1966-1969), 'L' (1966-1969)			4.320"/109.7mm x 3.750"/95.2mm				93
Connecting Rod Bearing Pair (8)	TM-77	CB-527P	STD,1,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Connecting Rod Bearing Set	TM-77	CB-527P(8)	STD,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Main Bearing Set	TM-77	MS-1277P	STD,10,20					
1-2-4-5		MB-2067P		2.7495/2.7505	0.0008/0.0033	0.0956	2.9425/2.9430	0.9490
3		MB-2625P(F)		2.7495/2.7505	0.0011/0.0036	0.0959	2.9425/2.9430	1.2240
NOTE: Except Engine With 3.555in / 3.675in Main Bearing Flange O.D.								
Main Bearing Set	TM-77	MS-2324P	STD,10,20					
1-2-4-5		MB-2219P		2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	0.9490
3		MB-2495P(F)		2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	1.2240
NOTE: Contains Full Wide Grooved Bearings								



CHRYSLER

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
93 (cont.)	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER VIN Codes: 'K' (1966-1969), 'L' (1966-1969)			4.320"/109.7mm x 3.750"/95.2mm				93 (cont.)
Camshaft Bearing Set	B-1	SH-876S	STD					
1		SH-876		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.7600
2		SH-403		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
3		SH-404		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.6800
4		SH-405		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
5		SH-406		1.7480/1.7490	0.0005/0.0045	0.0645	1.8795/1.8805	0.7600
Camshaft Bearing Set	B-2	SH-2152S	STD					
For Year: 1969								
94 (cont.)	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER PT440 (1968)			4.320"/109.7mm x 3.750"/95.2mm				94
Main Bearing Set	TM-77	MS-1277P	STD,10,20					
1-2-4-5		MB-2067P		2.7495/2.7505	0.0008/0.0033	0.0956	2.9425/2.9430	0.9490
3		MB-2625P(F)		2.7495/2.7505	0.0011/0.0036	0.0959	2.9425/2.9430	1.2240
NOTE: Except Engine With 3.555in / 3.675in Main Bearing Flange O.D.								
Main Bearing Set	TM-77	MS-2324P	STD,10,20					
1-2-4-5		MB-2219P		2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	0.9490
3		MB-2495P(F)		2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	1.2240
NOTE: Contains Full Wide Grooved Bearings								

DAIHATSU

ENGINE	YEAR	BORE & STROKE	BLOCK
1.3L 1295 CC SOHC 8V L4	1989-1992	2.990"/76.0mm x 2.810"/71.4mm	1
1.6L 1589 CC SOHC 8V L4	1990-1992	3.030"/77.0mm x 3.390"/86.0mm	1

MODEL	ENGINE	YEAR	BLOCK
Charade	1.3L 1295 CC SOHC 8V L4	1989-1992	1
Rocky	1.6L 1589 CC SOHC 8V L4	1990-1992	1



DAIHATSU

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1.3L 1295 CC SOHC 8V L4 DAIHATSU VIN Code: '2' (1989-1992)			2.990"/76.0mm x 2.810"/71.4mm			1	
	1.6L 1589 CC SOHC 8V L4 DAIHATSU VIN Code: '0' (1990-1992)			3.030"/77.0mm x 3.390"/86.0mm				
Thrust Washer Set	TW-599S		STD	2.2441/2.2539		2.9823/2.9921	0.0980	
	MB-3554W							

DESOTO

ENGINE	YEAR	BORE & STROKE	BLOCK
4.1L 4114 CC 251 CID L-HEAD 12V L6 CHRYSLER	1951-1954	3.440"/87.3mm x 4.500"/114.3mm	1

MODEL	ENGINE	YEAR	BLOCK
Powermaster	4.1L 4114 CC 251 CID L-HEAD 12V L6 CHRYSLER	1953-1954	1
S-15	4.1L 4114 CC 251 CID L-HEAD 12V L6 CHRYSLER	1951-1952	1

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
1	4.1L 4114 CC 251 CID L-HEAD 12V L6 CHRYSLER (1951-1954)			3.440"/87.3mm x 4.500"/114.3mm			1	
Camshaft Bearing Set	B-1	SH-37S	STD					
1		SH-23		1.9980/1.9990	0.0005/0.0040	0.0650	2.1290/2.1300	1.1010
2		SH-37		1.9665/1.9675	0.0005/0.0045	0.0652	2.0985/2.0995	1.0700
3		SH-38		1.9350/1.9360	0.0005/0.0044	0.0653	2.0670/2.0680	1.0690
Piston Pin Bushing (6)	B	223-3349	STD			0.0325	0.9130/0.9140	1.1250
NOTE: OE Replacement, Requires Light Reaming								



DODGE

ENGINE	YEAR	BORE & STROKE	BLOCK
1.4L 1410 CC SOHC 8V L4 MITSUBISHI	1979-1984	2.910"/74.0mm x 3.230"/82.0mm	1
1.5L 1468 CC 90 CID SOHC 8V L4 MITSUBISHI	1985-1988	2.970"/75.5mm x 3.230"/82.0mm	1
1.5L 1468 CC 90 CID SOHC 8V L4 MITSUBISHI	1989-1990	2.970"/75.5mm x 3.230"/82.0mm	2
1.5L 1468 CC 90 CID SOHC 12V L4 MITSUBISHI	1991-1995	2.970"/75.5mm x 3.230"/82.0mm	3
1.6L 1597 CC 98 CID SOHC 8V L4 MITSUBISHI 4G32	1971-1986	3.030"/76.9mm x 3.390"/86.0mm	5
1.6L 1597 CC 98 CID SOHC 8V L4 MITSUBISHI	1975-1988	3.030"/76.9mm x 3.390"/86.0mm	4
1.6L 1597 CC 98 CID DOHC 16V L4 MITSUBISHI	1989-1990	3.030"/76.9mm x 3.390"/86.0mm	4
1.7L 105 CID SOHC 8V L4 VW	1978-1982	3.130"/79.5mm x 3.400"/86.4mm	6
1.8L 1754 CC 107 CID SOHC 8V L4 MITSUBISHI	1989-1990	3.170"/80.5mm x 3.390"/86.1mm	7
1.8L 1834 CC 112 CID SOHC 16V L4 MITSUBISHI	1993-1994	3.190"/81.0mm x 3.500"/88.8mm	9
1.8L 1798 CC 110 CID DOHC 16V L4 CHRYSLER; GEMA	2007-2009	3.380"/85.9mm x 3.050"/77.5mm	8
2.0L 1995 CC 122 CID SOHC 8V L4 MITSUBISHI	1975-1977	3.300"/84.0mm x 3.540"/90.0mm	13
2.0L 1995 CC 122 CID SOHC 8V L4 MITSUBISHI	1979-1980	3.300"/84.0mm x 3.540"/90.0mm	12
2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI	1981-1983	3.300"/84.0mm x 3.540"/90.0mm	11
2.0L 1997 CC SOHC 8V L4 MITSUBISHI	1983	3.300"/84.0mm x 3.540"/90.0mm	4
2.0L 1995 CC SOHC 8V L4 MITSUBISHI	1984	3.300"/84.0mm x 3.540"/90.0mm	4
2.0L 1995 CC 122 CID SOHC 8V L4 MITSUBISHI	1984-1989	3.300"/84.0mm x 3.540"/90.0mm	10
2.0L 1995 CC 122 CID SOHC 8V L4 MITSUBISHI 4G52, G52B	1974	3.310"/84.0mm x 3.540"/90.0mm	13
2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI	1985-1988	3.350"/85.0mm x 3.460"/88.0mm	14
2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI	1989-1991	3.350"/85.0mm x 3.460"/88.0mm	15
2.0L 1997 CC 122 CID DOHC 16V L4 MITSUBISHI	1990	3.350"/85.0mm x 3.460"/88.0mm	16
2.0L 1998 CC 122 CID DOHC 16V L4 CHRYSLER ECN; GEMA	2007-2012	3.390"/86.1mm x 3.390"/86.1mm	17
2.0L 1997 CC 122 CID DOHC 16V L4 CHRYSLER	1995	3.440"/87.5mm x 3.270"/83.0mm	18
2.0L 1996 CC 122 CID DOHC 16V L4 CHRYSLER	1999	3.440"/87.5mm x 3.270"/83.0mm	18
2.0L 1996 CC 122 CID SOHC 16V L4 CHRYSLER	1999-2002	3.440"/87.5mm x 3.270"/83.0mm	18
2.0L 1996 CC 122 CID DOHC 16V L4 CHRYSLER ECC, ECF	1995-1999	3.450"/87.5mm x 3.270"/83.0mm	18
2.0L 1996 CC 122 CID SOHC 16V L4 CHRYSLER ECB	1995-2005	3.450"/87.5mm x 3.270"/83.0mm	18
2.0L 1996 CC 122 CID DOHC 16V L4 CHRYSLER	1998	3.460"/88.0mm x 3.270"/83.0mm	18
2.2L 135 CID SOHC 8V L4 CHRYSLER	1983-1994	3.440"/87.4mm x 3.620"/92.0mm	19
2.2L 135 CID SOHC 8V L4 CHRYSLER	1981-1986	3.440"/87.5mm x 3.620"/92.0mm	19
2.2L 135 CID DOHC 16V L4 CHRYSLER	1992-1993	3.440"/87.4mm x 3.620"/92.0mm	19
2.3L 2346 CC 143 CID SOHC 8V L4 MITSUBISHI	1983-1985	3.580"/90.9mm x 3.530"/89.9mm	20
2.3L 2346 CC SOHC 8V L4 MITSUBISHI	1983-1985	3.580"/90.9mm x 3.530"/89.9mm	20
2.4L 2351 CC SOHC 8V L4 MITSUBISHI	1990-1992	3.410"/86.5mm x 3.940"/100.0mm	22
2.4L 2351 CC SOHC 8V L4 MITSUBISHI	1993	3.410"/86.5mm x 3.940"/100.0mm	21
2.4L 2351 CC SOHC 16V L4 MITSUBISHI	2001-2005	3.410"/86.5mm x 3.940"/100.0mm	23
2.4L 2429 CC 148 CID DOHC 16V L4 CHRYSLER	1996-2007	3.440"/87.4mm x 3.980"/101.0mm	27
2.4L 2429 CC 148 CID DOHC 16V L4 CHRYSLER EDZ	1995-2006	3.440"/87.5mm x 3.980"/101.0mm	27
2.4L 2429 CC 148 CID DOHC 16V L4 CHRYSLER	1998-2006	3.440"/87.5mm x 3.980"/101.0mm	28
2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER ED3; GEMA	2007-2014	3.460"/88.0mm x 3.820"/97.0mm	24
2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER; GEMA	2008-2009	3.460"/88.0mm x 3.820"/97.0mm	25
2.4L 2360 CC 144 CID DOHC 16V L4 FIAT ED3	2011	3.460"/88.0mm x 3.820"/97.0mm	26
2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER ED3; Gamma	2012	3.460"/88.0mm x 3.820"/97.0mm	17
2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER ED3; GEMA	2014	3.460"/88.0mm x 3.820"/97.0mm	8
2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER EDG; PZEV	2008-2014	3.460"/88.0mm x 3.820"/97.0mm	24
2.5L 2507 CC 153 CID SOHC 8V L4 CHRYSLER	1986-1995	3.440"/87.4mm x 4.090"/103.9mm	29
2.5L 2507 CC 153 CID SOHC 8V L4 CHRYSLER	1989-1995	3.440"/87.4mm x 4.090"/104.0mm	29
2.5L 2507 CC 153 CID OHV 8V L4 CHRYSLER; Magnum	1996-2002	3.880"/98.4mm x 3.190"/81.0mm	30
2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1978-1980	3.590"/91.1mm x 3.860"/98.0mm	32
2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1981-1989	3.590"/91.1mm x 3.860"/98.0mm	12

DODGE

ENGINE	YEAR	BORE & STROKE	BLOCK
2.6L 2555 CC SOHC 8V L4 MITSUBISHI	1983	3.590"/91.1mm x 3.860"/98.0mm	31
2.6L 2555 CC SOHC 8V L4 MITSUBISHI	1984	3.590"/91.1mm x 3.860"/98.0mm	32
2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1984-1986	3.590"/91.1mm x 3.860"/98.0mm	33
2.7L 2687 CC 165 CID DOHC 20V L5 MERCEDES-BENZ	2003-2006	3.460"/87.9mm x 3.480"/88.4mm	34
2.5L 2497 CC 152 CID SOHC 24V V6 MITSUBISHI EEB	1995-2000	3.290"/83.5mm x 2.990"/76.0mm	35
2.7L 2700 CC 167 CID DOHC 24V V6 CHRYSLER EER	1998-2010	3.390"/86.0mm x 3.090"/78.5mm	37
2.7L 2700 CC 167 CID DOHC 24V V6 CHRYSLER EER	2000-2010	3.390"/86.0mm x 3.090"/78.5mm	36
2.8L 2786 CC 170 CID OHV 12V L6 CHRYSLER A170, R17, S17, T17, V17	1961-1969	3.410"/86.5mm x 3.130"/79.5mm	38
2.8L 2786 CC 170 CID OHV 12V L6 CHRYSLER P17	1960	3.410"/86.5mm x 3.130"/79.5mm	39
2.8L 2786 CC 170 CID OHV 12V L6 CHRYSLER R17	1961	3.410"/86.5mm x 3.130"/79.5mm	40
3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI	1987-2000	3.590"/91.1mm x 2.990"/76.0mm	42
3.0L 2987 CC DOHC 24V V6 MERCEDES-BENZ EXM	2007-2009	3.270"/83.0mm x 3.620"/92.0mm	41
3.0L 2972 CC 181 CID DOHC 24V V6 MITSUBISHI 6G72-T	1991-1996	3.590"/91.1mm x 2.990"/76.0mm	42
3.0L 2972 CC 181 CID SOHC 24V V6 MITSUBISHI	2001-2005	3.590"/91.1mm x 2.990"/76.0mm	43
3.0L 2972 CC 181 CID SOHC 24V V6 MITSUBISHI	2002	3.590"/91.1mm x 2.990"/76.0mm	42
3.2L 3254 CC 198 CID OHV 12V L6 CHRYSLER	1970-1974	3.410"/86.5mm x 3.640"/92.5mm	38
3.2L 3231 CC 197 CID SOHC 24V V6 CHRYSLER EGW	1998-2000	3.620"/92.0mm x 3.190"/81.0mm	44
3.3L 3301 CC 201 CID OHV 12V V6 CHRYSLER EGM, EGV	1990-2010	3.660"/93.0mm x 3.190"/81.0mm	45
3.5L 3518 CC 215 CID SOHC 24V V6 CHRYSLER	2001-2009	3.620"/92.0mm x 3.190"/81.0mm	46
3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER	1993-1997	3.780"/96.0mm x 3.190"/81.0mm	50
3.5L 3518 CC 215 CID SOHC 24V V6 CHRYSLER	2000	3.780"/96.0mm x 3.190"/81.0mm	49
3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER	2000-2010	3.780"/96.0mm x 3.190"/81.0mm	48
3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER	2001-2008	3.780"/96.0mm x 3.190"/81.0mm	47
3.5L 3518 CC 215 CID SOHC 24V V6 CHRYSLER EGF	2009-2010	3.780"/96.0mm x 3.190"/81.0mm	51
3.5L 3518 CC 215 CID SOHC 24V V6 CHRYSLER EGG	2006-2007	3.780"/96.0mm x 3.190"/81.0mm	46
3.6L 3570 CC 218 CID L-HEAD 12V L6 CHRYSLER	1942-1955	3.250"/82.5mm x 4.380"/111.1mm	52
3.6L 3605 CC 220 CID DOHC 24V V6 FIAT ERB	2011	3.780"/96.0mm x 3.190"/81.0mm	53
3.6L 3604 CC 220 CID DOHC 24V V6 CHRYSLER ERB; Pentastar	2011-2017	3.780"/96.0mm x 3.270"/83.0mm	54
3.6L 3604 CC 220 CID DOHC 24V V6 CHRYSLER ERB; Pentastar	2014-2016	3.780"/96.0mm x 3.270"/83.0mm	53
3.7L 3739 CC 228 CID L-HEAD 12V L6 CHRYSLER	1948-1956	3.380"/85.7mm x 4.250"/107.9mm	63
3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1975-1979	3.400"/86.4mm x 4.130"/104.6mm	56
3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1975-1980	3.400"/86.4mm x 4.120"/104.6mm	56
3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1977-1980	3.400"/86.4mm x 4.130"/104.6mm	55
3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1977-1980	3.400"/86.4mm x 4.120"/104.6mm	55
3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1978	3.400"/86.4mm x 4.130"/104.6mm	58
3.7L 225 CID OHV 12V L6 CHRYSLER	1979-1980	3.400"/86.4mm x 4.130"/104.6mm	57
3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1979-1987	3.400"/86.4mm x 4.130"/104.6mm	57
3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER A225, R22, S22, T22, V22	1961-1974	3.410"/86.5mm x 4.130"/104.6mm	59
3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1968-1974	3.410"/86.5mm x 4.130"/104.6mm	60
3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1970-1974	3.410"/86.5mm x 4.130"/104.6mm	38
3.7L 226 CID SOHC 12V V6 CHRYSLER; Power-Tech	2002-2005	3.660"/93.0mm x 3.570"/90.7mm	61
3.7L 226 CID SOHC 12V V6 CHRYSLER; Magnum	2004-2011	3.660"/93.0mm x 3.570"/90.7mm	61
3.7L 226 CID SOHC 12V V6 CHRYSLER EKG; Magnum	2008	3.660"/93.0mm x 3.570"/90.7mm	62
3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1942-1960	3.250"/82.5mm x 4.630"/117.5mm	52
3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER P23	1960	3.250"/82.5mm x 4.630"/117.5mm	64
3.8L 230 CID OHV 12V V6 CHRYSLER	1994-2007	3.780"/96.0mm x 3.420"/86.8mm	45
3.8L 230 CID OHV 12V V6 CHRYSLER	2008	3.780"/96.0mm x 3.420"/86.8mm	65
3.8L 3778 CC 231 CID OHV 12V V6 CHRYSLER	2009-2010	3.780"/96.0mm x 3.430"/87.0mm	45
3.9L 3906 CC 239 CID OHV 12V V6 CHRYSLER; Magnum	2000-2003	3.910"/99.3mm x 3.310"/84.1mm	66



DODGE

ENGINE	YEAR	BORE & STROKE	BLOCK
4.0L 3952 CC 241 CID SOHC 12V V6 CHRYSLER EGS	2007-2008	3.780"/96.0mm x 3.580"/91.0mm	67
4.0L 3952 CC 241 CID SOHC 24V V6 CHRYSLER	2007-2011	3.780"/96.0mm x 3.580"/91.0mm	68
4.1L 4114 CC 251 CID L-HEAD 12V L6 CHRYSLER A251, T25, V25	1958-1967	3.440"/87.3mm x 4.500"/114.3mm	69
4.3L 4343 CC 265 CID L-HEAD 12V L6 CHRYSLER	1954-1960	3.440"/87.3mm x 4.750"/120.6mm	70
5.9L 359 CID OHV 12V L6 CUMMINS	1989-1998	4.020"/102.0mm x 4.720"/120.0mm	73
5.9L 359 CID OHV 12V L6 CUMMINS	1994-1996	4.020"/102.0mm x 4.720"/120.0mm	74
5.9L 359 CID OHV 12V L6 CUMMINS	1999-2010	4.020"/102.0mm x 4.720"/120.0mm	71
5.9L 359 CID OHV 12V L6 CUMMINS; HO	2003-2005	4.020"/102.0mm x 4.720"/120.0mm	72
5.9L 359 CID OHV 24V L6 CUMMINS	1998-2004	4.020"/102.0mm x 4.720"/120.0mm	71
5.9L 359 CID OHV 24V L6 CUMMINS; HO	2001-2002	4.020"/102.0mm x 4.720"/120.0mm	75
5.9L 359 CID OHV 24V L6 CUMMINS; HO	2005-2009	4.020"/102.0mm x 4.720"/120.0mm	72
6.7L 408 CID OHV 24V L6 CUMMINS ETK	2013	4.210"/107.0mm x 4.080"/124.0mm	76
4.5L 4473 CC 273 CID OHV 16V V8 CHRYSLER A273	1965-1969	3.630"/92.1mm x 3.310"/84.1mm	77
4.5L 4473 CC 273 CID OHV 16V V8 CHRYSLER V27	1964	3.630"/92.1mm x 3.310"/84.1mm	78
4.7L 287 CID SOHC 16V V8 CHRYSLER; Power-Tech	2000-2004	3.660"/93.0mm x 3.410"/86.5mm	80
4.7L 285 CID SOHC 16V V8 CHRYSLER; Power-Tech	2002-2005	3.660"/93.0mm x 3.410"/86.5mm	80
4.7L 285 CID SOHC 16V V8 CHRYSLER; Magnum	2004-2010	3.660"/93.0mm x 3.410"/86.5mm	79
4.7L 285 CID SOHC 16V V8 CHRYSLER; Magnum HO	2006-2007	3.660"/93.0mm x 3.410"/86.5mm	79
4.7L 285 CID SOHC 16V V8 CHRYSLER; Magnum	2008	3.660"/93.0mm x 3.410"/86.5mm	80
5.1L 5163 CC 315 CID OHV 16V V8 CHRYSLER	1958-1959	3.630"/92.1mm x 3.800"/96.4mm	81
5.1L 5130 CC 313 CID OHV 16V V8 CHRYSLER	1958-1961	3.880"/98.4mm x 3.310"/84.1mm	81
5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER A318	1965-1969	3.910"/99.2mm x 3.310"/84.1mm	77
5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1966-1974	3.910"/99.2mm x 3.310"/84.1mm	82
5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER MD2, P31, R31, S31, T31, V31	1959-1964	3.910"/99.2mm x 3.310"/84.1mm	83
5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1970-1974	3.910"/99.3mm x 3.310"/84.2mm	82
5.2L 318 CID OHV 16V V8 CHRYSLER	1975-1980	3.910"/99.3mm x 3.310"/84.2mm	85
5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1975-1980	3.910"/99.3mm x 3.310"/84.1mm	85
5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1979-1987	3.910"/99.3mm x 3.310"/84.1mm	86
5.2L 318 CID OHV 16V V8 CHRYSLER	1979-1989	3.910"/99.3mm x 3.310"/84.2mm	86
5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1998	3.910"/99.3mm x 3.310"/84.1mm	84
5.2L 5211 CC 318 CID SOHC 16V V8 CHRYSLER	1998	3.910"/99.3mm x 3.310"/84.1mm	84
5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER; Magnum	1998-2000	3.910"/99.3mm x 3.310"/84.1mm	86
5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1999	3.910"/99.3mm x 3.310"/84.1mm	87
5.3L 5343 CC 326 CID OHV 16V V8 CHRYSLER	1959	3.950"/100.4mm x 3.310"/84.1mm	81
5.6L 5572 CC 340 CID OHV 16V V8 CHRYSLER	1968-1973	4.040"/102.5mm x 3.310"/84.1mm	88
5.7L 345 CID OHV 16V V8 CHRYSLER EZB; HEMI	2006-2008	3.920"/99.5mm x 3.580"/90.9mm	89
5.7L 345 CID OHV 16V V8 CHRYSLER EZB; HEMI	2003-2008	3.920"/99.6mm x 3.580"/90.9mm	90
5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2014	3.920"/99.6mm x 3.580"/90.9mm	89
5.7L 345 CID OHV 16V V8 CHRYSLER EZC, EZD, EZE, EZH; HEMI	2009-2013	3.920"/99.6mm x 3.580"/90.9mm	92
5.7L 345 CID OHV 16V V8 CHRYSLER EZC, EZF, EZH; HEMI	2013-2016	3.920"/99.6mm x 3.580"/90.9mm	91
5.7L 345 CID OHV 16V V8 CHRYSLER EZF; HEMI	2012	3.920"/99.6mm x 3.580"/90.9mm	93
5.7L 345 CID OHV 16V V8 CHRYSLER EZH; HEMI	2011-2013	3.920"/99.6mm x 3.580"/90.9mm	94
5.7L 5737 CC 350 CID OHV 16V V8 CHRYSLER	1958	4.060"/103.2mm x 3.380"/85.7mm	95
5.8L 5802 CC 354 CID OHV 16V V8 CHRYSLER	1957	3.940"/100.0mm x 3.630"/92.1mm	96
5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	4.000"/101.6mm x 3.580"/90.9mm	97
5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	4.000"/101.6mm x 3.580"/90.9mm	102
5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	4.000"/101.6mm x 3.580"/90.9mm	102
5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	4.000"/101.6mm x 3.580"/90.9mm	103
5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1974	4.000"/101.6mm x 3.580"/90.9mm	100

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ENGINE	YEAR	BORE & STROKE	BLOCK
5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1974	4.000"/101.6mm x 3.580"/90.9mm	100
5.9L 360 CID OHV 16V V8 CHRYSLER	1975-1980	4.000"/101.6mm x 3.580"/90.9mm	98
5.9L 360 CID OHV 16V V8 CHRYSLER	1979-1988	4.000"/101.6mm x 3.580"/90.9mm	99
5.9L 360 CID OHV 16V V8 CHRYSLER	1980	4.000"/101.6mm x 3.580"/90.9mm	101
5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER A361, D500, MD3H, MD3L, P36, R36, T36	1958-1966	4.130"/104.8mm x 3.380"/85.7mm	95
5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER MD3M, S36, V36	1959-1964	4.130"/104.8mm x 3.380"/85.7mm	104
6.1L 6059 CC 370 CID OHV 16V V8 CHRYSLER; HEMI	2006-2010	4.060"/103.0mm x 3.580"/90.9mm	90
6.1L 6059 CC 370 CID OHV 16V V8 CHRYSLER; HEMI	2007-2009	4.060"/103.0mm x 3.580"/90.9mm	105
6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER A383, T38, V38	1963-1971	4.250"/107.9mm x 3.380"/85.8mm	95
6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER D500	1959	4.250"/107.9mm x 3.380"/85.8mm	106
6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER P38	1960	4.250"/107.9mm x 3.380"/85.8mm	107
6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER R38, S38	1961-1962	4.250"/107.9mm x 3.380"/85.8mm	104
6.4L 6424 CC 392 CID OHV 16V V8 CHRYSLER ESA, ESB, ESG, ESH; HEMI	2014-2016	4.090"/103.9mm x 3.720"/94.5mm	108
6.4L 6424 CC 392 CID OHV 16V V8 CHRYSLER ESG, ESH; HEMI	2011-2014	4.090"/103.9mm x 3.720"/94.5mm	109
6.6L 400 CID OHV 16V V8 CHRYSLER	1975-1978	4.130"/104.8mm x 3.750"/95.2mm	95
6.6L 6556 CC 400 CID OHV 16V V8 CHRYSLER	1971-1974	4.340"/110.2mm x 3.380"/85.7mm	95
6.6L 6555 CC 400 CID OHV 16V V8 CHRYSLER	1971-1974	4.340"/110.2mm x 3.380"/85.8mm	95
6.6L 400 CID OHV 16V V8 CHRYSLER	1975-1978	4.340"/110.2mm x 3.380"/85.7mm	95
6.6L 400 CID OHV 16V V8 CHRYSLER	1975-1978	4.340"/110.2mm x 3.380"/85.8mm	95
6.7L 6769 CC 413 CID OHV 16V V8 CHRYSLER A413	1965	4.190"/106.4mm x 3.750"/95.3mm	107
6.7L 6769 CC 413 CID OHV 16V V8 CHRYSLER R41, S41	1961-1962	4.190"/106.4mm x 3.750"/95.3mm	110
6.7L 6769 CC 413 CID OHV 16V V8 CHRYSLER T41	1963	4.190"/106.4mm x 3.750"/95.3mm	111
7.0L 6981 CC 426 CID OHV 16V V8 CHRYSLER V42, V426	1964-1971	4.250"/107.9mm x 3.750"/95.2mm	107
7.0L 6981 CC 426 CID OHV 16V V8 CHRYSLER A426, T42	1963-1965	4.250"/107.9mm x 3.750"/95.2mm	106
7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER	1966-1974	4.320"/109.7mm x 3.750"/95.2mm	110
7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER; Hi-Perf.	1970-1974	4.320"/109.7mm x 3.750"/95.2mm	110
7.2L 7212 CC 440 CID OHV 16V V8 CHRYSLER	1970-1974	4.320"/109.7mm x 3.750"/95.2mm	110
7.2L 440 CID OHV 16V V8 CHRYSLER	1975-1979	4.320"/109.7mm x 3.750"/95.2mm	110
7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER B440	1966	4.320"/109.7mm x 3.750"/95.2mm	107
8.0L 7990 CC 488 CID OHV 20V V10 CHRYSLER EWB; Magnum	1992-2002	4.000"/101.6mm x 3.880"/98.6mm	112
8.3L 8275 CC 505 CID OHV 20V V10 CHRYSLER	2003-2006	4.030"/102.4mm x 3.960"/100.6mm	113
8.4L 8448 CC 515 CID OHV 20V V10 CHRYSLER	2008-2010	4.070"/103.4mm x 3.960"/100.6mm	113
8.4L 8448 CC 515 CID OHV 20V V10 CHRYSLER	2015-2016	4.070"/103.4mm x 3.960"/100.6mm	114

MODEL	ENGINE	YEAR	BLOCK
1500	3.6L 3604 CC 220 CID DOHC 24V V6 CHRYSLER; Pentastar	2013-2016	54
1500	3.7L 226 CID SOHC 12V V6 CHRYSLER; Magnum	2011	61
1500	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2011-2012	92
1500	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2013-2016	91
2000 GTX	2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI	1990	15
2000 GTX	2.0L 1997 CC 122 CID DOHC 16V L4 MITSUBISHI	1990	16
2500	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2011-2012	92
2500	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2012	93
2500	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2013-2016	91
2500	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2014	89
2500	6.4L 6424 CC 392 CID OHV 16V V8 CHRYSLER; HEMI	2014-2016	108



DODGE

MODEL	ENGINE	YEAR	BLOCK
2500	6.7L 408 CID OHV 24V L6 CUMMINS	2013	76
330	4.5L 4473 CC 273 CID OHV 16V V8 CHRYSLER	1964	78
330	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1963-1964	83
330	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1963-1964	95
330	7.0L 6981 CC 426 CID OHV 16V V8 CHRYSLER	1963	106
330	7.0L 6981 CC 426 CID OHV 16V V8 CHRYSLER	1964	107
3500	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2011-2012	92
3500	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2013-2016	91
3500	6.4L 6424 CC 392 CID OHV 16V V8 CHRYSLER; HEMI	2014-2016	108
3500	6.7L 408 CID OHV 24V L6 CUMMINS	2013	76
400	2.2L 135 CID SOHC 8V L4 CHRYSLER	1982-1983	19
400	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1982-1983	12
440	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1963-1964	83
440	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1963-1964	95
440	7.0L 6981 CC 426 CID OHV 16V V8 CHRYSLER	1963	106
440	7.0L 6981 CC 426 CID OHV 16V V8 CHRYSLER	1964	107
4500	6.4L 6424 CC 392 CID OHV 16V V8 CHRYSLER; HEMI	2014-2016	108
5500	6.4L 6424 CC 392 CID OHV 16V V8 CHRYSLER; HEMI	2014-2016	108
600	2.2L 135 CID SOHC 8V L4 CHRYSLER	1983-1988	19
600	2.5L 2507 CC 153 CID SOHC 8V L4 CHRYSLER	1986-1988	29
600	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1983-1985	12
880	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER	1962-1964	104
880	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER	1963	95
880	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1963-1965	95
880	6.7L 6769 CC 413 CID OHV 16V V8 CHRYSLER	1963	111
880	6.7L 6769 CC 413 CID OHV 16V V8 CHRYSLER	1965	107
880	7.0L 6981 CC 426 CID OHV 16V V8 CHRYSLER	1964	107
880	7.0L 6981 CC 426 CID OHV 16V V8 CHRYSLER	1965	106
A100	2.8L 2786 CC 170 CID OHV 12V L6 CHRYSLER	1964-1966	38
A100	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1964-1966	59
A100	4.5L 4473 CC 273 CID OHV 16V V8 CHRYSLER	1964	78
A100	4.5L 4473 CC 273 CID OHV 16V V8 CHRYSLER	1965-1966	77
A100	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1970	82
Aries	2.2L 135 CID SOHC 8V L4 CHRYSLER	1981-1989	19
Aries	2.5L 2507 CC 153 CID SOHC 8V L4 CHRYSLER	1986-1989	29
Aries	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1981-1985	12
Aspen	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1976-1980	56
Aspen	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1977-1980	55
Aspen	5.2L 318 CID OHV 16V V8 CHRYSLER	1976-1980	85
Aspen	5.2L 318 CID OHV 16V V8 CHRYSLER	1979	86
Aspen	5.9L 360 CID OHV 16V V8 CHRYSLER	1976-1980	98
Avenger	2.0L 1996 CC 122 CID DOHC 16V L4 CHRYSLER	1995-1999	18
Avenger	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER; GEMA	2008-2014	24
Avenger	2.5L 2497 CC 152 CID SOHC 24V V6 MITSUBISHI	1995-2000	35
Avenger	2.7L 2700 CC 167 CID DOHC 24V V6 CHRYSLER	2008-2010	37
Avenger	2.7L 2700 CC 167 CID DOHC 24V V6 CHRYSLER	2009	36
Avenger	3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER	2008	47
Avenger	3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER	2009-2010	48
Avenger	3.5L 3518 CC 215 CID SOHC 24V V6 CHRYSLER	2009	46
Avenger	3.6L 3604 CC 220 CID DOHC 24V V6 CHRYSLER; Pentastar	2011-2014	54

DODGE

MODEL	ENGINE	YEAR	BLOCK
B-1	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1948-1949	52
B100	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1975-1979	56
B100	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1979-1980	57
B100	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1975-1980	85
B100	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1979-1980	86
B100	5.9L 360 CID OHV 16V V8 CHRYSLER	1976-1978	98
B100 Van	3.2L 3254 CC 198 CID OHV 12V L6 CHRYSLER	1971-1973	38
B100 Van	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1971	60
B100 Van	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1971	38
B100 Van	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1971-1974	59
B100 Van	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1971-1974	82
B100 Van	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	102
B100 Van	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1973	97
B100 Van	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
B100 Van	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	103
B100 Van	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
B100 Van	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER	1974	110
B100 Van	7.2L 7212 CC 440 CID OHV 16V V8 CHRYSLER	1974	110
B150	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1981-1987	57
B150	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1981-1987	86
B-1 Truck	3.6L 3570 CC 218 CID L-HEAD 12V L6 CHRYSLER	1948-1949	52
B-1 Truck	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1948-1949	52
B-2	3.6L 3570 CC 218 CID L-HEAD 12V L6 CHRYSLER	1950	52
B-2	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1950	52
B200	3.7L 225 CID OHV 12V L6 CHRYSLER	1979	57
B200	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1975-1978	56
B200	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1980	57
B200	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1975-1980	85
B200	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1979-1980	86
B200	5.9L 360 CID OHV 16V V8 CHRYSLER	1975-1979	98
B200	5.9L 360 CID OHV 16V V8 CHRYSLER	1979-1980	99
B200	6.6L 400 CID OHV 16V V8 CHRYSLER	1976-1978	95
B200	7.2L 440 CID OHV 16V V8 CHRYSLER	1975-1978	110
B200 Van	3.2L 3254 CC 198 CID OHV 12V L6 CHRYSLER	1971-1973	38
B200 Van	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1971	38
B200 Van	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1971	60
B200 Van	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1971-1974	59
B200 Van	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1971-1974	82
B200 Van	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	102
B200 Van	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
B200 Van	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	103
B200 Van	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
B200 Van	6.6L 6555 CC 400 CID OHV 16V V8 CHRYSLER	1971-1974	95
B200 Van	6.6L 6556 CC 400 CID OHV 16V V8 CHRYSLER	1971-1974	95
B200 Van	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER	1974	110
B200 Van	7.2L 7212 CC 440 CID OHV 16V V8 CHRYSLER	1974	110
B250	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1981-1987	57
B250	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1981-1987	86
B250	5.9L 360 CID OHV 16V V8 CHRYSLER	1981-1988	99
B2500	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER; Magnum	1998	86



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MODEL	ENGINE	YEAR	BLOCK
B-3	3.6L 3570 CC 218 CID L-HEAD 12V L6 CHRYSLER	1951-1952	52
B-3	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1951-1952	52
B300	3.7L 225 CID OHV 12V L6 CHRYSLER	1980	57
B300	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1975-1979	56
B300	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1979	57
B300	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1975-1980	85
B300	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1979-1980	86
B300	5.9L 360 CID OHV 16V V8 CHRYSLER	1975-1979	98
B300	5.9L 360 CID OHV 16V V8 CHRYSLER	1979-1980	99
B300	6.6L 400 CID OHV 16V V8 CHRYSLER	1976-1978	95
B300	7.2L 440 CID OHV 16V V8 CHRYSLER	1975-1978	110
B300 Van	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1971-1974	38
B300 Van	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1971-1974	60
B300 Van	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1971-1974	59
B300 Van	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1971-1974	82
B300 Van	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	102
B300 Van	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
B300 Van	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	103
B300 Van	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
B300 Van	6.6L 6555 CC 400 CID OHV 16V V8 CHRYSLER	1972-1974	95
B300 Van	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER	1974	110
B350	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1981-1987	86
B350	5.9L 360 CID OHV 16V V8 CHRYSLER	1981-1988	99
B3500	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER; Magnum	1998	86
B-3 Van	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1951-1952	52
B-4	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1953	52
B-4 Truck	3.6L 3570 CC 218 CID L-HEAD 12V L6 CHRYSLER	1953	52
B-4 Truck	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1953	52
C/V	3.6L 3604 CC 220 CID DOHC 24V V6 CHRYSLER; Pentastar	2012-2015	54
C-1	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1954	52
C-1 Truck	3.6L 3570 CC 218 CID L-HEAD 12V L6 CHRYSLER	1954-1955	52
C-1 Truck	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1954-1955	52
C-3	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1954-1956	52
C-4	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1956	52
Caliber	1.8L 1798 CC 110 CID DOHC 16V L4 CHRYSLER; GEMA	2007-2009	8
Caliber	2.0L 1998 CC 122 CID DOHC 16V L4 CHRYSLER; GEMA	2007-2012	17
Caliber	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER; GEMA	2007-2011	24
Caliber	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER; GEMA	2008-2009	25
Caravan	2.2L 135 CID SOHC 8V L4 CHRYSLER	1984-1987	19
Caravan	2.4L 2429 CC 148 CID DOHC 16V L4 CHRYSLER	1996-2007	27
Caravan	2.5L 2507 CC 153 CID SOHC 8V L4 CHRYSLER	1988-1995	29
Caravan	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1984-1987	12
Caravan	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI	1987-2000	42
Caravan	3.3L 3301 CC 201 CID OHV 12V V6 CHRYSLER	1990-2007	45
Caravan	3.8L 230 CID OHV 12V V6 CHRYSLER	1996-1999	45
CB300	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1973-1974	59
CB300	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1975	56
CB300	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1977-1978	55
CB300	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1979	57
CB300	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1975-1979	85

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MODEL	ENGINE	YEAR	BLOCK
CB300	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1979-1980	86
CB300	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1973-1974	82
CB300	5.9L 360 CID OHV 16V V8 CHRYSLER	1975-1979	98
CB300	5.9L 360 CID OHV 16V V8 CHRYSLER	1979-1980	99
CB300	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1973-1974	102
CB300	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1974	103
CB300	6.6L 400 CID OHV 16V V8 CHRYSLER	1976-1978	95
CB300	7.2L 440 CID OHV 16V V8 CHRYSLER	1977-1979	110
Challenger	1.6L 1597 CC 98 CID SOHC 8V L4 MITSUBISHI	1978-1979	4
Challenger	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1978-1980	32
Challenger	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1981-1983	12
Challenger	3.2L 3254 CC 198 CID OHV 12V L6 CHRYSLER	1970-1971	38
Challenger	3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER	2009-2010	48
Challenger	3.6L 3604 CC 220 CID DOHC 24V V6 CHRYSLER; Pentastar	2011-2017	54
Challenger	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1970-1972	60
Challenger	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1970-1974	82
Challenger	5.6L 5572 CC 340 CID OHV 16V V8 CHRYSLER	1970-1973	88
Challenger	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2009-2013	92
Challenger	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	102
Challenger	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
Challenger	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
Challenger	6.1L 6059 CC 370 CID OHV 16V V8 CHRYSLER; HEMI	2008-2010	90
Challenger	6.1L 6059 CC 370 CID OHV 16V V8 CHRYSLER; HEMI	2009	105
Challenger	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1970-1971	95
Challenger	6.4L 6424 CC 392 CID OHV 16V V8 CHRYSLER; HEMI	2011-2014	109
Challenger	6.4L 6424 CC 392 CID OHV 16V V8 CHRYSLER; HEMI	2015-2016	108
Challenger	6.6L 6555 CC 400 CID OHV 16V V8 CHRYSLER	1972-1974	95
Challenger	7.0L 6981 CC 426 CID OHV 16V V8 CHRYSLER	1970-1971	107
Challenger	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER; Hi-Perf.	1970-1972	110
Challenger	7.2L 7212 CC 440 CID OHV 16V V8 CHRYSLER	1970	110
Charger	2.2L 135 CID SOHC 8V L4 CHRYSLER	1983-1987	19
Charger	2.7L 2700 CC 167 CID DOHC 24V V6 CHRYSLER	2006-2008	37
Charger	2.7L 2700 CC 167 CID DOHC 24V V6 CHRYSLER	2009-2010	36
Charger	3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER	2006-2008	47
Charger	3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER	2009-2010	48
Charger	3.5L 3518 CC 215 CID SOHC 24V V6 CHRYSLER	2006-2007	46
Charger	3.6L 3604 CC 220 CID DOHC 24V V6 CHRYSLER; Pentastar	2011-2017	54
Charger	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1968-1969	59
Charger	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1970-1974	60
Charger	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1976	56
Charger	4.5L 4473 CC 273 CID OHV 16V V8 CHRYSLER	1967	77
Charger	5.2L 318 CID OHV 16V V8 CHRYSLER	1975-1978	85
Charger	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1966-1974	82
Charger	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1967-1969	77
Charger	5.6L 5572 CC 340 CID OHV 16V V8 CHRYSLER	1970-1973	88
Charger	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2006-2008	90
Charger	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2009-2013	92
Charger	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2011-2013	94
Charger	5.9L 360 CID OHV 16V V8 CHRYSLER	1975-1978	98
Charger	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	102



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MODEL	ENGINE	YEAR	BLOCK
Charger	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
Charger	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1974	102
Charger	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
Charger	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER	1966	95
Charger	6.1L 6059 CC 370 CID OHV 16V V8 CHRYSLER; HEMI	2006-2010	90
Charger	6.1L 6059 CC 370 CID OHV 16V V8 CHRYSLER; HEMI	2007-2008	105
Charger	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1966-1971	95
Charger	6.4L 6424 CC 392 CID OHV 16V V8 CHRYSLER; HEMI	2012-2014	109
Charger	6.4L 6424 CC 392 CID OHV 16V V8 CHRYSLER; HEMI	2015-2016	108
Charger	6.6L 400 CID OHV 16V V8 CHRYSLER	1975-1978	95
Charger	6.6L 6555 CC 400 CID OHV 16V V8 CHRYSLER	1972-1974	95
Charger	6.6L 6556 CC 400 CID OHV 16V V8 CHRYSLER	1972-1974	95
Charger	7.0L 6981 CC 426 CID OHV 16V V8 CHRYSLER	1966-1971	107
Charger	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER; Hi-Perf.	1967-1974	110
Charger	7.2L 7212 CC 440 CID OHV 16V V8 CHRYSLER	1970-1974	110
Colt	1.4L 1410 CC SOHC 8V L4 MITSUBISHI	1979-1984	1
Colt	1.5L 1468 CC 90 CID SOHC 8V L4 MITSUBISHI	1985-1988	1
Colt	1.5L 1468 CC 90 CID SOHC 8V L4 MITSUBISHI	1989-1990	2
Colt	1.5L 1468 CC 90 CID SOHC 12V L4 MITSUBISHI	1991-1995	3
Colt	1.6L 1597 CC 98 CID SOHC 8V L4 MITSUBISHI	1971-1986	5
Colt	1.6L 1597 CC 98 CID SOHC 8V L4 MITSUBISHI	1975-1988	4
Colt	1.6L 1597 CC 98 CID DOHC 16V L4 MITSUBISHI	1989-1990	4
Colt	1.8L 1754 CC 107 CID SOHC 8V L4 MITSUBISHI	1989-1990	7
Colt	1.8L 1834 CC 112 CID SOHC 16V L4 MITSUBISHI	1993-1994	9
Colt	2.0L 1995 CC 122 CID SOHC 8V L4 MITSUBISHI	1974-1977	13
Colt	2.0L 1995 CC 122 CID SOHC 8V L4 MITSUBISHI	1984	10
Colt	2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI	1985-1988	14
Colt	2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI	1989-1991	15
Colt	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1978-1980	32
Conquest	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1984-1986	33
Coronet	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1965-1969	59
Coronet	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1970-1974	60
Coronet	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1975-1976	56
Coronet	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1949-1959	52
Coronet	4.5L 4473 CC 273 CID OHV 16V V8 CHRYSLER	1965-1968	77
Coronet	5.2L 318 CID OHV 16V V8 CHRYSLER	1975-1976	85
Coronet	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1965-1969	77
Coronet	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1966-1974	82
Coronet	5.3L 5343 CC 326 CID OHV 16V V8 CHRYSLER	1959	81
Coronet	5.6L 5572 CC 340 CID OHV 16V V8 CHRYSLER	1970-1973	88
Coronet	5.7L 5737 CC 350 CID OHV 16V V8 CHRYSLER	1958	95
Coronet	5.8L 5802 CC 354 CID OHV 16V V8 CHRYSLER	1957	96
Coronet	5.9L 360 CID OHV 16V V8 CHRYSLER	1975-1976	98
Coronet	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	102
Coronet	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
Coronet	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1973-1974	102
Coronet	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
Coronet	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER	1958-1966	95
Coronet	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER	1959	104
Coronet	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1959	106

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MODEL	ENGINE	YEAR	BLOCK
Coronet	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1965-1971	95
Coronet	6.6L 400 CID OHV 16V V8 CHRYSLER	1975-1976	95
Coronet	6.6L 6555 CC 400 CID OHV 16V V8 CHRYSLER	1972-1974	95
Coronet	6.6L 6556 CC 400 CID OHV 16V V8 CHRYSLER	1972-1974	95
Coronet	7.0L 6981 CC 426 CID OHV 16V V8 CHRYSLER	1965	106
Coronet	7.0L 6981 CC 426 CID OHV 16V V8 CHRYSLER	1966-1970	107
Coronet	7.2L 440 CID OHV 16V V8 CHRYSLER	1975-1976	110
Coronet	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER; Hi-Perf.	1967-1974	110
Coronet	7.2L 7212 CC 440 CID OHV 16V V8 CHRYSLER	1970-1974	110
Custom	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1946-1958	52
Custom	5.3L 5343 CC 326 CID OHV 16V V8 CHRYSLER	1959	81
Custom	5.7L 5737 CC 350 CID OHV 16V V8 CHRYSLER	1958	95
Custom	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER	1958-1961	95
Custom	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER	1959	104
Custom	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1959	106
Custom	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1960	107
Custom	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1961	104
Custom	6.7L 6769 CC 413 CID OHV 16V V8 CHRYSLER	1961	110
Custom Series D-22	3.6L 3570 CC 218 CID L-HEAD 12V L6 CHRYSLER	1942	52
Custom Series D-22	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1942	52
D100	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1975-1976	56
D100	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1977-1979	55
D100	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1979-1987	57
D100	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1975-1979	85
D100	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1979-1987	86
D100	5.9L 360 CID OHV 16V V8 CHRYSLER	1975-1979	98
D100	5.9L 360 CID OHV 16V V8 CHRYSLER	1986-1988	99
D100	6.6L 400 CID OHV 16V V8 CHRYSLER	1976-1978	95
D100	7.2L 440 CID OHV 16V V8 CHRYSLER	1975-1978	110
D100 Pickup	3.2L 3254 CC 198 CID OHV 12V L6 CHRYSLER	1970-1973	38
D100 Pickup	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1968-1974	60
D100 Pickup	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1968-1974	59
D100 Pickup	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1970-1974	38
D100 Pickup	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1957-1959	52
D100 Pickup	5.1L 5130 CC 313 CID OHV 16V V8 CHRYSLER	1958-1959	81
D100 Pickup	5.1L 5163 CC 315 CID OHV 16V V8 CHRYSLER	1958-1959	81
D100 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1959	83
D100 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1968-1969	77
D100 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1968-1974	82
D100 Pickup	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	102
D100 Pickup	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	97
D100 Pickup	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
D100 Pickup	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	103
D100 Pickup	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
D100 Pickup	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1968-1971	95
D100 Pickup	6.6L 6555 CC 400 CID OHV 16V V8 CHRYSLER	1971-1974	95
D100 Pickup	6.6L 6556 CC 400 CID OHV 16V V8 CHRYSLER	1971-1974	95
D100 Pickup	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER	1973-1974	110
D100 Pickup	7.2L 7212 CC 440 CID OHV 16V V8 CHRYSLER	1973-1974	110
D100 Series	2.8L 2786 CC 170 CID OHV 12V L6 CHRYSLER	1961-1966	38



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MODEL	ENGINE	YEAR	BLOCK
D100 Series	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1961-1967	59
D100 Series	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1960	52
D100 Series	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1960	64
D100 Series	5.1L 5130 CC 313 CID OHV 16V V8 CHRYSLER	1960-1961	81
D100 Series	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1960-1964	83
D100 Series	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1965	77
D100 Series	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1966-1967	82
D100 Series	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1967	95
D150	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1977-1979	55
D150	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1978	58
D150	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1979-1987	57
D150	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1977-1980	85
D150	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1979-1987	86
D150	5.9L 360 CID OHV 16V V8 CHRYSLER	1977-1979	98
D150	5.9L 360 CID OHV 16V V8 CHRYSLER	1979-1988	99
D150	5.9L 360 CID OHV 16V V8 CHRYSLER	1980	101
D150	6.6L 400 CID OHV 16V V8 CHRYSLER	1977-1978	95
D150	7.2L 440 CID OHV 16V V8 CHRYSLER	1978	110
D200	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1975-1976	56
D200	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1977-1979	55
D200	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1979-1980	57
D200	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1975-1980	85
D200	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1979-1980	86
D200	5.9L 360 CID OHV 16V V8 CHRYSLER	1975-1979	98
D200	5.9L 360 CID OHV 16V V8 CHRYSLER	1979-1980	99
D200	6.6L 400 CID OHV 16V V8 CHRYSLER	1975-1978	95
D200	7.2L 440 CID OHV 16V V8 CHRYSLER	1975-1978	110
D200 Pickup	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1968-1974	59
D200 Pickup	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1970-1974	38
D200 Pickup	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1970-1974	60
D200 Pickup	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1957-1959	52
D200 Pickup	5.1L 5130 CC 313 CID OHV 16V V8 CHRYSLER	1958-1959	81
D200 Pickup	5.1L 5163 CC 315 CID OHV 16V V8 CHRYSLER	1958-1959	81
D200 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1959	83
D200 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1968-1969	77
D200 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1968-1974	82
D200 Pickup	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	102
D200 Pickup	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	97
D200 Pickup	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
D200 Pickup	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	103
D200 Pickup	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
D200 Pickup	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1968-1971	95
D200 Pickup	6.6L 6555 CC 400 CID OHV 16V V8 CHRYSLER	1971-1974	95
D200 Pickup	6.6L 6556 CC 400 CID OHV 16V V8 CHRYSLER	1971-1974	95
D200 Pickup	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER	1973-1974	110
D200 Pickup	7.2L 7212 CC 440 CID OHV 16V V8 CHRYSLER	1973-1974	110
D200 Series	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1961-1967	59
D200 Series	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1960	52
D200 Series	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1960	64
D200 Series	5.1L 5130 CC 313 CID OHV 16V V8 CHRYSLER	1960-1961	81



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MODEL	ENGINE	YEAR	BLOCK
D200 Series	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1960-1964	83
D200 Series	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1965	77
D200 Series	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1966-1967	82
D200 Series	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1967	95
D250	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1981-1987	57
D250	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1981-1987	86
D250	5.9L 359 CID OHV 12V L6 CUMMINS	1989-1993	73
D250	5.9L 360 CID OHV 16V V8 CHRYSLER	1981-1988	99
D300	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1975-1977	56
D300	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1977-1978	55
D300	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1975-1980	85
D300	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1980	86
D300	5.9L 360 CID OHV 16V V8 CHRYSLER	1975-1979	98
D300	5.9L 360 CID OHV 16V V8 CHRYSLER	1979-1980	99
D300	6.6L 400 CID OHV 16V V8 CHRYSLER	1976-1978	95
D300	7.2L 440 CID OHV 16V V8 CHRYSLER	1975-1978	110
D300 Pickup	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1968-1974	60
D300 Pickup	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1968-1974	59
D300 Pickup	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1970-1974	38
D300 Pickup	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1957-1959	52
D300 Pickup	5.1L 5130 CC 313 CID OHV 16V V8 CHRYSLER	1958-1959	81
D300 Pickup	5.1L 5163 CC 315 CID OHV 16V V8 CHRYSLER	1958-1959	81
D300 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1959	83
D300 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1968-1969	77
D300 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1968-1974	82
D300 Pickup	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	102
D300 Pickup	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	97
D300 Pickup	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
D300 Pickup	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1972-1974	103
D300 Pickup	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1968-1971	95
D300 Pickup	6.6L 6555 CC 400 CID OHV 16V V8 CHRYSLER	1971-1974	95
D300 Pickup	6.6L 6556 CC 400 CID OHV 16V V8 CHRYSLER	1971-1974	95
D300 Pickup	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER	1972-1974	110
D300 Pickup	7.2L 7212 CC 440 CID OHV 16V V8 CHRYSLER	1973-1974	110
D300 Series	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1961-1967	59
D300 Series	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1960	52
D300 Series	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1960	64
D300 Series	4.3L 4343 CC 265 CID L-HEAD 12V L6 CHRYSLER	1960	70
D300 Series	5.1L 5130 CC 313 CID OHV 16V V8 CHRYSLER	1960-1961	81
D300 Series	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1960-1964	83
D300 Series	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1965	77
D300 Series	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1966-1967	82
D300 Series	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1967	95
D350	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1981-1983	86
D350	5.9L 359 CID OHV 12V L6 CUMMINS	1989-1993	73
D350	5.9L 360 CID OHV 16V V8 CHRYSLER	1981-1988	99
D400	5.9L 360 CID OHV 16V V8 CHRYSLER	1978	98
D400	5.9L 360 CID OHV 16V V8 CHRYSLER	1979-1981	99
D400	7.2L 440 CID OHV 16V V8 CHRYSLER	1978	110
D450	5.9L 360 CID OHV 16V V8 CHRYSLER	1978	98



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MODEL	ENGINE	YEAR	BLOCK
D450	5.9L 360 CID OHV 16V V8 CHRYSLER	1979-1981	99
D450	7.2L 440 CID OHV 16V V8 CHRYSLER	1978	110
D50	2.0L 1995 CC 122 CID SOHC 8V L4 MITSUBISHI	1979-1980	12
D50	2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI	1981-1982	11
D50	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1979-1980	32
D50	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1981-1982	12
Dakota	2.2L 135 CID SOHC 8V L4 CHRYSLER	1987-1988	19
Dakota	2.5L 2507 CC 153 CID SOHC 8V L4 CHRYSLER	1989-1995	29
Dakota	2.5L 2507 CC 153 CID OHV 8V L4 CHRYSLER; Magnum	1996-2002	30
Dakota	3.7L 226 CID SOHC 12V V6 CHRYSLER; Power-Tech	2004-2011	61
Dakota	3.7L 226 CID SOHC 12V V6 CHRYSLER; Magnum	2008	62
Dakota	4.7L 285 CID SOHC 16V V8 CHRYSLER; Power-Tech	2002-2008	80
Dakota	4.7L 285 CID SOHC 16V V8 CHRYSLER; Magnum	2006-2010	79
Dakota	4.7L 287 CID SOHC 16V V8 CHRYSLER; Power-Tech	2000-2001	80
Dart	2.8L 2786 CC 170 CID OHV 12V L6 CHRYSLER	1960	39
Dart	2.8L 2786 CC 170 CID OHV 12V L6 CHRYSLER	1961	40
Dart	2.8L 2786 CC 170 CID OHV 12V L6 CHRYSLER	1961-1969	38
Dart	3.2L 3254 CC 198 CID OHV 12V L6 CHRYSLER	1970-1974	38
Dart	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1961-1969	59
Dart	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1970-1974	60
Dart	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1975-1976	56
Dart	4.5L 4473 CC 273 CID OHV 16V V8 CHRYSLER	1964	78
Dart	4.5L 4473 CC 273 CID OHV 16V V8 CHRYSLER	1965-1969	77
Dart	5.2L 318 CID OHV 16V V8 CHRYSLER	1975-1976	85
Dart	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1960-1962	83
Dart	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1968-1969	77
Dart	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1970-1974	82
Dart	5.6L 5572 CC 340 CID OHV 16V V8 CHRYSLER	1968-1973	88
Dart	5.9L 360 CID OHV 16V V8 CHRYSLER	1975-1976	98
Dart	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	102
Dart	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
Dart	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
Dart	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER	1960-1961	95
Dart	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER	1962	104
Dart	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1960	107
Dart	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1961-1962	104
Dart	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1967-1969	95
Dart	6.7L 6769 CC 413 CID OHV 16V V8 CHRYSLER	1961-1962	110
Daytona	2.2L 135 CID SOHC 8V L4 CHRYSLER	1984-1990	19
Daytona	2.2L 135 CID DOHC 16V L4 CHRYSLER	1992-1993	19
Daytona	2.5L 2507 CC 153 CID SOHC 8V L4 CHRYSLER	1986-1993	29
Daytona	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI	1990-1993	42
Deluxe	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1946-1948	52
Deluxe Series D-22	3.6L 3570 CC 218 CID L-HEAD 12V L6 CHRYSLER	1942	52
Deluxe Series D-22	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1942	52
Diplomat	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1978-1980	55
Diplomat	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1978-1980	56
Diplomat	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1981-1983	57
Diplomat	5.2L 318 CID OHV 16V V8 CHRYSLER	1977-1980	85
Diplomat	5.2L 318 CID OHV 16V V8 CHRYSLER	1979-1989	86

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MODEL	ENGINE	YEAR	BLOCK
Diplomat	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1983-1985	86
Diplomat	5.9L 360 CID OHV 16V V8 CHRYSLER	1978-1979	98
Durango	3.6L 3604 CC 220 CID DOHC 24V V6 CHRYSLER; Pentastar	2011-2015	54
Durango	3.6L 3604 CC 220 CID DOHC 24V V6 CHRYSLER; Pentastar	2014-2015	53
Durango	3.7L 226 CID SOHC 12V V6 CHRYSLER; Magnum	2004-2009	61
Durango	4.7L 285 CID SOHC 16V V8 CHRYSLER; Power-Tech	2002-2008	80
Durango	4.7L 285 CID SOHC 16V V8 CHRYSLER; Magnum	2004-2009	79
Durango	4.7L 287 CID SOHC 16V V8 CHRYSLER; Power-Tech	2000-2001	80
Durango	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2004-2008	90
Durango	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2006-2008	89
Durango	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2009-2013	92
Durango	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2013	94
Dynasty	2.5L 2507 CC 153 CID SOHC 8V L4 CHRYSLER	1988-1993	29
Dynasty	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI	1988-1993	42
Dynasty	3.3L 3301 CC 201 CID OHV 12V V6 CHRYSLER	1990-1993	45
Grand Caravan	2.4L 2429 CC 148 CID DOHC 16V L4 CHRYSLER	1996-1997	27
Grand Caravan	2.5L 2507 CC 153 CID SOHC 8V L4 CHRYSLER	1987-1989	29
Grand Caravan	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI	1987-2000	42
Grand Caravan	3.3L 3301 CC 201 CID OHV 12V V6 CHRYSLER	1990-2010	45
Grand Caravan	3.6L 3604 CC 220 CID DOHC 24V V6 CHRYSLER; Pentastar	2011-2016	54
Grand Caravan	3.8L 230 CID OHV 12V V6 CHRYSLER	1994-2007	45
Grand Caravan	3.8L 230 CID OHV 12V V6 CHRYSLER	2008	65
Grand Caravan	3.8L 3778 CC 231 CID OHV 12V V6 CHRYSLER	2009-2010	45
Grand Caravan	4.0L 3952 CC 241 CID SOHC 24V V6 CHRYSLER	2008-2010	68
Intrepid	2.7L 2700 CC 167 CID DOHC 24V V6 CHRYSLER	1998-2004	37
Intrepid	2.7L 2700 CC 167 CID DOHC 24V V6 CHRYSLER	2000-2001	36
Intrepid	3.2L 3231 CC 197 CID SOHC 24V V6 CHRYSLER	1998-2000	44
Intrepid	3.3L 3301 CC 201 CID OHV 12V V6 CHRYSLER	1993-1997	45
Intrepid	3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER	1993-1997	50
Intrepid	3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER	2000-2004	48
Intrepid	3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER	2001-2004	47
Intrepid	3.5L 3518 CC 215 CID SOHC 24V V6 CHRYSLER	2000	49
Intrepid	3.5L 3518 CC 215 CID SOHC 24V V6 CHRYSLER	2001	46
Journey	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER; GEMA	2009-2013	24
Journey	2.4L 2360 CC 144 CID DOHC 16V L4 FIAT	2011	26
Journey	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER; Gamma	2012	17
Journey	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER; GEMA	2014	8
Journey	3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER	2009-2010	48
Journey	3.5L 3518 CC 215 CID SOHC 24V V6 CHRYSLER	2009-2010	51
Journey	3.6L 3604 CC 220 CID DOHC 24V V6 CHRYSLER; Pentastar	2011-2016	54
Journey	3.6L 3605 CC 220 CID DOHC 24V V6 FIAT	2011	53
Lancer	2.2L 135 CID SOHC 8V L4 CHRYSLER	1985-1989	19
Lancer	2.5L 2507 CC 153 CID SOHC 8V L4 CHRYSLER	1986-1989	29
Lancer	2.8L 2786 CC 170 CID OHV 12V L6 CHRYSLER	1961	40
Lancer	2.8L 2786 CC 170 CID OHV 12V L6 CHRYSLER	1961-1962	38
Lancer	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1961-1962	59
Lancer	5.3L 5343 CC 326 CID OHV 16V V8 CHRYSLER	1959	81
Lancer	5.7L 5737 CC 350 CID OHV 16V V8 CHRYSLER	1958	95
Lancer	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER	1958-1959	95
Lancer	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER	1959	104



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MODEL	ENGINE	YEAR	BLOCK
Lancer	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1959	106
Lancer	6.7L 6769 CC 413 CID OHV 16V V8 CHRYSLER	1961	110
M300	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1968-1974	82
M300	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER	1974	110
Magnum	2.7L 2700 CC 167 CID DOHC 24V V6 CHRYSLER	2005-2008	36
Magnum	3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER	2005-2008	48
Magnum	5.2L 318 CID OHV 16V V8 CHRYSLER	1978-1979	85
Magnum	5.2L 318 CID OHV 16V V8 CHRYSLER	1979	86
Magnum	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2005-2008	90
Magnum	5.9L 360 CID OHV 16V V8 CHRYSLER	1978-1979	98
Magnum	6.1L 6059 CC 370 CID OHV 16V V8 CHRYSLER; HEMI	2006-2008	90
Magnum	6.6L 400 CID OHV 16V V8 CHRYSLER	1978	95
Matador	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1960	83
Matador	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER	1960	95
Matador	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1960	107
MB300	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1970-1974	82
MB300	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER	1974	110
Meadowbrook	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1949-1954	52
Mini Ram	2.2L 135 CID SOHC 8V L4 CHRYSLER	1984-1987	19
Mini Ram	2.5L 2507 CC 153 CID SOHC 8V L4 CHRYSLER	1987-1988	29
Mini Ram	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1984-1987	12
Mini Ram	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI	1987-1988	42
Mirada	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1980	55
Mirada	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1980	56
Mirada	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1981-1983	57
Mirada	5.2L 318 CID OHV 16V V8 CHRYSLER	1980	85
Mirada	5.2L 318 CID OHV 16V V8 CHRYSLER	1981-1983	86
Mirada	5.9L 360 CID OHV 16V V8 CHRYSLER	1980	98
Monaco	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1977-1978	55
Monaco	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1977-1978	56
Monaco	5.2L 318 CID OHV 16V V8 CHRYSLER	1975-1978	85
Monaco	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1968-1969	77
Monaco	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1970-1974	82
Monaco	5.9L 360 CID OHV 16V V8 CHRYSLER	1975-1978	98
Monaco	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	102
Monaco	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
Monaco	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	102
Monaco	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
Monaco	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1965-1971	95
Monaco	6.6L 400 CID OHV 16V V8 CHRYSLER	1975-1978	95
Monaco	6.6L 6555 CC 400 CID OHV 16V V8 CHRYSLER	1972-1974	95
Monaco	6.6L 6556 CC 400 CID OHV 16V V8 CHRYSLER	1972-1974	95
Monaco	6.7L 6769 CC 413 CID OHV 16V V8 CHRYSLER	1965	107
Monaco	7.0L 6981 CC 426 CID OHV 16V V8 CHRYSLER	1965	106
Monaco	7.2L 440 CID OHV 16V V8 CHRYSLER	1975-1978	110
Monaco	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER	1966	107
Monaco	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER; Hi-Perf.	1966-1974	110
Monaco	7.2L 7212 CC 440 CID OHV 16V V8 CHRYSLER	1970-1974	110
Neon	2.0L 1996 CC 122 CID DOHC 16V L4 CHRYSLER	1995-1999	18
Neon	2.0L 1996 CC 122 CID SOHC 16V L4 CHRYSLER	1995-2005	18



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MODEL	ENGINE	YEAR	BLOCK
Neon	2.0L 1997 CC 122 CID DOHC 16V L4 CHRYSLER	1995	18
Neon	2.4L 2429 CC 148 CID DOHC 16V L4 CHRYSLER	2003-2005	27
Nitro	3.7L 226 CID SOHC 12V V6 CHRYSLER; Magnum	2007-2011	61
Nitro	3.7L 226 CID SOHC 12V V6 CHRYSLER; Magnum	2008	62
Nitro	4.0L 3952 CC 241 CID SOHC 12V V6 CHRYSLER	2007-2008	67
Nitro	4.0L 3952 CC 241 CID SOHC 24V V6 CHRYSLER	2007-2011	68
Omni	1.7L 105 CID SOHC 8V L4 VW	1978-1982	6
Omni	2.2L 135 CID SOHC 8V L4 CHRYSLER	1981-1990	19
P100	2.8L 2786 CC 170 CID OHV 12V L6 CHRYSLER	1965-1966	38
P100	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1965-1966	59
P100 Van	2.8L 2786 CC 170 CID OHV 12V L6 CHRYSLER	1961	38
P100 Van	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1967	59
P200	2.8L 2786 CC 170 CID OHV 12V L6 CHRYSLER	1965-1966	38
P200	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1965-1966	59
P200 Van	2.8L 2786 CC 170 CID OHV 12V L6 CHRYSLER	1961	38
P200 Van	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1961-1974	59
P300	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1965	59
P300 Van	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1961-1974	59
P300 Van	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1960	52
P300 Van	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1960	64
Phoenix	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1961	59
Phoenix	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1960-1961	83
Phoenix	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER	1960-1961	95
Phoenix	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1960	107
Phoenix	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1961	104
Pioneer	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1961	59
Pioneer	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1960-1961	83
Pioneer	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER	1961	95
Pioneer	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1961	104
Polara	2.8L 2786 CC 170 CID OHV 12V L6 CHRYSLER	1964	38
Polara	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1963-1969	59
Polara	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1970-1973	60
Polara	4.5L 4473 CC 273 CID OHV 16V V8 CHRYSLER	1966	77
Polara	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1960-1964	83
Polara	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1965-1969	77
Polara	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1966-1973	82
Polara	5.6L 5572 CC 340 CID OHV 16V V8 CHRYSLER	1972-1973	88
Polara	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1971-1973	102
Polara	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1971-1973	102
Polara	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER	1960-1961	95
Polara	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER	1962	104
Polara	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1960	107
Polara	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1961-1962	104
Polara	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1963-1971	95
Polara	6.6L 6555 CC 400 CID OHV 16V V8 CHRYSLER	1972-1973	95
Polara	6.6L 6556 CC 400 CID OHV 16V V8 CHRYSLER	1972-1973	95
Polara	6.7L 6769 CC 413 CID OHV 16V V8 CHRYSLER	1961-1962	110
Polara	6.7L 6769 CC 413 CID OHV 16V V8 CHRYSLER	1965	107
Polara	7.0L 6981 CC 426 CID OHV 16V V8 CHRYSLER	1963-1965	106
Polara	7.0L 6981 CC 426 CID OHV 16V V8 CHRYSLER	1964	107



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MODEL	ENGINE	YEAR	BLOCK
Polara	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER	1966	107
Polara	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER; Hi-Perf.	1966-1973	110
Polara	7.2L 7212 CC 440 CID OHV 16V V8 CHRYSLER	1970-1973	110
Power Ram 50	2.0L 1995 CC SOHC 8V L4 MITSUBISHI	1984	4
Power Ram 50	2.0L 1997 CC SOHC 8V L4 MITSUBISHI	1983	4
Power Ram 50	2.3L 2346 CC SOHC 8V L4 MITSUBISHI	1983-1985	20
Power Ram 50	2.6L 2555 CC SOHC 8V L4 MITSUBISHI	1983	31
Power Ram 50	2.6L 2555 CC SOHC 8V L4 MITSUBISHI	1984	32
Power Ram 50	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1985-1986	12
Power Wagon	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1953-1956	52
ProMaster 1500	3.6L 3604 CC 220 CID DOHC 24V V6 CHRYSLER; Pentastar	2014-2016	53
ProMaster 2500	3.6L 3604 CC 220 CID DOHC 24V V6 CHRYSLER; Pentastar	2014-2016	53
ProMaster 3500	3.6L 3604 CC 220 CID DOHC 24V V6 CHRYSLER; Pentastar	2014-2016	53
R300	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1972-1974	82
Raider	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1987-1989	12
Raider	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI	1989	42
Ram 1500	3.7L 226 CID SOHC 12V V6 CHRYSLER; Power-Tech	2002-2010	61
Ram 1500	3.9L 3906 CC 239 CID OHV 12V V6 CHRYSLER; Magnum	2000-2001	66
Ram 1500	4.7L 285 CID SOHC 16V V8 CHRYSLER; Power-Tech	2005-2008	80
Ram 1500	4.7L 285 CID SOHC 16V V8 CHRYSLER; Magnum	2005-2010	79
Ram 1500	4.7L 287 CID SOHC 16V V8 CHRYSLER; Power-Tech	2002-2004	80
Ram 1500	5.2L 5211 CC 318 CID SOHC 16V V8 CHRYSLER	1998	84
Ram 1500	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1998	84
Ram 1500	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2003-2008	90
Ram 1500	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2009-2010	92
Ram 1500	8.3L 8275 CC 505 CID OHV 20V V10 CHRYSLER	2004-2006	113
Ram 1500 Van	3.9L 3906 CC 239 CID OHV 12V V6 CHRYSLER; Magnum	2000-2003	66
Ram 1500 Van	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1999	87
Ram 2500	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2003-2008	90
Ram 2500	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2009-2010	92
Ram 2500	5.9L 359 CID OHV 12V L6 CUMMINS	1994-1996	74
Ram 2500	5.9L 359 CID OHV 12V L6 CUMMINS	1997-1998	73
Ram 2500	5.9L 359 CID OHV 24V L6 CUMMINS	1998-2004	71
Ram 2500	5.9L 359 CID OHV 12V L6 CUMMINS	1999-2010	71
Ram 2500	5.9L 359 CID OHV 24V L6 CUMMINS; HO	2001	75
Ram 2500	5.9L 359 CID OHV 12V L6 CUMMINS; HO	2003-2005	72
Ram 2500	5.9L 359 CID OHV 24V L6 CUMMINS; HO	2006-2009	72
Ram 2500 Van	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1999	87
Ram 2500 Van	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER; Magnum	1999-2000	86
Ram 3500	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2003-2008	90
Ram 3500	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2009	92
Ram 3500	5.9L 359 CID OHV 12V L6 CUMMINS	1994-1996	74
Ram 3500	5.9L 359 CID OHV 12V L6 CUMMINS	1997-1998	73
Ram 3500	5.9L 359 CID OHV 24V L6 CUMMINS	1998-2004	71
Ram 3500	5.9L 359 CID OHV 24V L6 CUMMINS; HO	2001-2002	75
Ram 3500	5.9L 359 CID OHV 12V L6 CUMMINS; HO	2003-2005	72
Ram 3500	5.9L 359 CID OHV 24V L6 CUMMINS; HO	2005-2007	72
Ram 3500 Van	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER; Magnum	1999-2000	86
Ram 50	2.4L 2351 CC SOHC 8V L4 MITSUBISHI	1990-1992	22
Ram 50	2.4L 2351 CC SOHC 8V L4 MITSUBISHI	1993	21



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MODEL	ENGINE	YEAR	BLOCK
Ram 50	2.0L 1995 CC 122 CID SOHC 8V L4 MITSUBISHI	1984-1989	10
Ram 50	2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI	1983	11
Ram 50	2.3L 2346 CC 143 CID SOHC 8V L4 MITSUBISHI	1983-1985	20
Ram 50	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI	1983-1989	12
Ram 50	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI	1990-1991	42
Ramcharger	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1974	38
Ramcharger	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1974	59
Ramcharger	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1974	60
Ramcharger	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1975-1976	56
Ramcharger	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1977-1978	55
Ramcharger	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1979-1980	57
Ramcharger	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1975-1980	85
Ramcharger	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1979-1987	86
Ramcharger	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1974	82
Ramcharger	5.9L 360 CID OHV 16V V8 CHRYSLER	1975-1979	98
Ramcharger	5.9L 360 CID OHV 16V V8 CHRYSLER	1979-1988	99
Ramcharger	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1974	102
Ramcharger	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
Ramcharger	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1974	103
Ramcharger	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
Ramcharger	6.6L 400 CID OHV 16V V8 CHRYSLER	1977-1978	95
Ramcharger	7.2L 440 CID OHV 16V V8 CHRYSLER	1975-1978	110
Ramcharger	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER	1974	110
Ramcharger	7.2L 7212 CC 440 CID OHV 16V V8 CHRYSLER	1974	110
Rampage	2.2L 135 CID SOHC 8V L4 CHRYSLER	1982-1984	19
RD200	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1978	85
RD200	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1979-1980	86
RD200	5.9L 360 CID OHV 16V V8 CHRYSLER	1978	98
RD200	5.9L 360 CID OHV 16V V8 CHRYSLER	1979-1980	99
RM300	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1971-1974	82
RM350	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1971-1974	82
Royal	5.7L 5737 CC 350 CID OHV 16V V8 CHRYSLER	1958	95
Royal	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER	1958-1959	95
Royal	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER	1959	104
Royal	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1959	106
Royal Monaco	5.2L 318 CID OHV 16V V8 CHRYSLER	1975-1977	85
Royal Monaco	5.9L 360 CID OHV 16V V8 CHRYSLER	1975-1977	98
Royal Monaco	6.6L 400 CID OHV 16V V8 CHRYSLER	1975-1977	95
Royal Monaco	7.2L 440 CID OHV 16V V8 CHRYSLER	1975-1977	110
Seneca	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1961	59
Seneca	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1960-1961	83
Seneca	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER	1961	95
Seneca	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1961	104
Shadow	2.2L 135 CID SOHC 8V L4 CHRYSLER	1987-1994	19
Shadow	2.5L 2507 CC 153 CID SOHC 8V L4 CHRYSLER	1988-1994	29
Shadow	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI	1992-1994	42
Sierra	5.7L 5737 CC 350 CID OHV 16V V8 CHRYSLER	1958	95
Sierra	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER	1958-1959	95
Sierra	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1959	106
Spirit	2.2L 135 CID SOHC 8V L4 CHRYSLER	1991-1992	19



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MODEL	ENGINE	YEAR	BLOCK
Spirit	2.5L 2507 CC 153 CID SOHC 8V L4 CHRYSLER	1989-1995	29
Spirit	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI	1989-1995	42
Sprinter 2500	3.0L 2987 CC DOHC 24V V6 MERCEDES-BENZ	2007-2009	41
Sprinter 2500	2.7L 2687 CC 165 CID DOHC 20V L5 MERCEDES-BENZ	2003-2006	34
Sprinter 3500	3.0L 2987 CC DOHC 24V V6 MERCEDES-BENZ	2007-2009	41
Sprinter 3500	2.7L 2687 CC 165 CID DOHC 20V L5 MERCEDES-BENZ	2003-2006	34
St. Regis	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1979	55
St. Regis	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1980	56
St. Regis	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1981	57
St. Regis	5.2L 318 CID OHV 16V V8 CHRYSLER	1979-1980	85
St. Regis	5.2L 318 CID OHV 16V V8 CHRYSLER	1979-1981	86
St. Regis	5.9L 360 CID OHV 16V V8 CHRYSLER	1979-1980	98
Stealth	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI	1991-1996	42
Stealth	3.0L 2972 CC 181 CID DOHC 24V V6 MITSUBISHI	1991-1996	42
Stratus	2.4L 2351 CC SOHC 16V L4 MITSUBISHI	2001-2005	23
Stratus	2.0L 1996 CC 122 CID SOHC 16V L4 CHRYSLER	1995-2000	18
Stratus	2.4L 2429 CC 148 CID DOHC 16V L4 CHRYSLER	1995-2006	27
Stratus	2.4L 2429 CC 148 CID DOHC 16V L4 CHRYSLER	1998-2006	28
Stratus	2.5L 2497 CC 152 CID SOHC 24V V6 MITSUBISHI	1995-2000	35
Stratus	2.7L 2700 CC 167 CID DOHC 24V V6 CHRYSLER	2001	36
Stratus	2.7L 2700 CC 167 CID DOHC 24V V6 CHRYSLER	2002-2006	37
Stratus	3.0L 2972 CC 181 CID SOHC 24V V6 MITSUBISHI	2001-2005	43
Stratus	3.0L 2972 CC 181 CID SOHC 24V V6 MITSUBISHI	2002	42
SX 2.0	2.0L 1996 CC 122 CID SOHC 16V L4 CHRYSLER	2003-2005	18
Truck	3.7L 3739 CC 228 CID L-HEAD 12V L6 CHRYSLER	1948-1956	63
Truck	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1957-1960	52
Truck	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1960	64
Truck	4.1L 4114 CC 251 CID L-HEAD 12V L6 CHRYSLER	1958-1959	69
Truck	4.3L 4343 CC 265 CID L-HEAD 12V L6 CHRYSLER	1954-1960	70
Truck	5.1L 5130 CC 313 CID OHV 16V V8 CHRYSLER	1958-1960	81
Truck	5.1L 5163 CC 315 CID OHV 16V V8 CHRYSLER	1958-1959	81
Truck	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1959-1960	83
Viper	8.0L 7990 CC 488 CID OHV 20V V10 CHRYSLER; Magnum	1992-2002	112
Viper	8.3L 8275 CC 505 CID OHV 20V V10 CHRYSLER	2003-2006	113
Viper	8.4L 8448 CC 515 CID OHV 20V V10 CHRYSLER	2008-2010	113
Viper	8.4L 8448 CC 515 CID OHV 20V V10 CHRYSLER	2015-2016	114
W100	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1975-1976	56
W100	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1977	55
W100	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1984-1987	57
W100	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1975-1977	85
W100	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1984-1987	86
W100	5.9L 360 CID OHV 16V V8 CHRYSLER	1975-1977	98
W100	5.9L 360 CID OHV 16V V8 CHRYSLER	1986-1988	99
W100	6.6L 400 CID OHV 16V V8 CHRYSLER	1975-1977	95
W100	7.2L 440 CID OHV 16V V8 CHRYSLER	1975-1977	110
W100 Pickup	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1968-1974	59
W100 Pickup	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1970-1974	38
W100 Pickup	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1970-1974	60
W100 Pickup	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1957-1959	52
W100 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1959	83

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MODEL	ENGINE	YEAR	BLOCK
W100 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1968-1969	77
W100 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1968-1974	82
W100 Pickup	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1972-1974	102
W100 Pickup	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
W100 Pickup	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1972-1974	103
W100 Pickup	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1974	100
W100 Pickup	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1968-1971	95
W100 Pickup	6.6L 6555 CC 400 CID OHV 16V V8 CHRYSLER	1971-1974	95
W100 Pickup	6.6L 6556 CC 400 CID OHV 16V V8 CHRYSLER	1971-1974	95
W100 Pickup	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER	1973-1974	110
W100 Pickup	7.2L 7212 CC 440 CID OHV 16V V8 CHRYSLER	1974	110
W100 Series	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1961-1967	59
W100 Series	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1960	52
W100 Series	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1960	64
W100 Series	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1960-1964	83
W100 Series	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1965	77
W100 Series	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1966-1967	82
W100 Series	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1967	95
W150	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1978-1979	55
W150	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1979-1987	57
W150	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1977-1980	85
W150	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1979-1987	86
W150	5.9L 360 CID OHV 16V V8 CHRYSLER	1977-1979	98
W150	5.9L 360 CID OHV 16V V8 CHRYSLER	1979-1988	99
W150	6.6L 400 CID OHV 16V V8 CHRYSLER	1977-1978	95
W150	7.2L 440 CID OHV 16V V8 CHRYSLER	1978	110
W200	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1975-1976	56
W200	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1977-1979	55
W200	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1980	57
W200	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1975-1980	85
W200	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1979-1980	86
W200	5.9L 360 CID OHV 16V V8 CHRYSLER	1975-1979	98
W200	5.9L 360 CID OHV 16V V8 CHRYSLER	1979-1980	99
W200	6.6L 400 CID OHV 16V V8 CHRYSLER	1976-1978	95
W200	7.2L 440 CID OHV 16V V8 CHRYSLER	1975-1978	110
W200 Pickup	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1968-1974	59
W200 Pickup	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1970-1971	38
W200 Pickup	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1970-1971	60
W200 Pickup	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1957-1959	52
W200 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1959	83
W200 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1968-1969	77
W200 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1968-1974	82
W200 Pickup	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1971-1973	97
W200 Pickup	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	102
W200 Pickup	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	103
W200 Pickup	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1968-1971	95
W200 Pickup	6.6L 6555 CC 400 CID OHV 16V V8 CHRYSLER	1971-1974	95
W200 Pickup	6.6L 6556 CC 400 CID OHV 16V V8 CHRYSLER	1971-1974	95
W200 Pickup	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER	1973-1974	110
W200 Pickup	7.2L 7212 CC 440 CID OHV 16V V8 CHRYSLER	1974	110



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MODEL	ENGINE	YEAR	BLOCK
W200 Series	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1961-1967	59
W200 Series	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1960	52
W200 Series	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1960	64
W200 Series	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1960-1964	83
W200 Series	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1965	77
W200 Series	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1966-1967	82
W200 Series	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1967	95
W250	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1981-1987	86
W250	5.9L 359 CID OHV 12V L6 CUMMINS	1989-1993	73
W250	5.9L 360 CID OHV 16V V8 CHRYSLER	1981-1988	99
W300	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1975-1976	56
W300	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1977-1978	55
W300	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1975-1980	85
W300	5.9L 360 CID OHV 16V V8 CHRYSLER	1975-1978	98
W300	5.9L 360 CID OHV 16V V8 CHRYSLER	1979-1980	99
W300	6.6L 400 CID OHV 16V V8 CHRYSLER	1976-1978	95
W300	7.2L 440 CID OHV 16V V8 CHRYSLER	1975-1978	110
W300 Pickup	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1968-1971	60
W300 Pickup	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1968-1974	59
W300 Pickup	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1970-1971	38
W300 Pickup	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1957-1959	52
W300 Pickup	4.1L 4114 CC 251 CID L-HEAD 12V L6 CHRYSLER	1958-1959	69
W300 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1959	83
W300 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1968-1969	77
W300 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1968-1974	82
W300 Pickup	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1971-1972	97
W300 Pickup	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER	1971-1974	102
W300 Pickup	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER	1972-1974	103
W300 Pickup	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1968-1971	95
W300 Pickup	6.6L 6555 CC 400 CID OHV 16V V8 CHRYSLER	1972-1974	95
W300 Pickup	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER	1972-1974	110
W300 Series	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER	1963-1967	59
W300 Series	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1960	64
W300 Series	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1960	52
W300 Series	4.3L 4343 CC 265 CID L-HEAD 12V L6 CHRYSLER	1960	70
W300 Series	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1960-1964	83
W300 Series	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1965	77
W300 Series	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1966-1967	82
W300 Series	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER	1967	95
W350	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER	1982-1983	86
W350	5.9L 359 CID OHV 12V L6 CUMMINS	1989-1993	73
W350	5.9L 360 CID OHV 16V V8 CHRYSLER	1981-1988	99
Wayfarer	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1949-1952	52
WC	3.6L 3570 CC 218 CID L-HEAD 12V L6 CHRYSLER	1942-1947	52
WD15	3.6L 3570 CC 218 CID L-HEAD 12V L6 CHRYSLER	1942-1950	52
WD20	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1942-1947	52
WD21	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1942-1947	52
WDX	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1946-1947	52
Wm300 Pickup	4.1L 4114 CC 251 CID L-HEAD 12V L6 CHRYSLER	1967	69
Wm300 Power Wagon	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1958-1960	52

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MODEL	ENGINE	YEAR	BLOCK
Wm300 Power Wagon	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER	1960	64
Wm300 Power Wagon	4.1L 4114 CC 251 CID L-HEAD 12V L6 CHRYSLER	1963-1966	69
Wm300 Power Wagon	4.3L 4343 CC 265 CID L-HEAD 12V L6 CHRYSLER	1960	70
Wm300 Power Wagon	5.1L 5130 CC 313 CID OHV 16V V8 CHRYSLER	1960-1961	81
Wm300 Power Wagon	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1960-1961	83

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1.4L 1410 CC SOHC 8V L4 MITSUBISHI VIN Codes: '2' (1981-1983), 'A' (1984), 'J' (1979-1980)			2.910"/74.0mm x 3.230"/82.0mm				1
	1.5L 1468 CC 90 CID SOHC 8V L4 MITSUBISHI VIN Codes: 'K' (1985-1988), 'P' (1988)			2.970"/75.5mm x 3.230"/82.0mm				
Connecting Rod Bearing Pair (4)	AL-3	CB-1278AL-.25mm		1.6527/1.6535	0.0011/0.0035	0.0588	1.7717/1.7725	0.6940
NOTE: Thru 8/88								
Main Bearing Set	TM-1	MS-1668P	STD,.25mm					
1-2-4-5		MB-3049P		1.8890/1.8898	0.0011/0.0034	0.0783	2.0472/2.0480	0.7520
3		MB-3050P(F)		1.8890/1.8898	0.0011/0.0034	0.0793	2.0472/2.0480	0.9430
2	1.5L 1468 CC 90 CID SOHC 8V L4 MITSUBISHI VIN Code: 'X' (1989-1990)			2.970"/75.5mm x 3.230"/82.0mm				2
Connecting Rod Bearing Pair (4)	AL-3	CB-1588AL	STD,.25mm,.50mm	1.6527/1.6535	0.0011/0.0035	0.0588	1.7717/1.7725	0.6100
For Year: 1990								
Connecting Rod Bearing Pair (4)	AL-3	CB-1278AL-.25mm		1.6527/1.6535	0.0011/0.0035	0.0588	1.7717/1.7725	0.6940
For Year: 1989								
Main Bearing Set	TM-1	MS-1668P	STD,.25mm					
1-2-4-5		MB-3049P		1.8890/1.8898	0.0011/0.0034	0.0783	2.0472/2.0480	0.7520
3		MB-3050P(F)		1.8890/1.8898	0.0011/0.0034	0.0793	2.0472/2.0480	0.9430
3	1.5L 1468 CC 90 CID SOHC 12V L4 MITSUBISHI VIN Code: 'A' (1991-1995)			2.970"/75.5mm x 3.230"/82.0mm				3
Connecting Rod Bearing Pair (4)	AL-3	CB-1588AL	STD,.25mm,.50mm	1.6527/1.6535	0.0011/0.0035	0.0588	1.7717/1.7725	0.6100
Main Bearing Set	TM-1	MS-1668P	STD,.25mm					
1-2-4-5		MB-3049P		1.8890/1.8898	0.0011/0.0034	0.0783	2.0472/2.0480	0.7520
3		MB-3050P(F)		1.8890/1.8898	0.0011/0.0034	0.0793	2.0472/2.0480	0.9430
For Years: 1991 - 1994								
4	1.6L 1597 CC 98 CID SOHC 8V L4 MITSUBISHI VIN Codes: 'F' (1987-1988), 'K' (1975-1980)			3.030"/76.9mm x 3.390"/86.0mm				4
1.6L 1597 CC 98 CID DOHC 16V L4 MITSUBISHI VIN Codes: 'Y' (1990), 'Z' (1989)			3.030"/76.9mm x 3.390"/86.0mm					
2.0L 1997 CC SOHC 8V L4 MITSUBISHI VIN Code: '5' (1983)			3.300"/84.0mm x 3.540"/90.0mm					
2.0L 1995 CC SOHC 8V L4 MITSUBISHI VIN Code: 'D' (1984)			3.300"/84.0mm x 3.540"/90.0mm					
Connecting Rod Bearing Pair (4)	AL-3	CB-1120A	STD,.25mm,.50mm,.75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Connecting Rod Bearing Set	AL-3	CB-1120A(4)	STD,.25mm,.50mm,.75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				4 CYL (cont.)					
4 (cont.)	1.6L 1597 CC 98 CID SOHC 8V L4 MITSUBISHI			3.030"/76.9mm x 3.390"/86.0mm					4 (cont.)
	VIN Codes: 'F' (1987-1988), 'K' (1975-1980)								
	1.6L 1597 CC 98 CID DOHC 16V L4 MITSUBISHI			3.030"/76.9mm x 3.390"/86.0mm					
	VIN Codes: 'Y' (1990), 'Z' (1989)								
	2.0L 1997 CC SOHC 8V L4 MITSUBISHI			3.300"/84.0mm x 3.540"/90.0mm					
VIN Code: '5' (1983)									
2.0L 1995 CC SOHC 8V L4 MITSUBISHI			3.300"/84.0mm x 3.540"/90.0mm						
VIN Code: 'D' (1984)									
Main Bearing Set	AL-5	MS-2076A	STD, .25mm, .50mm						
1-2-4-5		MB-2869A		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.9060	
3		MB-3572A(F)		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.1400	
Main Bearing Set	AL-5	MS-2322AL25mm	STD						
NOTE: O/S Flange for MS2076A									
5	1.6L 1597 CC 98 CID SOHC 8V L4 MITSUBISHI 4G32			3.030"/76.9mm x 3.390"/86.0mm					5
	VIN Codes: '3' (1981-1983), 'B' (1984), 'F' (1984-1986), 'K' (1971-1974)								
Connecting Rod Bearing Pair (4)	AL-3	CB-1120A	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250	
Connecting Rod Bearing Set	AL-3	CB-1120A(4)	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250	
Main Bearing Set	AL-5	MS-2076A	STD, .25mm, .50mm						
1-2-4-5		MB-2869A		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.9060	
3		MB-3572A(F)		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.1400	
Main Bearing Set	AL-5	MS-2322AL25mm	STD						
NOTE: O/S Flange for MS2076A									
Balance Shaft Bearing Set	AL-3	SH-1465S	STD						
"RH		SH-1465		1.5344	0.0008/0.0030	0.0593	1.6545	0.7580	
"RH		SH-1466		1.4164	0.0017/0.0039	0.0589	1.5364	0.6300	
For Years: 1971 - 1984									
6	1.7L 105 CID SOHC 8V L4 VW			3.130"/79.5mm x 3.400"/86.4mm					6
	VIN Code: 'A' (1978-1982)								
Connecting Rod Bearing Pair (4)	AL-5	CB-1017A	STD, .25mm, .50mm, .75mm	1.8087/1.8094	0.0016/0.0040	0.0593	1.9291/1.9298	0.7480	
Connecting Rod Bearing Pair (4)	TM-77	CB-1017P	STD	1.8094	0.0016/0.0040	0.0593	1.9291/1.9298	0.7480	
Connecting Rod Bearing Set	AL-5	CB-1017A(4)	STD, .25mm, .50mm, .75mm	1.8087/1.8094	0.0016/0.0040	0.0593	1.9291/1.9298	0.7480	
Thrust Washer Set		TW-704S	STD						
		MB692WL		2.3300			2.8800	0.0790	
		MB692WU		2.3300			2.8800	0.0790	
Camshaft Bearing Set	B-1	SH-1209S	STD						
1		SH-1209		1.6913/1.6919	0.0011/0.0039	0.0590	1.8110/1.8120	0.5900	
2		SH-1210		1.6519/1.6525	0.0011/0.0033	0.0590	1.7716/1.7726	0.5900	
7	1.8L 1754 CC 107 CID SOHC 8V L4 MITSUBISHI			3.170"/80.5mm x 3.390"/86.1mm					7
	VIN Code: 'T' (1989-1990)								
Connecting Rod Bearing Pair (4)	AL-3	CB-1120A	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250	
Connecting Rod Bearing Set	AL-3	CB-1120A(4)	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250	



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
7 (cont.)	1.8L 1754 CC 107 CID SOHC 8V L4 MITSUBISHI VIN Code: 'T' (1989-1990)			3.170"/80.5mm x 3.390"/86.1mm				7 (cont.)
Main Bearing Set 1-2-4-5 3	AL-5	MS-2076A MB-2869A MB-3572A(F)	STD, .25mm, .50mm	2.2435/2.2441 2.2435/2.2441	0.0008/0.0032 0.0008/0.0032	0.0783 0.0783	2.4016/2.4024 2.4016/2.4024	0.9060 1.1400
8	1.8L 1798 CC 110 CID DOHC 16V L4 CHRYSLER; GEMA VIN Code: 'C' (2007-2009) 2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER ED3; GEMA VIN Code: 'B' (2014)			3.380"/85.9mm x 3.050"/77.5mm 3.460"/88.0mm x 3.820"/97.0mm				8
Connecting Rod Bearing Pair (4)	AL-5	CB-1909A	STD, .25mm, .50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
Connecting Rod Bearing Set	AL-5	CB-1909A(4)	STD, .25mm, .50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
9	1.8L 1834 CC 112 CID SOHC 16V L4 MITSUBISHI VIN Code: 'C' (1993-1994)			3.190"/81.0mm x 3.500"/88.8mm				9
Connecting Rod Bearing Pair (4)	AL-3	CB-1782AL	STD, .25mm, .50mm	44.9809/45.0012	0.0008/0.0034	0.0588	1.8896/1.8904	0.6614
Main Bearing Set 1-2-3-4-5	AL-3	MS-2213AL MB-3767AL	STD	1.9679/1.9685	0.0008/0.0031	0.0785	2.1260/2.1267	0.7531
10	2.0L 1995 CC 122 CID SOHC 8V L4 MITSUBISHI VIN Code: 'D' (1984-1989)			3.300"/84.0mm x 3.540"/90.0mm				10
Connecting Rod Bearing Pair (4)	AL-3	CB-1120A	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Connecting Rod Bearing Pair (4) For Year: 1984	AL-3	CB-1220A	STD, .25mm, .50mm, .75mm, 1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
Connecting Rod Bearing Set	AL-3	CB-1120A(4)	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Connecting Rod Bearing Set For Year: 1984	AL-3	CB-1220A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
Main Bearing Set 1-2-4-5 3	AL-5	MS-2076A MB-2869A MB-3572A(F)	STD, .25mm, .50mm	2.2435/2.2441 2.2435/2.2441	0.0008/0.0032 0.0008/0.0032	0.0783 0.0783	2.4016/2.4024 2.4016/2.4024	0.9060 1.1400
Main Bearing Set NOTE: O/S Flange for MS2076A	AL-5	MS-2322AL25mm	STD					
11	2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI VIN Code: '5' (1981-1983)			3.300"/84.0mm x 3.540"/90.0mm				11
Connecting Rod Bearing Pair (4) For Year: 1983	AL-3	CB-1120A	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Connecting Rod Bearing Pair (4) For Years: 1981 - 1982	AL-3	CB-1220A	STD, .25mm, .50mm, .75mm, 1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
Connecting Rod Bearing Set For Year: 1983	AL-3	CB-1120A(4)	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Connecting Rod Bearing Set For Years: 1981 - 1982	AL-3	CB-1220A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				4 CYL (cont.)					
11 (cont.)	2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI VIN Code: '5' (1981-1983)			3.300"/84.0mm x 3.540"/90.0mm					11 (cont.)
Main Bearing Set	AL-3	MS-1945A MB-3053AL	STD, .25mm, .50mm	2.3614/2.3622	0.0011/0.0037	0.0783	2.5197/2.5205	0.9890	
For Years: 1981 - 1982									
Main Bearing Set	AL-5	MS-2076A MB-2869A MB-3572A(F)	STD, .25mm, .50mm	2.2435/2.2441 2.2435/2.2441	0.0008/0.0032 0.0008/0.0032	0.0783	2.4016/2.4024	0.9060 1.1400	
For Year: 1983									
Main Bearing Set	AL-5	MS-2322AL25mm	STD						
For Year: 1983									
NOTE: O/S Flange for MS2076A									
12	2.0L 1995 CC 122 CID SOHC 8V L4 MITSUBISHI VIN Code: 'U' (1979-1980)			3.300"/84.0mm x 3.540"/90.0mm					12
	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI VIN Codes: '7' (1981-1983), 'D' (1981-1982), 'E' (1984-1989), 'G' (1983-1987)			3.590"/91.1mm x 3.860"/98.0mm					
Connecting Rod Bearing Pair (4)	AL-3	CB-1220A	STD, .25mm, .50mm, .75mm, 1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840	
Connecting Rod Bearing Set	AL-3	CB-1220A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840	
Main Bearing Set	AL-3	MS-1945A MB-3053AL	STD, .25mm, .50mm	2.3614/2.3622	0.0011/0.0037	0.0783	2.5197/2.5205	0.9890	
Auxiliary Shaft Bearing Set	AL-3	SH-1429S	STD						
Left/Right Rear		SH-1429		1.6933/1.6939	0.0013/0.0037	0.0585	1.8122/1.8130	0.7950	
Left Front		SH-1760		0.9039/0.9047	0.0008/0.0034	0.0593	1.0236/1.0244	0.7090	
13	2.0L 1995 CC 122 CID SOHC 8V L4 MITSUBISHI VIN Code: 'U' (1975-1977)			3.300"/84.0mm x 3.540"/90.0mm					13
	2.0L 1995 CC 122 CID SOHC 8V L4 MITSUBISHI 4G52, G52B VIN Code: 'U' (1974)			3.310"/84.0mm x 3.540"/90.0mm					
Connecting Rod Bearing Pair (4)	AL-3	CB-1220A	STD, .25mm, .50mm, .75mm, 1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840	
Connecting Rod Bearing Set	AL-3	CB-1220A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840	
Auxiliary Shaft Bearing Set	AL-3	SH-1429S	STD						
Left/Right Rear		SH-1429		1.6933/1.6939	0.0013/0.0037	0.0585	1.8122/1.8130	0.7950	
Left Front		SH-1760		0.9039/0.9047	0.0008/0.0034	0.0593	1.0236/1.0244	0.7090	
14	2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI VIN Code: 'D' (1985-1988)			3.350"/85.0mm x 3.460"/88.0mm					14
Connecting Rod Bearing Pair (4)	AL-3	CB-1220A	STD, .25mm, .50mm, .75mm, 1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840	
Connecting Rod Bearing Set	AL-3	CB-1220A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840	
Main Bearing Set	AL-5	MS-2076A MB-2869A MB-3572A(F)	STD, .25mm, .50mm	2.2435/2.2441 2.2435/2.2441	0.0008/0.0032 0.0008/0.0032	0.0783	2.4016/2.4024	0.9060 1.1400	
NOTE: O/S Flange for MS2076A									



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
15	2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI			3.350"/85.0mm x 3.460"/88.0mm				15
VIN Code: 'V' (1989-1991)								
Connecting Rod Bearing Pair (4)	AL-3	CB-1220A	STD, .25mm, .50mm, .75mm, 1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
For Year: 1989								
Connecting Rod Bearing Pair (4)	TM-77	CB-1643P	STD, .25mm, .50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010
For Years: 1990 - 1991								
Connecting Rod Bearing Set	AL-3	CB-1220A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
For Year: 1989								
Main Bearing Set 1-2-4-5	AL-5	MS-2076A	STD, .25mm, .50mm	2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.9060
3		MB-2869A		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.1400
		MB-3572A(F)						
NOTE: Thru 3/92								
Main Bearing Set	AL-5	MS-2322AL25mm	STD					
NOTE: O/S Flange for MS2076A								
16	2.0L 1997 CC 122 CID DOHC 16V L4 MITSUBISHI			3.350"/85.0mm x 3.460"/88.0mm				16
VIN Code: 'R' (1990)								
Main Bearing Set 1-2-4-5	AL-5	MS-2076A	STD, .25mm, .50mm	2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.9060
3		MB-2869A		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.1400
		MB-3572A(F)						
NOTE: Thru 3/92								
Main Bearing Set	AL-5	MS-2322AL25mm	STD					
NOTE: O/S Flange for MS2076A								
17	2.0L 1998 CC 122 CID DOHC 16V L4 CHRYSLER ECN; GEMA			3.390"/86.1mm x 3.390"/86.1mm				17
VIN Codes: 'A' (2009-2012), 'B' (2007-2008)								
	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER ED3; Gamma			3.460"/88.0mm x 3.820"/97.0mm				
VIN Code: 'B' (2012)								
Connecting Rod Bearing Pair (4)	AL-5	CB-1909A	STD, .25mm, .50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
Connecting Rod Bearing Set	AL-5	CB-1909A(4)	STD, .25mm, .50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
Main Bearing Set 1-2-3-4-5	AL-5	MS-2299A	STD, .25mm, .50mm	2.0461/2.0467	0.0006/0.0025	0.0787	2.2047/2.2054	0.7150
		MB-3946A						
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-694S								
Thrust Washer Set		TW-694S	STD					
NOTE: Position Number 2, Use With Part Number MS-2299								



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
4 CYL (cont.)									
18	2.0L 1996 CC 122 CID DOHC 16V L4 CHRYSLER (1999)			3.440"/87.5mm x 3.270"/83.0mm					18
	2.0L 1996 CC 122 CID SOHC 16V L4 CHRYSLER (1999-2002)			3.440"/87.5mm x 3.270"/83.0mm					
	2.0L 1997 CC 122 CID DOHC 16V L4 CHRYSLER VIN Code: 'Y' (1995)			3.440"/87.5mm x 3.270"/83.0mm					
	2.0L 1996 CC 122 CID DOHC 16V L4 CHRYSLER ECC, ECF VIN Code: 'Y' (1996, 1999)			3.450"/87.5mm x 3.270"/83.0mm					
	2.0L 1996 CC 122 CID SOHC 16V L4 CHRYSLER ECB VIN Codes: 'C' (1995-1998), 'F' (2001-2004)			3.450"/87.5mm x 3.270"/83.0mm					
	2.0L 1996 CC 122 CID DOHC 16V L4 CHRYSLER (1998)			3.460"/88.0mm x 3.270"/83.0mm					
	Connecting Rod Bearing Pair (4)	AL-3	CB-1635A	STD, .25mm, .50mm, .75mm	1.8894/1.8900	0.0010/0.0023	0.0584	2.0075/2.0081	
Connecting Rod Bearing Set	AL-3	CB-1635A(4)	STD, .25mm, .50mm, .75mm	1.8894/1.8900	0.0010/0.0023	0.0584	2.0075/2.0081	0.8060	
Main Bearing Set 1-2-4-5 3	AL-5	MS-2028A MB-4001A MB-4000A(F)	STD, .25mm, .50mm	2.0470/2.0480 2.0469/2.0475	0.0010/0.0024 0.0008/0.0024	0.0782 0.0784	2.2050/2.2050 2.2046/2.2050	0.7860 1.0340	
NOTE: Bearing Caps May Require Notching									
19	2.2L 135 CID SOHC 8V L4 CHRYSLER VIN Codes: 'A' (1987-1989, 1991-1992), 'C' (1983-1988), 'D' (1984-1994), 'E' (1984-1988)			3.440"/87.4mm x 3.620"/92.0mm					19
	2.2L 135 CID SOHC 8V L4 CHRYSLER VIN Codes: '8' (1983-1986), 'B' (1981-1982), 'C' (1983-1986), 'E' (1985-1986), 'F' (1983)			3.440"/87.5mm x 3.620"/92.0mm					
	2.2L 135 CID DOHC 16V L4 CHRYSLER VIN Code: 'A' (1992-1993)			3.440"/87.4mm x 3.620"/92.0mm					
	Connecting Rod Bearing Pair (4)	TM-77	CB-1269P	STD, .25mm, .50mm	1.9687	0.0034	0.0584	2.0869	
Connecting Rod Bearing Set	AL-5	CB-1269A(4)	STD,	1.9677/1.9687	0.0008/0.0034	0.0584	2.0863/2.0869	0.7930	
Connecting Rod Bearing Set	TM-77	CB-1269P(4)	STD, .25mm, .50mm	1.9677/1.9687	0.0008/0.0034	0.0584	2.0863/2.0869	0.7930	
Main Bearing Set 1-2-4-5 3	AL-5	MS-1533A MB-2863A MB-2864A(F)	STD, .25mm, .50mm, .75mm	2.3617/2.3627 2.3617/2.3627	0.0008/0.0033 0.0008/0.0033	0.0781	2.5194/2.5202 2.5194/2.5202	0.8510 1.0970	
Main Bearing Set 1-2-4-5 3	TM-77	MS-1533P MB-2863P MB-2864P(F)	STD, .25mm	2.3617/2.3627 2.3617/2.3627	0.0008/0.0033 0.0008/0.0033	0.0781	2.5194/2.5202 2.5194/2.5202	0.8510 1.0970	
20	2.3L 2346 CC SOHC 8V L4 MITSUBISHI VIN Codes: '9' (1983), 'J' (1984-1985)			3.580"/90.9mm x 3.530"/89.9mm					20
	2.3L 2346 CC 143 CID SOHC 8V L4 MITSUBISHI VIN Codes: '9' (1983), 'J' (1984-1985)			3.580"/90.9mm x 3.530"/89.9mm					
	Connecting Rod Bearing Pair (4)	AL-3	CB-1220A	STD, .25mm, .50mm, .75mm, 1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	
Connecting Rod Bearing Set	AL-3	CB-1220A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840	



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
21	2.4L 2351 CC SOHC 8V L4 MITSUBISHI VIN Code: 'G' (1993)			3.410"/86.5mm x 3.940"/100.0mm				21
Connecting Rod Bearing Pair (4)	TM-77	CB-1643P	STD.,25mm,.50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010
Main Bearing Set 1-2-4-5	TM-1	MS-2039P	STD.,25mm,.50mm	2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.8050
3		MB-3504P MB-3505P(F)		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.0040
Balance Shaft Bearing Set	AL-3	SH-1469S	STD					
"LH		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
"RH		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480
"RH		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
22	2.4L 2351 CC SOHC 8V L4 MITSUBISHI VIN Code: 'W' (1990-1992)			3.410"/86.5mm x 3.940"/100.0mm				22
Connecting Rod Bearing Pair (4)	AL-3	CB-1120A	STD.,25mm,.50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
NOTE: Thru 3/92								
Connecting Rod Bearing Pair (4)	TM-77	CB-1643P	STD.,25mm,.50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010
For Year: 1992								
NOTE: From 4/92								
Connecting Rod Bearing Set	AL-3	CB-1120A(4)	STD.,25mm,.50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
NOTE: Thru 3/92								
Main Bearing Set 1-2-4-5	AL-5	MS-2076A	STD.,25mm,.50mm	2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.9060
3		MB-2869A MB-3572A(F)		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.1400
NOTE: Thru 3/92								
Main Bearing Set	AL-5	MS-2322AL25mm	STD					
NOTE: Thru 3/92, O/S Flange for MS2076A								
Main Bearing Set 1-2-4-5	TM-1	MS-2039P	STD.,25mm,.50mm	2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.8050
3		MB-3504P MB-3505P(F)		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.0040
For Year: 1992								
NOTE: From 4/92								
Balance Shaft Bearing Set	AL-3	SH-1469S	STD					
"LH		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
"RH		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480
"RH		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
23	2.4L 2351 CC SOHC 16V L4 MITSUBISHI VIN Code: 'G' (2001-2005)			3.410"/86.5mm x 3.940"/100.0mm				23
Connecting Rod Bearing Pair (4)	TM-77	CB-1643P	STD.,25mm,.50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010
Main Bearing Set 1-2-3-4-5	TM-1	MS-2261P	STD.,25mm	2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.8050
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-677S								
Thrust Washer Set		TW-677S	STD					
		MB-3854W		2.4842/2.4941			3.1693/3.1791	0.0830
NOTE: Position Number 3, Use With Part Number MS-2261								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
23 (cont.)	2.4L 2351 CC SOHC 16V L4 MITSUBISHI VIN Code: 'G' (2001-2005)			3.410"/86.5mm x 3.940"/100.0mm				23 (cont.)
Balance Shaft Bearing Set	AL-3	SH-1469S	STD					
"LH		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
"RH		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480
"RH		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
24	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER ED3; GEMA VIN Codes: 'B' (2009-2014), 'K' (2007-2008)			3.460"/88.0mm x 3.820"/97.0mm				24
				2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER EDG; PZEV VIN Codes: 'B' (2009-2014), 'J' (2008)				
Connecting Rod Bearing Pair (4)	AL-5	CB-1909A	STD,.25mm,.50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
Connecting Rod Bearing Set	AL-5	CB-1909A(4)	STD,.25mm,.50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
Main Bearing Set 1-2-3-4-5	AL-5	MS-2299A MB-3946A	STD,.25mm,.50mm					
For Years: 2007 - 2013 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-694S								
Thrust Washer Set		TW-694S	STD					
For Years: 2008 - 2012 NOTE: Position Number 2,Use With Part Number MS-2299								
Camshaft Bearing	B-1	SH-2163	STD					
For Years: 2007 - 2011								
25	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER; GEMA VIN Code: 'F' (2008-2009)			3.460"/88.0mm x 3.820"/97.0mm				25
Main Bearing Set 1-2-3-4-5	AL-5	MS-2299A MB-3946A	STD,.25mm,.50mm	2.0461/2.0467	0.0006/0.0025	0.0787	2.2047/2.2054	0.7150
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-694S								
Camshaft Bearing	B-1	SH-2163	STD					
26	2.4L 2360 CC 144 CID DOHC 16V L4 FIAT ED3 (2011)			3.460"/88.0mm x 3.820"/97.0mm				26
Thrust Washer Set		TW-694S	STD					
NOTE: Position Number 2,Use With Part Number MS-2299								
Camshaft Bearing	B-1	SH-2163	STD					
27	2.4L 2429 CC 148 CID DOHC 16V L4 CHRYSLER VIN Code: 'B' (1996-2007)			3.440"/87.4mm x 3.980"/101.0mm				27
				2.4L 2429 CC 148 CID DOHC 16V L4 CHRYSLER EDZ VIN Codes: 'J' (2004-2005), 'S' (2004-2005), 'X' (1995-2006)				
Connecting Rod Bearing Pair (4)	AL-5	CB-1813A	STD,.25mm,.50mm, .75mm	1.9677/1.9687	0.0008/0.0034	0.0584	2.0863/2.0869	0.7930
Connecting Rod Bearing Pair (4)	AL-5	CB-1817A-.25mm	.50mm	1.9677/1.9687	0.0008/0.0034	0.0594	2.0883/2.0889	0.7930
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1813A(4)	STD,.25mm,.50mm, .75mm	1.9677/1.9687	0.0008/0.0034	0.0584	2.0863/2.0869	0.7930



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
27 (cont.)	2.4L 2429 CC 148 CID DOHC 16V L4 CHRYSLER VIN Code: 'B' (1996-2007)			3.440"/87.4mm x 3.980"/101.0mm				27 (cont.)
	2.4L 2429 CC 148 CID DOHC 16V L4 CHRYSLER EDZ VIN Codes: 'J' (2004-2005), 'S' (2004-2005), 'X' (1995-2006)			3.440"/87.5mm x 3.980"/101.0mm				
Connecting Rod Bearing Set	AL-5	CB-1817A	-.25mm(4).50mm	1.9677/1.9687	0.0008/0.0034	0.0594	2.0883/2.0889	0.7930
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-2279A	STD,.25mm,.50mm					
1-2-4-5		MB-3594A		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	0.8510
3		MB-3907A(F)		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	1.0970
Main Bearing Set	TM-77	MS-2279P	STD,.25mm,.50mm					
1-2-4-5		MB-3594P		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	0.8510
3		MB-3907P(F)		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	1.0970
28	2.4L 2429 CC 148 CID DOHC 16V L4 CHRYSLER (1998-2006)			3.440"/87.5mm x 3.980"/101.0mm				28
Main Bearing Set	AL-5	MS-2279A	STD,.25mm,.50mm					
1-2-4-5		MB-3594A		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	0.8510
3		MB-3907A(F)		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	1.0970
Main Bearing Set	TM-77	MS-2279P	STD,.25mm,.50mm					
1-2-4-5		MB-3594P		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	0.8510
3		MB-3907P(F)		2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	1.0970
29	2.5L 2507 CC 153 CID SOHC 8V L4 CHRYSLER VIN Code: 'G' (1989-1995)			3.440"/87.4mm x 4.090"/104.0mm				29
	2.5L 2507 CC 153 CID SOHC 8V L4 CHRYSLER VIN Codes: 'J' (1989-1992), 'K' (1986-1995), 'V' (1993-1994)			3.440"/87.4mm x 4.090"/103.9mm				
Connecting Rod Bearing Pair (4)	TM-77	CB-1269P	STD,.25mm,.50mm	1.9687	0.0034	0.0584	2.0869	0.7930
Connecting Rod Bearing Set	AL-5	CB-1269A(4)	STD,	1.9677/1.9687	0.0008/0.0034	0.0584	2.0863/2.0869	0.7930
Connecting Rod Bearing Set	TM-77	CB-1269P(4)	STD,.25mm,.50mm	1.9677/1.9687	0.0008/0.0034	0.0584	2.0863/2.0869	0.7930
Main Bearing Set	AL-5	MS-1533A	STD,.25mm,.50mm,.75mm					
1-2-4-5		MB-2863A		2.3617/2.3627	0.0008/0.0033	0.0781	2.5194/2.5202	0.8510
3		MB-2864A(F)		2.3617/2.3627	0.0008/0.0033	0.0781	2.5194/2.5202	1.0970
Main Bearing Set	TM-77	MS-1533P	STD,.25mm					
1-2-4-5		MB-2863P		2.3617/2.3627	0.0008/0.0033	0.0781	2.5194/2.5202	0.8510
3		MB-2864P(F)		2.3617/2.3627	0.0008/0.0033	0.0781	2.5194/2.5202	1.0970
Camshaft Bearing Set (2)	B-1	SH-1403S	STD					
NOTE: Requires Boring								
30	2.5L 2507 CC 153 CID OHV 8V L4 CHRYSLER; Magnum VIN Code: 'P' (1996-2002)			3.880"/98.4mm x 3.190"/81.0mm				30
Connecting Rod Bearing Pair (4)	AL-5	CB-960A	STD,10,20,30,40	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Pair (4)	TM-77	CB-960P-1		2.0948/2.0955	0.0007/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Set	AL-5	CB-960A(4)	STD,10,20,30	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
30 (cont.)	2.5L 2507 CC 153 CID OHV 8V L4 CHRYSLER; Magnum VIN Code: 'P' (1996-2002)			3.880"/98.4mm x 3.190"/81.0mm				30 (cont.)
Main Bearing Set 1-3-4-5 2	AL-5	MS-1948A MB-3337A MB-3338A(F)	STD,10,20,30	2.4996/2.5001 2.4996/2.5001	0.0006/0.0031 0.0003/0.0028	0.0953 0.0953	2.6910/2.6920 2.6910/2.6920	0.9860 1.2700
Main Bearing Set 1-3-4-5 2		MS-1948P MB3974PU MB-3337P MB-3338P(F)	STD,10,20	2.4996/2.5001 2.4996/2.5001	0.0006/0.0031 0.0003/0.0028	0.0953 0.0953	2.6910/2.6920 2.6910/2.6920	0.9860 1.2700
Camshaft Bearing Set 1 2 3 4	B-1	SH-1980S SH-1980 SH-550 SH-551 SH-552	STD	2.0295/2.0305 2.0195/2.0205 2.0095/2.0105 1.9995/2.0005	0.0010/0.0050 0.0010/0.0050 0.0010/0.0050 0.0010/0.0050	0.0620 0.0620 0.0620 0.0620	2.1555/2.1565 2.1455/2.1465 2.1355/2.1365 2.1255/2.1265	0.6950 0.7050 0.7050 0.7050
31	2.6L 2555 CC SOHC 8V L4 MITSUBISHI VIN Code: '7' (1983)			3.590"/91.1mm x 3.860"/98.0mm				31
Main Bearing Set	AL-3	MS-1945A MB-3053AL	STD,.25mm,.50mm	2.3614/2.3622	0.0011/0.0037	0.0783	2.5197/2.5205	0.9890
32	2.6L 2555 CC SOHC 8V L4 MITSUBISHI VIN Code: 'E' (1984) 2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI VIN Codes: 'F' (1979-1980), 'W' (1979-1980)			3.590"/91.1mm x 3.860"/98.0mm				32
Connecting Rod Bearing Pair (4)	AL-3	CB-1220A	STD,.25mm,.50mm, .75mm,1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
Connecting Rod Bearing Set	AL-3	CB-1220A(4)	STD,.25mm,.50mm, .75mm,1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
Main Bearing Set	AL-3	MS-1945A MB-3053AL	STD,.25mm,.50mm	2.3614/2.3622	0.0011/0.0037	0.0783	2.5197/2.5205	0.9890
33	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI VIN Codes: 'H' (1984-1986), 'N' (1985-1986)			3.590"/91.1mm x 3.860"/98.0mm				33
Connecting Rod Bearing Pair (4)	AL-3	CB-1220A	STD,1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
Main Bearing Set (6)	AL-3	MS-1945A MB-3053AL	STD,.25mm,.50mm	2.3614/2.3622	0.0011/0.0037	0.0783	2.5197/2.5205	0.9890
				5 CYL				
34	2.7L 2687 CC 165 CID DOHC 20V L5 MERCEDES-BENZ VIN Codes: '1' (2003), '2' (2003), '4' (2004-2006)			3.460"/87.9mm x 3.480"/88.4mm				34
Connecting Rod Bearing Pair (5)	TM-77	CB-1842P	STD,.25mm,.50mm	1.8880/1.8883	0.0006/0.0024	0.0713	2.0315/2.0320	0.8560
Connecting Rod Bearing Pair (5) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	TM-77	CB-1843P-.25mm	.50mm	1.8880/1.8883	0.0006/0.0024	0.0723	2.0335/2.0340	0.8560
Connecting Rod Bearing Set	TM-77	CB-1842P(5)	STD,.25mm,.50mm	1.8880/1.8883	0.0006/0.0024	0.0713	2.0315/2.0320	0.8560
Main Bearing Set 1-2-3-4-5-6 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-620S	TM-77	MS-2248P MB-3826P	STD,.25mm,.50mm	2.2817/2.2820	0.0005/0.0023	0.0890	2.4605/2.4610	0.6900



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
5 CYL (cont.)								
34 (cont.)	2.7L 2687 CC 165 CID DOHC 20V L5 MERCEDES-BENZ VIN Codes: '1' (2003), '2' (2003), '4' (2004-2006)			3.460"/87.9mm x 3.480"/88.4mm			34 (cont.)	
Thrust Washer Set 3	TM-77	TW-620S MB-3826W	STD	2.5905			3.1890	0.0866
Piston Pin Bushing (5)	C-1	223-3665	STD	1.1809/1.1811	0.0180/0.0290	0.0645	1.2785/1.2805	0.8622
NOTE: OE Replacement, Requires Light Reaming								
6 CYL								
35	2.5L 2497 CC 152 CID SOHC 24V V6 MITSUBISHI EEB VIN Codes: 'H' (1995-2000), 'N' (1995-2000)			3.290"/83.5mm x 2.990"/76.0mm			35	
Connecting Rod Bearing Pair (6)	AL-5	CB-1411A	STD, .25mm, .50mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120
Connecting Rod Bearing Set	AL-5	CB-1411A(6)	STD, .25mm, .50mm, .75mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120
Main Bearing Set 1-2-3-4	TM-1	MS-2239P MB-3813P	STD	2.3614/2.3622	0.0008/0.0034	0.0783	2.5197/2.5205	0.7140
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-458S								
Thrust Washer Set	TM-77	TW-458S MB-3108W(L) MB-3108W(U)	STD	2.5984/2.6083 2.5984/2.6083			3.0492/3.0594 3.0492/3.0594	0.0778 0.0778
36	2.7L 2700 CC 167 CID DOHC 24V V6 CHRYSLER EER VIN Codes: 'D' (2009-2010), 'T' (2005-2008), 'U' (2000-2001)			3.390"/86.0mm x 3.090"/78.5mm			36	
Connecting Rod Bearing Pair (6)	AL-5	CB-1670A	STD, .25mm, .50mm, .75mm	2.1059/2.1067	0.0006/0.0030	0.0584	2.2241/2.2247	0.6870
Connecting Rod Bearing Set	AL-5	CB-1670A(6)	STD, .25mm, .50mm, .75mm	2.1059/2.1067	0.0006/0.0030	0.0584	2.2241/2.2247	0.6870
Main Bearing Set 1-2-3-4	AL-5	MS-2209A MB-3596A	STD, .25mm, .50mm, .75mm	2.4997/2.5004	0.0004/0.0029	0.1078	2.7161/2.7169	0.7370
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-606S								
Main Bearing Set 1-2-3-4	TM-77	MS-2209P MB-3596P	STD, .25mm, .50mm	2.4997/2.5004	0.0004/0.0029	0.1078	2.7161/2.7169	0.7370
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-606S								
Thrust Washer Set		TW-606S MB-3768W	STD	2.8160			3.5700	0.0806
For Years: 2000 - 2009 NOTE: Position Number 2 Use With Part Number MS-2209,MS-2210								
Piston Pin Bushing (6)	C-1	223-3654	STD	0.8750		0.0533	0.9432/0.9451	
For Years: 2000 - 2009 NOTE: OE Replacement, Requires Light Reaming								
37	2.7L 2700 CC 167 CID DOHC 24V V6 CHRYSLER EER VIN Codes: 'D' (2009-2010), 'R' (1998-2008), 'T' (2003-2006)			3.390"/86.0mm x 3.090"/78.5mm			37	
Connecting Rod Bearing Pair (6)	AL-5	CB-1670A	STD, .25mm, .50mm, .75mm	2.1059/2.1067	0.0006/0.0030	0.0584	2.2241/2.2247	0.6870



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
37 (cont.)	2.7L 2700 CC 167 CID DOHC 24V V6 CHRYSLER EER			3.390"/86.0mm x 3.090"/78.5mm				37 (cont.)
	VIN Codes: 'D' (2009-2010), 'R' (1998-2008), 'T' (2003-2006)							
Connecting Rod Bearing Pair (6)	AL-5	CB-1787A-.25mm	.50mm	2.1059/2.1067	0.0006/0.0030	0.0594	2.2261/2.2267	0.6870
For Years: 2002 - 2010 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1670A(6)	STD,.25mm,.50mm,.75mm	2.1059/2.1067	0.0006/0.0030	0.0584	2.2241/2.2247	0.6870
Connecting Rod Bearing Set	AL-5	CB-1787A-.25mm(6)	.50mm	2.1059/2.1067	0.0006/0.0030	0.0594	2.2261/2.2267	0.6870
For Years: 2002 - 2010 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set 1-2-3-4	AL-5	MS-2209A MB-3596A	STD,.25mm,.50mm,.75mm	2.4997/2.5004	0.0004/0.0029	0.1078	2.7161/2.7169	0.7370
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-606S								
Main Bearing Set 1-2-3-4	TM-77	MS-2209P MB-3596P	STD,.25mm,.50mm	2.4997/2.5004	0.0004/0.0029	0.1078	2.7161/2.7169	0.7370
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-606S								
Thrust Washer Set		TW-606S MB-3768W	STD	2.8160			3.5700	0.0806
For Years: 1998 - 2009 NOTE: Position Number 2 Use With Part Number MS-2209,MS-2210								
Piston Pin Bushing (6)	C-1	223-3654	STD	0.8750		0.0533	0.9432/0.9451	
For Years: 1998 - 2009 NOTE: OE Replacement, Requires Light Reaming								
38	2.8L 2786 CC 170 CID OHV 12V L6 CHRYSLER A170, R17, S17, T17, V17			3.410"/86.5mm x 3.130"/79.5mm				38
	VIN Code: 'A' (1966-1969)							
	3.2L 3254 CC 198 CID OHV 12V L6 CHRYSLER			3.410"/86.5mm x 3.640"/92.5mm				
	VIN Codes: 'A' (1970-1973), 'B' (1970-1974)							
	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER			3.410"/86.5mm x 4.130"/104.6mm				
	VIN Code: 'B' (1970-1974)							
Connecting Rod Bearing Pair (6)	AL-5	CB-606A-10	20,30,40	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/2.3130	0.9900
NOTE: Forged Crankshaft								
Connecting Rod Bearing Pair (6)	TM-77	CB-606G	STD,10,20,30	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/2.3130	0.9900
NOTE: Forged Crankshaft, Full Annular Groove								
Connecting Rod Bearing Set	AL-5	CB-606A-10(6)	20,30,40	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/3.3130	0.9900
NOTE: Forged Crankshaft								
Camshaft Bearing Set 1	B-1	SH-874S	STD	1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.9300
2		SH-874		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
3		SH-403		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.7600
4		SH-424		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
		SH-425						



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
38 (cont.)	2.8L 2786 CC 170 CID OHV 12V L6 CHRYSLER A170, R17, S17, T17, V17 VIN Code: 'A' (1966-1969)			3.410"/86.5mm x 3.130"/79.5mm				38 (cont.)
	3.2L 3254 CC 198 CID OHV 12V L6 CHRYSLER VIN Codes: 'A' (1970-1973), 'B' (1970-1974)			3.410"/86.5mm x 3.640"/92.5mm				
	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER VIN Code: 'B' (1970-1974)			3.410"/86.5mm x 4.130"/104.6mm				
Piston Pin Bushing (6)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
NOTE: OE Replacement, Requires Light Reaming								
39	2.8L 2786 CC 170 CID OHV 12V L6 CHRYSLER P17 (1960)			3.410"/86.5mm x 3.130"/79.5mm				39
Connecting Rod Bearing Pair (6)	AL-5	CB-606A-10	20,30,40	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/2.3130	0.9900
NOTE: Forged Crankshaft								
Connecting Rod Bearing Pair (6)	TM-77	CB-606G	STD,10,20,30	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/2.3130	0.9900
NOTE: Forged Crankshaft, Full Annular Groove								
Connecting Rod Bearing Set	AL-5	CB-606A-10(6)	20,30,40	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/3.3130	0.9900
NOTE: Forged Crankshaft								
40	2.8L 2786 CC 170 CID OHV 12V L6 CHRYSLER R17 (1961)			3.410"/86.5mm x 3.130"/79.5mm				40
Connecting Rod Bearing Pair (6)	AL-5	CB-606A-10	20,30,40	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/2.3130	0.9900
NOTE: Forged Crankshaft								
Connecting Rod Bearing Pair (6)	TM-77	CB-606G	STD,10,20,30	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/2.3130	0.9900
NOTE: Forged Crankshaft, Full Annular Groove								
Connecting Rod Bearing Set	AL-5	CB-606A-10(6)	20,30,40	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/3.3130	0.9900
NOTE: Forged Crankshaft								
Camshaft Bearing Set	B-1	SH-874S	STD					
1		SH-874		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.9300
2		SH-403		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
3		SH-424		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.7600
4		SH-425		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
41	3.0L 2987 CC DOHC 24V V6 MERCEDES-BENZ EXM VIN Code: '5' (2007-2009)			3.270"/83.0mm x 3.620"/92.0mm				41
Thrust Washer Set	AL-3	TW-713S	STD					
		MB4024WL		3.2775		0.0866	3.8189	
		MB4024WU		3.2775		0.0866	3.8189	
42	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI VIN Codes: '3' (1992-1995), 'H' (1993-1996), 'S' (1989-1992)			3.590"/91.1mm x 2.990"/76.0mm				42
	3.0L 2972 CC 181 CID DOHC 24V V6 MITSUBISHI 6G72-T VIN Codes: 'B' (1991-1992), 'C' (1991-1992), 'J' (1993-1996), 'K' (1993-1996)			3.590"/91.1mm x 2.990"/76.0mm				
	3.0L 2972 CC 181 CID SOHC 24V V6 MITSUBISHI VIN Code: 'H' (2002)			3.590"/91.1mm x 2.990"/76.0mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-1411A	STD,.25mm,.50mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				6 CYL (cont.)					
42 (cont.)	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI			3.590"/91.1mm x 2.990"/76.0mm					42 (cont.)
	VIN Codes: '3' (1992-1995), 'H' (1993-1996), 'S' (1989-1992)								
	3.0L 2972 CC 181 CID DOHC 24V V6 MITSUBISHI 6G72-T			3.590"/91.1mm x 2.990"/76.0mm					
VIN Codes: 'B' (1991-1992), 'C' (1991-1992), 'J' (1993-1996), 'K' (1993-1996)									
3.0L 2972 CC 181 CID SOHC 24V V6 MITSUBISHI				3.590"/91.1mm x 2.990"/76.0mm					
VIN Code: 'H' (2002)									
Connecting Rod Bearing Set	AL-5	CB-1411A(6)	STD,.25mm,.50mm,.75mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120	
Main Bearing Set	AL-5	MS-2226A	STD,.25mm,.50mm,.75mm						
1-2-3-4		MB-3791A		2.3614/2.3622	0.0007/0.0034	0.0784	2.5197/2.5204	0.7210	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-458S									
Main Bearing Set	TM-77	MS-2226P	STD,.25mm,.50mm						
1-2-3-4		MB-3791P		2.3614/2.3622	0.0007/0.0034	0.0784	2.5197/2.5204	0.7120	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-458S									
43	3.0L 2972 CC 181 CID SOHC 24V V6 MITSUBISHI			3.590"/91.1mm x 2.990"/76.0mm					43
VIN Code: 'H' (2001-2005)									
Connecting Rod Bearing Pair (6)	AL-5	CB-1411A	STD,.25mm,.50mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120	
Connecting Rod Bearing Set	AL-5	CB-1411A(6)	STD,.25mm,.50mm,.75mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120	
Main Bearing Set	AL-5	MS-2226A	STD,.25mm,.50mm,.75mm						
1-2-3-4		MB-3791A		2.3614/2.3622	0.0007/0.0034	0.0784	2.5197/2.5204	0.7210	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-458S									
Main Bearing Set	TM-77	MS-2226P	STD,.25mm,.50mm						
1-2-3-4		MB-3791P		2.3614/2.3622	0.0007/0.0034	0.0784	2.5197/2.5204	0.7120	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-458S									
Thrust Washer Set	TM-77	TW-458S	STD						
		MB-3108W(L)		2.5984/2.6083			3.0492/3.0594	0.0778	
		MB-3108W(U)		2.5984/2.6083			3.0492/3.0594	0.0778	
For Years: 2004 - 2005									
44	3.2L 3231 CC 197 CID SOHC 24V V6 CHRYSLER EGW			3.620"/92.0mm x 3.190"/81.0mm					44
VIN Code: 'J' (1998-2000)									
Connecting Rod Bearing Pair (6)	AL-5	CB-1669A	STD,.25mm,.50mm,.75mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840	
Connecting Rod Bearing Pair (6)	TM-77	CB-1669P	STD,.25mm,.50mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840	
Connecting Rod Bearing Pair (6)	TM-77	CB-1880P-.25mm	.50mm	2.2826/2.2837	0.0008/0.0034	0.0595	2.4033/2.4038	0.6840	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-1669A(6)	STD,.25mm,.50mm,.75mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840	
Connecting Rod Bearing Set	TM-77	CB-1669P(6)	STD,.25mm,.50mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840	



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
44 (cont.)	3.2L 3231 CC 197 CID SOHC 24V V6 CHRYSLER EGW VIN Code: 'J' (1998-2000)			3.620"/92.0mm x 3.190"/81.0mm			44 (cont.)	
Main Bearing Set 1-2-3-4	AL-5	MS-2210A MB-3597A	STD,.25mm,.50mm	2.5190/2.5200	0.0003/0.0033	0.0980	2.7160/2.7170	0.6900
NOTE: Requires Thrust Washer Set, Not Included, Use With Part number TW-606S								
Main Bearing Set 1-2-3-4	TM-77	MS-2210P MB-3597P	STD,.25mm,.50mm	2.5190/2.5200	0.0003/0.0033	0.0980	2.7160/2.7170	0.6900
NOTE: Requires Thrust Washer Set, Not Included, Use With Part number TW-606S								
Thrust Washer Set		TW-606S MB-3768W	STD	2.8160			3.5700	0.0806
NOTE: Position Number 2 Use With Part Number MS-2209,MS-2210								
45	3.3L 3301 CC 201 CID OHV 12V V6 CHRYSLER EGM, EGV VIN Codes: '3' (2001-2003), 'E' (2005-2007, 2009-2010), 'G' (1999-2001), 'H' (2008), 'J' (1994-1996), 'R' (1990-2007), 'T' (1993-1997), 'U' (1994-1995)			3.660"/93.0mm x 3.190"/81.0mm			45	
	3.8L 230 CID OHV 12V V6 CHRYSLER VIN Code: 'L' (1994-2007)			3.780"/96.0mm x 3.420"/86.8mm				
	3.8L 3778 CC 231 CID OHV 12V V6 CHRYSLER VIN Code: '1' (2009-2010)			3.780"/96.0mm x 3.430"/87.0mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-1410A	STD,.25mm,.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
Connecting Rod Bearing Pair (6)	AL-5	CB-1887A-.25mm	.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0594	2.4033/2.4038	0.6510
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1410A(6)	STD,.25mm,.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
Connecting Rod Bearing Set	AL-5	CB-1887A-.25mm(6)	.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0594	2.4033/2.4038	0.6510
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set 1-3-4 2	AL-5	MS-1946A MB-3340A MB-3107A(F)	STD,.25mm,.50mm,.75mm	2.5190/2.5200 2.5190/2.5200	0.0005/0.0020 0.0005/0.0020	0.0781	2.6769/2.6777	0.6940 0.9400
Main Bearing Set 1-3-4 2	TM-77	MS-1946P MB-3340P MB-3107P(F)	STD,.25mm	2.5192/2.5202 2.5192/2.5202	0.0005/0.0020 0.0005/0.0020	0.0781	2.6769/2.6777	0.6940 0.9400
Camshaft Bearing Set 1 2 3 4	B-1	SH-1405S SH-1405 SH-1406 SH-1407 SH-1408	STD	1.9970/1.9990 1.9800/1.9820 1.9650/1.9670 1.9500/1.9520	0.0010/0.0040 0.0010/0.0040 0.0010/0.0040 0.0010/0.0040	0.0645 0.0648 0.0658 0.0648	2.1295/2.1305 2.1135/2.1145 2.0985/2.0995 2.0825/2.0835	0.9400 0.6200 0.6200 0.6200



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				6 CYL (cont.)					
46	3.5L 3518 CC 215 CID SOHC 24V V6 CHRYSLER (2001-2009)			3.620"/92.0mm x 3.190"/81.0mm					46
	3.5L 3518 CC 215 CID SOHC 24V V6 CHRYSLER EGG (2006-2007)			3.780"/96.0mm x 3.190"/81.0mm					
Connecting Rod Bearing Pair (6)	AL-5	CB-1881A	STD, .25mm, .50mm, .75mm	2.2828/2.2835	0.0004/0.0022	0.0587	2.4013/2.4018	0.6850	
For Years: 2007 - 2009 NOTE: With Oil Hole									
Connecting Rod Bearing Set	AL-5	CB-1881A(6)	STD, .25mm, .50mm, .75mm	2.2828/2.2835	0.0004/0.0022	0.0587	2.4013/2.4018	0.6850	
For Years: 2007 - 2009 NOTE: With Oil Hole									
Main Bearing Set 1-2-3-4	AL-5	MS-2210A MB-3597A	STD, .25mm, .50mm	2.5190/2.5200	0.0003/0.0033	0.0980	2.7160/2.7170	0.6900	
For Years: 2001 - 2007 NOTE: Requires Thrust Washer Set, Not Included, Use With Part number TW-606S									
47	3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER VIN Codes: 'G' (2001-2004, 2006-2008), 'M' (2002-2004, 2008)			3.780"/96.0mm x 3.190"/81.0mm					47
Connecting Rod Bearing Pair (6)	AL-5	CB-1669A	STD, .25mm, .50mm, .75mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840	
For Years: 2001 - 2007									
Connecting Rod Bearing Pair (6)	AL-5	CB-1881A	STD, .25mm, .50mm, .75mm	2.2828/2.2835	0.0004/0.0022	0.0587	2.4013/2.4018	0.6850	
For Years: 2007 - 2008 NOTE: With Oil Hole									
Connecting Rod Bearing Pair (6)	TM-77	CB-1669P	STD, .25mm, .50mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840	
For Years: 2001 - 2007									
Connecting Rod Bearing Pair (6)	TM-77	CB-1880P-.25mm	.50mm	2.2826/2.2837	0.0008/0.0034	0.0595	2.4033/2.4038	0.6840	
For Years: 2001 - 2007 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-1669A(6)	STD, .25mm, .50mm, .75mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840	
For Years: 2001 - 2007									
Connecting Rod Bearing Set	AL-5	CB-1881A(6)	STD, .25mm, .50mm, .75mm	2.2828/2.2835	0.0004/0.0022	0.0587	2.4013/2.4018	0.6850	
For Years: 2007 - 2008 NOTE: With Oil Hole									
Connecting Rod Bearing Set	TM-77	CB-1669P(6)	STD, .25mm, .50mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840	
For Years: 2001 - 2007									
Main Bearing Set 1-2-3-4	AL-5	MS-2210A MB-3597A	STD, .25mm, .50mm	2.5190/2.5200	0.0003/0.0033	0.0980	2.7160/2.7170	0.6900	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part number TW-606S									
Main Bearing Set 1-2-3-4	TM-77	MS-2210P MB-3597P	STD, .25mm, .50mm	2.5190/2.5200	0.0003/0.0033	0.0980	2.7160/2.7170	0.6900	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part number TW-606S									



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
47 (cont.)	3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER VIN Codes: 'G' (2001-2004, 2006-2008), 'M' (2002-2004, 2008)			3.780"/96.0mm x 3.190"/81.0mm			47 (cont.)	
Thrust Washer Set		TW-606S MB-3768W	STD	2.8160			3.5700	0.0806
NOTE: Position Number 2 Use With Part Number MS-2209,MS-2210								
48	3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER VIN Code: 'V' (2000-2010)			3.780"/96.0mm x 3.190"/81.0mm			48	
Connecting Rod Bearing Pair (6)	AL-5	CB-1669A	STD,.25mm,.50mm, .75mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
For Years: 2000 - 2007								
Connecting Rod Bearing Pair (6)	AL-5	CB-1881A	STD,.25mm,.50mm, .75mm	2.2828/2.2835	0.0004/0.0022	0.0587	2.4013/2.4018	0.6850
For Years: 2007 - 2010								
NOTE: With Oil Hole								
Connecting Rod Bearing Pair (6)	TM-77	CB-1669P	STD,.25mm,.50mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
For Years: 2000 - 2007								
Connecting Rod Bearing Pair (6)	TM-77	CB-1880P-.25mm	.50mm	2.2826/2.2837	0.0008/0.0034	0.0595	2.4033/2.4038	0.6840
For Years: 2000 - 2007								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1669A(6)	STD,.25mm,.50mm, .75mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
For Years: 2000 - 2007								
Connecting Rod Bearing Set	AL-5	CB-1881A(6)	STD,.25mm,.50mm, .75mm	2.2828/2.2835	0.0004/0.0022	0.0587	2.4013/2.4018	0.6850
For Years: 2007 - 2010								
NOTE: With Oil Hole								
Connecting Rod Bearing Set	TM-77	CB-1669P(6)	STD,.25mm,.50mm	2.2826/2.2837	0.0008/0.0034	0.0584	2.4013/2.4018	0.6840
For Years: 2000 - 2007								
Main Bearing Set 1-2-3-4	AL-5	MS-2210A MB-3597A	STD,.25mm,.50mm	2.5190/2.5200	0.0003/0.0033	0.0980	2.7160/2.7170	0.6900
For Years: 2000 - 2009								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part number TW-606S								
Main Bearing Set 1-2-3-4	TM-77	MS-2210P MB-3597P	STD,.25mm,.50mm	2.5190/2.5200	0.0003/0.0033	0.0980	2.7160/2.7170	0.6900
For Years: 2000 - 2009								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part number TW-606S								
Thrust Washer Set		TW-606S MB-3768W	STD	2.8160			3.5700	0.0806
For Years: 2000 - 2009								
NOTE: Position Number 2 Use With Part Number MS-2209,MS-2210								
Piston Pin Bushing (6)		223-3721	STD					
For Years: 2009 - 2010								
NOTE: OE Replacement, Requires Boring								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
49	3.5L 3518 CC 215 CID SOHC 24V V6 CHRYSLER (2000)			3.780"/96.0mm x 3.190"/81.0mm				49
Main Bearing Set 1-2-3-4	AL-5	MS-2210A MB-3597A	STD,.25mm,.50mm	2.5190/2.5200	0.0003/0.0033	0.0980	2.7160/2.7170	0.6900
NOTE: Requires Thrust Washer Set, Not Included, Use With Part number TW-606S								
50	3.5L 3497 CC 215 CID SOHC 24V V6 CHRYSLER VIN Code: 'F' (1993-1997)			3.780"/96.0mm x 3.190"/81.0mm				50
Connecting Rod Bearing Pair (6)	AL-5	CB-1410A	STD,.25mm,.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
Connecting Rod Bearing Pair (6)	AL-5	CB-1887A-.25mm	.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0594	2.4033/2.4038	0.6510
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1410A(6)	STD,.25mm,.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
Connecting Rod Bearing Set	AL-5	CB-1887A-.25mm(6)	.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0594	2.4033/2.4038	0.6510
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set 1-2-3-4	AL-5	MS-2210A MB-3597A	STD,.25mm,.50mm	2.5190/2.5200	0.0003/0.0033	0.0980	2.7160/2.7170	0.6900
NOTE: Requires Thrust Washer Set, Not Included, Use With Part number TW-606S								
Main Bearing Set 1-2-3-4	TM-77	MS-2210P MB-3597P	STD,.25mm,.50mm	2.5190/2.5200	0.0003/0.0033	0.0980	2.7160/2.7170	0.6900
NOTE: Requires Thrust Washer Set, Not Included, Use With Part number TW-606S								
Piston Pin Bushing (6)		223-3721	STD					
NOTE: OE Replacement, Requires Boring								
51	3.5L 3518 CC 215 CID SOHC 24V V6 CHRYSLER EGF (2009-2010)			3.780"/96.0mm x 3.190"/81.0mm				51
Connecting Rod Bearing Pair (6)	AL-5	CB-1881A	STD,.25mm,.50mm,.75mm	2.2828/2.2835	0.0004/0.0022	0.0587	2.4013/2.4018	0.6850
Connecting Rod Bearing Set	AL-5	CB-1881A(6)	STD,.25mm,.50mm,.75mm	2.2828/2.2835	0.0004/0.0022	0.0587	2.4013/2.4018	0.6850
52	3.6L 3570 CC 218 CID L-HEAD 12V L6 CHRYSLER (1942-1955)			3.250"/82.5mm x 4.380"/111.1mm				52
	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER (1942-1960)			3.250"/82.5mm x 4.630"/117.5mm				
Connecting Rod Bearing Pair (6)	TM-77	CB-60G-10	20,30	2.0615/2.0625	0.0006/0.0027	0.0525	2.1675/2.1680	1.0050
Camshaft Bearing Set 1	B-1	SH-23S SH-23	STD	1.9980/1.9990	0.0005/0.0040	0.0650	2.1290/2.1300	1.1010
2		SH-24		1.9665/1.9675	0.0010/0.0050	0.0650	2.0985/2.0995	0.8820
3		SH-25		1.9350/1.9360	0.0010/0.0050	0.0650	2.0670/2.0680	0.8820
For Years: 1949 - 1959								
Piston Pin Bushing (6)	B	223-3349	STD					
For Years: 1949 - 1959								
NOTE: OE Replacement, Requires Light Reaming								



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
6 CYL (cont.)									
53	3.6L 3604 CC 220 CID DOHC 24V V6 CHRYSLER ERB; Pentastar VIN Code: 'G' (2014-2015)			3.780"/96.0mm x 3.270"/83.0mm			53		
	3.6L 3605 CC 220 CID DOHC 24V V6 FIAT ERB (2011)			3.780"/96.0mm x 3.190"/81.0mm					
Connecting Rod Bearing Set	AL-5	CB-1957A(6)	STD,.25mm	2.3225/2.3232	0.0002/0.0015	0.0624	2.4478/2.4482	0.7000	
For Years: 2011 - 2015									
Main Bearing Set	AL-5	MS-2351A	STD,.25mm						
54	3.6L 3604 CC 220 CID DOHC 24V V6 CHRYSLER ERB; Pentastar VIN Code: 'G' (2011-2014)			3.780"/96.0mm x 3.270"/83.0mm			54		
Connecting Rod Bearing Set	AL-5	CB-1957A(6)	STD,.25mm	2.3225/2.3232	0.0002/0.0015	0.0624	2.4478/2.4482	0.7000	
Main Bearing Set	AL-5	MS-2351A	STD,.25mm						
For Years: 2011 - 2016									
Thrust Washer Set	AL-5	TW-723S	STD						
For Years: 2011 - 2012									
55	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER VIN Codes: 'B' (1977-1979), 'D' (1977-1980)			3.400"/86.4mm x 4.130"/104.6mm			55		
	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER VIN Code: 'D' (1978-1979)			3.400"/86.4mm x 4.120"/104.6mm					
Connecting Rod Bearing Pair (6)	AL-5	CB-1214A	STD,10,20,30,40	2.1865/2.1875	0.0004/0.0029	0.0623	2.3125/2.3130	0.7200	
NOTE: Cast Iron Crankshaft									
Connecting Rod Bearing Set	AL-5	CB-1214A(6)	STD,	2.1865/2.1875	0.0004/0.0029	0.0623	2.3125/2.3130	0.7200	
NOTE: Cast Iron Crankshaft									
Main Bearing Set	TM-77	MS-1419AL-20	30						
1-2-4		MB-2731AL		2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	0.8820	
3		MB-2732AL(F)		2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	1.1080	
Camshaft Bearing Set	B-1	SH-874S	STD						
1		SH-874		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.9300	
2		SH-403		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600	
3		SH-424		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.7600	
4		SH-425		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600	
For Years: 1977 - 1978									
Camshaft Bearing Set	B-1	SH-1115S	STD						
1		SH-1115		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.7900	
2		SH-1116		1.9820/1.9830	0.0025/0.0065	0.0640	2.1135/2.1145	0.6300	
3		SH-1117		1.9670/1.9680	0.0025/0.0065	0.0640	2.0985/2.0995	0.6300	
4		SH-425		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600	
For Years: 1979 - 1980									
Piston Pin Bushing (6)	B	223-3484	STD				0.0320	1.0370/1.0390	1.1400
NOTE: OE Replacement, Requires Light Reaming									



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				6 CYL (cont.)					
56	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER VIN Code: 'C' (1975-1980)			3.400"/86.4mm x 4.120"/104.6mm					56
	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER VIN Code: 'B' (1975-1979)			3.400"/86.4mm x 4.130"/104.6mm					
Connecting Rod Bearing Pair (6)	AL-5	CB-606A-10	20,30,40	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/2.3130	0.9900	
For Years: 1975 - 1976 NOTE: Forged Crankshaft									
Connecting Rod Bearing Pair (6)	AL-5	CB-1214A	STD,10,20,30,40	2.1865/2.1875	0.0004/0.0029	0.0623	2.3125/2.3130	0.7200	
NOTE: Cast Iron Crankshaft									
Connecting Rod Bearing Pair (6)	TM-77	CB-606G	STD,10,20,30	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/2.3130	0.9900	
For Years: 1975 - 1976 NOTE: Forged Crankshaft, Full Annular Groove									
Connecting Rod Bearing Set	AL-5	CB-606A-10(6)	20,30,40	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/3.3130	0.9900	
For Years: 1975 - 1976 NOTE: Forged Crankshaft									
Connecting Rod Bearing Set	AL-5	CB-1214A(6)	STD,	2.1865/2.1875	0.0004/0.0029	0.0623	2.3125/2.3130	0.7200	
NOTE: Cast Iron Crankshaft									
Main Bearing Set 1-2-4 3	TM-77	MS-1419AL-20 MB-2731AL MB-2732AL(F)	30	2.7495/2.7505 2.7495/2.7505	0.0005/0.0026 0.0005/0.0026	0.0959	2.9425/2.9430 2.9425/2.9430	0.8820 1.1080	
Camshaft Bearing Set 1 2 3 4	B-1	SH-874S SH-874 SH-403 SH-424 SH-425	STD	1.9980/1.9990 1.9820/1.9830 1.9670/1.9680 1.9510/1.9520	0.0025/0.0065 0.0005/0.0045 0.0005/0.0045 0.0005/0.0045	0.0640 0.0645 0.0645 0.0645	2.1295/2.1305 2.1135/2.1145 2.0985/2.0995 2.0825/2.0835	0.9300 0.7600 0.7600 0.7600	
For Years: 1975 - 1978									
Camshaft Bearing Set 1 2 3 4	B-1	SH-1115S SH-1115 SH-1116 SH-1117 SH-425	STD	1.9980/1.9990 1.9820/1.9830 1.9670/1.9680 1.9510/1.9520	0.0025/0.0065 0.0025/0.0065 0.0025/0.0065 0.0005/0.0045	0.0640 0.0640 0.0640 0.0645	2.1295/2.1305 2.1135/2.1145 2.0985/2.0995 2.0825/2.0835	0.7900 0.6300 0.6300 0.7600	
For Years: 1979 - 1980									
Piston Pin Bushing (6)	B	223-3484	STD				0.0320 1.0370/1.0390	1.1400	
NOTE: OE Replacement, Requires Light Reaming									
57	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER VIN Codes: 'E' (1981-1982), 'F' (1981-1982), 'H' (1983-1987), 'J' (1983), 'M' (1983), 'N' (1979-1980), 'W' (1982)			3.400"/86.4mm x 4.130"/104.6mm					57
	3.7L 225 CID OHV 12V L6 CHRYSLER VIN Codes: 'B' (1979), 'N' (1979-1980)			3.400"/86.4mm x 4.130"/104.6mm					
Connecting Rod Bearing Pair (6)	AL-5	CB-1214A	STD,10,20,30,40	2.1865/2.1875	0.0004/0.0029	0.0623	2.3125/2.3130	0.7200	
NOTE: Cast Iron Crankshaft									
Connecting Rod Bearing Set	AL-5	CB-1214A(6)	STD,	2.1865/2.1875	0.0004/0.0029	0.0623	2.3125/2.3130	0.7200	
NOTE: Cast Iron Crankshaft									



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
57 (cont.)	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER VIN Codes: 'E' (1981-1982), 'F' (1981-1982), 'H' (1983-1987), 'J' (1983), 'M' (1983), 'N' (1979-1980), 'W' (1982)			3.400"/86.4mm x 4.130"/104.6mm				57 (cont.)
	3.7L 225 CID OHV 12V L6 CHRYSLER VIN Codes: 'B' (1979), 'N' (1979-1980)			3.400"/86.4mm x 4.130"/104.6mm				
Main Bearing Set	TM-77	MS-1419AL-20	30					
1-2-4		MB-2731AL		2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	0.8820
3		MB-2732AL(F)		2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	1.1080
Camshaft Bearing Set	B-1	SH-1115S	STD					
1		SH-1115		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.7900
2		SH-1116		1.9820/1.9830	0.0025/0.0065	0.0640	2.1135/2.1145	0.6300
3		SH-1117		1.9670/1.9680	0.0025/0.0065	0.0640	2.0985/2.0995	0.6300
4		SH-425		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
Piston Pin Bushing (6)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
NOTE: OE Replacement, Requires Light Reaming								
58	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER VIN Code: 'E' (1978)			3.400"/86.4mm x 4.130"/104.6mm				58
Connecting Rod Bearing Pair (6)	AL-5	CB-1214A	STD,10,20,30,40	2.1865/2.1875	0.0004/0.0029	0.0623	2.3125/2.3130	0.7200
NOTE: Cast Iron Crankshaft								
Connecting Rod Bearing Set	AL-5	CB-1214A(6)	STD,	2.1865/2.1875	0.0004/0.0029	0.0623	2.3125/2.3130	0.7200
NOTE: Cast Iron Crankshaft								
Main Bearing Set	TM-77	MS-1419AL-20	30					
1-2-4		MB-2731AL		2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	0.8820
3		MB-2732AL(F)		2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	1.1080
Camshaft Bearing Set	B-1	SH-874S	STD					
1		SH-874		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.9300
2		SH-403		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
3		SH-424		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.7600
4		SH-425		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
Piston Pin Bushing (6)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
NOTE: OE Replacement, Requires Light Reaming								
59	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER A225, R22, S22, T22, V22 VIN Code: 'B' (1966-1974)			3.410"/86.5mm x 4.130"/104.6mm				59
Connecting Rod Bearing Pair (6)	AL-5	CB-606A-10	20,30,40	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/2.3130	0.9900
NOTE: Forged Crankshaft								
Connecting Rod Bearing Pair (6)	AL-5	CB-1214A	STD,10,20,30,40	2.1865/2.1875	0.0004/0.0029	0.0623	2.3125/2.3130	0.7200
For Years: 1961 - 1968								
NOTE: Cast Iron Crankshaft								
Connecting Rod Bearing Pair (6)	TM-77	CB-606G	STD,10,20,30	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/2.3130	0.9900
NOTE: Forged Crankshaft, Full Annular Groove								
Connecting Rod Bearing Set	AL-5	CB-606A-10(6)	20,30,40	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/3.3130	0.9900
NOTE: Forged Crankshaft								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
59 (cont.)	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER A225, R22, S22, T22, V22 VIN Code: 'B' (1966-1974)			3.410"/86.5mm x 4.130"/104.6mm				59 (cont.)
Connecting Rod Bearing Set	AL-5	CB-1214A(6)	STD,	2.1865/2.1875	0.0004/0.0029	0.0623	2.3125/2.3130	0.7200
For Years: 1961 - 1968 NOTE: Cast Iron Crankshaft								
Main Bearing Set 1-2-4	TM-77	MS-1419AL-20	30	2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	0.8820
3		MB-2731AL MB-2732AL(F)		2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	1.1080
Camshaft Bearing Set 1	B-1	SH-874S	STD					
2		SH-874		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.9300
3		SH-403		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
4		SH-424		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.7600
		SH-425		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
Piston Pin Bushing (6)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
NOTE: OE Replacement, Requires Light Reaming								
60	3.7L 3687 CC 225 CID OHV 12V L6 CHRYSLER VIN Codes: '6' (1968, 1970), 'C' (1970-1974), 'E' (1972), 'X' (1970-1974)			3.410"/86.5mm x 4.130"/104.6mm				60
Connecting Rod Bearing Pair (6)	AL-5	CB-606A-10	20,30,40	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/2.3130	0.9900
NOTE: Forged Crankshaft								
Connecting Rod Bearing Pair (6)	TM-77	CB-606G	STD,10,20,30	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/2.3130	0.9900
NOTE: Forged Crankshaft, Full Annular Groove								
Connecting Rod Bearing Set	AL-5	CB-606A-10(6)	20,30,40	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/3.3130	0.9900
NOTE: Forged Crankshaft								
Main Bearing Set 1-2-4	TM-77	MS-1419AL-20	30	2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	0.8820
3		MB-2731AL MB-2732AL(F)		2.7495/2.7505	0.0005/0.0026	0.0959	2.9425/2.9430	1.1080
Camshaft Bearing Set 1	B-1	SH-874S	STD					
2		SH-874		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.9300
3		SH-403		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
4		SH-424		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.7600
		SH-425		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
Piston Pin Bushing (6)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
NOTE: OE Replacement, Requires Light Reaming								
61	3.7L 226 CID SOHC 12V V6 CHRYSLER; Power-Tech VIN Code: 'K' (2002-2005)			3.660"/93.0mm x 3.570"/90.7mm				61
	3.7L 226 CID SOHC 12V V6 CHRYSLER; Magnum VIN Code: 'K' (2004-2011)			3.660"/93.0mm x 3.570"/90.7mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-1818A	STD,.25mm,.50mm	2.2794/2.2797	0.0010/0.0027	0.0645	2.4092/2.4096	0.6547
Connecting Rod Bearing Pair (6)	AL-5	CB-1819A-.25mm	.50mm	2.2794/2.2797	0.0010/0.0027	0.0655	2.4112/2.4116	0.6547
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
61 (cont.)	3.7L 226 CID SOHC 12V V6 CHRYSLER; Power-Tech VIN Code: 'K' (2002-2005)			3.660"/93.0mm x 3.570"/90.7mm				61 (cont.)
	3.7L 226 CID SOHC 12V V6 CHRYSLER; Magnum VIN Code: 'K' (2004-2011)			3.660"/93.0mm x 3.570"/90.7mm				
Connecting Rod Bearing Set	AL-5	CB-1818A(6)	STD,.25mm,.50mm	2.2794/2.2797	0.0010/0.0027	0.0645	2.4092/2.4096	0.6547
Connecting Rod Bearing Set	AL-5	CB-1819A-.25mm(6)	.50mm	2.2794/2.2797	0.0010/0.0027	0.0655	2.4112/2.4116	0.6547
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set 1-2-3-4	AL-5	MS-2244A MB-3790A	STD,.25mm,.50mm	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
For Years: 2002 - 2010								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-608S								
Main Bearing Set 1-2-3-4	AL-5	MS-2286A-.25mm MB-3922A	.50mm	2.4998/2.5002	0.0002/0.0013	0.0972	2.6947/2.6951	0.8120
For Years: 2002 - 2010								
NOTE: Engines With .002in Larger Main Housing Bore Diameter								
Thrust Washer Set	TM-77	TW-608S MB-3771W	STD	2.8010/2.8210			3.5890/3.6140	0.0980
For Years: 2002 - 2009								
Auxiliary Shaft Bearing Set	B-1	SH-1997S	STD					
Front		SH-1997		2.2042/2.2052	0.0020/0.0053	0.0728	2.3528/2.3539	0.7150
Rear		SH-1998		1.1412/1.1422	0.0020/0.0053	0.0728	1.2898/1.2909	0.7150
For Years: 2002 - 2009								
62	3.7L 226 CID SOHC 12V V6 CHRYSLER EKG; Magnum (2008)			3.660"/93.0mm x 3.570"/90.7mm				62
Main Bearing Set 1-2-3-4	AL-5	MS-2244A MB-3790A	STD,.25mm,.50mm	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-608S								
Main Bearing Set 1-2-3-4	AL-5	MS-2286A-.25mm MB-3922A	.50mm	2.4998/2.5002	0.0002/0.0013	0.0972	2.6947/2.6951	0.8120
NOTE: Engines With .002in Larger Main Housing Bore Diameter								
Thrust Washer Set	TM-77	TW-608S MB-3771W	STD	2.8010/2.8210			3.5890/3.6140	0.0980
Auxiliary Shaft Bearing Set	B-1	SH-1997S	STD					
Front		SH-1997		2.2042/2.2052	0.0020/0.0053	0.0728	2.3528/2.3539	0.7150
Rear		SH-1998		1.1412/1.1422	0.0020/0.0053	0.0728	1.2898/1.2909	0.7150
63	3.7L 3739 CC 228 CID L-HEAD 12V L6 CHRYSLER (1948-1956)			3.380"/85.7mm x 4.250"/107.9mm				63
Connecting Rod Bearing Pair (6)	AL-5	CB-606A-10	20,30,40	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/2.3130	0.9900
NOTE: Forged Crankshaft								
Connecting Rod Bearing Pair (6)	TM-77	CB-606G	STD,10,20,30	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/2.3130	0.9900
NOTE: Forged Crankshaft, Full Annular Groove								
Connecting Rod Bearing Set	AL-5	CB-606A-10(6)	20,30,40	2.1865/2.1875	0.0007/0.0028	0.0624	2.3125/3.3130	0.9900
NOTE: Forged Crankshaft								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
63 (cont.)	3.7L 3739 CC 228 CID L-HEAD 12V L6 CHRYSLER (1948-1956)			3.380"/85.7mm x 4.250"/107.9mm				63 (cont.)
Main Bearing Set 1-2-4 3	TM-77	MS-1419AL-20 MB-2731AL MB-2732AL(F)	30	2.7495/2.7505 2.7495/2.7505	0.0005/0.0026 0.0005/0.0026	0.0959	2.9425/2.9430 2.9425/2.9430	0.8820 1.1080
64	3.8L 3770 CC 230 CID L-HEAD 12V L6 CHRYSLER P23 (1960)			3.250"/82.5mm x 4.630"/117.5mm				64
Connecting Rod Bearing Pair (6)	TM-77	CB-60G-10	20,30	2.0615/2.0625	0.0006/0.0027	0.0525	2.1675/2.1680	1.0050
65	3.8L 230 CID OHV 12V V6 CHRYSLER VIN Code: 'P' (2008)			3.780"/96.0mm x 3.420"/86.8mm				65
Connecting Rod Bearing Pair (6)	AL-5	CB-1410A	STD, .25mm, .50mm, .75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
Connecting Rod Bearing Pair (6)	AL-5	CB-1887A-.25mm	.50mm, .75mm	2.2830/2.2840	0.0005/0.0022	0.0594	2.4033/2.4038	0.6510
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1410A(6)	STD, .25mm, .50mm, .75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
Connecting Rod Bearing Set	AL-5	CB-1887A-.25mm(6)	.50mm, .75mm	2.2830/2.2840	0.0005/0.0022	0.0594	2.4033/2.4038	0.6510
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set 1-3-4 2	AL-5	MS-1946A MB-3340A MB-3107A(F)	STD, .25mm, .50mm, .75mm	2.5190/2.5200 2.5190/2.5200	0.0005/0.0020 0.0005/0.0020	0.0781	2.6769/2.6777 2.6769/2.6777	0.6940 0.9400
Main Bearing Set 1-3-4 2	TM-77	MS-1946P MB-3340P MB-3107P(F)	STD, .25mm	2.5192/2.5202 2.5192/2.5202	0.0005/0.0020 0.0005/0.0020	0.0781	2.6769/2.6777 2.6769/2.6777	0.6940 0.9400
66	3.9L 3906 CC 239 CID OHV 12V V6 CHRYSLER; Magnum (2000-2003)			3.910"/99.3mm x 3.310"/84.1mm				66
Camshaft Bearing Set 1 2 3 4	B-1	SH-1114S SH-875 SH-1112 SH-1114 SH-329	STD	1.9980/1.9990 1.9820/1.9830 1.9510/1.9520 1.5605/1.5615	0.0015/0.0055 0.0015/0.0055 0.0015/0.0055 0.0005/0.0045	0.0645	2.1295/2.1305 2.1135/2.1145 2.0825/2.0835 1.6920/1.6930	0.9000 0.6300 0.6300 0.9500
67	4.0L 3952 CC 241 CID SOHC 12V V6 CHRYSLER EGS (2007-2008)			3.780"/96.0mm x 3.580"/91.0mm				67
Thrust Washer Set		TW-695S	STD					
NOTE: Position Number 2 Use With Part Number MS-2303, MS-1946								
68	4.0L 3952 CC 241 CID SOHC 24V V6 CHRYSLER VIN Codes: '6' (2007-2008), 'X' (2008-2011)			3.780"/96.0mm x 3.580"/91.0mm				68
Connecting Rod Bearing Pair (6)	AL-5	CB-1881A	STD, .25mm, .50mm, .75mm	2.2828/2.2835	0.0004/0.0022	0.0587	2.4013/2.4018	0.6850
Connecting Rod Bearing Set	AL-5	CB-1881A(6)	STD, .25mm, .50mm, .75mm	2.2828/2.2835	0.0004/0.0022	0.0587	2.4013/2.4018	0.6850
Main Bearing Set 1-2-3-4	AL-5	MS-2303A MB-3945A	STD, .25mm	2.7160/2.7170	0.0002/0.0028	0.0979	2.9130/2.9138	0.7220



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
68 (cont.)	4.0L 3952 CC 241 CID SOHC 24V V6 CHRYSLER VIN Codes: '6' (2007-2008), 'X' (2008-2011)			3.780"/96.0mm x 3.580"/91.0mm				68 (cont.)
Thrust Washer Set		TW-695S	STD					
For Years: 2007 - 2009								
NOTE: Position Number 2 Use With Part Number MS-2303, MS-1946								
69	4.1L 4114 CC 251 CID L-HEAD 12V L6 CHRYSLER A251, V25 (1958-1967)			3.440"/87.3mm x 4.500"/114.3mm				69
Camshaft Bearing Set		B-1 SH-37S	STD					
1		SH-23		1.9980/1.9990	0.0005/0.0040	0.0650	2.1290/2.1300	1.1010
2		SH-37		1.9665/1.9675	0.0005/0.0045	0.0652	2.0985/2.0995	1.0700
3		SH-38		1.9350/1.9360	0.0005/0.0044	0.0653	2.0670/2.0680	1.0690
70	4.3L 4343 CC 265 CID L-HEAD 12V L6 CHRYSLER (1954-1960)			3.440"/87.3mm x 4.750"/120.6mm				70
Camshaft Bearing Set		B-1 SH-37S	STD					
1		SH-23		1.9980/1.9990	0.0005/0.0040	0.0650	2.1290/2.1300	1.1010
2		SH-37		1.9665/1.9675	0.0005/0.0045	0.0652	2.0985/2.0995	1.0700
3		SH-38		1.9350/1.9360	0.0005/0.0044	0.0653	2.0670/2.0680	1.0690
For Year: 1960								
Piston Pin Bushing (6)		B 223-3349	STD	0.0325 0.9130/0.9140 1.1250				
For Year: 1954								
NOTE: OE Replacement, Requires Light Reaming								
71	5.9L 359 CID OHV 12V L6 CUMMINS (1999-2010)			4.020"/102.0mm x 4.720"/120.0mm				71
	5.9L 359 CID OHV 24V L6 CUMMINS VIN Code: '6' (1998-2004)			4.020"/102.0mm x 4.720"/120.0mm				
Connecting Rod Bearing Pair (6)		TM-112 CB-1873AP	STD, .25mm, .50mm, .75mm	2.7160/2.7170	0.0015/0.0045	0.0775	2.8735/2.8745	1.2250
For Years: 2003 - 2009								
NOTE: Tri-metal Upper Bearing								
Connecting Rod Bearing Pair (6)		TM-112 CB-1413P	STD, .25mm, .50mm, .75mm	2.7160/2.7170	0.0015/0.0045	0.0775	2.8735/2.8745	1.2250
For Years: 1998 - 2002								
Connecting Rod Bearing Pair (6)		TM-112 CB-1846P-.25mm	.50mm	2.7160/2.7170	0.0015/0.0045	0.0874	2.8835/2.8845	1.2250
For Years: 1998 - 2002								
NOTE: Connecting Rods With Housing Bore Resized .010in Larger Than Stock								
Main Bearing Set		TM-112 MS-2328P	STD, .25mm, .50mm	3.2672/3.2682	0.0017/0.0047	0.0970	3.4638/3.4652	1.4700
		MB-3109P(F)		3.2672/3.2682	0.0017/0.0047	0.0970	3.4640/3.4650	1.1430
		MB-3110P						
Camshaft Bearing		C-1 SH-1981	STD	2.1255/2.1265		0.1010	2.3316/2.3330	1.0100
1		SH-1981						
For Years: 1999 - 2009								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
72	5.9L 359 CID OHV 12V L6 CUMMINS; HO VIN Code: 'C' (2003, 2005)			4.020"/102.0mm x 4.720"/120.0mm				72
	5.9L 359 CID OHV 24V L6 CUMMINS; HO VIN Codes: '7' (2009), 'C' (2005-2008)			4.020"/102.0mm x 4.720"/120.0mm				
Connecting Rod Bearing Pair (6)	TM-112	CB-1873AP	STD, .25mm, .50mm, .75mm	2.7160/2.7170	0.0015/0.0045	0.0775	2.8735/2.8745	1.2250
NOTE: Tri-metal Upper Bearing								
Main Bearing Set	TM-112	MS-2328P	STD, .25mm, .50mm					
		MB-3109P(F)		3.2672/3.2682	0.0017/0.0047	0.0970	3.4638/3.4652	1.4700
		MB-3110P		3.2672/3.2682	0.0017/0.0047	0.0970	3.4640/3.4650	1.1430
Camshaft Bearing 1	C-1	SH-1981	STD					
		SH-1981		2.1255/2.1265		0.1010	2.3316/2.3330	1.0100
73	5.9L 359 CID OHV 12V L6 CUMMINS VIN Codes: '8' (1989-1991), 'C' (1991-1993), 'D' (1997-1998)			4.020"/102.0mm x 4.720"/120.0mm				73
Connecting Rod Bearing Pair (6)	TM-112	CB-1413P	STD, .25mm, .50mm, .75mm	2.7160/2.7170	0.0015/0.0045	0.0775	2.8735/2.8745	1.2250
Connecting Rod Bearing Pair (6)	TM-112	CB-1846P-.25mm	.50mm	2.7160/2.7170	0.0015/0.0045	0.0874	2.8835/2.8845	1.2250
NOTE: Connecting Rods With Housing Bore Resized .010in Larger Than Stock								
Main Bearing Set	TM-112	MS-2328P	STD, .25mm, .50mm					
		MB-3109P(F)		3.2672/3.2682	0.0017/0.0047	0.0970	3.4638/3.4652	1.4700
		MB-3110P		3.2672/3.2682	0.0017/0.0047	0.0970	3.4640/3.4650	1.1430
Camshaft Bearing 1	AL-3	SH-1404	STD					
		SH-1404		2.1245/2.1265			2.2528/2.2542	1.0100
NOTE: Individual Bearing								
74	5.9L 359 CID OHV 12V L6 CUMMINS VIN Code: 'C' (1994-1996)			4.020"/102.0mm x 4.720"/120.0mm				74
Connecting Rod Bearing Pair (6)	TM-112	CB-1413P	STD, .25mm, .50mm, .75mm	2.7160/2.7170	0.0015/0.0045	0.0775	2.8735/2.8745	1.2250
Connecting Rod Bearing Pair (6)	TM-112	CB-1846P-.25mm	.50mm	2.7160/2.7170	0.0015/0.0045	0.0874	2.8835/2.8845	1.2250
NOTE: Connecting Rods With Housing Bore Resized .010in Larger Than Stock								
Main Bearing Set	TM-112	MS-2328P	STD, .25mm, .50mm					
		MB-3109P(F)		3.2672/3.2682	0.0017/0.0047	0.0970	3.4638/3.4652	1.4700
		MB-3110P		3.2672/3.2682	0.0017/0.0047	0.0970	3.4640/3.4650	1.1430
Camshaft Bearing 1	AL-3	SH-1404	STD					
		SH-1404		2.1245/2.1265			2.2528/2.2542	1.0100
NOTE: Individual Bearing								
Piston Pin Bushing (6)		223-3717	STD					
For Years: 1994 - 1995								
NOTE: OE Replacement								
75	5.9L 359 CID OHV 24V L6 CUMMINS; HO VIN Code: '7' (2001-2002)			4.020"/102.0mm x 4.720"/120.0mm				75
Connecting Rod Bearing Pair (6)	TM-112	CB-1413P	STD, .25mm, .50mm, .75mm	2.7160/2.7170	0.0015/0.0045	0.0775	2.8735/2.8745	1.2250
Connecting Rod Bearing Pair (6)	TM-112	CB-1846P-.25mm	.50mm	2.7160/2.7170	0.0015/0.0045	0.0874	2.8835/2.8845	1.2250
NOTE: Connecting Rods With Housing Bore Resized .010in Larger Than Stock								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
75 (cont.)	5.9L 359 CID OHV 24V L6 CUMMINS; HO VIN Code: '7' (2001-2002)			4.020"/102.0mm x 4.720"/120.0mm				75 (cont.)
Main Bearing Set	TM-112	MS-2328P MB-3109P(F) MB-3110P	STD,.25mm,.50mm	3.2672/3.2682 3.2672/3.2682	0.0017/0.0047 0.0017/0.0047	0.0970 0.0970	3.4638/3.4652 3.4640/3.4650	1.4700 1.1430
Camshaft Bearing 1	C-1	SH-1981 SH-1981	STD	2.1255/2.1265		0.1010	2.3316/2.3330	1.0100
76 (cont.)	6.7L 408 CID OHV 24V L6 CUMMINS ETK VIN Code: 'L' (2013)			4.210"/107.0mm x 4.080"/124.0mm				76 (cont.)
Connecting Rod Bearing Pair (6)	TM-112	CB-1873AP	STD,.25mm,.50mm, .75mm	2.7160/2.7170	0.0015/0.0045	0.0775	2.8735/2.8745	1.2250
NOTE: Tri-metal Upper Bearing								
8 CYL								
77 (cont.)	4.5L 4473 CC 273 CID OHV 16V V8 CHRYSLER A273 VIN Code: 'D' (1966-1969)			3.630"/92.1mm x 3.310"/84.1mm				77 (cont.)
	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER A318 VIN Codes: '8' (1968-1969), 'F' (1967-1969)			3.910"/99.2mm x 3.310"/84.1mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Main Bearing Set 1-2-4	TM-77	MS-540P MB-2035P	STD,10,20,30,40	2.4995/2.5005	0.0002/0.0023	0.0959	2.6925/2.6930	0.8770
3		MB-2036P(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.1520
5		MB-2559P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
Camshaft Bearing Set 1	B-1	SH-875S SH-875	STD	1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-326		1.9820/1.9830	0.0005/0.0045	0.0650	2.1135/2.1145	0.7700
3		SH-327		1.9670/1.9680	0.0005/0.0045	0.0650	2.0985/2.0995	0.7570
4		SH-328		1.9510/1.9520	0.0005/0.0045	0.0650	2.0825/2.0835	0.7700
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
Piston Pin Bushing (8)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
NOTE: OE Replacement, Requires Light Reaming								
78 (cont.)	4.5L 4473 CC 273 CID OHV 16V V8 CHRYSLER V27 (1964)			3.630"/92.1mm x 3.310"/84.1mm				78 (cont.)
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480



DODGE

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
78 (cont.)	4.5L 4473 CC 273 CID OHV 16V V8 CHRYSLER V27 (1964)			3.630"/92.1mm x 3.310"/84.1mm				78 (cont.)
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Main Bearing Set 1-2-4	TM-77	MS-540P	STD,10,20,30,40	2.4995/2.5005	0.0002/0.0023	0.0959	2.6925/2.6930	0.8770
3		MB-2035P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.1520
5		MB-2036P(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.1520
		MB-2559P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
Camshaft Bearing Set 1	B-1	SH-875S	STD					
2		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
3		SH-326		1.9820/1.9830	0.0005/0.0045	0.0650	2.1135/2.1145	0.7700
4		SH-327		1.9670/1.9680	0.0005/0.0045	0.0650	2.0985/2.0995	0.7570
5		SH-328		1.9510/1.9520	0.0005/0.0045	0.0650	2.0825/2.0835	0.7700
		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
79	4.7L 285 CID SOHC 16V V8 CHRYSLER; Magnum			3.660"/93.0mm x 3.410"/86.5mm				79
	VIN Codes: 'N' (2004-2008), 'P' (2005-2010)							
	4.7L 285 CID SOHC 16V V8 CHRYSLER; Magnum HO			3.660"/93.0mm x 3.410"/86.5mm				
	VIN Code: 'J' (2006-2007)							
Connecting Rod Bearing Pair (8)	AL-5	CB-1854A	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0023	0.0586	2.1257/2.1262	0.6547
NOTE: Without Locating Tab								
Connecting Rod Bearing Pair (8)	AL-5	CB-1855A-.25mm	.50mm	2.0075/2.0082	0.0005/0.0023	0.0595	2.1277/2.1282	0.6550
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock Without Locating Tab								
Connecting Rod Bearing Pair (8)	TM-77	CB-1784P	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0025	0.0586	2.1257/2.1262	0.6547
NOTE: With Locating Tab								
Connecting Rod Bearing Set	AL-5	CB-1804A-.25mm(8)	.50mm	2.0075/2.0082	0.0004/0.0018	0.0596	2.1277/2.1282	0.6547
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock With Locating Tab								
Connecting Rod Bearing Set	AL-5	CB-1854A(8)	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0023	0.0586	2.1257/2.1262	0.6547
NOTE: Without Locating Tab								
Connecting Rod Bearing Set	AL-5	CB-1855A-.25mm(8)	.50mm	2.0075/2.0082	0.0005/0.0023	0.0595	2.1277/2.1282	0.6550
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock Without Locating Tab								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
79 (cont.)	4.7L 285 CID SOHC 16V V8 CHRYSLER; Magnum VIN Codes: 'N' (2004-2008), 'P' (2005-2010)			3.660"/93.0mm x 3.410"/86.5mm				79 (cont.)
	4.7L 285 CID SOHC 16V V8 CHRYSLER; Magnum HO VIN Code: 'J' (2006-2007)			3.660"/93.0mm x 3.410"/86.5mm				
Connecting Rod Bearing Set	TM-77	CB-1784P(8)	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0025	0.0586	2.1257/2.1262	0.6547
NOTE: With Locating Tab								
Main Bearing Set 1-2-3-4-5	AL-5	MS-2216A MB-3771A	STD,.25mm,.50mm	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6930	0.8120
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-608S								
Main Bearing Set 1-2-3-4-5	AL-5	MS-2285A-.25mm MB-3922A	.50mm	2.4998/2.5002	0.0002/0.0013	0.0972	2.6947/2.6951	0.8120
For Years: 2006 - 2007								
NOTE: Engines With .002in Larger Main Housing Bore Diameter, Requires Thrust Washer Set, Not Included, Use With Part Number TW-608S								
Main Bearing Set 1-2-3-4-5	TM-77	MS-2242P MB-3790P	STD,.25mm,.50mm	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
Thrust Washer Set	TM-77	TW-608S MB-3771W	STD	2.8010/2.8210			3.5890/3.6140	0.0980
80	4.7L 285 CID SOHC 16V V8 CHRYSLER; Power-Tech VIN Codes: 'J' (2005), 'N' (2002-2005)			3.660"/93.0mm x 3.410"/86.5mm				80
	4.7L 285 CID SOHC 16V V8 CHRYSLER; Magnum VIN Code: 'N' (2008)			3.660"/93.0mm x 3.410"/86.5mm				
	4.7L 287 CID SOHC 16V V8 CHRYSLER; Power-Tech VIN Codes: 'N' (2000-2004), 'P' (2004)			3.660"/93.0mm x 3.410"/86.5mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-1854A	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0023	0.0586	2.1257/2.1262	0.6547
NOTE: Without Locating Tab								
Connecting Rod Bearing Pair (8)	AL-5	CB-1855A-.25mm	.50mm	2.0075/2.0082	0.0005/0.0023	0.0595	2.1277/2.1282	0.6550
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock Without Locating Tab								
Connecting Rod Bearing Pair (8)	TM-77	CB-1784P	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0025	0.0586	2.1257/2.1262	0.6547
NOTE: With Locating Tab								
Connecting Rod Bearing Set	AL-5	CB-1804A-.25mm(8)	.50mm	2.0075/2.0082	0.0004/0.0018	0.0596	2.1277/2.1282	0.6547
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock With Locating Tab								
Connecting Rod Bearing Set	AL-5	CB-1854A(8)	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0023	0.0586	2.1257/2.1262	0.6547
NOTE: Without Locating Tab								
Connecting Rod Bearing Set	AL-5	CB-1855A-.25mm(8)	.50mm	2.0075/2.0082	0.0005/0.0023	0.0595	2.1277/2.1282	0.6550
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock Without Locating Tab								
Connecting Rod Bearing Set	TM-77	CB-1784P(8)	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0025	0.0586	2.1257/2.1262	0.6547
NOTE: With Locating Tab								



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
80 (cont.)	4.7L 285 CID SOHC 16V V8 CHRYSLER; Power-Tech VIN Codes: 'J' (2005), 'N' (2002-2005)			3.660"/93.0mm x 3.410"/86.5mm					80 (cont.)
	4.7L 285 CID SOHC 16V V8 CHRYSLER; Magnum VIN Code: 'N' (2008)			3.660"/93.0mm x 3.410"/86.5mm					
	4.7L 287 CID SOHC 16V V8 CHRYSLER; Power-Tech VIN Codes: 'N' (2000-2004), 'P' (2004)			3.660"/93.0mm x 3.410"/86.5mm					
Main Bearing Set 1-2-3-4-5	AL-5	MS-2216A MB-3771A	STD,.25mm,.50mm	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6930	0.8120	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-608S									
Main Bearing Set 1-2-3-4-5	TM-77	MS-2242P MB-3790P	STD,.25mm,.50mm	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120	
Thrust Washer Set	TM-77	TW-608S MB-3771W	STD	2.8010/2.8210			3.5890/3.6140	0.0980	
81	5.1L 5130 CC 313 CID OHV 16V V8 CHRYSLER (1958-1961)			3.880"/98.4mm x 3.310"/84.1mm					81
	5.1L 5163 CC 315 CID OHV 16V V8 CHRYSLER (1958-1959)			3.630"/92.1mm x 3.800"/96.4mm					
	5.3L 5343 CC 326 CID OHV 16V V8 CHRYSLER (1959)			3.950"/100.4mm x 3.310"/84.1mm					
Connecting Rod Bearing Pair (8) For Years: 1959 - 1961	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480	
Connecting Rod Bearing Pair (8) For Years: 1959 - 1961	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480	
Connecting Rod Bearing Set For Years: 1959 - 1961	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480	
Connecting Rod Bearing Set For Years: 1959 - 1961	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480	
Main Bearing Set 1-2-4 3 5	TM-77	MS-540P MB-2035P MB-2036P(F) MB-2559P	STD,10,20,30,40	2.4995/2.5005	0.0002/0.0023	0.0959	2.6925/2.6930	0.8770	
				2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.1520	
				2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270	
82	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER VIN Codes: 'E' (1966-1974), 'G' (1970-1974)			3.910"/99.2mm x 3.310"/84.1mm					82
	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER VIN Code: 'E' (1970-1974)			3.910"/99.3mm x 3.310"/84.2mm					
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480	
Connecting Rod Bearing Pair (8) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480	
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480	
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480	



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
82 (cont.)	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER VIN Codes: 'E' (1966-1974), 'G' (1970-1974)			3.910"/99.2mm x 3.310"/84.1mm				82 (cont.)
	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER VIN Code: 'E' (1970-1974)			3.910"/99.3mm x 3.310"/84.2mm				
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Main Bearing Set 1-2-4	AL-5	MS-1344A	STD,10,20,30	2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	0.8770
3		MB-2283A		2.4995/2.5005	0.0004/0.0025	0.0959	2.6925/2.6930	1.1520
5		MB-2620A(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
		MB-2559A						
For Year: 1974								
Main Bearing Set 1-2-4	TM-77	MS-540P	STD,10,20,30,40	2.4995/2.5005	0.0002/0.0023	0.0959	2.6925/2.6930	0.8770
3		MB-2035P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.1520
5		MB-2036P(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
		MB-2559P						
For Years: 1966 - 1973								
Main Bearing Set 1-2-4	TM-77	MS-1344P	STD,10,20	2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	0.8770
3		MB-2283P		2.4995/2.5005	0.0004/0.0025	0.0958	2.6925/2.6930	1.1520
5		MB-2620P(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
		MB-2559P						
For Year: 1974								
Camshaft Bearing Set 1	B-1	SH-875S	STD	1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-875		1.9820/1.9830	0.0005/0.0045	0.0650	2.1135/2.1145	0.7700
3		SH-326		1.9670/1.9680	0.0005/0.0045	0.0650	2.0985/2.0995	0.7570
4		SH-327		1.9510/1.9520	0.0005/0.0045	0.0650	2.0825/2.0835	0.7700
5		SH-328		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
		SH-329						
Piston Pin Bushing (8)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
NOTE: OE Replacement, Requires Light Reaming								
83	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER MD2, P31, R31, S31, T31, V31 (1959-1964)			3.910"/99.2mm x 3.310"/84.1mm				83
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
83 (cont.)	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER MD2, P31, R31, S31, T31, V31 (1959-1964)			3.910"/99.2mm x 3.310"/84.1mm			83 (cont.)	
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Main Bearing Set	TM-77	MS-540P	STD,10,20,30,40					
1-2-4		MB-2035P		2.4995/2.5005	0.0002/0.0023	0.0959	2.6925/2.6930	0.8770
3		MB-2036P(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.1520
5		MB-2559P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
84	5.2L 5211 CC 318 CID SOHC 16V V8 CHRYSLER (1998)			3.910"/99.3mm x 3.310"/84.1mm			84	
	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER (1998)			3.910"/99.3mm x 3.310"/84.1mm				
Main Bearing Set	AL-5	MS-1344A	STD,10,20,30					
1-2-4		MB-2283A		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	0.8770
3		MB-2620A(F)		2.4995/2.5005	0.0004/0.0025	0.0959	2.6925/2.6930	1.1520
5		MB-2559A		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
Main Bearing Set	TM-77	MS-1344P	STD,10,20					
1-2-4		MB-2283P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	0.8770
3		MB-2620P(F)		2.4995/2.5005	0.0004/0.0025	0.0958	2.6925/2.6930	1.1520
5		MB-2559P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
85	5.2L 318 CID OHV 16V V8 CHRYSLER VIN Codes: 'G' (1975-1978, 1980), 'H' (1978, 1980)			3.910"/99.3mm x 3.310"/84.2mm			85	
	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER VIN Code: 'E' (1975-1980)			3.910"/99.3mm x 3.310"/84.1mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Main Bearing Set	AL-5	MS-1344A	STD,10,20,30					
1-2-4		MB-2283A		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	0.8770
3		MB-2620A(F)		2.4995/2.5005	0.0004/0.0025	0.0959	2.6925/2.6930	1.1520
5		MB-2559A		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
Main Bearing Set	TM-77	MS-1344P	STD,10,20					
1-2-4		MB-2283P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	0.8770
3		MB-2620P(F)		2.4995/2.5005	0.0004/0.0025	0.0958	2.6925/2.6930	1.1520
5		MB-2559P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270



DODGE

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
85 (cont.)	5.2L 318 CID OHV 16V V8 CHRYSLER			3.910"/99.3mm x 3.310"/84.2mm					85 (cont.)
	VIN Codes: 'G' (1975-1978, 1980), 'H' (1978, 1980)								
	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER			3.910"/99.3mm x 3.310"/84.1mm					
			VIN Code: 'E' (1975-1980)						
Camshaft Bearing B-1 Set									
		SH-875S	STD						
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000	
2		SH-326		1.9820/1.9830	0.0005/0.0045	0.0650	2.1135/2.1145	0.7700	
3		SH-327		1.9670/1.9680	0.0005/0.0045	0.0650	2.0985/2.0995	0.7570	
4		SH-328		1.9510/1.9520	0.0005/0.0045	0.0650	2.0825/2.0835	0.7700	
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500	
For Years: 1975 - 1978									
Camshaft Bearing B-1 Set									
		SH-1112S	STD						
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000	
2		SH-1112		1.9820/1.9830	0.0015/0.0055	0.0645	2.1135/2.1145	0.6300	
3		SH-1113		1.9670/1.9680	0.0015/0.0055	0.0645	2.0985/2.0995	0.6300	
4		SH-1114		1.9510/1.9520	0.0015/0.0055	0.0645	2.0825/2.0835	0.6300	
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500	
For Years: 1979 - 1980									
Piston Pin Bushing (8)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400	
NOTE: OE Replacement, Requires Light Reaming									
86	5.2L 318 CID OHV 16V V8 CHRYSLER			3.910"/99.3mm x 3.310"/84.2mm					86
	VIN Codes: '4' (1989), 'H' (1979), 'K' (1981-1982), 'L' (1981-1982), 'M' (1981-1982), 'N' (1981-1982), 'P' (1983-1989), 'S' (1985-1986, 1988-1989)								
	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER			3.910"/99.3mm x 3.310"/84.1mm					
	VIN Codes: 'P' (1979-1980), 'R' (1981-1983, 1985), 'T' (1983-1987), 'U' (1983)								
5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER; Magnum			3.910"/99.3mm x 3.310"/84.1mm						
VIN Code: '2' (1998-2000)									
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480	
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480	
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480	
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480	
Main Bearing Set	AL-5	MS-1344A	STD,10,20,30						
1-2-4		MB-2283A		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	0.8770	
3		MB-2620A(F)		2.4995/2.5005	0.0004/0.0025	0.0959	2.6925/2.6930	1.1520	
5		MB-2559A		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270	



DODGE

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
86 (cont.)	5.2L 318 CID OHV 16V V8 CHRYSLER VIN Codes: '4' (1989), 'H' (1979), 'K' (1981-1982), 'L' (1981-1982), 'M' (1981-1982), 'N' (1981-1982), 'P' (1983-1989), 'S' (1985-1986, 1988-1989)			3.910"/99.3mm x 3.310"/84.2mm				86 (cont.)
	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER VIN Codes: 'P' (1979-1980), 'R' (1981-1983, 1985), 'T' (1983-1987), 'U' (1983)			3.910"/99.3mm x 3.310"/84.1mm				
	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER; Magnum VIN Code: '2' (1998-2000)			3.910"/99.3mm x 3.310"/84.1mm				
Main Bearing Set	TM-77	MS-1344P	STD,10,20					
1-2-4		MB-2283P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	0.8770
3		MB-2620P(F)		2.4995/2.5005	0.0004/0.0025	0.0958	2.6925/2.6930	1.1520
5		MB-2559P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
Camshaft Bearing Set	B-1	SH-1112S	STD					
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-1112		1.9820/1.9830	0.0015/0.0055	0.0645	2.1135/2.1145	0.6300
3		SH-1113		1.9670/1.9680	0.0015/0.0055	0.0645	2.0985/2.0995	0.6300
4		SH-1114		1.9510/1.9520	0.0015/0.0055	0.0645	2.0825/2.0835	0.6300
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
Piston Pin Bushing (8)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
NOTE: OE Replacement, Requires Light Reaming								
87	5.2L 5211 CC 318 CID OHV 16V V8 CHRYSLER (1999)			3.910"/99.3mm x 3.310"/84.1mm				87
Main Bearing Set	AL-5	MS-1344A	STD,10,20,30					
1-2-4		MB-2283A		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	0.8770
3		MB-2620A(F)		2.4995/2.5005	0.0004/0.0025	0.0959	2.6925/2.6930	1.1520
5		MB-2559A		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
Main Bearing Set	TM-77	MS-1344P	STD,10,20					
1-2-4		MB-2283P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	0.8770
3		MB-2620P(F)		2.4995/2.5005	0.0004/0.0025	0.0958	2.6925/2.6930	1.1520
5		MB-2559P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
Camshaft Bearing Set	B-1	SH-1112S	STD					
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-1112		1.9820/1.9830	0.0015/0.0055	0.0645	2.1135/2.1145	0.6300
3		SH-1113		1.9670/1.9680	0.0015/0.0055	0.0645	2.0985/2.0995	0.6300
4		SH-1114		1.9510/1.9520	0.0015/0.0055	0.0645	2.0825/2.0835	0.6300
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
Piston Pin Bushing (8)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
NOTE: OE Replacement, Requires Light Reaming								
88	5.6L 5572 CC 340 CID OHV 16V V8 CHRYSLER VIN Codes: 'H' (1970-1973), 'J' (1970-1971), 'P' (1968-1969)			4.040"/102.5mm x 3.310"/84.1mm				88
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



DODGE

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
88 (cont.)	5.6L 5572 CC 340 CID OHV 16V V8 CHRYSLER			4.040"/102.5mm x 3.310"/84.1mm				88 (cont.)
VIN Codes: 'H' (1970-1973), 'J' (1970-1971), 'P' (1968-1969)								
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Main Bearing Set 1-2-4	TM-77	MS-540P	STD,10,20,30,40	2.4995/2.5005	0.0002/0.0023	0.0959	2.6925/2.6930	0.8770
3		MB-2035P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.1520
5		MB-2036P(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.1520
		MB-2559P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
Main Bearing Set 1-2-4	TM-77	MS-963P	STD,10,20,30	2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	0.8770
3		MB-2283P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.1520
5		MB-2036P(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.1520
		MB-2559P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
NOTE: Position 1, 2, 4 And 5 Are Full Grooved								
Camshaft Bearing Set 1	B-1	SH-875S	STD	1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-875		1.9820/1.9830	0.0005/0.0045	0.0650	2.1135/2.1145	0.7700
3		SH-326		1.9670/1.9680	0.0005/0.0045	0.0650	2.0985/2.0995	0.7570
4		SH-327		1.9510/1.9520	0.0005/0.0045	0.0650	2.0825/2.0835	0.7700
5		SH-328		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
		SH-329						
Piston Pin Bushing (8)	B	223-3484	STD			0.0320	1.0370/1.0390	1.1400
NOTE: OE Replacement, Requires Light Reaming								
89	5.7L 345 CID OHV 16V V8 CHRYSLER EZB; HEMI (2006-2008)			3.920"/99.5mm x 3.580"/90.9mm				89
	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI			3.920"/99.6mm x 3.580"/90.9mm				
VIN Code: '2' (2014)								
Connecting Rod Bearing Pair (8)	AL-5	CB-1808A	STD,.25mm,.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Connecting Rod Bearing Pair (8)	AL-5	CB-1809A-.25mm	.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-1808P	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0029	0.0626	2.2522/2.2527	0.7910
Connecting Rod Bearing Set	AL-5	CB-1808A(8)	STD,.25mm,.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Connecting Rod Bearing Set	AL-5	CB-1809A-.25mm(8)	.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-1808P(8)	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
89 (cont.)	5.7L 345 CID OHV 16V V8 CHRYSLER EZB; HEMI (2006-2008)			3.920"/99.5mm x 3.580"/90.9mm					89 (cont.)
	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI VIN Code: '2' (2014)			3.920"/99.6mm x 3.580"/90.9mm					
Main Bearing Set	AL-5	MS-2220A	STD, .25mm, .50mm, .75mm						
1-2-3-4-5		MB-3780A		2.5589/2.5592	0.0005/0.0023	0.0962	2.7517/2.7522	0.8510	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S									
Main Bearing Set	TM-77	MS-2220P	STD, .25mm, .50mm						
1-2-3-4-5		MB-3780P		2.5589/2.5592	0.0005/0.0023	0.0962	2.7517/2.7522	0.8510	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S									
Thrust Washer Set	TM-77	TW-611S	STD						
		MB-3780W		2.8600/2.8800			3.6760	0.0980	
NOTE: Position 2 Number Use Part Number MS-2220									
90	5.7L 345 CID OHV 16V V8 CHRYSLER EZB; HEMI VIN Codes: '2' (2006-2008), 'D' (2003-2008), 'H' (2006-2008)			3.920"/99.6mm x 3.580"/90.9mm					90
	6.1L 6059 CC 370 CID OHV 16V V8 CHRYSLER; HEMI VIN Codes: '3' (2006-2008), 'W' (2006-2010)			4.060"/103.0mm x 3.580"/90.9mm					
Connecting Rod Bearing Pair (8)	AL-5	CB-1808A	STD, .25mm, .50mm, .75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910	
Connecting Rod Bearing Pair (8)	AL-5	CB-1809A-.25mm	.50mm, .75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Pair (8)	TM-77	CB-1808P	STD, .25mm, .50mm	2.1257/2.1263	0.0008/0.0029	0.0626	2.2522/2.2527	0.7910	
Connecting Rod Bearing Set	AL-5	CB-1808A(8)	STD, .25mm, .50mm, .75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910	
Connecting Rod Bearing Set	AL-5	CB-1809A-.25mm(8)	.50mm, .75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	TM-77	CB-1808P(8)	STD, .25mm, .50mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910	
Main Bearing Set	AL-5	MS-2220A	STD, .25mm, .50mm, .75mm						
1-2-3-4-5		MB-3780A		2.5589/2.5592	0.0005/0.0023	0.0962	2.7517/2.7522	0.8510	
For Years: 2003 - 2009									
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S									
Main Bearing Set	TM-77	MS-2220P	STD, .25mm, .50mm						
1-2-3-4-5		MB-3780P		2.5589/2.5592	0.0005/0.0023	0.0962	2.7517/2.7522	0.8510	
For Years: 2003 - 2009									
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S									
Thrust Washer Set	TM-77	TW-611S	STD						
		MB-3780W		2.8600/2.8800			3.6760	0.0980	
For Years: 2003 - 2009									
NOTE: Position 2 Number Use Part Number MS-2220									



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
90 (cont.)	5.7L 345 CID OHV 16V V8 CHRYSLER EZB; HEMI VIN Codes: '2' (2006-2008), 'D' (2003-2008), 'H' (2006-2008)			3.920"/99.6mm x 3.580"/90.9mm				90 (cont.)
	6.1L 6059 CC 370 CID OHV 16V V8 CHRYSLER; HEMI VIN Codes: '3' (2006-2008), 'W' (2006-2010)			4.060"/103.0mm x 3.580"/90.9mm				
Camshaft Bearing Set								
		SH-1990S	STD					
1		SH-1990		2.2906/2.2913	0.0013/0.0042	0.0650	2.4226/2.4236	0.6700
2		SH-1991		2.2748/2.2756	0.0012/0.0042	0.0650	2.4068/2.4078	0.5920
3		SH-1992		2.2591/2.2598	0.0013/0.0042	0.0650	2.3911/2.3921	0.5920
4		SH-1993		2.2433/2.2441	0.0012/0.0042	0.0650	2.3753/2.3763	0.5920
5		SH-1994		1.7170/1.7178	0.0016/0.0054	0.0650	1.8494/1.8504	0.5920
For Years: 2003 - 2009								
91	5.7L 345 CID OHV 16V V8 CHRYSLER EZC, EZF, EZH; HEMI VIN Codes: '2' (2013-2016), 'T' (2013-2016)			3.920"/99.6mm x 3.580"/90.9mm				91
Connecting Rod Bearing Pair (8)	AL-5	CB-1808A	STD,.25mm,.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
For Years: 2013 - 2014								
Connecting Rod Bearing Pair (8)	AL-5	CB-1809A-.25mm	.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
For Years: 2013 - 2014								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-1808P	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0029	0.0626	2.2522/2.2527	0.7910
For Years: 2013 - 2014								
Connecting Rod Bearing Set	AL-5	CB-1808A(8)	STD,.25mm,.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
For Years: 2013 - 2014								
Connecting Rod Bearing Set	AL-5	CB-1809A-.25mm(8)	.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
For Years: 2013 - 2014								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-1808P(8)	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
For Years: 2013 - 2014								
Main Bearing Set	AL-5	MS-2220A	STD,.25mm,.50mm,.75mm					
1-2-3-4-5		MB-3780A		2.5589/2.5592	0.0005/0.0023	0.0962	2.7517/2.7522	0.8510
For Years: 2013 - 2014								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S								
Main Bearing Set	AL-5	MS-2296A	STD,.25mm					
1-2-3-4-5		MB-3940A		2.5589/2.5592	0.0001/0.0015	0.0962	2.7517/2.7522	0.8510
For Years: 2015 - 2016								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S								
Main Bearing Set	TM-77	MS-2220P	STD,.25mm,.50mm					
1-2-3-4-5		MB-3780P		2.5589/2.5592	0.0005/0.0023	0.0962	2.7517/2.7522	0.8510
For Years: 2013 - 2014								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
91 (cont.)	5.7L 345 CID OHV 16V V8 CHRYSLER EZC, EZF, EZH; HEMI VIN Codes: '2' (2013-2016), 'T' (2013-2016)			3.920"/99.6mm x 3.580"/90.9mm			91 (cont.)	
Thrust Washer Set (3)	TM-77	TW-611S MB-3780W	STD	2.8600/2.8800		3.6760		0.0980
For Years: 2013 - 2014 NOTE: Position 2 Number Use Part Number MS-2220								
Camshaft Bearing Set	B-1	SH-2191S	STD					
For Year: 2013 NOTE: For VVT Camshaft								
92	5.7L 345 CID OHV 16V V8 CHRYSLER EZC, EZD, EZE, EZH; HEMI VIN Code: 'T' (2009)			3.920"/99.6mm x 3.580"/90.9mm			92	
Connecting Rod Bearing Pair (8)	AL-5	CB-1808A	STD, .25mm, .50mm, .75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Connecting Rod Bearing Pair (8)	AL-5	CB-1809A-.25mm	.50mm, .75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-1808P	STD, .25mm, .50mm	2.1257/2.1263	0.0008/0.0029	0.0626	2.2522/2.2527	0.7910
Connecting Rod Bearing Set	AL-5	CB-1808A(8)	STD, .25mm, .50mm, .75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Connecting Rod Bearing Set	AL-5	CB-1809A-.25mm(8)	.50mm, .75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-1808P(8)	STD, .25mm, .50mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Main Bearing Set	AL-5	MS-2220A MB-3780A	STD, .25mm, .50mm, .75mm	2.5589/2.5592		0.0005/0.0023		0.0962
1-2-3-4-5 For Years: 2009 - 2012 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S								
Main Bearing Set	TM-77	MS-2220P MB-3780P	STD, .25mm, .50mm	2.5589/2.5592		0.0005/0.0023		0.0962
1-2-3-4-5 For Years: 2009 - 2012 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S								
Thrust Washer Set (3)	TM-77	TW-611S MB-3780W	STD	2.8600/2.8800		3.6760		0.0980
For Years: 2009 - 2012 NOTE: Position 2 Number Use Part Number MS-2220								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
92 (cont.)	5.7L 345 CID OHV 16V V8 CHRYSLER EZC, EZD, EZE, EZH; HEMI VIN Code: 'T' (2009)			3.920"/99.6mm x 3.580"/90.9mm				92 (cont.)
Camshaft Bearing Set	B-1	SH-1990S	STD					
1		SH-1990		2.2906/2.2913	0.0013/0.0042	0.0650	2.4226/2.4236	0.6700
2		SH-1991		2.2748/2.2756	0.0012/0.0042	0.0650	2.4068/2.4078	0.5920
3		SH-1992		2.2591/2.2598	0.0013/0.0042	0.0650	2.3911/2.3921	0.5920
4		SH-1993		2.2433/2.2441	0.0012/0.0042	0.0650	2.3753/2.3763	0.5920
5		SH-1994		1.7170/1.7178	0.0016/0.0054	0.0650	1.8494/1.8504	0.5920
For Year: 2009								
Camshaft Bearing Set	B-1	SH-2191S	STD					
NOTE: For VVT Camshaft								
93	5.7L 345 CID OHV 16V V8 CHRYSLER EZF; HEMI VIN Code: '2' (2012)			3.920"/99.6mm x 3.580"/90.9mm				93
Connecting Rod Bearing Pair (8)	AL-5	CB-1808A	STD,.25mm,.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Connecting Rod Bearing Pair (8)	AL-5	CB-1809A-.25mm	.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-1808P	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0029	0.0626	2.2522/2.2527	0.7910
Connecting Rod Bearing Set	AL-5	CB-1808A(8)	STD,.25mm,.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Connecting Rod Bearing Set	AL-5	CB-1809A-.25mm(8)	.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-1808P(8)	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Main Bearing Set	AL-5	MS-2220A	STD,.25mm,.50mm,.75mm					
1-2-3-4-5		MB-3780A		2.5589/2.5592	0.0005/0.0023	0.0962	2.7517/2.7522	0.8510
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S								
Main Bearing Set	TM-77	MS-2220P	STD,.25mm,.50mm					
1-2-3-4-5		MB-3780P		2.5589/2.5592	0.0005/0.0023	0.0962	2.7517/2.7522	0.8510
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S								
Thrust Washer Set (3)	TM-77	TW-611S	STD					
		MB-3780W		2.8600/2.8800			3.6760	0.0980
NOTE: Position 2 Number Use Part Number MS-2220								
Camshaft Bearing Set	B-1	SH-2191S	STD					
NOTE: For VVT Camshaft								
94	5.7L 345 CID OHV 16V V8 CHRYSLER EZH; HEMI VIN Codes: '2' (2012), 'T' (2012-2013)			3.920"/99.6mm x 3.580"/90.9mm				94
Connecting Rod Bearing Pair (8)	AL-5	CB-1808A	STD,.25mm,.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
94 (cont.)	5.7L 345 CID OHV 16V V8 CHRYSLER EZH; HEMI VIN Codes: '2' (2012), 'T' (2012-2013)			3.920"/99.6mm x 3.580"/90.9mm				94 (cont.)
Connecting Rod Bearing Pair (8)	AL-5	CB-1809A-.25mm	.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-1808P	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0029	0.0626	2.2522/2.2527	0.7910
Connecting Rod Bearing Set	AL-5	CB-1808A(8)	STD,.25mm,.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Connecting Rod Bearing Set	AL-5	CB-1809A-.25mm(8)	.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-1808P(8)	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Camshaft Bearing Set	B-1	SH-2191S	STD					
NOTE: For VVT Camshaft								
95	5.7L 5737 CC 350 CID OHV 16V V8 CHRYSLER (1958)			4.060"/103.2mm x 3.380"/85.7mm				95
	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER A361, D500, MD3H, MD3L, P36, R36, T36 VIN Code: 'F' (1966)			4.130"/104.8mm x 3.380"/85.7mm				
	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER A383, T38, V38 VIN Codes: '8' (1968-1970), 'G' (1966-1969), 'H' (1967-1969), 'J' (1967-1971), 'L' (1970-1971), 'N' (1970-1971)			4.250"/107.9mm x 3.380"/85.8mm				
	6.6L 400 CID OHV 16V V8 CHRYSLER VIN Codes: 'J' (1976-1978), 'M' (1975), 'N' (1975), 'P' (1975)			4.130"/104.8mm x 3.750"/95.2mm				
	6.6L 6556 CC 400 CID OHV 16V V8 CHRYSLER VIN Codes: 'J' (1971-1974), 'M' (1972-1974), 'N' (1974), 'P' (1972-1974)			4.340"/110.2mm x 3.380"/85.7mm				
	6.6L 400 CID OHV 16V V8 CHRYSLER VIN Codes: 'M' (1976), 'N' (1976-1978), 'P' (1975-1978)			4.340"/110.2mm x 3.380"/85.7mm				
	6.6L 6555 CC 400 CID OHV 16V V8 CHRYSLER VIN Codes: 'J' (1971-1974), 'M' (1972-1974), 'N' (1974), 'P' (1972-1974)			4.340"/110.2mm x 3.380"/85.8mm				
	6.6L 400 CID OHV 16V V8 CHRYSLER VIN Code: 'J' (1975-1978)			4.340"/110.2mm x 3.380"/85.8mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-527P	STD,1,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Connecting Rod Bearing Set	TM-77	CB-527P(8)	STD,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Main Bearing Set 1-2-4-5	TM-77	MS-876P	STD,10,20	2.6245/2.6255	0.0011/0.0036	0.0956	2.8175/2.8180	0.9490
3		MB-2065P MB-2456P(F)		2.6245/2.6255	0.0011/0.0036	0.0956	2.8175/2.8180	1.2240
NOTE: Contains Full Narrow Grooved Bearings								



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
95 (cont.)	5.7L 5737 CC 350 CID OHV 16V V8 CHRYSLER (1958)			4.060"/103.2mm x 3.380"/85.7mm					95 (cont.)
	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER A361, D500, MD3H, MD3L, P36, R36, T36 VIN Code: 'F' (1966)			4.130"/104.8mm x 3.380"/85.7mm					
	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER A383, T38, V38 VIN Codes: '8' (1968-1970), 'G' (1966-1969), 'H' (1967-1969), 'J' (1967-1971), 'L' (1970-1971), 'N' (1970-1971)			4.250"/107.9mm x 3.380"/85.8mm					
	6.6L 400 CID OHV 16V V8 CHRYSLER VIN Codes: 'J' (1976-1978), 'M' (1975), 'N' (1975), 'P' (1975)			4.130"/104.8mm x 3.750"/95.2mm					
	6.6L 6556 CC 400 CID OHV 16V V8 CHRYSLER VIN Codes: 'J' (1971-1974), 'M' (1972-1974), 'N' (1974), 'P' (1972-1974)			4.340"/110.2mm x 3.380"/85.7mm					
	6.6L 400 CID OHV 16V V8 CHRYSLER VIN Codes: 'M' (1976), 'N' (1976-1978), 'P' (1975-1978)			4.340"/110.2mm x 3.380"/85.7mm					
	6.6L 6555 CC 400 CID OHV 16V V8 CHRYSLER VIN Codes: 'J' (1971-1974), 'M' (1972-1974), 'N' (1974), 'P' (1972-1974)			4.340"/110.2mm x 3.380"/85.8mm					
	6.6L 400 CID OHV 16V V8 CHRYSLER VIN Code: 'J' (1975-1978)			4.340"/110.2mm x 3.380"/85.8mm					
Camshaft Bearing Set									
	B-1	SH-876S	STD						
1		SH-876		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.7600	
2		SH-403		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600	
3		SH-404		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.6800	
4		SH-405		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600	
5		SH-406		1.7480/1.7490	0.0005/0.0045	0.0645	1.8795/1.8805	0.7600	
96	5.8L 5802 CC 354 CID OHV 16V V8 CHRYSLER (1957)			3.940"/100.0mm x 3.630"/92.1mm					96
Camshaft Bearing Set									
	B-1	SH-313S	STD						
1		SH-313		1.9980/1.9990	0.0005/0.0045	0.0650	2.1295/2.1305	0.9440	
2-3-4		SH-314		1.9980/1.9990	0.0005/0.0045	0.0650	2.1295/2.1305	0.8190	
5		SH-315		1.4355/1.4365	0.0005/0.0045	0.0650	1.5670/1.5680	0.8820	
97	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER VIN Code: 'Y' (1971-1974)			4.000"/101.6mm x 3.580"/90.9mm					97
Connecting Rod Bearing Pair (8)									
	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480	
Connecting Rod Bearing Pair (8)									
	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Pair (8)									
	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480	
Connecting Rod Bearing Set									
	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480	
Connecting Rod Bearing Set									
	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set									
	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480	



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
97 (cont.)	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER VIN Code: 'Y' (1971-1974)			4.000"/101.6mm x 3.580"/90.9mm					97 (cont.)
Main Bearing Set	AL-5	MS-1051A	STD,10,20						
1-2-4		MB-2590A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	0.8770	
3		MB-2591A(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520	
5		MB-2592A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590	
For Years: 1971 - 1973									
Main Bearing Set	TM-77	MS-876P	STD,10,20						
1-2-4-5		MB-2065P		2.6245/2.6255	0.0011/0.0036	0.0956	2.8175/2.8180	0.9490	
3		MB-2456P(F)		2.6245/2.6255	0.0011/0.0036	0.0956	2.8175/2.8180	1.2240	
For Years: 1972 - 1973									
NOTE: Contains Full Narrow Grooved Bearings									
Main Bearing Set	TM-77	MS-1051P	STD,20						
1-2-4		MB-2590P		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	0.8770	
3		MB-2591P(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520	
5		MB-2592P		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590	
For Years: 1971 - 1973									
Camshaft Bearing Set	B-1	SH-875S	STD						
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000	
2		SH-326		1.9820/1.9830	0.0005/0.0045	0.0650	2.1135/2.1145	0.7700	
3		SH-327		1.9670/1.9680	0.0005/0.0045	0.0650	2.0985/2.0995	0.7570	
4		SH-328		1.9510/1.9520	0.0005/0.0045	0.0650	2.0825/2.0835	0.7700	
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500	
98	5.9L 360 CID OHV 16V V8 CHRYSLER VIN Codes: 'F' (1978-1979), 'J' (1975-1979), 'K' (1975-1980), 'L' (1975-1980)			4.000"/101.6mm x 3.580"/90.9mm					98
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480	
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480	
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480	
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480	
Main Bearing Set	AL-5	MS-1266A	STD,10,20,30						
1-2-4		MB-2622A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	0.8770	
3		MB-2623A(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520	
5		MB-2624A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590	
Main Bearing Set	TM-77	MS-1266P	STD,10,20						
1-2-4		MB-2622P		2.8095/2.8105	0.0002/0.0023	0.0959	3.0025/3.0030	0.8770	
3		MB-2623P(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520	
5		MB2624P		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590	



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
98 (cont.)	5.9L 360 CID OHV 16V V8 CHRYSLER VIN Codes: 'F' (1978-1979), 'J' (1975-1979), 'K' (1975-1980), 'L' (1975-1980)			4.000"/101.6mm x 3.580"/90.9mm				98 (cont.)
Camshaft Bearing Set	B-1	SH-875S	STD					
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-326		1.9820/1.9830	0.0005/0.0045	0.0650	2.1135/2.1145	0.7700
3		SH-327		1.9670/1.9680	0.0005/0.0045	0.0650	2.0985/2.0995	0.7570
4		SH-328		1.9510/1.9520	0.0005/0.0045	0.0650	2.0825/2.0835	0.7700
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
For Years: 1975 - 1978								
Camshaft Bearing Set	B-1	SH-1112S	STD					
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-1112		1.9820/1.9830	0.0015/0.0055	0.0645	2.1135/2.1145	0.6300
3		SH-1113		1.9670/1.9680	0.0015/0.0055	0.0645	2.0985/2.0995	0.6300
4		SH-1114		1.9510/1.9520	0.0015/0.0055	0.0645	2.0825/2.0835	0.6300
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
For Years: 1979 - 1980								
99	5.9L 360 CID OHV 16V V8 CHRYSLER VIN Codes: '1' (1983-1984), '5' (1987-1988), 'K' (1980), 'S' (1979), 'T' (1979-1982), 'U' (1982), 'W' (1983-1984)			4.000"/101.6mm x 3.580"/90.9mm				99
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Main Bearing Set	AL-5	MS-1266A	STD,10,20,30					
1-2-4		MB-2622A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	0.8770
3		MB-2623A(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520
5		MB-2624A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590
Main Bearing Set	TM-77	MS-1266P	STD,10,20					
1-2-4		MB-2622P		2.8095/2.8105	0.0002/0.0023	0.0959	3.0025/3.0030	0.8770
3		MB-2623P(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520
5		MB2624P		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590
Camshaft Bearing Set	B-1	SH-1112S	STD					
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-1112		1.9820/1.9830	0.0015/0.0055	0.0645	2.1135/2.1145	0.6300
3		SH-1113		1.9670/1.9680	0.0015/0.0055	0.0645	2.0985/2.0995	0.6300
4		SH-1114		1.9510/1.9520	0.0015/0.0055	0.0645	2.0825/2.0835	0.6300
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
100	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER VIN Codes: 'J' (1974), 'L' (1974), 'T' (1974)			4.000"/101.6mm x 3.580"/90.9mm					100
	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER VIN Codes: 'J' (1974), 'L' (1974), 'T' (1974)			4.000"/101.6mm x 3.580"/90.9mm					
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480	
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480	
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480	
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480	
Main Bearing Set 1-2-4	AL-5	MS-1266A	STD,10,20,30	2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	0.8770	
3		MB-2622A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520	
5		MB-2623A(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590	
		MB-2624A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590	
Main Bearing Set 1-2-4	TM-77	MS-1266P	STD,10,20	2.8095/2.8105	0.0002/0.0023	0.0959	3.0025/3.0030	0.8770	
3		MB-2622P		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520	
5		MB-2623P(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590	
		MB2624P		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590	
Camshaft Bearing Set 1	B-1	SH-875S	STD	1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000	
2		SH-875		1.9820/1.9830	0.0005/0.0045	0.0650	2.1135/2.1145	0.7700	
3		SH-327		1.9670/1.9680	0.0005/0.0045	0.0650	2.0985/2.0995	0.7570	
4		SH-328		1.9510/1.9520	0.0005/0.0045	0.0650	2.0825/2.0835	0.7700	
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500	
101	5.9L 360 CID OHV 16V V8 CHRYSLER VIN Code: 'S' (1980)			4.000"/101.6mm x 3.580"/90.9mm					101
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480	
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480	
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480	
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480	
Main Bearing Set 1-2-4-5	TM-77	MS-876P	STD,10,20	2.6245/2.6255	0.0011/0.0036	0.0956	2.8175/2.8180	0.9490	
3		MB-2065P		2.6245/2.6255	0.0011/0.0036	0.0956	2.8175/2.8180	1.2240	
		MB-2456P(F)							
NOTE: Contains Full Narrow Grooved Bearings									



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
101 (cont.)	5.9L 360 CID OHV 16V V8 CHRYSLER VIN Code: 'S' (1980)			4.000"/101.6mm x 3.580"/90.9mm				101 (cont.)
Camshaft Bearing Set	B-1	SH-1112S	STD					
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-1112		1.9820/1.9830	0.0015/0.0055	0.0645	2.1135/2.1145	0.6300
3		SH-1113		1.9670/1.9680	0.0015/0.0055	0.0645	2.0985/2.0995	0.6300
4		SH-1114		1.9510/1.9520	0.0015/0.0055	0.0645	2.0825/2.0835	0.6300
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
102	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER VIN Code: 'K' (1971-1974)			4.000"/101.6mm x 3.580"/90.9mm				102
	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER VIN Codes: 'F' (1971-1974), 'K' (1971-1974)			4.000"/101.6mm x 3.580"/90.9mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Main Bearing Set	AL-5	MS-1051A	STD,10,20					
1-2-4		MB-2590A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	0.8770
3		MB-2591A(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520
5		MB-2592A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590
For Years: 1971 - 1973								
Main Bearing Set	AL-5	MS-1266A	STD,10,20,30					
1-2-4		MB-2622A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	0.8770
3		MB-2623A(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520
5		MB-2624A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590
For Year: 1974								
Main Bearing Set	TM-77	MS-876P	STD,10,20					
1-2-4-5		MB-2065P		2.6245/2.6255	0.0011/0.0036	0.0956	2.8175/2.8180	0.9490
3		MB-2456P(F)		2.6245/2.6255	0.0011/0.0036	0.0956	2.8175/2.8180	1.2240
For Years: 1971 - 1973								
NOTE: Contains Full Narrow Grooved Bearings								
Main Bearing Set	TM-77	MS-1051P	STD,20					
1-2-4		MB-2590P		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	0.8770
3		MB-2591P(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520
5		MB-2592P		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590
For Years: 1971 - 1973								



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
102 (cont.)	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER VIN Code: 'K' (1971-1974)			4.000"/101.6mm x 3.580"/90.9mm					102 (cont.)
	5.9L 5899 CC 360 CID OHV 16V V8 CHRYSLER VIN Codes: 'F' (1971-1974), 'K' (1971-1974)			4.000"/101.6mm x 3.580"/90.9mm					
Main Bearing Set	TM-77	MS-1266P	STD,10,20						
1-2-4		MB-2622P		2.8095/2.8105	0.0002/0.0023	0.0959	3.0025/3.0030	0.8770	
3		MB-2623P(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520	
5		MB2624P		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590	
For Year: 1974									
Camshaft Bearing Set	B-1	SH-875S	STD						
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000	
2		SH-326		1.9820/1.9830	0.0005/0.0045	0.0650	2.1135/2.1145	0.7700	
3		SH-327		1.9670/1.9680	0.0005/0.0045	0.0650	2.0985/2.0995	0.7570	
4		SH-328		1.9510/1.9520	0.0005/0.0045	0.0650	2.0825/2.0835	0.7700	
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500	
103	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER VIN Code: 'F' (1971-1974)			4.000"/101.6mm x 3.580"/90.9mm					103
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480	
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480	
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480	
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480	
Main Bearing Set	AL-5	MS-1051A	STD,10,20						
1-2-4		MB-2590A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	0.8770	
3		MB-2591A(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520	
5		MB-2592A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590	
For Years: 1971 - 1973									
Main Bearing Set	AL-5	MS-1266A	STD,10,20,30						
1-2-4		MB-2622A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	0.8770	
3		MB-2623A(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520	
5		MB-2624A		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590	
For Year: 1974									
Main Bearing Set	TM-77	MS-1051P	STD,20						
1-2-4		MB-2590P		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	0.8770	
3		MB-2591P(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520	
5		MB-2592P		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590	
For Years: 1971 - 1973									



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
103 (cont.)	5.9L 5900 CC 360 CID OHV 16V V8 CHRYSLER VIN Code: 'F' (1971-1974)			4.000"/101.6mm x 3.580"/90.9mm				103 (cont.)
Main Bearing Set	TM-77	MS-1266P	STD,10,20					
1-2-4		MB-2622P		2.8095/2.8105	0.0002/0.0023	0.0959	3.0025/3.0030	0.8770
3		MB-2623P(F)		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.1520
5		MB2624P		2.8095/2.8105	0.0005/0.0032	0.0959	3.0025/3.0030	1.2590
For Year: 1974								
Camshaft Bearing Set	B-1	SH-875S	STD					
1		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
2		SH-326		1.9820/1.9830	0.0005/0.0045	0.0650	2.1135/2.1145	0.7700
3		SH-327		1.9670/1.9680	0.0005/0.0045	0.0650	2.0985/2.0995	0.7570
4		SH-328		1.9510/1.9520	0.0005/0.0045	0.0650	2.0825/2.0835	0.7700
5		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500
104	5.9L 5917 CC 361 CID OHV 16V V8 CHRYSLER MD3M, S36, V36 (1959-1964)			4.130"/104.8mm x 3.380"/85.7mm				104
	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER R38, S38 (1961-1962)			4.250"/107.9mm x 3.380"/85.8mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-527P	STD,1,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Connecting Rod Bearing Set	TM-77	CB-527P(8)	STD,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Main Bearing Set	TM-77	MS-876P	STD,10,20					
1-2-4-5		MB-2065P		2.6245/2.6255	0.0011/0.0036	0.0956	2.8175/2.8180	0.9490
3		MB-2456P(F)		2.6245/2.6255	0.0011/0.0036	0.0956	2.8175/2.8180	1.2240
NOTE: Contains Full Narrow Grooved Bearings								
105	6.1L 6059 CC 370 CID OHV 16V V8 CHRYSLER; HEMI (2007-2009)			4.060"/103.0mm x 3.580"/90.9mm				105
Thrust Washer Set	TM-77	TW-611S	STD					
		MB-3780W		2.8600/2.8800			3.6760	0.0980
NOTE: Position 2 Number Use Part Number MS-2220								
Camshaft Bearing Set	B-1	SH-1990S	STD					
1		SH-1990		2.2906/2.2913	0.0013/0.0042	0.0650	2.4226/2.4236	0.6700
2		SH-1991		2.2748/2.2756	0.0012/0.0042	0.0650	2.4068/2.4078	0.5920
3		SH-1992		2.2591/2.2598	0.0013/0.0042	0.0650	2.3911/2.3921	0.5920
4		SH-1993		2.2433/2.2441	0.0012/0.0042	0.0650	2.3753/2.3763	0.5920
5		SH-1994		1.7170/1.7178	0.0016/0.0054	0.0650	1.8494/1.8504	0.5920
106	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER D500 (1959)			4.250"/107.9mm x 3.380"/85.8mm				106
	7.0L 6981 CC 426 CID OHV 16V V8 CHRYSLER A426, T42 (1963-1965)			4.250"/107.9mm x 3.750"/95.2mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-527P	STD,1,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Connecting Rod Bearing Set	TM-77	CB-527P(8)	STD,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Main Bearing Set	TM-77	MS-2324P	STD,10,20					
1-2-4-5		MB-2219P		2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	0.9490
3		MB-2495P(F)		2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	1.2240
NOTE: Contains Full Wide Grooved Bearings								



DODGE

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
106 (cont.)	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER D500 (1959)			4.250"/107.9mm x 3.380"/85.8mm				106 (cont.)
	7.0L 6981 CC 426 CID OHV 16V V8 CHRYSLER A426, T42 (1963-1965)			4.250"/107.9mm x 3.750"/95.2mm				
Camshaft Bearing Set	B-1	SH-876S	STD					
1		SH-876		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.7600
2		SH-403		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
3		SH-404		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.6800
4		SH-405		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
5		SH-406		1.7480/1.7490	0.0005/0.0045	0.0645	1.8795/1.8805	0.7600
107	6.3L 6286 CC 383 CID OHV 16V V8 CHRYSLER P38 (1960)			4.250"/107.9mm x 3.380"/85.8mm				107
	6.7L 6769 CC 413 CID OHV 16V V8 CHRYSLER A413 (1965)			4.190"/106.4mm x 3.750"/95.3mm				
	7.0L 6981 CC 426 CID OHV 16V V8 CHRYSLER V42, V426 VIN Codes: 'H' (1966), 'J' (1967-1970), 'R' (1967-1971)			4.250"/107.9mm x 3.750"/95.2mm				
	7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER B440 (1966)			4.320"/109.7mm x 3.750"/95.2mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-527P	STD,1,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Connecting Rod Bearing Set	TM-77	CB-527P(8)	STD,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Main Bearing Set	TM-77	MS-2324P	STD,10,20					
1-2-4-5		MB-2219P		2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	0.9490
3		MB-2495P(F)		2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	1.2240
NOTE: Contains Full Wide Grooved Bearings								
108	6.4L 6424 CC 392 CID OHV 16V V8 CHRYSLER ESA, ESB, ESG, ESH; HEMI VIN Code: 'J' (2014-2016)			4.090"/103.9mm x 3.720"/94.5mm				108
Main Bearing Set	AL-5	MS-2296A	STD,.25mm					
1-2-3-4-5		MB-3940A		2.5589/2.5592	0.0001/0.0015	0.0962	2.7517/2.7522	0.8510
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S								
109	6.4L 6424 CC 392 CID OHV 16V V8 CHRYSLER ESG, ESH; HEMI VIN Code: 'J' (2011-2014)			4.090"/103.9mm x 3.720"/94.5mm				109
Connecting Rod Bearing Pair (8)	AL-5	CB-1808A	STD,.25mm,.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
For Years: 2011 - 2012								
Connecting Rod Bearing Pair (8)	AL-5	CB-1809A-.25mm	.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
For Years: 2011 - 2012								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-1808P	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0029	0.0626	2.2522/2.2527	0.7910
For Years: 2011 - 2012								
Connecting Rod Bearing Set	AL-5	CB-1808A(8)	STD,.25mm,.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
For Years: 2011 - 2012								



DODGE

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
109 (cont.)	6.4L 6424 CC 392 CID OHV 16V V8 CHRYSLER ESG, ESH; HEMI VIN Code: 'J' (2011-2014)			4.090"/103.9mm x 3.720"/94.5mm				109 (cont.)
Connecting Rod Bearing Set	AL-5	CB-1809A-.25mm(8)	.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
For Years: 2011 - 2012 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-1808P(8)	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
For Years: 2011 - 2012								
Main Bearing Set 1-2-3-4-5	AL-5	MS-2296A MB-3940A	STD,.25mm	2.5589/2.5592	0.0001/0.0015	0.0962	2.7517/2.7522	0.8510
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S								
Thrust Washer Set	TM-77	TW-611S MB-3780W	STD	2.8600/2.8800			3.6760	0.0980
For Years: 2011 - 2012 NOTE: Position 2 Number Use Part Number MS-2220								
Camshaft Bearing Set	B-1	SH-2191S	STD					
For Years: 2011 - 2013 NOTE: For VVT Camshaft								
110	6.7L 6769 CC 413 CID OHV 16V V8 CHRYSLER R41, S41 (1961-1962) 7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER; Hi-Perf. VIN Code: 'U' (1970-1974) 7.2L 440 CID OHV 16V V8 CHRYSLER VIN Codes: 'D' (1975-1979), 'T' (1975-1977), 'U' (1975-1978) 7.2L 7212 CC 440 CID OHV 16V V8 CHRYSLER VIN Codes: 'D' (1973-1974), 'T' (1970-1974), 'U' (1970-1974) 7.2L 7211 CC 440 CID OHV 16V V8 CHRYSLER VIN Codes: 'A' (1972-1974), 'D' (1972-1974), 'K' (1966-1969), 'L' (1966-1969), 'M' (1969), 'T' (1970-1974), 'V' (1970-1972)			4.190"/106.4mm x 3.750"/95.3mm				110
				4.320"/109.7mm x 3.750"/95.2mm				
				4.320"/109.7mm x 3.750"/95.2mm				
				4.320"/109.7mm x 3.750"/95.2mm				
				4.320"/109.7mm x 3.750"/95.2mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-527P	STD,1,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Connecting Rod Bearing Set	TM-77	CB-527P(8)	STD,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Main Bearing Set 1-2-4-5	TM-77	MS-1277P MB-2067P	STD,10,20	2.7495/2.7505	0.0008/0.0033	0.0956	2.9425/2.9430	0.9490
3		MB-2625P(F)		2.7495/2.7505	0.0011/0.0036	0.0959	2.9425/2.9430	1.2240
NOTE: Except Engine With 3.555in / 3.675in Main Bearing Flange O.D.								
Main Bearing Set 1-2-4-5	TM-77	MS-2324P MB-2219P	STD,10,20	2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	0.9490
3		MB-2495P(F)		2.7495/2.7505	0.0011/0.0036	0.0956	2.9425/2.9430	1.2240
NOTE: Contains Full Wide Grooved Bearings								
Camshaft Bearing Set 1	B-1	SH-876S SH-876	STD	1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.7600
2		SH-403		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
3		SH-404		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.6800
4		SH-405		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
5		SH-406		1.7480/1.7490	0.0005/0.0045	0.0645	1.8795/1.8805	0.7600



DODGE

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
111	6.7L 6769 CC 413 CID OHV 16V V8 CHRYSLER T41 (1963)			4.190"/106.4mm x 3.750"/95.3mm				111
Connecting Rod Bearing Pair (8)	TM-77	CB-527P	STD,1,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Connecting Rod Bearing Set	TM-77	CB-527P(8)	STD,10,20,30,40	2.3740/2.3750	0.0009/0.0034	0.0623	2.5000/2.5005	0.9120
Main Bearing Set 1-2-4-5	TM-77	MS-1277P	STD,10,20	2.7495/2.7505	0.0008/0.0033	0.0956	2.9425/2.9430	0.9490
3		MB-2067P MB-2625P(F)		2.7495/2.7505	0.0011/0.0036	0.0959	2.9425/2.9430	1.2240
NOTE: Except Engine With 3.555in / 3.675in Main Bearing Flange O.D.								
Camshaft Bearing Set	B-1	SH-876S	STD					
1		SH-876		1.9980/1.9990	0.0025/0.0065	0.0640	2.1295/2.1305	0.7600
2		SH-403		1.9820/1.9830	0.0005/0.0045	0.0645	2.1135/2.1145	0.7600
3		SH-404		1.9670/1.9680	0.0005/0.0045	0.0645	2.0985/2.0995	0.6800
4		SH-405		1.9510/1.9520	0.0005/0.0045	0.0645	2.0825/2.0835	0.7600
5		SH-406		1.7480/1.7490	0.0005/0.0045	0.0645	1.8795/1.8805	0.7600
				10 CYL				
112	8.0L 7990 CC 488 CID OHV 20V V10 CHRYSLER EWB; Magnum VIN Code: 'E' (1999-2002)			4.000"/101.6mm x 3.880"/98.6mm				112
Connecting Rod Bearing Pair (10)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Pair (10)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (10)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
113	8.3L 8275 CC 505 CID OHV 20V V10 CHRYSLER VIN Codes: 'H' (2004-2006), 'Z' (2003-2006)			4.030"/102.4mm x 3.960"/100.6mm				113
	8.4L 8448 CC 515 CID OHV 20V V10 CHRYSLER VIN Code: 'Z' (2008-2010)			4.070"/103.4mm x 3.960"/100.6mm				
Connecting Rod Bearing Pair (10)	AL-5	CB-1808A	STD,.25mm,.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Connecting Rod Bearing Pair (10)	AL-5	CB-1809A-.25mm	.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
For Years: 2003 - 2009								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (10)	TM-77	CB-1808P	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0029	0.0626	2.2522/2.2527	0.7910
Connecting Rod Bearing Set	AL-5	CB-1809A-.25mm(8)	.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
For Years: 2003 - 2009								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
114	8.4L 8448 CC 515 CID OHV 20V V10 CHRYSLER VIN Code: 'Z' (2015)			4.070"/103.4mm x 3.960"/100.6mm				114
Connecting Rod Bearing Pair (10)	AL-5	CB-1808A	STD,.25mm,.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Connecting Rod Bearing Pair (10)	TM-77	CB-1808P	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0029	0.0626	2.2522/2.2527	0.7910



FARGO

ENGINE	YEAR	BORE & STROKE	BLOCK
5.1L 5130 CC 313 CID OHV 16V V8 CHRYSLER	1958-1964	3.880"/98.4mm x 3.310"/84.1mm	1
5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER A318, V31	1964-1972	3.910"/99.2mm x 3.310"/84.1mm	2

MODEL	ENGINE	YEAR	BLOCK
A100 Van	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1964-1970	2
A108 Van	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1967-1970	2
B100 Van	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1971-1972	2
B200 Van	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1971-1972	2
B300 Van	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1971-1972	2
D100 Panel Delivery	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1966-1967	2
D100 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1966-1972	2
D110 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1966-1972	2
D200 Panel Delivery	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1966-1967	2
D200 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1966-1972	2
D210 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1966-1972	2
F100 Panel Delivery	5.1L 5130 CC 313 CID OHV 16V V8 CHRYSLER	1959-1964	1
F100 Panel Delivery	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1965	2
F100 Pickup	5.1L 5130 CC 313 CID OHV 16V V8 CHRYSLER	1959-1964	1
F100 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1965	2
FL8 Panel Delivery	5.1L 5130 CC 313 CID OHV 16V V8 CHRYSLER	1958	1
FL8 Pickup	5.1L 5130 CC 313 CID OHV 16V V8 CHRYSLER	1958	1
FW100 Panel Delivery	5.1L 5130 CC 313 CID OHV 16V V8 CHRYSLER	1959-1964	1
FW100 Panel Delivery	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1965	2
FW100 Pickup	5.1L 5130 CC 313 CID OHV 16V V8 CHRYSLER	1959-1964	1
FW100 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1965	2
W100 Panel Delivery	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1966-1967	2
W100 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1966-1972	2
W110 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1969-1972	2
W200 Pickup	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER	1966-1972	2

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
1	5.1L 5130 CC 313 CID OHV 16V V8 CHRYSLER (1958-1964)			3.880"/98.4mm x 3.310"/84.1mm			1	
Main Bearing Set	TM-77	MS-540P	STD,10,20,30,40					
1-2-4		MB-2035P		2.4995/2.5005	0.0002/0.0023	0.0959	2.6925/2.6930	0.8770
3		MB-2036P(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.1520
5		MB-2559P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270



FARGO

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
2	5.2L 5212 CC 318 CID OHV 16V V8 CHRYSLER A318, V31			3.910"/99.2mm x 3.310"/84.1mm			2	
	VIN Code: 'E' (1966-1972)							
Connecting Rod Bearing Pair (8)	AL-5	CB-481A	STD,10,20,30,40	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Pair (8)	AL-5	CB-1779A-10	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-481P	STD,1,2,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-481A(8)	STD,10,20,30	2.1240/2.1250	0.0007/0.0032	0.0624	2.2500/2.2505	0.8480
Connecting Rod Bearing Set	AL-5	CB-1779A-10(8)	20,30	2.1240/2.1250	0.0007/0.0032	0.0634	2.2520/2.2525	0.8480
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-481P(8)	STD,10,20,30,40	2.1240/2.1250	0.0002/0.0027	0.0619	2.2500/2.2505	0.8480
Main Bearing Set 1-2-4	TM-77	MS-540P	STD,10,20,30,40	2.4995/2.5005	0.0002/0.0023	0.0959	2.6925/2.6930	0.8770
3		MB-2035P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.1520
5		MB-2036P(F)		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.1520
		MB-2559P		2.4995/2.5005	0.0005/0.0026	0.0959	2.6925/2.6930	1.3270
Camshaft Bearing Set 1	B-1	SH-875S	STD					
2		SH-875		1.9980/1.9990	0.0015/0.0055	0.0645	2.1295/2.1305	0.9000
3		SH-326		1.9820/1.9830	0.0005/0.0045	0.0650	2.1135/2.1145	0.7700
4		SH-327		1.9670/1.9680	0.0005/0.0045	0.0650	2.0985/2.0995	0.7570
5		SH-328		1.9510/1.9520	0.0005/0.0045	0.0650	2.0825/2.0835	0.7700
		SH-329		1.5605/1.5615	0.0005/0.0045	0.0650	1.6920/1.6930	0.9500

FIAT

ENGINE	YEAR	BORE & STROKE	BLOCK
1.1L 1116 CC 68 CID SOHC 8V L4	1971-1973	3.150"/80.0mm x 2.190"/55.5mm	1
1.1L 1116 CC 67 CID SOHC 8V L4 128A	1971-1973	3.150"/80.0mm x 2.190"/55.5mm	1
1.2L 1221 CC 75 CID OHV 8V L4 103D, 103G	1963	2.830"/72.0mm x 2.950"/75.0mm	1
1.3L 1290 CC 79 CID SOHC 8V L4 128A1, 128AS	1973-1974	3.390"/86.0mm x 2.190"/55.5mm	1
1.3L 1290 CC SOHC 8V L4	1975-1979	3.390"/86.0mm x 2.190"/55.5mm	1
1.4L 1438 CC 73 CID OHV 8V L4 124 B.000	1966-1969	2.870"/80.0mm x 2.820"/71.5mm	1
1.4L 1438 CC 88 CID DOHC 8V L4 124AC	1968-1971	3.150"/80.0mm x 2.820"/71.5mm	1
1.4L 1438 CC 88 CID OHV 8V L4 124 B2.000	1970-1973	3.150"/80.0mm x 2.820"/71.5mm	1
1.5L 1498 CC SOHC 8V L4	1979-1983	3.400"/86.4mm x 2.520"/63.9mm	1



FIAT

MODEL	ENGINE	YEAR	BLOCK
1100D	1.2L 1221 CC 75 CID OHV 8V L4	1963	1
124	1.4L 1438 CC 73 CID OHV 8V L4	1966-1969	1
124	1.4L 1438 CC 88 CID DOHC 8V L4	1968-1971	1
124	1.4L 1438 CC 88 CID OHV 8V L4	1970-1973	1
128	1.3L 1290 CC SOHC 8V L4	1975-1979	1
128	1.1L 1116 CC 67 CID SOHC 8V L4	1971-1973	1
128	1.1L 1116 CC 68 CID SOHC 8V L4	1971-1973	1
128	1.3L 1290 CC 79 CID SOHC 8V L4	1973-1974	1
Strada	1.5L 1498 CC SOHC 8V L4	1979-1982	1
X-1/9	1.3L 1290 CC SOHC 8V L4	1975-1978	1
X-1/9	1.5L 1498 CC SOHC 8V L4	1979-1983	1
X-1/9	1.3L 1290 CC 79 CID SOHC 8V L4	1974	1

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1.1L 1116 CC 67 CID SOHC 8V L4 FIAT 128A				3.150"/80.0mm	x 2.190"/55.5mm		1
	(1971-1973)				3.150"/80.0mm	x 2.190"/55.5mm		
	1.1L 1116 CC 68 CID SOHC 8V L4 FIAT				3.150"/80.0mm	x 2.190"/55.5mm		
	(1971-1973)				2.830"/72.0mm	x 2.950"/75.0mm		
	1.2L 1221 CC 75 CID OHV 8V L4 FIAT 103D, 103G				2.830"/72.0mm	x 2.950"/75.0mm		
	(1963)				3.390"/86.0mm	x 2.190"/55.5mm		
	1.3L 1290 CC SOHC 8V L4 FIAT				3.390"/86.0mm	x 2.190"/55.5mm		
	(1975-1979)				3.390"/86.0mm	x 2.190"/55.5mm		
	1.3L 1290 CC 79 CID SOHC 8V L4 FIAT 128A1, 128AS				3.390"/86.0mm	x 2.190"/55.5mm		
	(1973-1974)				2.870"/80.0mm	x 2.820"/71.5mm		
	1.4L 1438 CC 73 CID OHV 8V L4 FIAT 124 B.000				2.870"/80.0mm	x 2.820"/71.5mm		
	(1966-1969)				3.150"/80.0mm	x 2.820"/71.5mm		
	1.4L 1438 CC 88 CID DOHC 8V L4 FIAT 124AC				3.150"/80.0mm	x 2.820"/71.5mm		
	(1968-1971)				3.150"/80.0mm	x 2.820"/71.5mm		
	1.4L 1438 CC 88 CID OHV 8V L4 FIAT 124 B2.000				3.150"/80.0mm	x 2.820"/71.5mm		
	(1970-1973)				3.400"/86.4mm	x 2.520"/63.9mm		
	1.5L 1498 CC SOHC 8V L4 FIAT				3.400"/86.4mm	x 2.520"/63.9mm		
	VIN Code: 'A' (1981-1983)							
Connecting Rod Bearing Pair (4)	AL-5	CB-1332A	STD,10	1.7916/1.7924	0.0012/0.0033	0.0607	1.9145/1.9152	0.7560

FORD

ENGINE	YEAR	BORE & STROKE	BLOCK
1.0L 997 CC 61 CID OHV 8V L4 FORD EUROPE 105E	1959-1967	3.190"/81.0mm x 1.910"/48.4mm	1
1.2L 1198 CC 73 CID OHV 8V L4 FORD EUROPE 113E, 114E, 308E	1963-1964	3.190"/81.0mm x 2.280"/58.0mm	1



FORD

ENGINE	YEAR	BORE & STROKE	BLOCK
1.2L 1198 CC 73 CID OHV 8V L4 FORD EUROPE 123E	1962-1967	3.190"/81.0mm x 2.280"/58.0mm	2
1.3L 1295 CC SOHC 8V L4 MAZDA	1988-1997	2.800"/71.0mm x 3.290"/83.6mm	3
1.3L 1299 CC 79 CID SOHC 8V L4	1998-2000	2.910"/74.0mm x 2.970"/75.5mm	4
1.3L 1340 CC 82 CID OHV 8V L4 FORD EUROPE 123E, 124E	1962-1964	3.190"/81.0mm x 2.560"/65.1mm	1
1.5L 1498 CC 92 CID OHV 8V L4 FORD EUROPE 118E	1963-1967	3.190"/81.0mm x 2.860"/72.7mm	2
1.5L 1498 CC 92 CID OHV 8V L4 FORD EUROPE 3017E	1963-1967	3.190"/81.0mm x 2.860"/72.7mm	1
1.5L 1498 CC 92 CID OHV 8V L4 FORD EUROPE 3034E	1962-1967	3.190"/81.0mm x 2.860"/72.7mm	5
1.6L 1598 CC 98 CID OHV 8V L4	1978-1980	3.030"/76.9mm x 3.390"/86.0mm	9
1.6L 1596 CC 97 CID OHV 8V L4	2001	3.110"/79.0mm x 3.200"/81.4mm	7
1.6L 1596 CC 97 CID SOHC 8V L4	2001-2008	3.110"/79.0mm x 3.200"/81.4mm	6
1.6L 1596 CC 97 CID SOHC 8V L4 99N	2008	3.110"/79.0mm x 3.200"/81.4mm	8
1.6L 1598 CC 98 CID SOHC 8V L4	1981-1985	3.150"/80.0mm x 3.130"/79.5mm	10
1.6L 1598 CC 98 CID SOHC 8V L4	1983-1990	3.150"/80.0mm x 3.130"/79.5mm	11
1.6L 1599 CC 98 CID OHV 8V L4; British	1967-1970	3.190"/81.0mm x 3.070"/78.0mm	2
1.6L 1599 CC 98 CID OHV 8V L4 2737E	1970-1973	3.190"/81.0mm x 3.060"/77.6mm	2
1.6L 1599 CC 98 CID OHV 8V L4 FORD EUROPE 3036E	1967-1970	3.190"/81.0mm x 3.060"/77.6mm	2
1.6L 1596 CC 97 CID SOHC 8V L4	2003-2004	3.230"/82.1mm x 2.970"/75.5mm	4
1.6L 1598 CC 98 CID DOHC 16V L4 MAZDA	1991-1994	3.070"/78.0mm x 3.290"/83.6mm	12
1.8L 1796 CC 110 CID SOHC 8V L4 MAZDA VB	1972-1974	3.070"/78.0mm x 3.700"/94.0mm	13
1.8L 110 CID SOHC 8V L4 MAZDA	1975-1978	3.070"/78.0mm x 3.700"/94.0mm	13
1.8L 112 CID DOHC 16V L4 MAZDA	1991-1996	3.270"/83.0mm x 3.350"/85.0mm	12
1.9L 116 CID SOHC 8V L4	1985-1986	3.230"/82.0mm x 3.460"/88.0mm	15
1.9L 116 CID SOHC 8V L4	1986-1990	3.230"/82.0mm x 3.460"/88.0mm	16
1.9L 116 CID SOHC 8V L4	1987-1996	3.230"/82.0mm x 3.460"/88.0mm	14
2.0L 1962 CC 120 CID L-HEAD 8V L4 1N, 2N	1942	3.190"/81.0mm x 3.750"/95.3mm	17
2.0L 1989 CC 121 CID SOHC 8V L4	1997-2004	3.340"/84.8mm x 3.460"/88.0mm	14
2.0L 1989 CC 122 CID SOHC 8V L4 MAZDA	1984-1987	3.390"/86.0mm x 3.390"/86.0mm	21
2.0L 1989 CC 122 CID SOHC 8V L4 MAZDA	1979-1982	3.450"/87.5mm x 3.270"/83.0mm	13
2.0L 1989 CC 122 CID SOHC 8V L4	1983-1988	3.520"/89.4mm x 3.130"/79.4mm	22
2.0L 1993 CC 122 CID SOHC 8V L4	1971-1974	3.570"/90.8mm x 3.030"/76.9mm	23
2.0L 2000 CC 122 CID DOHC 16V L4 EcoBoost	2013		24
2.0L 1989 CC 122 CID DOHC 16V L4 MAZDA	1993-1997	3.270"/83.0mm x 3.620"/92.0mm	25
2.0L 1989 CC 121 CID DOHC 16V L4; Zetec	1995-2004	3.340"/84.8mm x 3.460"/88.0mm	18
2.0L 121 CID DOHC 16V L4; Duratec	2005-2013	3.440"/87.4mm x 3.270"/83.0mm	19
2.0L 121 CID DOHC 16V L4; Duratec	2012	3.440"/87.4mm x 3.270"/83.0mm	20
2.0L 1999 CC 122 CID DOHC 16V L4; EcoBoost	2012-2017	3.440"/87.5mm x 3.270"/83.1mm	24
2.0L 1999 CC 122 CID DOHC 16V L4; PZEV	2013-2016	3.440"/87.5mm x 3.270"/83.1mm	20
2.0L 1999 CC 122 CID DOHC 16V L4; Atkinson	2013-2017	3.440"/87.5mm x 3.270"/83.1mm	20
2.0L 1999 CC 122 CID DOHC 16V L4; EcoBoost	2015-2017	3.440"/87.5mm x 3.270"/83.1mm	20
2.0L 1999 CC 122 CID DOHC 16V L4 999	2013	3.440"/87.5mm x 3.270"/83.1mm	24
2.0L 1997 CC 122 CID DOHC 16V L4 C346ST	2013	3.440"/87.5mm x 3.270"/83.1mm	20
2.2L 133 CID SOHC 12V L4 MAZDA	1989-1992	3.390"/86.1mm x 3.700"/94.0mm	26
2.3L 140 CID SOHC 8V L4	1977-1982	3.440"/87.4mm x 3.700"/94.0mm	28
2.3L 140 CID OHV 8V L4 MITSUBISHI	1985-1987	3.440"/87.4mm x 3.700"/94.0mm	29
2.3L 134 CID OHV 8V L4 MITSUBISHI	1985-1986	3.590"/91.2mm x 3.540"/88.9mm	27
2.3L 140 CID OHV 8V L4; HSC	1984	3.700"/94.0mm x 3.300"/83.8mm	31
2.3L 140 CID OHV 8V L4; HSC	1985-1987	3.700"/94.0mm x 3.300"/83.8mm	30
2.3L 140 CID OHV 8V L4; HSC-High Output	1988-1991	3.700"/94.0mm x 3.300"/83.8mm	32
2.3L 140 CID OHV 8V L4; HSC	1988-1994	3.700"/94.0mm x 3.300"/83.8mm	32
2.3L 2302 CC 140 CID SOHC 8V L4	1974	3.780"/96.0mm x 3.130"/79.4mm	28

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ENGINE	YEAR	BORE & STROKE	BLOCK
2.3L 2295 CC 140 CID SOHC 8V L4	1974	3.780"/96.0mm x 3.130"/79.4mm	28
2.3L 140 CID SOHC 8V L4	1975-1997	3.780"/96.0mm x 3.130"/79.4mm	28
2.3L 140 CID SOHC 8V L4	1982-1985	3.780"/96.0mm x 3.130"/79.4mm	33
2.3L 140 CID DOHC 16V L4	2001-2011	3.440"/87.4mm x 3.700"/94.0mm	35
2.3L 140 CID DOHC 16V L4; Duratec	2003-2009	3.440"/87.4mm x 3.700"/94.0mm	35
2.3L 140 CID DOHC 16V L4; Duratec	2006-2008	3.440"/87.4mm x 3.700"/94.0mm	34
2.3L 2300 CC 140 CID DOHC 16V L4 99H; EcoBoost	2015-2017	3.450"/87.6mm x 3.700"/94.0mm	20
2.5L 153 CID OHV 8V L4; HSC	1986-1990	3.700"/93.9mm x 3.600"/91.4mm	32
2.5L 153 CID OHV 8V L4; HSC	1991	3.700"/93.9mm x 3.600"/91.4mm	37
2.5L 153 CID SOHC 8V L4	1998-2001	3.780"/96.0mm x 3.400"/86.4mm	38
2.5L 2488 CC 152 CID DOHC 16V L4; Duratec	2009-2013	3.500"/88.9mm x 3.940"/100.1mm	36
2.5L 2488 CC 152 CID DOHC 16V L4; i-VCT	2013-2016	3.500"/88.9mm x 3.940"/100.1mm	36
2.5L 2488 CC 152 CID DOHC 16V L4; Duratec	2014-2017	3.500"/88.9mm x 3.940"/100.1mm	20
2.5L 2488 CC 152 CID DOHC 16V L4; i-VCT	2017	3.500"/88.9mm x 3.940"/100.1mm	20
3.6L 3611 CC 220 CID OHV 8V L4 FORD EUROPE 592E; Dagenham	1963-1964	3.940"/100.0mm x 4.530"/115.0mm	39
2.4L 2360 CC 144 CID OHV 12V L6	1960-1964	3.500"/88.9mm x 2.500"/63.5mm	40
2.5L 2450 CC 155 CID DOHC 24V V6; Duratec	1995-2002	3.240"/82.3mm x 3.130"/79.5mm	42
2.5L 2450 CC 152 CID DOHC 24V V6 MAZDA	1993-1997	3.330"/84.5mm x 2.920"/74.2mm	41
2.6L 2551 CC 156 CID OHV 12V V6	1972-1973	3.540"/90.0mm x 2.630"/66.8mm	43
2.8L 2786 CC 170 CID OHV 12V L6	1960-1972	3.500"/88.8mm x 2.940"/74.6mm	44
2.8L 2803 CC 171 CID OHV 12V V6	1974	3.660"/93.0mm x 2.710"/68.5mm	45
2.8L 2792 CC 171 CID OHV 12V V6	1974	3.660"/93.0mm x 2.710"/68.5mm	45
2.8L 171 CID OHV 12V V6	1975-1979	3.660"/93.0mm x 2.710"/68.5mm	47
2.8L 171 CID OHV 12V V6	1983-1986	3.660"/93.0mm x 2.710"/68.5mm	46
2.9L 177 CID OHV 12V V6	1986-1992	3.660"/93.0mm x 2.830"/72.0mm	48
3.0L 182 CID SOHC 12V V6 NISSAN	1993-1998	3.420"/87.0mm x 3.260"/83.0mm	50
3.0L 182 CID OHV 12V V6; Vulcan	2002	3.500"/88.9mm x 3.150"/80.0mm	51
3.0L 2986 CC 182 CID OHV 12V V6; Vulcan	1986-2007	3.500"/89.0mm x 3.140"/80.0mm	53
3.0L 2986 CC 182 CID OHV 12V V6; Vulcan	1995-2008	3.500"/89.0mm x 3.140"/80.0mm	52
3.0L 183 CID DOHC 24V V6 991; Duratec	2005-2007	3.500"/88.9mm x 3.100"/78.7mm	42
3.0L 183 CID DOHC 24V V6; Duratec	2006	3.500"/88.9mm x 3.130"/79.5mm	55
3.0L 2986 CC 182 CID DOHC 24V V6 YAMAHA; SHO	1989-1995	3.500"/89.0mm x 3.140"/80.0mm	54
3.0L 2968 CC 181 CID DOHC 24V V6; Duratec	1996-2010	3.500"/89.0mm x 3.120"/79.5mm	42
3.0L 2968 CC 181 CID DOHC 24V V6 99G; Duratec	2009-2012	3.500"/89.0mm x 3.120"/79.5mm	49
3.2L 195 CID DOHC 24V V6 YAMAHA; SHO	1993-1995	3.600"/91.4mm x 3.150"/80.0mm	56
3.3L 3275 CC SOHC 12V V6 NISSAN	1999-2002	3.600"/91.5mm x 3.260"/83.0mm	50
3.3L 3277 CC 200 CID OHV 12V L6	1963-1974	3.680"/93.5mm x 3.130"/79.4mm	59
3.3L 3278 CC 200 CID OHV 12V L6	1968-1974	3.680"/93.5mm x 3.130"/79.4mm	57
3.3L 200 CID OHV 12V L6	1975-1979	3.680"/93.5mm x 3.130"/79.4mm	60
3.3L 200 CID OHV 12V L6	1980-1982	3.680"/93.5mm x 3.120"/79.4mm	58
3.3L 200 CID OHV 12V L6	1980-1983	3.680"/93.5mm x 3.130"/79.4mm	58
3.5L 3524 CC 215 CID OHV 12V L6	1951-1953	3.560"/90.5mm x 3.610"/91.7mm	67
3.5L 3500 CC 214 CID DOHC 24V V6 99C	2011		66
3.5L 3496 CC 213 CID DOHC 24V V6 99C	2013	3.600"/91.4mm x 3.400"/86.4mm	61
3.5L 3496 CC 213 CID DOHC 24V V6 99C; Duratec	2007-2008	3.640"/92.5mm x 3.410"/86.7mm	65
3.5L 3496 CC 213 CID DOHC 24V V6; Duratec	2007-2017	3.640"/92.5mm x 3.410"/86.7mm	62
3.5L 3496 CC 213 CID DOHC 24V V6; EcoBoost	2010-2017	3.640"/92.5mm x 3.410"/86.7mm	62
3.5L 3496 CC 213 CID DOHC 24V V6; EcoBoost	2011-2014	3.640"/92.5mm x 3.410"/86.7mm	64
3.5L 3496 CC 213 CID DOHC 24V V6; Duratec	2015-2017	3.640"/92.5mm x 3.410"/86.7mm	61



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ENGINE	YEAR	BORE & STROKE	BLOCK
3.5L 3496 CC 213 CID DOHC 24V V6; Duratec	2015-2017	3.640"/92.5mm x 3.410"/86.7mm	63
3.5L 3490 CC 213 CID DOHC 24V V6 3.5 EcoBoost	2011-2014	3.640"/92.5mm x 3.410"/86.7mm	64
3.5L 3500 CC 214 CID DOHC 24V V6 998	2011	3.640"/92.5mm x 3.410"/86.7mm	65
3.5L 3496 CC 213 CID DOHC 24V V6 99C	2010-2012	3.640"/92.5mm x 3.410"/86.7mm	65
3.6L 3655 CC 223 CID OHV 12V L6	1954-1961	3.630"/92.1mm x 3.610"/91.7mm	68
3.6L 3655 CC 223 CID OHV 12V L6	1960-1964	3.630"/92.1mm x 3.610"/91.7mm	67
3.6L 3655 CC 223 CID OHV 12V L6	1960-1964	3.630"/92.1mm x 3.610"/91.7mm	69
3.7L 3700 CC 226 CID DOHC 24V V6	2011		65
3.7L 3726 CC 227 CID DOHC 24V V6 99K, 99M, 99R	2009-2015	3.760"/95.5mm x 3.410"/86.7mm	62
3.7L 3726 CC 227 CID DOHC 24V V6; Duratec	2009-2017	3.760"/95.5mm x 3.410"/86.7mm	62
3.7L 3726 CC 227 CID DOHC 24V V6 99K, 99M, 99R	2015-2017	3.760"/95.5mm x 3.410"/86.7mm	63
3.7L 3726 CC 227 CID DOHC 24V V6 99K	2012-2014	3.760"/95.5mm x 3.410"/86.7mm	65
3.7L 3731 CC 228 CID DOHC 24V V6 99M	2011	3.760"/95.5mm x 3.410"/86.7mm	65
3.7L 3726 CC 227 CID DOHC 24V V6 99M	2015-2017	3.760"/95.5mm x 3.410"/86.7mm	61
3.8L 232 CID OHV 12V V6	1982-1987	3.810"/96.8mm x 3.390"/86.0mm	70
3.8L 232 CID OHV 12V V6	1982-1987	3.810"/96.8mm x 3.380"/86.0mm	70
3.8L 232 CID OHV 12V V6	1987-1996	3.810"/96.8mm x 3.390"/86.0mm	71
3.8L 232 CID OHV 12V V6	1988-1995	3.810"/96.8mm x 3.380"/86.0mm	74
3.8L 232 CID OHV 12V V6	1989-1990	3.810"/96.8mm x 3.390"/86.0mm	74
3.8L 232 CID OHV 12V V6	1994-2004	3.810"/96.8mm x 3.390"/86.0mm	73
3.8L 232 CID OHV 12V V6 EGA	1995-2003	3.810"/96.8mm x 3.390"/86.0mm	72
3.8L 232 CID OHV 12V V6	1996-1997	3.810"/96.8mm x 3.380"/86.0mm	75
3.9L 238 CID OHV 12V V6	2004-2007	3.810"/96.8mm x 3.480"/88.4mm	75
3.9L 3933 CC 240 CID OHV 12V L6	1965-1972	4.000"/101.6mm x 3.180"/80.7mm	78
3.9L 3933 CC 240 CID OHV 12V L6	1965-1974	4.000"/101.6mm x 3.180"/80.7mm	76
3.9L 3933 CC 240 CID OHV 12V L6	1965-1974	4.000"/101.6mm x 3.180"/80.7mm	77
4.0L 245 CID OHV 12V V6	1990-2000	3.950"/100.3mm x 3.320"/84.3mm	82
4.0L 245 CID OHV 12V V6	1995	3.950"/100.3mm x 3.320"/84.3mm	81
4.0L 245 CID SOHC 12V V6	1997-2011	3.950"/100.3mm x 3.320"/84.3mm	80
4.0L 245 CID SOHC 12V V6	2002-2006	3.950"/100.3mm x 3.320"/84.3mm	79
4.0L 245 CID SOHC 12V V6; Cologne	2005	3.950"/100.4mm x 3.320"/84.0mm	80
4.0L 245 CID SOHC 12V V6	2006-2010	3.950"/100.4mm x 3.320"/84.0mm	80
4.1L 4097 CC 250 CID OHV 12V L6	1969-1974	3.680"/93.5mm x 3.910"/99.2mm	83
4.1L 4098 CC 250 CID OHV 12V L6	1969-1974	3.680"/93.5mm x 3.910"/99.3mm	83
4.1L 250 CID OHV 12V L6	1975-1980	3.680"/93.5mm x 3.910"/99.3mm	83
4.2L 256 CID OHV 12V V6; Triton	1997-2007	3.810"/96.8mm x 3.740"/95.0mm	75
4.2L 256 CID OHV 12V V6 992	1998-2008	3.810"/96.8mm x 3.740"/95.0mm	75
4.3L 4294 CC 262 CID OHV 12V L6	1961-1964	3.720"/94.5mm x 4.030"/102.4mm	84
4.9L 4917 CC 300 CID OHV 12V L6	1965-1982	4.000"/101.6mm x 3.980"/101.0mm	78
4.9L 4917 CC 300 CID OHV 12V L6	1975-1982	4.000"/101.6mm x 3.980"/101.0mm	77
4.9L 300 CID OHV 12V L6	1978-1985	4.000"/101.6mm x 3.980"/101.0mm	86
4.9L 4917 CC 300 CID OHV 12V L6	1982-1985	4.000"/101.6mm x 3.980"/101.0mm	85
4.9L 4917 CC 300 CID OHV 12V L6	1983-1986	4.000"/101.6mm x 3.980"/101.0mm	87
4.9L 4917 CC 300 CID OHV 12V L6	1987-1996	4.000"/101.6mm x 3.980"/101.0mm	89
4.9L 4917 CC 300 CID OHV 12V L6	1995-1996	4.000"/101.6mm x 3.980"/101.0mm	88
3.4L 207 CID DOHC 32V V8 YAMAHA; SHO	1996-1999	3.240"/82.4mm x 3.130"/75.9mm	90
3.6L 3622 CC 221 CID OHV 16V V8	1962-1963	3.500"/88.9mm x 2.880"/73.0mm	91
3.9L 3924 CC 239 CID L-HEAD 16V V8	1942-1953	3.190"/81.0mm x 3.750"/95.3mm	92
3.9L 3924 CC 239 CID L-HEAD 16V V8	1949-1968	3.190"/81.0mm x 3.750"/95.3mm	93
4.2L 4186 CC 255 CID L-HEAD 16V V8	1948-1954	3.190"/81.0mm x 4.000"/101.6mm	94

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ENGINE	YEAR	BORE & STROKE	BLOCK
4.2L 4196 CC 256 CID OHV 16V V8	1954	3.630"/92.1mm x 3.110"/79.0mm	96
4.2L 255 CID OHV 16V V8	1980-1982	3.680"/93.5mm x 3.000"/76.2mm	95
4.3L 4261 CC 260 CID OHV 16V V8	1962-1965	3.800"/96.4mm x 2.880"/73.0mm	97
4.4L 4458 CC 272 CID OHV 16V V8	1955-1958	3.630"/92.1mm x 3.300"/83.7mm	98
4.6L 281 CID SOHC 16V V8	1991-2011	3.550"/90.2mm x 3.540"/90.0mm	104
4.6L 281 CID SOHC 16V V8	1995-2007	3.550"/90.2mm x 3.540"/90.0mm	99
4.6L 281 CID SOHC 16V V8; Triton	1996-1999	3.550"/90.2mm x 3.540"/90.0mm	99
4.6L 281 CID SOHC 16V V8	1996-2011	3.550"/90.2mm x 3.540"/90.0mm	101
4.6L 281 CID SOHC 16V V8; Triton (Windsor)	1997-2003	3.550"/90.2mm x 3.540"/90.0mm	99
4.6L 281 CID SOHC 16V V8; Triton (Romeo)	1997-2008	3.550"/90.2mm x 3.540"/90.0mm	102
4.6L 281 CID SOHC 16V V8; Triton	2004-2010	3.550"/90.2mm x 3.540"/90.0mm	100
4.6L 281 CID SOHC 16V V8; Triton	2009-2014	3.550"/90.2mm x 3.540"/90.0mm	103
4.6L 4605 CC 281 CID SOHC 16V V8 99W	2010	3.550"/90.2mm x 0.350"/9.0mm	105
4.6L 4601 CC 281 CID SOHC 16V V8 99W	2010-2014	3.550"/90.2mm x 3.540"/90.0mm	99
4.6L 281 CID SOHC 24V V8	1995-2010	3.550"/90.2mm x 3.540"/90.0mm	101
4.6L 281 CID SOHC 24V V8 998	2006-2010	3.550"/90.2mm x 3.540"/90.0mm	106
4.6L 281 CID SOHC 24V V8; Triton	2009-2010	3.550"/90.2mm x 3.540"/90.0mm	106
4.6L 4605 CC 281 CID SOHC 24V V8 998	2010	3.550"/90.2mm x 0.350"/9.0mm	105
4.6L 281 CID DOHC 32V V8; InTech	1993-2004	3.550"/90.2mm x 3.540"/90.0mm	106
4.6L 281 CID DOHC 32V V8	1996-2004	3.550"/90.2mm x 3.540"/90.0mm	106
4.6L 281 CID DOHC 32V V8; InTech	2003-2005	3.550"/90.2mm x 3.540"/90.0mm	108
4.6L 281 CID DOHC 32V V8	2005	3.550"/90.2mm x 3.540"/90.0mm	107
4.7L 4727 CC 289 CID OHV 16V V8; Hi-Perf.	1963-1967	4.000"/101.6mm x 2.880"/73.0mm	97
4.7L 4727 CC 289 CID OHV 16V V8	1963-1968	4.000"/101.6mm x 2.880"/73.0mm	110
4.7L 4727 CC 289 CID OHV 16V V8	1964-1965	4.000"/101.6mm x 2.880"/73.0mm	97
4.7L 4727 CC 289 CID OHV 16V V8; Hi-Perf.	1966-1968	4.000"/101.6mm x 2.880"/73.0mm	109
4.8L 4786 CC 292 CID OHV 16V V8	1955-1964	3.750"/95.3mm x 3.300"/83.7mm	111
4.8L 4786 CC 292 CID OHV 16V V8	1956-1964	3.750"/95.3mm x 3.300"/83.7mm	98
5.0L 4949 CC 302 CID OHV 16V V8	1968-1974	4.000"/101.6mm x 3.000"/76.2mm	97
5.0L 4950 CC 302 CID OHV 16V V8	1968-1974	4.000"/101.6mm x 3.000"/76.2mm	97
5.0L 4949 CC 302 CID OHV 16V V8	1968-1974	4.000"/101.6mm x 3.000"/76.2mm	112
5.0L 4950 CC 302 CID OHV 16V V8	1969	4.000"/101.6mm x 3.000"/76.2mm	112
5.0L 4949 CC 302 CID OHV 16V V8; Boss/Eliminator	1969-1971	4.000"/101.6mm x 3.000"/76.2mm	112
5.0L 302 CID OHV 16V V8	1975-1985	4.000"/101.6mm x 3.000"/76.2mm	91
5.0L 302 CID OHV 16V V8	1975-2001	4.000"/101.6mm x 3.000"/76.2mm	97
5.0L 302 CID OHV 16V V8	1980-1991	4.000"/101.6mm x 3.000"/76.2mm	113
5.0L 302 CID OHV 16V V8; HO	1982-1987	4.000"/101.6mm x 3.000"/76.2mm	97
5.0L 302 CID OHV 16V V8; HO	1987-1995	4.000"/101.6mm x 3.000"/76.2mm	112
5.0L 302 CID OHV 16V V8	1995-2001	4.000"/101.6mm x 3.000"/76.2mm	114
5.0L 5000 CC 305 CID DOHC 32V V8	2011-2012		117
5.0L 4951 CC 302 CID DOHC 32V V8 99F, 99U	2011-2016	3.630"/92.2mm x 3.650"/92.7mm	116
5.0L 4951 CC 302 CID DOHC 32V V8 99F	2013-2017	3.630"/92.2mm x 3.650"/92.7mm	115
5.0L 4951 CC 302 CID SOHC 32V V8 99F	2011-2013	3.630"/92.2mm x 3.650"/92.7mm	115
5.1L 5114 CC 312 CID OHV 16V V8	1956-1958	3.800"/96.4mm x 3.440"/87.3mm	119
5.1L 5114 CC 312 CID OHV 16V V8	1956-1958	3.800"/96.4mm x 3.440"/87.3mm	120
5.1L 5114 CC 312 CID OHV 16V V8	1957-1960	3.800"/96.4mm x 3.440"/87.3mm	118
5.4L 330 CID SOHC 16V V8; Triton	1997-2005	3.550"/90.2mm x 4.170"/105.7mm	99
5.4L 330 CID SOHC 16V V8 995; Triton	1997-2009	3.550"/90.2mm x 4.170"/105.8mm	122
5.4L 330 CID SOHC 16V V8; Triton	1997-2014	3.550"/90.2mm x 4.170"/105.7mm	122
5.4L 330 CID SOHC 16V V8; Triton	2015-2016	3.550"/90.2mm x 4.170"/105.7mm	121



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ENGINE	YEAR	BORE & STROKE	BLOCK
5.4L 5441 CC 332 CID OHV 16V V8	1958-1959	4.000"/101.6mm x 3.300"/83.7mm	124
5.4L 5441 CC 332 CID OHV 16V V8	1958-1959	4.000"/101.6mm x 3.300"/83.7mm	126
5.4L 5441 CC 332 CID OHV 16V V8	1960-1963	4.000"/101.6mm x 3.300"/83.7mm	125
5.4L 330 CID SOHC 24V V8; Triton	2004-2014	3.550"/90.2mm x 4.170"/105.7mm	122
5.4L 330 CID SOHC 24V V8; InTech	2005	3.550"/90.2mm x 4.170"/105.7mm	99
5.4L 330 CID SOHC 24V V8 995; Triton	2006-2008	3.550"/90.2mm x 4.170"/105.8mm	122
5.4L 5409 CC 330 CID SOHC 24V V8 995	2010	3.550"/90.2mm x 4.170"/105.9mm	99
5.4L 5408 CC 330 CID SOHC 24V V8 995	2011-2012	3.550"/90.2mm x 4.170"/105.8mm	105
5.4L 330 CID DOHC 32V V8; InTech	1999-2004	3.550"/90.2mm x 4.170"/105.7mm	99
5.4L 330 CID SOHC 32V V8; Triton	2000	3.550"/90.2mm x 4.170"/105.8mm	99
5.4L 5409 CC 330 CID DOHC 32V V8	2000	3.550"/90.2mm x 4.170"/105.8mm	99
5.4L 330 CID DOHC 32V V8; Triton	2001-2004	3.550"/90.2mm x 4.170"/105.8mm	99
5.4L 5409 CC 330 CID DOHC 32V V8	2005-2012	3.550"/90.2mm x 4.170"/105.8mm	123
5.4L 5409 CC 330 CID DOHC 32V V8 99S	2011-2012	3.550"/90.2mm x 4.170"/105.8mm	105
5.8L 5769 CC 352 CID OHV 16V V8	1958-1963	4.000"/101.6mm x 3.500"/89.9mm	140
5.8L 5769 CC 352 CID OHV 16V V8	1960-1961	4.000"/101.6mm x 3.500"/89.9mm	139
5.8L 5769 CC 352 CID OHV 16V V8	1964-1967	4.000"/101.6mm x 3.500"/89.9mm	138
5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1969-1974	4.000"/101.6mm x 3.500"/88.8mm	127
5.8L 5752 CC 351 CID OHV 16V V8; Windsor	1969-1974	4.000"/101.6mm x 3.500"/88.8mm	136
5.8L 5753 CC 351 CID OHV 16V V8; Windsor	1969-1974	4.000"/101.6mm x 3.500"/88.8mm	136
5.8L 5752 CC 351 CID OHV 16V V8; Cleveland	1970-1974	4.000"/101.6mm x 3.500"/88.8mm	127
5.8L 5752 CC 351 CID OHV 16V V8; Cleveland Boss	1971-1972	4.000"/101.6mm x 3.500"/88.8mm	130
5.8L 5752 CC 351 CID OHV 16V V8; Cleveland Cobra Jet	1971-1974	4.000"/101.6mm x 3.500"/88.8mm	127
5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1972-1974	4.000"/101.6mm x 3.500"/88.8mm	132
5.8L 351 CID OHV 16V V8; Windsor	1975-1979	4.000"/101.6mm x 3.500"/88.8mm	131
5.8L 351 CID OHV 16V V8; Modified	1975-1979	4.000"/101.6mm x 3.500"/88.8mm	137
5.8L 351 CID OHV 16V V8; Modified	1980-1986	4.000"/101.6mm x 3.500"/88.8mm	129
5.8L 351 CID OHV 16V V8; Windsor	1980-1991	4.000"/101.6mm x 3.500"/88.8mm	135
5.8L 351 CID OHV 16V V8	1983	4.000"/101.6mm x 3.500"/88.8mm	133
5.8L 351 CID OHV 16V V8; HO	1984-1987	4.000"/101.6mm x 3.500"/88.8mm	128
5.8L 351 CID OHV 16V V8; HO	1988-1997	4.000"/101.6mm x 3.500"/88.8mm	134
5.8L 351 CID OHV 16V V8; Windsor	1993-1995	4.000"/101.6mm x 3.500"/88.8mm	134
5.8L 351 CID OHV 16V V8; Windsor	1995	4.000"/101.6mm x 3.500"/88.8mm	136
5.8L 351 CID OHV 16V V8; HO	1995-1996	4.000"/101.6mm x 3.500"/88.8mm	131
5.8L 5752 CC 351 CID SOHC 16V V8	1997	4.000"/101.6mm x 3.500"/88.8mm	131
5.9L 360 CID OHV 16V V8	1975-1976	4.000"/101.6mm x 3.580"/90.9mm	141
5.9L 5917 CC 361 CID OHV 16V V8	1958-1959	4.050"/102.9mm x 3.500"/88.9mm	143
5.9L 5900 CC 360 CID OHV 16V V8	1968-1974	4.050"/102.9mm x 3.500"/88.8mm	141
5.9L 5899 CC 360 CID OHV 16V V8	1968-1974	4.050"/102.9mm x 3.500"/88.9mm	142
5.9L 360 CID OHV 16V V8	1975-1977	4.050"/102.9mm x 3.500"/88.8mm	141
6.0L 363 CID OHV 32V V8; Power-Stroke	2004-2010	3.740"/95.0mm x 4.130"/105.0mm	144
6.2L 6210 CC 379 CID SOHC 16V V8	2010-2016	4.020"/102.1mm x 3.740"/95.0mm	145
6.4L 6391 CC 390 CID OHV 16V V8	1961-1962	4.050"/101.6mm x 3.780"/96.0mm	146
6.4L 6391 CC 390 CID OHV 16V V8	1961-1967	4.050"/101.6mm x 3.780"/96.0mm	147
6.4L 6391 CC 390 CID OHV 16V V8	1961-1968	4.050"/101.6mm x 3.780"/96.0mm	148
6.4L 6391 CC 390 CID OHV 16V V8	1963-1965	4.050"/101.6mm x 3.780"/96.0mm	149
6.4L 6391 CC 390 CID OHV 16V V8	1964-1974	4.050"/101.6mm x 3.780"/96.0mm	150
6.4L 6391 CC 390 CID OHV 16V V8; GT	1966-1970	4.050"/101.6mm x 3.780"/96.0mm	141
6.4L 6391 CC 390 CID OHV 16V V8	1967-1974	4.050"/101.6mm x 3.780"/96.0mm	141
6.4L 6392 CC 390 CID OHV 16V V8	1967-1974	4.050"/102.9mm x 3.780"/96.4mm	141

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ENGINE	YEAR	BORE & STROKE	BLOCK
6.4L 390 CID OHV 16V V8	1975-1977	4.050"/102.9mm x 3.780"/96.4mm	141
6.4L 391 CID OHV 32V V8; Power-Stroke	2008-2010	3.860"/98.0mm x 4.130"/105.0mm	151
6.6L 6555 CC 400 CID OHV 16V V8	1971-1974	4.000"/101.6mm x 4.000"/101.6mm	129
6.6L 6556 CC 400 CID OHV 16V V8	1971-1974	4.000"/101.6mm x 4.000"/101.6mm	129
6.6L 400 CID OHV 16V V8	1975-1982	4.000"/101.6mm x 4.000"/101.6mm	129
6.6L 6654 CC 406 CID OHV 16V V8	1962-1963	4.130"/105.0mm x 3.780"/96.0mm	146
6.6L 6654 CC 406 CID OHV 16V V8	1962-1963	4.130"/105.0mm x 3.780"/96.0mm	152
6.7L 6720 CC 410 CID OHV 16V V8	1966-1967	4.050"/102.9mm x 3.980"/101.2mm	141
6.7L 6700 CC 409 CID OHV 32V V8 99T	2011-2014		153
6.7L 6651 CC 406 CID OHV 32V V8; Power-Stroke	2011-2016	3.900"/99.1mm x 4.250"/107.9mm	153
7.0L 7014 CC 428 CID OHV 16V V8; Police	1966-1970	4.130"/104.9mm x 3.980"/101.2mm	141
7.0L 7014 CC 428 CID OHV 16V V8	1966-1970	4.130"/104.9mm x 3.980"/101.2mm	158
7.0L 7014 CC 428 CID OHV 16V V8; Cobra Jet/Super CJ	1968-1970	4.130"/104.9mm x 3.980"/101.2mm	158
7.0L 6997 CC 427 CID OHV 16V V8	1963-1965	4.230"/107.5mm x 3.780"/96.0mm	155
7.0L 6997 CC 427 CID OHV 16V V8	1963-1968	4.230"/107.5mm x 3.780"/96.0mm	154
7.0L 6997 CC 427 CID OHV 16V V8; Hi-Perf.	1964-1969	4.230"/107.5mm x 3.780"/96.0mm	143
7.0L 6997 CC 427 CID OHV 16V V8	1965-1967	4.230"/107.5mm x 3.780"/96.0mm	157
7.0L 6997 CC 427 CID OHV 16V V8	1966-1969	4.230"/107.5mm x 3.780"/96.0mm	156
7.0L 7030 CC 429 CID OHV 16V V8	1968-1973	4.360"/110.7mm x 3.590"/91.2mm	161
7.0L 7030 CC 429 CID OHV 16V V8; Boss	1969-1970	4.360"/110.7mm x 3.590"/91.2mm	159
7.0L 7030 CC 429 CID OHV 16V V8	1969-1971	4.360"/110.7mm x 3.590"/91.2mm	160
7.0L 7030 CC 429 CID OHV 16V V8; Cobra Jet/Super CJ	1970-1971	4.360"/110.7mm x 3.590"/91.2mm	161
7.0L 7030 CC 429 CID OHV 16V V8	1971	4.360"/110.7mm x 3.590"/91.2mm	159
7.0L 7030 CC 429 CID OHV 16V V8; Police	1971-1972	4.360"/110.7mm x 3.590"/91.2mm	159
7.3L 445 CID OHV 16V V8; Power-Stroke	1994-2003	4.110"/104.4mm x 4.180"/106.2mm	162
7.5L 7539 CC 460 CID OHV 16V V8	1968-1974	4.360"/110.7mm x 3.850"/97.8mm	160
7.5L 7539 CC 460 CID OHV 16V V8	1973-1974	4.360"/110.7mm x 3.850"/97.8mm	159
7.5L 7539 CC 460 CID OHV 16V V8; Police	1973-1974	4.360"/110.7mm x 3.850"/97.8mm	160
7.5L 460 CID OHV 16V V8; HO	1975-1978	4.360"/110.7mm x 3.850"/97.8mm	160
7.5L 460 CID OHV 16V V8	1975-1979	4.360"/110.7mm x 3.850"/97.8mm	161
7.5L 460 CID OHV 16V V8	1975-1997	4.360"/110.7mm x 3.850"/97.8mm	159
7.5L 460 CID OHV 16V V8	1997	4.360"/110.7mm x 3.850"/97.8mm	163
6.8L 415 CID SOHC 20V V10; Triton	1997-2013	3.550"/90.2mm x 4.160"/105.7mm	164
6.8L 415 CID SOHC 20V V10; Triton	1998-2009	3.550"/90.2mm x 4.160"/105.7mm	165
6.8L 415 CID SOHC 30V V10; Triton	2005-2013	3.550"/90.2mm x 4.160"/105.7mm	164
6.8L 415 CID SOHC 30V V10; Triton	2011-2016	3.550"/90.2mm x 4.160"/105.7mm	165
6.8L 415 CID SOHC 30V V10; Triton	2016	3.550"/90.2mm x 4.160"/105.7mm	166

MODEL	ENGINE	YEAR	BLOCK
1/2 Ton Pickup	2.0L 1962 CC 120 CID L-HEAD 8V L4	1942	17
1/2 Ton Pickup	3.9L 3924 CC 239 CID L-HEAD 16V V8	1942-1947	92
1 Ton Pickup	2.0L 1962 CC 120 CID L-HEAD 8V L4	1942	17
1 Ton Pickup	3.9L 3924 CC 239 CID L-HEAD 16V V8	1942-1947	92
3/4 Ton Pickup	2.0L 1962 CC 120 CID L-HEAD 8V L4	1942	17
3/4 Ton Pickup	3.9L 3924 CC 239 CID L-HEAD 16V V8	1942-1947	92
300	3.3L 3277 CC 200 CID OHV 12V L6	1963	59
300	3.6L 3655 CC 223 CID OHV 12V L6	1963	69



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MODEL	ENGINE	YEAR	BLOCK
300	4.3L 4261 CC 260 CID OHV 16V V8	1963	97
300	4.7L 4727 CC 289 CID OHV 16V V8	1963	110
300	5.8L 5769 CC 352 CID OHV 16V V8	1963	140
300	6.4L 6391 CC 390 CID OHV 16V V8	1963	149
300	6.4L 6391 CC 390 CID OHV 16V V8	1963	148
300	6.4L 6391 CC 390 CID OHV 16V V8	1963	147
300	6.6L 6654 CC 406 CID OHV 16V V8	1963	152
300	6.6L 6654 CC 406 CID OHV 16V V8	1963	146
300	7.0L 6997 CC 427 CID OHV 16V V8	1963	155
300	7.0L 6997 CC 427 CID OHV 16V V8	1963	154
Aerostar	2.3L 140 CID SOHC 8V L4	1986-1987	28
Aerostar	2.8L 171 CID OHV 12V V6	1986	46
Aerostar	3.0L 2986 CC 182 CID OHV 12V V6; Vulcan	1986-1994	53
Aerostar	3.0L 2986 CC 182 CID OHV 12V V6; Vulcan	1995-1997	52
Aerostar	4.0L 245 CID OHV 12V V6	1990-1997	82
Aerostar	4.0L 245 CID OHV 12V V6	1995	81
Anglia	1.0L 997 CC 61 CID OHV 8V L4 FORD EUROPE	1959-1967	1
Anglia	1.2L 1198 CC 73 CID OHV 8V L4 FORD EUROPE	1962-1967	2
Aspire	1.3L 1295 CC SOHC 8V L4 MAZDA	1994-1997	3
Aviator	4.6L 281 CID DOHC 32V V8; InTech	2003-2005	108
Aviator	4.6L 281 CID DOHC 32V V8	2005	107
Blackwood	5.4L 330 CID DOHC 32V V8; InTech	2002	99
Bobcat	2.3L 140 CID SOHC 8V L4	1975-1980	28
Bobcat	2.8L 171 CID OHV 12V V6	1975-1979	47
Bronco	2.8L 2786 CC 170 CID OHV 12V L6	1966-1972	44
Bronco	3.3L 3277 CC 200 CID OHV 12V L6	1973-1974	59
Bronco	3.3L 3278 CC 200 CID OHV 12V L6	1973-1974	57
Bronco	3.9L 3933 CC 240 CID OHV 12V L6	1966-1967	77
Bronco	4.7L 4727 CC 289 CID OHV 16V V8	1966-1968	110
Bronco	4.9L 4917 CC 300 CID OHV 12V L6	1980-1982	78
Bronco	4.9L 4917 CC 300 CID OHV 12V L6	1983-1986	87
Bronco	4.9L 4917 CC 300 CID OHV 12V L6	1987-1992	89
Bronco	5.0L 302 CID OHV 16V V8	1975-1996	97
Bronco	5.0L 302 CID OHV 16V V8	1980-1984	91
Bronco	5.0L 4949 CC 302 CID OHV 16V V8	1968-1974	97
Bronco	5.0L 4950 CC 302 CID OHV 16V V8	1968-1974	97
Bronco	5.8L 351 CID OHV 16V V8; Windsor	1978-1979	131
Bronco	5.8L 351 CID OHV 16V V8; Modified	1978-1979	137
Bronco	5.8L 351 CID OHV 16V V8; Modified	1980-1982	129
Bronco	5.8L 351 CID OHV 16V V8; Windsor	1980-1985	135
Bronco	5.8L 351 CID OHV 16V V8	1983	133
Bronco	5.8L 351 CID OHV 16V V8; HO	1984-1987	128
Bronco	5.8L 351 CID OHV 16V V8; HO	1988-1996	134
Bronco	6.6L 400 CID OHV 16V V8	1978-1979	129
Bronco II	2.3L 134 CID OHV 8V L4 MITSUBISHI	1985-1986	27
Bronco II	2.8L 171 CID OHV 12V V6	1984-1985	46
Bronco II	2.9L 177 CID OHV 12V V6	1986-1990	48
Brougham	6.4L 6391 CC 390 CID OHV 16V V8	1967	147
Brougham	6.4L 6391 CC 390 CID OHV 16V V8	1967	148
Brougham	6.4L 6391 CC 390 CID OHV 16V V8	1967	150



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MODEL	ENGINE	YEAR	BLOCK
Brougham	6.7L 6720 CC 410 CID OHV 16V V8	1967	141
Brougham	7.0L 6997 CC 427 CID OHV 16V V8	1967	154
Brougham	7.0L 6997 CC 427 CID OHV 16V V8	1967	156
Brougham	7.0L 7014 CC 428 CID OHV 16V V8	1967	158
Brougham	7.0L 7014 CC 428 CID OHV 16V V8; Police	1967	141
Caliente	3.3L 3277 CC 200 CID OHV 12V L6	1964-1967	59
Caliente	4.3L 4261 CC 260 CID OHV 16V V8	1964-1965	97
Caliente	4.7L 4727 CC 289 CID OHV 16V V8	1964-1967	110
Caliente	4.7L 4727 CC 289 CID OHV 16V V8	1964-1967	97
Caliente	6.4L 6391 CC 390 CID OHV 16V V8; GT	1966-1967	141
Caliente	6.4L 6391 CC 390 CID OHV 16V V8	1966-1967	150
Caliente	7.0L 6997 CC 427 CID OHV 16V V8	1964-1965	155
Caliente	7.0L 6997 CC 427 CID OHV 16V V8	1964-1967	154
Caliente	7.0L 6997 CC 427 CID OHV 16V V8	1966-1967	156
Capri	1.3L 1340 CC 82 CID OHV 8V L4 FORD EUROPE	1962-1964	1
Capri	1.5L 1498 CC 92 CID OHV 8V L4 FORD EUROPE	1964	1
Capri	1.5L 1498 CC 92 CID OHV 8V L4 FORD EUROPE	1964	5
Capri	1.6L 1598 CC 98 CID DOHC 16V L4 MAZDA	1991-1994	12
Capri	1.6L 1599 CC 98 CID OHV 8V L4	1970-1972	2
Capri	2.0L 1993 CC 122 CID SOHC 8V L4	1971-1974	23
Capri	2.3L 140 CID SOHC 8V L4	1975-1986	28
Capri	2.6L 2551 CC 156 CID OHV 12V V6	1972-1973	43
Capri	2.8L 171 CID OHV 12V V6	1975-1979	47
Capri	2.8L 2792 CC 171 CID OHV 12V V6	1974	45
Capri	2.8L 2803 CC 171 CID OHV 12V V6	1974	45
Capri	3.3L 200 CID OHV 12V L6	1979	60
Capri	3.3L 200 CID OHV 12V L6	1980-1982	58
Capri	3.3L 3277 CC 200 CID OHV 12V L6	1966-1967	59
Capri	3.8L 232 CID OHV 12V V6	1983-1986	70
Capri	4.2L 255 CID OHV 16V V8	1980-1982	95
Capri	4.7L 4727 CC 289 CID OHV 16V V8	1966-1967	110
Capri	5.0L 302 CID OHV 16V V8	1979-1983	91
Capri	5.0L 302 CID OHV 16V V8	1984-1985	113
Capri	5.0L 302 CID OHV 16V V8; HO	1984-1986	97
Capri	6.4L 6391 CC 390 CID OHV 16V V8; GT	1966-1967	141
Capri	6.4L 6391 CC 390 CID OHV 16V V8	1966-1967	150
Capri	7.0L 6997 CC 427 CID OHV 16V V8	1966-1967	154
Capri	7.0L 6997 CC 427 CID OHV 16V V8	1966-1967	156
Club	3.5L 3524 CC 215 CID OHV 12V L6	1953	67
Club	3.6L 3655 CC 223 CID OHV 12V L6	1955-1959	68
Club	3.9L 3924 CC 239 CID L-HEAD 16V V8	1953	93
Club	4.2L 4186 CC 255 CID L-HEAD 16V V8	1953	94
Club	4.2L 4196 CC 256 CID OHV 16V V8	1954	96
Club	4.4L 4458 CC 272 CID OHV 16V V8	1955-1957	98
Club	4.8L 4786 CC 292 CID OHV 16V V8	1955-1959	111
Club	4.8L 4786 CC 292 CID OHV 16V V8	1956	98
Club	5.1L 5114 CC 312 CID OHV 16V V8	1956	120
Club	5.1L 5114 CC 312 CID OHV 16V V8	1957	118
Club	5.4L 5441 CC 332 CID OHV 16V V8	1958-1959	124
Club	5.4L 5441 CC 332 CID OHV 16V V8	1958-1959	126



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MODEL	ENGINE	YEAR	BLOCK
Club	5.8L 5769 CC 352 CID OHV 16V V8	1958-1959	140
Club	5.9L 5917 CC 361 CID OHV 16V V8	1958-1959	143
Club Wagon	2.4L 2360 CC 144 CID OHV 12V L6	1962-1964	40
Club Wagon	2.8L 2786 CC 170 CID OHV 12V L6	1962-1967	44
Club Wagon	3.9L 3933 CC 240 CID OHV 12V L6	1965-1967	78
Club Wagon	5.8L 351 CID OHV 16V V8; HO	1995-1996	131
C-Max	2.0L 1999 CC 122 CID DOHC 16V L4; Atkinson	2013-2017	20
Colony Park	4.8L 4786 CC 292 CID OHV 16V V8	1961-1962	111
Colony Park	5.0L 302 CID OHV 16V V8	1987-1991	113
Colony Park	5.1L 5114 CC 312 CID OHV 16V V8	1957-1958	119
Colony Park	5.1L 5114 CC 312 CID OHV 16V V8	1957-1958	120
Colony Park	5.1L 5114 CC 312 CID OHV 16V V8	1959-1960	118
Colony Park	5.8L 5752 CC 351 CID OHV 16V V8; Windsor	1969-1974	136
Colony Park	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland	1970-1974	127
Colony Park	5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1971-1973	127
Colony Park	5.8L 5753 CC 351 CID OHV 16V V8; Windsor	1971-1973	136
Colony Park	5.8L 5769 CC 352 CID OHV 16V V8	1961-1962	140
Colony Park	6.4L 6391 CC 390 CID OHV 16V V8	1961-1962	146
Colony Park	6.4L 6391 CC 390 CID OHV 16V V8	1961-1968	148
Colony Park	6.4L 6391 CC 390 CID OHV 16V V8	1963-1965	149
Colony Park	6.4L 6391 CC 390 CID OHV 16V V8	1963-1967	147
Colony Park	6.4L 6391 CC 390 CID OHV 16V V8	1964-1971	150
Colony Park	6.4L 6391 CC 390 CID OHV 16V V8	1968-1970	141
Colony Park	6.6L 6555 CC 400 CID OHV 16V V8	1971-1974	129
Colony Park	6.6L 6556 CC 400 CID OHV 16V V8	1971-1974	129
Colony Park	6.6L 6654 CC 406 CID OHV 16V V8	1962-1963	152
Colony Park	6.6L 6654 CC 406 CID OHV 16V V8	1962-1963	146
Colony Park	6.7L 6720 CC 410 CID OHV 16V V8	1966-1967	141
Colony Park	7.0L 6997 CC 427 CID OHV 16V V8	1963-1965	155
Colony Park	7.0L 6997 CC 427 CID OHV 16V V8	1963-1967	154
Colony Park	7.0L 6997 CC 427 CID OHV 16V V8	1966-1967	156
Colony Park	7.0L 7014 CC 428 CID OHV 16V V8	1966-1970	158
Colony Park	7.0L 7014 CC 428 CID OHV 16V V8; Police	1966-1970	141
Colony Park	7.0L 7030 CC 429 CID OHV 16V V8	1969-1971	160
Colony Park	7.0L 7030 CC 429 CID OHV 16V V8	1969-1973	161
Colony Park	7.0L 7030 CC 429 CID OHV 16V V8; Police	1971-1972	159
Colony Park	7.5L 7539 CC 460 CID OHV 16V V8; Police	1972-1974	160
Comet	2.4L 2360 CC 144 CID OHV 12V L6	1960-1963	40
Comet	2.8L 2786 CC 170 CID OHV 12V L6	1963-1972	44
Comet	3.3L 200 CID OHV 12V L6	1975-1977	60
Comet	3.3L 3277 CC 200 CID OHV 12V L6	1963-1974	59
Comet	3.3L 3278 CC 200 CID OHV 12V L6	1968-1974	57
Comet	3.6L 3622 CC 221 CID OHV 16V V8	1962-1963	91
Comet	4.1L 250 CID OHV 12V L6	1975-1977	83
Comet	4.1L 4097 CC 250 CID OHV 12V L6	1969-1974	83
Comet	4.1L 4098 CC 250 CID OHV 12V L6	1969-1974	83
Comet	4.3L 4261 CC 260 CID OHV 16V V8	1962-1965	97
Comet	4.7L 4727 CC 289 CID OHV 16V V8	1964-1967	97
Comet	4.7L 4727 CC 289 CID OHV 16V V8	1964-1968	110
Comet	5.0L 302 CID OHV 16V V8	1975-1977	91

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MODEL	ENGINE	YEAR	BLOCK
Comet	5.0L 4949 CC 302 CID OHV 16V V8	1968	97
Comet	5.0L 4949 CC 302 CID OHV 16V V8	1968-1974	112
Comet	5.8L 5752 CC 351 CID OHV 16V V8; Windsor	1969-1970	136
Comet	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland	1970	127
Comet	5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1969	127
Comet	5.8L 5753 CC 351 CID OHV 16V V8; Windsor	1969	136
Comet	6.4L 6391 CC 390 CID OHV 16V V8; GT	1966-1969	141
Comet	6.4L 6391 CC 390 CID OHV 16V V8	1966-1970	150
Comet	7.0L 6997 CC 427 CID OHV 16V V8	1964-1965	155
Comet	7.0L 6997 CC 427 CID OHV 16V V8	1964-1967	154
Comet	7.0L 6997 CC 427 CID OHV 16V V8	1966-1968	156
Comet	7.0L 7014 CC 428 CID OHV 16V V8; Cobra Jet/Super CJ	1968-1969	158
Comet	7.0L 7014 CC 428 CID OHV 16V V8; Police	1968-1969	141
Comet	7.0L 7030 CC 429 CID OHV 16V V8	1970	161
Commuter	4.7L 4727 CC 289 CID OHV 16V V8	1967	110
Commuter	4.8L 4786 CC 292 CID OHV 16V V8	1961-1962	111
Commuter	5.1L 5114 CC 312 CID OHV 16V V8	1957-1958	119
Commuter	5.1L 5114 CC 312 CID OHV 16V V8	1957-1958	120
Commuter	5.1L 5114 CC 312 CID OHV 16V V8	1959-1960	118
Commuter	5.8L 5769 CC 352 CID OHV 16V V8	1961-1962	140
Commuter	6.4L 6391 CC 390 CID OHV 16V V8	1961-1962	146
Commuter	6.4L 6391 CC 390 CID OHV 16V V8	1961-1968	148
Commuter	6.4L 6391 CC 390 CID OHV 16V V8	1963-1965	149
Commuter	6.4L 6391 CC 390 CID OHV 16V V8	1963-1967	147
Commuter	6.4L 6391 CC 390 CID OHV 16V V8	1964-1968	150
Commuter	6.4L 6391 CC 390 CID OHV 16V V8	1968	141
Commuter	6.6L 6654 CC 406 CID OHV 16V V8	1962-1963	152
Commuter	6.6L 6654 CC 406 CID OHV 16V V8	1962-1963	146
Commuter	6.7L 6720 CC 410 CID OHV 16V V8	1966-1967	141
Commuter	7.0L 6997 CC 427 CID OHV 16V V8	1963-1965	155
Commuter	7.0L 6997 CC 427 CID OHV 16V V8	1963-1967	154
Commuter	7.0L 6997 CC 427 CID OHV 16V V8	1966-1967	156
Commuter	7.0L 7014 CC 428 CID OHV 16V V8	1966-1968	158
Commuter	7.0L 7014 CC 428 CID OHV 16V V8; Police	1966-1968	141
Consul	1.3L 1340 CC 82 CID OHV 8V L4 FORD EUROPE	1962-1964	1
Continental	3.8L 232 CID OHV 12V V6	1982	70
Continental	3.8L 232 CID OHV 12V V6	1988-1994	71
Continental	4.6L 281 CID DOHC 32V V8; InTech	1995-2002	106
Continental	5.0L 302 CID OHV 16V V8	1980-1987	113
Continental	5.0L 302 CID OHV 16V V8	1982	91
Continental	5.8L 351 CID OHV 16V V8; Modified	1980	129
Continental	5.8L 351 CID OHV 16V V8; Windsor	1980	135
Continental	6.6L 400 CID OHV 16V V8	1977-1979	129
Continental	7.5L 460 CID OHV 16V V8	1975-1978	161
Continental	7.5L 7539 CC 460 CID OHV 16V V8	1968-1974	160
Contour	2.0L 1989 CC 121 CID DOHC 16V L4; Zetec	1995-2000	18
Contour	2.5L 2450 CC 155 CID DOHC 24V V6; Duratec	1995-2000	42
Cortina	1.2L 1198 CC 73 CID OHV 8V L4 FORD EUROPE	1963-1964	1
Cortina	1.5L 1498 CC 92 CID OHV 8V L4 FORD EUROPE	1963-1967	1
Cortina	1.5L 1498 CC 92 CID OHV 8V L4 FORD EUROPE	1963-1967	2



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MODEL	ENGINE	YEAR	BLOCK
Cortina	1.5L 1498 CC 92 CID OHV 8V L4 FORD EUROPE	1963-1967	5
Cortina	1.6L 1599 CC 98 CID OHV 8V L4; British	1967-1970	2
Cougar	2.0L 1989 CC 121 CID DOHC 16V L4; Zetec	1999-2002	18
Cougar	2.3L 140 CID SOHC 8V L4	1981-1986	28
Cougar	2.3L 140 CID SOHC 8V L4	1982	33
Cougar	2.5L 2450 CC 155 CID DOHC 24V V6; Duratec	1999-2002	42
Cougar	3.3L 200 CID OHV 12V L6	1980-1982	58
Cougar	3.8L 232 CID OHV 12V V6	1982-1987	70
Cougar	3.8L 232 CID OHV 12V V6	1987-1996	71
Cougar	3.8L 232 CID OHV 12V V6	1989-1990	74
Cougar	3.8L 232 CID OHV 12V V6	1995-1997	73
Cougar	4.2L 255 CID OHV 16V V8	1980-1982	95
Cougar	4.6L 281 CID SOHC 16V V8	1994-1997	104
Cougar	4.7L 4727 CC 289 CID OHV 16V V8	1967-1968	110
Cougar	5.0L 302 CID OHV 16V V8	1977-1981	91
Cougar	5.0L 302 CID OHV 16V V8	1983-1988	113
Cougar	5.0L 302 CID OHV 16V V8; HO	1991-1993	112
Cougar	5.0L 4949 CC 302 CID OHV 16V V8	1968	97
Cougar	5.0L 4949 CC 302 CID OHV 16V V8; Boss/Eliminator	1968-1971	112
Cougar	5.0L 4950 CC 302 CID OHV 16V V8	1969	112
Cougar	5.8L 351 CID OHV 16V V8; Windsor	1975-1979	131
Cougar	5.8L 351 CID OHV 16V V8; Modified	1975-1979	137
Cougar	5.8L 5752 CC 351 CID OHV 16V V8; Windsor	1969-1974	136
Cougar	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland Cobra Jet	1970-1974	127
Cougar	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland Boss	1971-1972	130
Cougar	5.8L 5753 CC 351 CID OHV 16V V8; Windsor	1969-1974	136
Cougar	5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1970-1974	127
Cougar	5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1972-1974	132
Cougar	6.4L 6391 CC 390 CID OHV 16V V8	1967-1970	141
Cougar	6.6L 400 CID OHV 16V V8	1975-1978	129
Cougar	6.6L 6555 CC 400 CID OHV 16V V8	1973-1974	129
Cougar	6.6L 6556 CC 400 CID OHV 16V V8	1973-1974	129
Cougar	7.0L 6997 CC 427 CID OHV 16V V8	1968	156
Cougar	7.0L 7014 CC 428 CID OHV 16V V8; Police	1968-1969	141
Cougar	7.0L 7014 CC 428 CID OHV 16V V8; Cobra Jet/Super CJ	1968-1970	158
Cougar	7.0L 7030 CC 429 CID OHV 16V V8; Boss	1969-1970	159
Cougar	7.0L 7030 CC 429 CID OHV 16V V8; Cobra Jet/Super CJ	1970-1971	161
Cougar	7.5L 460 CID OHV 16V V8	1975-1976	161
Cougar	7.5L 7539 CC 460 CID OHV 16V V8; Police	1973-1974	160
Country Cruiser	3.3L 3277 CC 200 CID OHV 12V L6	1963	59
Country Cruiser	3.6L 3622 CC 221 CID OHV 16V V8	1963	91
Country Cruiser	4.3L 4261 CC 260 CID OHV 16V V8	1963	97
Country Cruiser	4.7L 4727 CC 289 CID OHV 16V V8	1963	110
Country Cruiser	5.1L 5114 CC 312 CID OHV 16V V8	1959-1960	118
Country Cruiser	6.4L 6391 CC 390 CID OHV 16V V8	1963	147
Country Cruiser	6.4L 6391 CC 390 CID OHV 16V V8	1963	149
Country Cruiser	6.4L 6391 CC 390 CID OHV 16V V8	1963	148
Country Sedan	2.4L 2360 CC 144 CID OHV 12V L6	1960-1961	40
Country Sedan	2.8L 2786 CC 170 CID OHV 12V L6	1965-1969	44
Country Sedan	3.3L 3277 CC 200 CID OHV 12V L6	1965-1970	59

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MODEL	ENGINE	YEAR	BLOCK
Country Sedan	3.5L 3524 CC 215 CID OHV 12V L6	1952-1953	67
Country Sedan	3.6L 3622 CC 221 CID OHV 16V V8	1962-1963	91
Country Sedan	3.6L 3655 CC 223 CID OHV 12V L6	1954-1961	68
Country Sedan	3.6L 3655 CC 223 CID OHV 12V L6	1960-1964	69
Country Sedan	3.9L 3924 CC 239 CID L-HEAD 16V V8	1950-1953	93
Country Sedan	3.9L 3933 CC 240 CID OHV 12V L6	1965-1972	78
Country Sedan	4.1L 4097 CC 250 CID OHV 12V L6	1969-1974	83
Country Sedan	4.2L 4186 CC 255 CID L-HEAD 16V V8	1953	94
Country Sedan	4.2L 4196 CC 256 CID OHV 16V V8	1954	96
Country Sedan	4.3L 4261 CC 260 CID OHV 16V V8	1962-1965	97
Country Sedan	4.4L 4458 CC 272 CID OHV 16V V8	1955-1957	98
Country Sedan	4.7L 4727 CC 289 CID OHV 16V V8	1963-1967	110
Country Sedan	4.7L 4727 CC 289 CID OHV 16V V8	1964-1965	97
Country Sedan	4.8L 4786 CC 292 CID OHV 16V V8	1955-1962	111
Country Sedan	4.8L 4786 CC 292 CID OHV 16V V8	1956	98
Country Sedan	5.0L 4949 CC 302 CID OHV 16V V8	1968-1974	112
Country Sedan	5.0L 4949 CC 302 CID OHV 16V V8	1969-1972	97
Country Sedan	5.1L 5114 CC 312 CID OHV 16V V8	1956	120
Country Sedan	5.1L 5114 CC 312 CID OHV 16V V8	1957	118
Country Sedan	5.4L 5441 CC 332 CID OHV 16V V8	1958-1959	124
Country Sedan	5.4L 5441 CC 332 CID OHV 16V V8	1958-1959	126
Country Sedan	5.8L 5752 CC 351 CID OHV 16V V8; Windsor	1969-1974	136
Country Sedan	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland	1970-1974	127
Country Sedan	5.8L 5753 CC 351 CID OHV 16V V8; Windsor	1969-1974	136
Country Sedan	5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1969-1974	127
Country Sedan	5.8L 5769 CC 352 CID OHV 16V V8	1958-1963	140
Country Sedan	5.8L 5769 CC 352 CID OHV 16V V8	1960	139
Country Sedan	5.8L 5769 CC 352 CID OHV 16V V8	1964-1967	138
Country Sedan	5.9L 5917 CC 361 CID OHV 16V V8	1958-1959	143
Country Sedan	6.4L 6391 CC 390 CID OHV 16V V8	1961-1962	146
Country Sedan	6.4L 6391 CC 390 CID OHV 16V V8	1961-1967	147
Country Sedan	6.4L 6391 CC 390 CID OHV 16V V8	1961-1968	148
Country Sedan	6.4L 6391 CC 390 CID OHV 16V V8	1963-1965	149
Country Sedan	6.4L 6391 CC 390 CID OHV 16V V8	1964-1971	150
Country Sedan	6.4L 6391 CC 390 CID OHV 16V V8	1968-1970	141
Country Sedan	6.6L 6555 CC 400 CID OHV 16V V8	1971-1974	129
Country Sedan	6.6L 6556 CC 400 CID OHV 16V V8	1971-1974	129
Country Sedan	6.6L 6654 CC 406 CID OHV 16V V8	1962-1963	152
Country Sedan	6.6L 6654 CC 406 CID OHV 16V V8	1962-1963	146
Country Sedan	7.0L 6997 CC 427 CID OHV 16V V8	1963-1965	155
Country Sedan	7.0L 6997 CC 427 CID OHV 16V V8	1963-1968	154
Country Sedan	7.0L 6997 CC 427 CID OHV 16V V8	1966-1968	156
Country Sedan	7.0L 7014 CC 428 CID OHV 16V V8	1966-1970	158
Country Sedan	7.0L 7014 CC 428 CID OHV 16V V8; Police	1966-1970	141
Country Sedan	7.0L 7030 CC 429 CID OHV 16V V8	1969-1971	160
Country Sedan	7.0L 7030 CC 429 CID OHV 16V V8	1969-1973	161
Country Sedan	7.0L 7030 CC 429 CID OHV 16V V8; Police	1971-1972	159
Country Sedan	7.5L 7539 CC 460 CID OHV 16V V8; Police	1972-1974	160
Country Squire	2.4L 2360 CC 144 CID OHV 12V L6	1960-1961	40
Country Squire	2.8L 2786 CC 170 CID OHV 12V L6	1965-1969	44



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MODEL	ENGINE	YEAR	BLOCK
Country Squire	3.3L 3277 CC 200 CID OHV 12V L6	1965-1970	59
Country Squire	3.5L 3524 CC 215 CID OHV 12V L6	1952-1953	67
Country Squire	3.6L 3622 CC 221 CID OHV 16V V8	1962-1963	91
Country Squire	3.6L 3655 CC 223 CID OHV 12V L6	1954-1961	68
Country Squire	3.6L 3655 CC 223 CID OHV 12V L6	1960-1964	69
Country Squire	3.9L 3924 CC 239 CID L-HEAD 16V V8	1950-1953	93
Country Squire	3.9L 3933 CC 240 CID OHV 12V L6	1965-1972	78
Country Squire	4.1L 4097 CC 250 CID OHV 12V L6	1969-1974	83
Country Squire	4.2L 4186 CC 255 CID L-HEAD 16V V8	1953	94
Country Squire	4.2L 4196 CC 256 CID OHV 16V V8	1954	96
Country Squire	4.3L 4261 CC 260 CID OHV 16V V8	1962-1965	97
Country Squire	4.4L 4458 CC 272 CID OHV 16V V8	1955-1957	98
Country Squire	4.7L 4727 CC 289 CID OHV 16V V8	1963-1967	110
Country Squire	4.7L 4727 CC 289 CID OHV 16V V8	1964-1965	97
Country Squire	4.8L 4786 CC 292 CID OHV 16V V8	1955-1962	111
Country Squire	4.8L 4786 CC 292 CID OHV 16V V8	1956	98
Country Squire	5.0L 302 CID OHV 16V V8	1987-1991	113
Country Squire	5.0L 4949 CC 302 CID OHV 16V V8	1968-1974	112
Country Squire	5.0L 4949 CC 302 CID OHV 16V V8	1969-1972	97
Country Squire	5.1L 5114 CC 312 CID OHV 16V V8	1956	120
Country Squire	5.1L 5114 CC 312 CID OHV 16V V8	1957	118
Country Squire	5.4L 5441 CC 332 CID OHV 16V V8	1958-1959	124
Country Squire	5.4L 5441 CC 332 CID OHV 16V V8	1958-1959	126
Country Squire	5.8L 5752 CC 351 CID OHV 16V V8; Windsor	1969-1974	136
Country Squire	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland	1970-1974	127
Country Squire	5.8L 5753 CC 351 CID OHV 16V V8; Windsor	1969-1974	136
Country Squire	5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1969-1974	127
Country Squire	5.8L 5769 CC 352 CID OHV 16V V8	1958-1963	140
Country Squire	5.8L 5769 CC 352 CID OHV 16V V8	1960	139
Country Squire	5.8L 5769 CC 352 CID OHV 16V V8	1964-1967	138
Country Squire	5.9L 5917 CC 361 CID OHV 16V V8	1958-1959	143
Country Squire	6.4L 6391 CC 390 CID OHV 16V V8	1961-1962	146
Country Squire	6.4L 6391 CC 390 CID OHV 16V V8	1961-1967	147
Country Squire	6.4L 6391 CC 390 CID OHV 16V V8	1961-1968	148
Country Squire	6.4L 6391 CC 390 CID OHV 16V V8	1963-1965	149
Country Squire	6.4L 6391 CC 390 CID OHV 16V V8	1964-1971	150
Country Squire	6.4L 6391 CC 390 CID OHV 16V V8	1968-1970	141
Country Squire	6.6L 6555 CC 400 CID OHV 16V V8	1971-1974	129
Country Squire	6.6L 6556 CC 400 CID OHV 16V V8	1971-1974	129
Country Squire	6.6L 6654 CC 406 CID OHV 16V V8	1962-1963	152
Country Squire	6.6L 6654 CC 406 CID OHV 16V V8	1962-1963	146
Country Squire	7.0L 6997 CC 427 CID OHV 16V V8	1963-1965	155
Country Squire	7.0L 6997 CC 427 CID OHV 16V V8	1963-1968	154
Country Squire	7.0L 6997 CC 427 CID OHV 16V V8	1966-1968	156
Country Squire	7.0L 7014 CC 428 CID OHV 16V V8	1966-1970	158
Country Squire	7.0L 7014 CC 428 CID OHV 16V V8; Police	1966-1970	141
Country Squire	7.0L 7030 CC 429 CID OHV 16V V8	1969-1971	160
Country Squire	7.0L 7030 CC 429 CID OHV 16V V8	1969-1973	161
Country Squire	7.0L 7030 CC 429 CID OHV 16V V8; Police	1971-1972	159
Country Squire	7.5L 7539 CC 460 CID OHV 16V V8; Police	1972-1974	160

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MODEL	ENGINE	YEAR	BLOCK
Courier	1.8L 110 CID SOHC 8V L4 MAZDA	1975-1978	13
Courier	1.8L 1796 CC 110 CID SOHC 8V L4 MAZDA	1972-1974	13
Courier	2.0L 1989 CC 122 CID SOHC 8V L4 MAZDA	1979-1982	13
Courier	2.3L 140 CID SOHC 8V L4	1977-1982	28
Courier Sedan Delivery	3.5L 3524 CC 215 CID OHV 12V L6	1952-1953	67
Courier Sedan Delivery	3.6L 3655 CC 223 CID OHV 12V L6	1954-1959	68
Courier Sedan Delivery	3.6L 3655 CC 223 CID OHV 12V L6	1960	69
Courier Sedan Delivery	3.9L 3924 CC 239 CID L-HEAD 16V V8	1952-1953	92
Courier Sedan Delivery	4.4L 4458 CC 272 CID OHV 16V V8	1956-1957	98
Courier Sedan Delivery	4.8L 4786 CC 292 CID OHV 16V V8	1958-1960	111
Courier Sedan Delivery	5.8L 5769 CC 352 CID OHV 16V V8	1958-1960	140
Courier Sedan Delivery	5.8L 5769 CC 352 CID OHV 16V V8	1960	139
Crestline	3.5L 3524 CC 215 CID OHV 12V L6	1952-1953	67
Crestline	3.6L 3655 CC 223 CID OHV 12V L6	1954	68
Crestline	3.9L 3924 CC 239 CID L-HEAD 16V V8	1950-1953	93
Crestline	4.2L 4186 CC 255 CID L-HEAD 16V V8	1953	94
Crestline	4.2L 4196 CC 256 CID OHV 16V V8	1954	96
Crown Victoria	4.6L 281 CID SOHC 16V V8	1992-2011	104
Crown Victoria	4.6L 281 CID SOHC 16V V8; Triton	1996-2005	99
Crown Victoria	4.6L 281 CID SOHC 16V V8	2006-2011	101
Custom	3.5L 3524 CC 215 CID OHV 12V L6	1952	67
Custom	3.6L 3655 CC 223 CID OHV 12V L6	1964	69
Custom	3.9L 3924 CC 239 CID L-HEAD 16V V8	1949-1968	93
Custom	3.9L 3933 CC 240 CID OHV 12V L6	1965-1972	78
Custom	4.2L 4186 CC 255 CID L-HEAD 16V V8	1952-1953	94
Custom	4.2L 4196 CC 256 CID OHV 16V V8	1954	96
Custom	4.3L 4261 CC 260 CID OHV 16V V8	1964-1965	97
Custom	4.4L 4458 CC 272 CID OHV 16V V8	1957	98
Custom	4.7L 4727 CC 289 CID OHV 16V V8	1964-1965	97
Custom	4.7L 4727 CC 289 CID OHV 16V V8	1964-1967	110
Custom	4.8L 4786 CC 292 CID OHV 16V V8	1955-1957	111
Custom	5.0L 4949 CC 302 CID OHV 16V V8	1968-1972	112
Custom	5.0L 4949 CC 302 CID OHV 16V V8	1969-1972	97
Custom	5.1L 5114 CC 312 CID OHV 16V V8	1956	119
Custom	5.1L 5114 CC 312 CID OHV 16V V8	1956	120
Custom	5.1L 5114 CC 312 CID OHV 16V V8	1957	118
Custom	5.8L 5752 CC 351 CID OHV 16V V8; Windsor	1969-1972	136
Custom	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland	1970-1972	127
Custom	5.8L 5753 CC 351 CID OHV 16V V8; Windsor	1969-1972	136
Custom	5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1969-1972	127
Custom	5.8L 5769 CC 352 CID OHV 16V V8	1964-1967	138
Custom	6.4L 6391 CC 390 CID OHV 16V V8	1964-1965	149
Custom	6.4L 6391 CC 390 CID OHV 16V V8	1964-1967	147
Custom	6.4L 6391 CC 390 CID OHV 16V V8	1964-1968	148
Custom	6.4L 6391 CC 390 CID OHV 16V V8	1964-1971	150
Custom	6.4L 6391 CC 390 CID OHV 16V V8	1968-1970	141
Custom	6.6L 6555 CC 400 CID OHV 16V V8	1971-1972	129
Custom	6.6L 6556 CC 400 CID OHV 16V V8	1971-1972	129
Custom	7.0L 6997 CC 427 CID OHV 16V V8	1964-1965	155
Custom	7.0L 6997 CC 427 CID OHV 16V V8	1964-1968	154



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MODEL	ENGINE	YEAR	BLOCK
Custom	7.0L 6997 CC 427 CID OHV 16V V8	1965-1967	157
Custom	7.0L 6997 CC 427 CID OHV 16V V8	1966-1968	156
Custom	7.0L 7014 CC 428 CID OHV 16V V8	1966-1970	158
Custom	7.0L 7014 CC 428 CID OHV 16V V8; Police	1966-1970	141
Custom	7.0L 7030 CC 429 CID OHV 16V V8	1969-1971	160
Custom	7.0L 7030 CC 429 CID OHV 16V V8	1969-1972	161
Custom	7.0L 7030 CC 429 CID OHV 16V V8; Police	1971-1972	159
Custom	7.5L 7539 CC 460 CID OHV 16V V8	1972	160
Custom 300	3.6L 3655 CC 223 CID OHV 12V L6	1957-1959	68
Custom 300	4.4L 4458 CC 272 CID OHV 16V V8	1957	98
Custom 300	4.8L 4786 CC 292 CID OHV 16V V8	1957-1960	111
Custom 300	5.1L 5114 CC 312 CID OHV 16V V8	1957	118
Custom 300	5.4L 5441 CC 332 CID OHV 16V V8	1958-1959	124
Custom 300	5.4L 5441 CC 332 CID OHV 16V V8	1958-1959	126
Custom 300	5.8L 5769 CC 352 CID OHV 16V V8	1958-1960	140
Custom 300	5.8L 5769 CC 352 CID OHV 16V V8	1960	139
Custom 300	5.9L 5917 CC 361 CID OHV 16V V8	1958-1959	143
Custom 500	3.9L 3933 CC 240 CID OHV 12V L6	1968-1972	78
Custom 500	5.0L 4949 CC 302 CID OHV 16V V8	1968-1974	112
Custom 500	5.0L 4949 CC 302 CID OHV 16V V8	1969-1972	97
Custom 500	5.8L 351 CID OHV 16V V8; Windsor	1975-1977	131
Custom 500	5.8L 351 CID OHV 16V V8; Modified	1975-1977	137
Custom 500	5.8L 5752 CC 351 CID OHV 16V V8; Windsor	1969-1974	136
Custom 500	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland	1970-1974	127
Custom 500	5.8L 5753 CC 351 CID OHV 16V V8; Windsor	1969-1974	136
Custom 500	5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1969-1974	127
Custom 500	6.4L 6391 CC 390 CID OHV 16V V8	1968	148
Custom 500	6.4L 6391 CC 390 CID OHV 16V V8	1968-1970	141
Custom 500	6.4L 6391 CC 390 CID OHV 16V V8	1968-1971	150
Custom 500	6.6L 400 CID OHV 16V V8	1975-1977	129
Custom 500	6.6L 6555 CC 400 CID OHV 16V V8	1971-1974	129
Custom 500	6.6L 6556 CC 400 CID OHV 16V V8	1971-1974	129
Custom 500	7.0L 6997 CC 427 CID OHV 16V V8	1968	156
Custom 500	7.0L 6997 CC 427 CID OHV 16V V8	1968	154
Custom 500	7.0L 7014 CC 428 CID OHV 16V V8	1968-1970	158
Custom 500	7.0L 7014 CC 428 CID OHV 16V V8; Police	1968-1970	141
Custom 500	7.0L 7030 CC 429 CID OHV 16V V8	1969-1971	160
Custom 500	7.0L 7030 CC 429 CID OHV 16V V8	1969-1973	161
Custom 500	7.0L 7030 CC 429 CID OHV 16V V8; Police	1971-1972	159
Custom 500	7.5L 460 CID OHV 16V V8; HO	1975-1976	160
Custom 500	7.5L 460 CID OHV 16V V8	1975-1976	161
Custom 500	7.5L 7539 CC 460 CID OHV 16V V8; Police	1972-1974	160
Customline	3.5L 3524 CC 215 CID OHV 12V L6	1952-1953	67
Customline	3.6L 3655 CC 223 CID OHV 12V L6	1954-1956	68
Customline	3.9L 3924 CC 239 CID L-HEAD 16V V8	1952-1953	93
Customline	4.2L 4186 CC 255 CID L-HEAD 16V V8	1953	94
Customline	4.2L 4196 CC 256 CID OHV 16V V8	1954	96
Customline	4.4L 4458 CC 272 CID OHV 16V V8	1955-1956	98
Customline	4.8L 4786 CC 292 CID OHV 16V V8	1955-1956	111
Customline	4.8L 4786 CC 292 CID OHV 16V V8	1956	98

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MODEL	ENGINE	YEAR	BLOCK
Customline	5.1L 5114 CC 312 CID OHV 16V V8	1956	120
Cyclone	3.3L 3277 CC 200 CID OHV 12V L6	1964	59
Cyclone	4.3L 4261 CC 260 CID OHV 16V V8	1964-1965	97
Cyclone	4.7L 4727 CC 289 CID OHV 16V V8	1964-1967	97
Cyclone	4.7L 4727 CC 289 CID OHV 16V V8	1964-1968	110
Cyclone	5.0L 4949 CC 302 CID OHV 16V V8	1968	97
Cyclone	5.0L 4949 CC 302 CID OHV 16V V8	1968-1971	112
Cyclone	5.8L 5752 CC 351 CID OHV 16V V8; Windsor	1969-1971	136
Cyclone	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland Cobra Jet	1970-1971	127
Cyclone	5.8L 5753 CC 351 CID OHV 16V V8; Windsor	1969-1971	136
Cyclone	5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1969-1971	127
Cyclone	6.4L 6391 CC 390 CID OHV 16V V8; GT	1966-1969	141
Cyclone	6.4L 6391 CC 390 CID OHV 16V V8	1966-1970	150
Cyclone	6.6L 6555 CC 400 CID OHV 16V V8	1971	129
Cyclone	7.0L 6997 CC 427 CID OHV 16V V8	1964-1965	155
Cyclone	7.0L 6997 CC 427 CID OHV 16V V8	1964-1967	154
Cyclone	7.0L 6997 CC 427 CID OHV 16V V8	1966-1968	156
Cyclone	7.0L 7014 CC 428 CID OHV 16V V8; Cobra Jet/Super CJ	1968-1969	158
Cyclone	7.0L 7014 CC 428 CID OHV 16V V8; Police	1968-1969	141
Cyclone	7.0L 7030 CC 429 CID OHV 16V V8	1969	160
Cyclone	7.0L 7030 CC 429 CID OHV 16V V8; Boss	1969-1970	159
Cyclone	7.0L 7030 CC 429 CID OHV 16V V8	1969-1971	161
Del Rio Wagon	3.6L 3655 CC 223 CID OHV 12V L6	1957-1958	68
Del Rio Wagon	4.4L 4458 CC 272 CID OHV 16V V8	1957	98
Del Rio Wagon	4.8L 4786 CC 292 CID OHV 16V V8	1957-1958	111
Del Rio Wagon	5.1L 5114 CC 312 CID OHV 16V V8	1957	118
Del Rio Wagon	5.4L 5441 CC 332 CID OHV 16V V8	1958	124
Del Rio Wagon	5.4L 5441 CC 332 CID OHV 16V V8	1958	126
Del Rio Wagon	5.8L 5769 CC 352 CID OHV 16V V8	1958	140
Del Rio Wagon	5.9L 5917 CC 361 CID OHV 16V V8	1958	143
Deluxe	3.9L 3924 CC 239 CID L-HEAD 16V V8	1946-1948	92
Deluxe	3.9L 3924 CC 239 CID L-HEAD 16V V8	1949-1951	93
E-100 Econoline	2.8L 2786 CC 170 CID OHV 12V L6	1969-1971	44
E-100 Econoline	3.9L 3933 CC 240 CID OHV 12V L6	1969-1974	77
E-100 Econoline	3.9L 3933 CC 240 CID OHV 12V L6	1972-1974	76
E-100 Econoline	4.9L 300 CID OHV 12V L6	1978	86
E-100 Econoline	4.9L 4917 CC 300 CID OHV 12V L6	1972-1982	78
E-100 Econoline	4.9L 4917 CC 300 CID OHV 12V L6	1975-1979	77
E-100 Econoline	4.9L 4917 CC 300 CID OHV 12V L6	1983	87
E-100 Econoline	5.0L 302 CID OHV 16V V8	1975-1979	97
E-100 Econoline	5.0L 302 CID OHV 16V V8	1980-1983	91
E-100 Econoline	5.0L 4949 CC 302 CID OHV 16V V8	1969-1974	97
E-100 Econoline	5.0L 4950 CC 302 CID OHV 16V V8	1969-1974	97
E-100 Econoline	5.8L 351 CID OHV 16V V8; Windsor	1975-1979	131
E-100 Econoline	5.8L 351 CID OHV 16V V8; Windsor	1980-1983	135
E-100 Econoline	6.6L 400 CID OHV 16V V8	1980	129
E-100 Econoline	7.5L 460 CID OHV 16V V8	1978	161
E-100 Econoline Club Wagon	4.9L 4917 CC 300 CID OHV 12V L6	1975-1979	77
E-100 Econoline Club Wagon	4.9L 4917 CC 300 CID OHV 12V L6	1980-1982	78
E-100 Econoline Club Wagon	4.9L 4917 CC 300 CID OHV 12V L6	1983	87



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MODEL	ENGINE	YEAR	BLOCK
E-100 Econoline Club Wagon	5.0L 302 CID OHV 16V V8	1979	97
E-100 Econoline Club Wagon	5.0L 302 CID OHV 16V V8	1980-1983	91
E-100 Econoline Club Wagon	5.8L 351 CID OHV 16V V8; Windsor	1975-1979	131
E-100 Econoline Club Wagon	5.8L 351 CID OHV 16V V8; Windsor	1980-1983	135
E-150	4.2L 256 CID OHV 12V V6; Triton	2003	75
E-150	4.6L 281 CID SOHC 16V V8; Triton (Romeo)	2003-2008	102
E-150	4.6L 281 CID SOHC 16V V8; Triton	2009-2014	103
E-150	5.4L 330 CID SOHC 16V V8; Triton	2003-2013	122
E-150 Club Wagon	4.2L 256 CID OHV 12V V6; Triton	2003	75
E-150 Club Wagon	4.6L 281 CID SOHC 16V V8; Triton (Romeo)	2003-2005	102
E-150 Club Wagon	5.4L 330 CID SOHC 16V V8; Triton	2003-2005	122
E-150 Econoline	4.2L 256 CID OHV 12V V6; Triton	1997-2002	75
E-150 Econoline	4.6L 281 CID SOHC 16V V8; Triton (Windsor)	1997-1999	99
E-150 Econoline	4.6L 281 CID SOHC 16V V8; Triton (Romeo)	1999-2002	102
E-150 Econoline	4.9L 300 CID OHV 12V L6	1978-1985	86
E-150 Econoline	4.9L 4917 CC 300 CID OHV 12V L6	1975-1979	77
E-150 Econoline	4.9L 4917 CC 300 CID OHV 12V L6	1980-1982	78
E-150 Econoline	4.9L 4917 CC 300 CID OHV 12V L6	1983-1985	85
E-150 Econoline	4.9L 4917 CC 300 CID OHV 12V L6	1983-1986	87
E-150 Econoline	4.9L 4917 CC 300 CID OHV 12V L6	1987-1996	89
E-150 Econoline	5.0L 302 CID OHV 16V V8	1975-1996	97
E-150 Econoline	5.0L 302 CID OHV 16V V8	1980-1985	91
E-150 Econoline	5.4L 330 CID SOHC 16V V8; Triton	1997-2008	122
E-150 Econoline	5.4L 330 CID SOHC 16V V8; Triton	1998	99
E-150 Econoline	5.8L 351 CID OHV 16V V8; Windsor	1975-1979	131
E-150 Econoline	5.8L 351 CID OHV 16V V8; Windsor	1980-1985	135
E-150 Econoline	5.8L 351 CID OHV 16V V8; HO	1984-1987	128
E-150 Econoline	5.8L 351 CID OHV 16V V8; HO	1988-1996	134
E-150 Econoline Club Wagon	4.2L 256 CID OHV 12V V6; Triton	1997-2002	75
E-150 Econoline Club Wagon	4.6L 281 CID SOHC 16V V8; Triton (Windsor)	1997-1998	99
E-150 Econoline Club Wagon	4.6L 281 CID SOHC 16V V8; Triton (Romeo)	1999-2002	102
E-150 Econoline Club Wagon	4.9L 4917 CC 300 CID OHV 12V L6	1975-1979	77
E-150 Econoline Club Wagon	4.9L 4917 CC 300 CID OHV 12V L6	1980-1982	78
E-150 Econoline Club Wagon	4.9L 4917 CC 300 CID OHV 12V L6	1983-1986	87
E-150 Econoline Club Wagon	4.9L 4917 CC 300 CID OHV 12V L6	1987-1996	89
E-150 Econoline Club Wagon	5.0L 302 CID OHV 16V V8	1979-1996	97
E-150 Econoline Club Wagon	5.0L 302 CID OHV 16V V8	1980-1985	91
E-150 Econoline Club Wagon	5.4L 330 CID SOHC 16V V8; Triton	1997-2002	122
E-150 Econoline Club Wagon	5.4L 330 CID SOHC 16V V8; Triton	1998	99
E-150 Econoline Club Wagon	5.8L 351 CID OHV 16V V8; Windsor	1975-1979	131
E-150 Econoline Club Wagon	5.8L 351 CID OHV 16V V8; Windsor	1980-1985	135
E-150 Econoline Club Wagon	5.8L 351 CID OHV 16V V8; HO	1984-1987	128
E-150 Econoline Club Wagon	5.8L 351 CID OHV 16V V8; HO	1988-1996	134
E-200 Econoline	4.9L 4917 CC 300 CID OHV 12V L6	1972-1974	78
E-200 Econoline	5.0L 4949 CC 302 CID OHV 16V V8	1970-1974	97
E-200 Econoline	5.0L 4950 CC 302 CID OHV 16V V8	1969-1974	97
E-250	4.2L 256 CID OHV 12V V6; Triton	2003	75
E-250	4.6L 281 CID SOHC 16V V8; Triton (Romeo)	2003-2008	102
E-250	4.6L 281 CID SOHC 16V V8; Triton	2009-2014	103
E-250	5.4L 330 CID SOHC 16V V8; Triton	2003-2005	99

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MODEL	ENGINE	YEAR	BLOCK
E-250	5.4L 330 CID SOHC 16V V8; Triton	2003-2013	122
E-250 Econoline	4.2L 256 CID OHV 12V V6; Triton	1997-2002	75
E-250 Econoline	4.9L 300 CID OHV 12V L6	1978	86
E-250 Econoline	4.9L 4917 CC 300 CID OHV 12V L6	1975-1979	77
E-250 Econoline	4.9L 4917 CC 300 CID OHV 12V L6	1980-1982	78
E-250 Econoline	4.9L 4917 CC 300 CID OHV 12V L6	1982-1985	85
E-250 Econoline	4.9L 4917 CC 300 CID OHV 12V L6	1983-1986	87
E-250 Econoline	4.9L 4917 CC 300 CID OHV 12V L6	1987-1996	89
E-250 Econoline	4.9L 4917 CC 300 CID OHV 12V L6	1995-1996	88
E-250 Econoline	5.0L 302 CID OHV 16V V8	1975-1991	97
E-250 Econoline	5.0L 302 CID OHV 16V V8	1980-1985	91
E-250 Econoline	5.4L 330 CID SOHC 16V V8; Triton	1997-2002	122
E-250 Econoline	5.4L 330 CID SOHC 16V V8; Triton	1997-2002	99
E-250 Econoline	5.8L 351 CID OHV 16V V8; Windsor	1975-1979	131
E-250 Econoline	5.8L 351 CID OHV 16V V8; Modified	1980-1981	129
E-250 Econoline	5.8L 351 CID OHV 16V V8; Windsor	1980-1985	135
E-250 Econoline	5.8L 351 CID OHV 16V V8; HO	1984-1985	128
E-250 Econoline	5.8L 351 CID OHV 16V V8; HO	1988-1996	134
E-250 Econoline	6.6L 400 CID OHV 16V V8	1980	129
E-250 Econoline	7.5L 460 CID OHV 16V V8	1975-1979	161
E-250 Econoline	7.5L 460 CID OHV 16V V8	1980	159
E-250 Econoline Club Wagon	4.9L 4917 CC 300 CID OHV 12V L6	1977-1979	77
E-250 Econoline Club Wagon	4.9L 4917 CC 300 CID OHV 12V L6	1980	78
E-250 Econoline Club Wagon	4.9L 4917 CC 300 CID OHV 12V L6	1983-1986	87
E-250 Econoline Club Wagon	4.9L 4917 CC 300 CID OHV 12V L6	1985	85
E-250 Econoline Club Wagon	4.9L 4917 CC 300 CID OHV 12V L6	1987-1991	89
E-250 Econoline Club Wagon	5.0L 302 CID OHV 16V V8	1979	97
E-250 Econoline Club Wagon	5.0L 302 CID OHV 16V V8	1980	91
E-250 Econoline Club Wagon	5.8L 351 CID OHV 16V V8; Windsor	1975-1979	131
E-250 Econoline Club Wagon	5.8L 351 CID OHV 16V V8; Modified	1980-1981	129
E-250 Econoline Club Wagon	5.8L 351 CID OHV 16V V8; Windsor	1980-1985	135
E-250 Econoline Club Wagon	5.8L 351 CID OHV 16V V8; HO	1985-1987	128
E-250 Econoline Club Wagon	5.8L 351 CID OHV 16V V8; HO	1988-1991	134
E-250 Econoline Club Wagon	6.6L 400 CID OHV 16V V8	1980-1982	129
E-250 Econoline Club Wagon	7.5L 460 CID OHV 16V V8	1975-1979	161
E-250 Econoline Club Wagon	7.5L 460 CID OHV 16V V8	1980-1991	159
E-300 Econoline	4.9L 4917 CC 300 CID OHV 12V L6	1972-1974	78
E-300 Econoline	5.0L 4949 CC 302 CID OHV 16V V8	1970-1973	97
E-300 Econoline	5.0L 4950 CC 302 CID OHV 16V V8	1969-1974	97
E-350 Club Wagon	5.4L 330 CID SOHC 16V V8; Triton	2003-2005	122
E-350 Club Wagon	5.4L 330 CID SOHC 16V V8; Triton	2003-2005	99
E-350 Club Wagon	6.0L 363 CID OHV 32V V8; Power-Stroke	2004-2005	144
E-350 Club Wagon	6.8L 415 CID SOHC 20V V10; Triton	2003-2005	164
E-350 Club Wagon	7.3L 445 CID OHV 16V V8; Power-Stroke	2003	162
E-350 Econoline	4.9L 300 CID OHV 12V L6	1978-1984	86
E-350 Econoline	4.9L 4917 CC 300 CID OHV 12V L6	1975-1982	77
E-350 Econoline	4.9L 4917 CC 300 CID OHV 12V L6	1980-1982	78
E-350 Econoline	4.9L 4917 CC 300 CID OHV 12V L6	1983-1985	85
E-350 Econoline	4.9L 4917 CC 300 CID OHV 12V L6	1983-1986	87
E-350 Econoline	4.9L 4917 CC 300 CID OHV 12V L6	1987-1996	89



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MODEL	ENGINE	YEAR	BLOCK
E-350 Econoline	5.0L 302 CID OHV 16V V8	1975-1979	97
E-350 Econoline	5.0L 302 CID OHV 16V V8	1980-1982	91
E-350 Econoline	5.4L 330 CID SOHC 16V V8; Triton	1997-1998	99
E-350 Econoline	5.4L 330 CID SOHC 16V V8; Triton	1997-1999	122
E-350 Econoline	5.8L 351 CID OHV 16V V8; Windsor	1975-1979	131
E-350 Econoline	5.8L 351 CID OHV 16V V8; Modified	1980-1981	129
E-350 Econoline	5.8L 351 CID OHV 16V V8; Windsor	1980-1985	135
E-350 Econoline	5.8L 351 CID OHV 16V V8; HO	1985-1987	128
E-350 Econoline	5.8L 351 CID OHV 16V V8; HO	1988-1996	134
E-350 Econoline	6.6L 400 CID OHV 16V V8	1980-1982	129
E-350 Econoline	6.8L 415 CID SOHC 20V V10; Triton	1997-1998	164
E-350 Econoline	7.3L 445 CID OHV 16V V8; Power-Stroke	1995-1998	162
E-350 Econoline	7.5L 460 CID OHV 16V V8	1975-1979	161
E-350 Econoline	7.5L 460 CID OHV 16V V8	1980-1996	159
E-350 Econoline Club Wagon	4.9L 300 CID OHV 12V L6	1979	86
E-350 Econoline Club Wagon	4.9L 4917 CC 300 CID OHV 12V L6	1977-1979	77
E-350 Econoline Club Wagon	4.9L 4917 CC 300 CID OHV 12V L6	1980-1982	78
E-350 Econoline Club Wagon	4.9L 4917 CC 300 CID OHV 12V L6	1983-1986	87
E-350 Econoline Club Wagon	4.9L 4917 CC 300 CID OHV 12V L6	1987-1996	89
E-350 Econoline Club Wagon	4.9L 4917 CC 300 CID OHV 12V L6	1996	88
E-350 Econoline Club Wagon	5.0L 302 CID OHV 16V V8	1979	97
E-350 Econoline Club Wagon	5.0L 302 CID OHV 16V V8	1980	91
E-350 Econoline Club Wagon	5.4L 330 CID SOHC 16V V8; Triton	1997-2002	122
E-350 Econoline Club Wagon	5.4L 330 CID SOHC 16V V8; Triton	1997-2002	99
E-350 Econoline Club Wagon	5.8L 351 CID OHV 16V V8; Windsor	1977-1979	131
E-350 Econoline Club Wagon	5.8L 351 CID OHV 16V V8; Modified	1980-1981	129
E-350 Econoline Club Wagon	5.8L 351 CID OHV 16V V8; Windsor	1980-1985	135
E-350 Econoline Club Wagon	5.8L 351 CID OHV 16V V8; HO	1985-1987	128
E-350 Econoline Club Wagon	5.8L 351 CID OHV 16V V8; HO	1988-1996	134
E-350 Econoline Club Wagon	6.6L 400 CID OHV 16V V8	1980-1982	129
E-350 Econoline Club Wagon	6.8L 415 CID SOHC 20V V10; Triton	1997-2002	164
E-350 Econoline Club Wagon	7.3L 445 CID OHV 16V V8; Power-Stroke	1995-2002	162
E-350 Econoline Club Wagon	7.5L 460 CID OHV 16V V8	1977-1979	161
E-350 Econoline Club Wagon	7.5L 460 CID OHV 16V V8	1980-1996	159
E-350 Super Duty	5.4L 330 CID SOHC 16V V8; Triton	1999-2005	99
E-350 Super Duty	5.4L 330 CID SOHC 16V V8; Triton	1999-2014	122
E-350 Super Duty	6.8L 415 CID SOHC 20V V10; Triton	1999-2013	164
E-350 Super Duty	7.3L 445 CID OHV 16V V8; Power-Stroke	1999-2003	162
E-350 Super Duty	5.4L 330 CID SOHC 16V V8; Triton	2015-2016	121
E-350 Super Duty	6.0L 363 CID OHV 32V V8; Power-Stroke	2004-2010	144
E-450 Econoline Super Duty	5.4L 330 CID SOHC 16V V8; Triton	2000-2002	99
E-450 Econoline Super Duty	5.4L 330 CID SOHC 16V V8; Triton	2000-2002	122
E-450 Econoline Super Duty	6.8L 415 CID SOHC 20V V10; Triton	2000-2002	164
E-450 Econoline Super Duty	7.3L 445 CID OHV 16V V8; Power-Stroke	2000-2002	162
E-450 Super Duty	5.4L 330 CID SOHC 16V V8; Triton	2003-2010	122
E-450 Super Duty	6.0L 363 CID OHV 32V V8; Power-Stroke	2004-2010	144
E-450 Super Duty	6.8L 415 CID SOHC 20V V10; Triton	2003-2013	164
E-450 Super Duty	7.3L 445 CID OHV 16V V8; Power-Stroke	2003	162
E-550 Econoline Super Duty	6.8L 415 CID SOHC 20V V10; Triton	2002	164
E-550 Econoline Super Duty	7.3L 445 CID OHV 16V V8; Power-Stroke	2002	162

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MODEL	ENGINE	YEAR	BLOCK
E-550 Super Duty	6.8L 415 CID SOHC 20V V10; Triton	2003	164
E-550 Super Duty	7.3L 445 CID OHV 16V V8; Power-Stroke	2003	162
Econoline	2.8L 2786 CC 170 CID OHV 12V L6	1967	44
Econoline	3.9L 3933 CC 240 CID OHV 12V L6	1965-1967	77
Econoline	4.6L 281 CID SOHC 24V V8	2004-2006	101
Econoline Super Duty	5.4L 330 CID SOHC 16V V8; Triton	1997-1998	122
Econoline Super Duty	5.4L 330 CID SOHC 16V V8; Triton	1999	99
Econoline Super Duty	5.8L 351 CID OHV 16V V8; HO	1996	134
Econoline Super Duty	6.8L 415 CID SOHC 20V V10; Triton	1997-1999	164
Econoline Super Duty	7.3L 445 CID OHV 16V V8; Power-Stroke	1996-1999	162
Econoline Super Duty	7.5L 460 CID OHV 16V V8	1996	159
Econoline Van	4.6L 4601 CC 281 CID SOHC 16V V8	2010-2014	99
Econoline Wagon	4.6L 4601 CC 281 CID SOHC 16V V8	2010-2014	99
Edge	2.0L 1999 CC 122 CID DOHC 16V L4; EcoBoost	2012-2014	24
Edge	2.0L 1999 CC 122 CID DOHC 16V L4; EcoBoost	2015-2017	20
Edge	3.5L 3496 CC 213 CID DOHC 24V V6; Duratec	2007-2012	65
Edge	3.5L 3496 CC 213 CID DOHC 24V V6; Duratec	2007-2014	62
Edge	3.5L 3496 CC 213 CID DOHC 24V V6	2013	61
Edge	3.7L 3726 CC 227 CID DOHC 24V V6; Duratec	2011-2014	62
Elite	5.8L 351 CID OHV 16V V8; Windsor	1975-1976	131
Elite	5.8L 351 CID OHV 16V V8; Modified	1975-1976	137
Elite	6.6L 400 CID OHV 16V V8	1975-1976	129
Elite	7.5L 460 CID OHV 16V V8	1975-1976	161
Escape	2.0L 1989 CC 121 CID DOHC 16V L4; Zetec	2001-2004	18
Escape	2.0L 1999 CC 122 CID DOHC 16V L4; EcoBoost	2013-2016	24
Escape	2.0L 1999 CC 122 CID DOHC 16V L4; EcoBoost	2017	20
Escape	2.3L 140 CID DOHC 16V L4; Duratec	2005-2008	35
Escape	2.3L 140 CID DOHC 16V L4; Duratec	2006-2008	34
Escape	2.5L 2488 CC 152 CID DOHC 16V L4; Duratec	2009-2013	36
Escape	2.5L 2488 CC 152 CID DOHC 16V L4; Duratec	2014-2017	20
Escape	3.0L 2968 CC 181 CID DOHC 24V V6; Duratec	2001-2010	42
Escape	3.0L 2968 CC 181 CID DOHC 24V V6; Duratec	2009-2012	49
Escape	3.0L 183 CID DOHC 24V V6; Duratec	2006	55
Escort	1.6L 1598 CC 98 CID SOHC 8V L4	1981-1985	10
Escort	1.6L 1598 CC 98 CID SOHC 8V L4	1983-1985	11
Escort	1.8L 112 CID DOHC 16V L4 MAZDA	1991-1996	12
Escort	1.9L 116 CID SOHC 8V L4	1985-1986	15
Escort	1.9L 116 CID SOHC 8V L4	1986-1990	16
Escort	1.9L 116 CID SOHC 8V L4	1987-1996	14
Escort	2.0L 1989 CC 121 CID SOHC 8V L4	1997-2002	14
Escort	2.0L 1989 CC 121 CID DOHC 16V L4; Zetec	1998-2003	18
Escort	2.0L 1989 CC 122 CID SOHC 8V L4 MAZDA	1984-1987	21
Excursion	5.4L 330 CID SOHC 16V V8; Triton	2000-2005	122
Excursion	6.0L 363 CID OHV 32V V8; Power-Stroke	2004-2005	144
Excursion	6.8L 415 CID SOHC 20V V10; Triton	2000-2005	164
Excursion	6.8L 415 CID SOHC 20V V10; Triton	2001-2005	165
Excursion	7.3L 445 CID OHV 16V V8; Power-Stroke	2000-2003	162
EXP	1.6L 1598 CC 98 CID SOHC 8V L4	1982-1985	10
EXP	1.6L 1598 CC 98 CID SOHC 8V L4	1983-1984	11
EXP	1.9L 116 CID SOHC 8V L4	1986	15



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MODEL	ENGINE	YEAR	BLOCK
EXP	1.9L 116 CID SOHC 8V L4	1986-1987	16
EXP	1.9L 116 CID SOHC 8V L4	1987-1988	14
Expedition	4.6L 281 CID SOHC 16V V8; Triton (Windsor)	1997-2000	99
Expedition	4.6L 281 CID SOHC 16V V8; Triton (Romeo)	1997-2003	102
Expedition	4.6L 281 CID SOHC 24V V8	1999-2004	101
Expedition	4.6L 281 CID SOHC 16V V8	2004	104
Expedition	5.4L 330 CID SOHC 16V V8; Triton	1997-2008	122
Expedition	5.4L 330 CID SOHC 24V V8; Triton	2005-2013	122
Explorer	2.0L 1999 CC 122 CID DOHC 16V L4; EcoBoost	2014-2015	24
Explorer	2.3L 2300 CC 140 CID DOHC 16V L4; EcoBoost	2016-2017	20
Explorer	3.5L 3496 CC 213 CID DOHC 24V V6; Duratec	2011-2017	62
Explorer	3.5L 3500 CC 214 CID DOHC 24V V6	2011	65
Explorer	4.0L 245 CID OHV 12V V6	1991-2000	82
Explorer	4.0L 245 CID SOHC 12V V6	1997-2010	80
Explorer	4.0L 245 CID SOHC 12V V6	2002-2006	79
Explorer	4.6L 281 CID SOHC 16V V8; Triton (Romeo)	2002-2005	102
Explorer	4.6L 281 CID SOHC 24V V8	2002-2007	101
Explorer	4.6L 281 CID SOHC 16V V8	2005	104
Explorer	4.6L 281 CID SOHC 24V V8	2006-2010	106
Explorer	4.6L 4605 CC 281 CID SOHC 24V V8	2010	105
Explorer	5.0L 302 CID OHV 16V V8	1996-2001	97
Explorer	5.0L 302 CID OHV 16V V8	1997-2001	114
Explorer Sport Trac	4.0L 245 CID SOHC 12V V6	2001-2010	80
Explorer Sport Trac	4.6L 281 CID SOHC 24V V8	2007	101
Explorer Sport Trac	4.6L 281 CID SOHC 24V V8	2007-2010	106
F1	3.5L 3524 CC 215 CID OHV 12V L6	1951-1952	67
F1	3.9L 3924 CC 239 CID L-HEAD 16V V8	1948-1952	92
F1	4.2L 4186 CC 255 CID L-HEAD 16V V8	1948-1952	94
F-100	3.8L 232 CID OHV 12V V6	1982-1983	70
F-100	4.2L 255 CID OHV 16V V8	1981-1982	95
F-100	4.9L 300 CID OHV 12V L6	1978	86
F-100	4.9L 4917 CC 300 CID OHV 12V L6	1965-1982	78
F-100	4.9L 4917 CC 300 CID OHV 12V L6	1975-1979	77
F-100	4.9L 4917 CC 300 CID OHV 12V L6	1982	85
F-100	4.9L 4917 CC 300 CID OHV 12V L6	1983	87
F-100	5.0L 302 CID OHV 16V V8	1975-1979	97
F-100	5.0L 302 CID OHV 16V V8	1980-1983	91
F-100	5.8L 351 CID OHV 16V V8; Windsor	1977-1979	131
F-100	5.8L 351 CID OHV 16V V8; Modified	1977-1979	137
F-100	5.9L 360 CID OHV 16V V8	1975-1976	141
F-100	6.4L 390 CID OHV 16V V8	1975-1976	141
F-100	6.6L 400 CID OHV 16V V8	1977-1979	129
F-100	7.5L 460 CID OHV 16V V8	1979	159
F-100	3.5L 3524 CC 215 CID OHV 12V L6	1953	67
F-100	3.6L 3655 CC 223 CID OHV 12V L6	1954-1959	68
F-100	3.6L 3655 CC 223 CID OHV 12V L6	1960-1964	67
F-100	3.9L 3924 CC 239 CID L-HEAD 16V V8	1953	92
F-100	3.9L 3933 CC 240 CID OHV 12V L6	1965-1974	76
F-100	3.9L 3933 CC 240 CID OHV 12V L6	1966-1974	77
F-100	4.2L 4186 CC 255 CID L-HEAD 16V V8	1953-1954	94

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MODEL	ENGINE	YEAR	BLOCK
F-100	4.3L 4294 CC 262 CID OHV 12V L6	1961-1964	84
F-100	4.4L 4458 CC 272 CID OHV 16V V8	1956-1957	98
F-100	4.8L 4786 CC 292 CID OHV 16V V8	1958-1964	98
F-100	4.8L 4786 CC 292 CID OHV 16V V8	1958-1964	111
F-100	5.0L 4949 CC 302 CID OHV 16V V8	1969-1974	97
F-100	5.0L 4950 CC 302 CID OHV 16V V8	1969-1974	97
F-100	5.4L 5441 CC 332 CID OHV 16V V8	1960-1963	125
F-100	5.8L 5769 CC 352 CID OHV 16V V8	1958-1959	140
F-100	5.8L 5769 CC 352 CID OHV 16V V8	1965-1967	138
F-100	5.9L 5899 CC 360 CID OHV 16V V8	1968-1974	142
F-100	5.9L 5900 CC 360 CID OHV 16V V8	1968-1974	141
F-100	6.4L 6391 CC 390 CID OHV 16V V8	1968-1974	150
F-100	6.4L 6391 CC 390 CID OHV 16V V8	1974	141
F-100	6.4L 6392 CC 390 CID OHV 16V V8	1968-1974	141
F-100	7.5L 7539 CC 460 CID OHV 16V V8	1973-1974	159
F-150	3.5L 3496 CC 213 CID DOHC 24V V6; EcoBoost	2011-2014	64
F-150	3.5L 3496 CC 213 CID DOHC 24V V6; EcoBoost	2011-2014	62
F-150	3.5L 3496 CC 213 CID DOHC 24V V6; Duratec	2015-2017	61
F-150	3.7L 3700 CC 226 CID DOHC 24V V6	2011	65
F-150	3.7L 3726 CC 227 CID DOHC 24V V6	2011-2014	62
F-150	4.2L 256 CID OHV 12V V6	1997-2008	75
F-150	4.6L 281 CID SOHC 16V V8; Triton (Romeo)	1997-2003	102
F-150	4.6L 281 CID SOHC 16V V8; Triton (Windsor)	1997-2003	99
F-150	4.6L 281 CID SOHC 16V V8; Triton	2004-2010	100
F-150	4.6L 281 CID SOHC 24V V8; Triton	2009-2010	106
F-150	4.9L 300 CID OHV 12V L6	1978-1985	86
F-150	4.9L 4917 CC 300 CID OHV 12V L6	1975-1979	77
F-150	4.9L 4917 CC 300 CID OHV 12V L6	1980-1982	78
F-150	4.9L 4917 CC 300 CID OHV 12V L6	1983-1986	87
F-150	4.9L 4917 CC 300 CID OHV 12V L6	1984-1985	85
F-150	4.9L 4917 CC 300 CID OHV 12V L6	1987-1996	89
F-150	4.9L 4917 CC 300 CID OHV 12V L6	1995-1996	88
F-150	5.0L 302 CID OHV 16V V8	1975-1996	97
F-150	5.0L 302 CID OHV 16V V8	1980-1985	91
F-150	5.0L 4951 CC 302 CID DOHC 32V V8	2011-2016	116
F-150	5.0L 4951 CC 302 CID SOHC 32V V8	2013	115
F-150	5.0L 4951 CC 302 CID DOHC 32V V8	2016	115
F-150	5.0L 5000 CC 305 CID DOHC 32V V8	2011-2012	117
F-150	5.4L 330 CID SOHC 16V V8; Triton	1997-2003	122
F-150	5.4L 330 CID SOHC 16V V8; Triton	1998-2003	99
F-150	5.4L 330 CID SOHC 24V V8; Triton	2004-2010	122
F-150	5.8L 351 CID OHV 16V V8; Windsor	1977-1979	131
F-150	5.8L 351 CID OHV 16V V8; Modified	1977-1979	137
F-150	5.8L 351 CID OHV 16V V8; Modified	1980-1981	129
F-150	5.8L 351 CID OHV 16V V8; Windsor	1980-1985	135
F-150	5.8L 351 CID OHV 16V V8; HO	1984-1987	128
F-150	5.8L 351 CID OHV 16V V8; Windsor	1988-1996	134
F-150	5.9L 360 CID OHV 16V V8	1975-1976	141
F-150	6.2L 6210 CC 379 CID SOHC 16V V8	2010-2014	145
F-150	6.4L 390 CID OHV 16V V8	1975-1976	141



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MODEL	ENGINE	YEAR	BLOCK
F-150	6.6L 400 CID OHV 16V V8	1977-1979	129
F-150	7.5L 460 CID OHV 16V V8	1975-1979	159
F-150	7.5L 460 CID OHV 16V V8	1979	161
F-150 Heritage	4.2L 256 CID OHV 12V V6; Triton	2004	75
F-150 Heritage	4.6L 281 CID SOHC 16V V8; Triton (Romeo)	2004	102
F-150 Heritage	5.4L 330 CID SOHC 16V V8; Triton	2004	99
F2	3.5L 3524 CC 215 CID OHV 12V L6	1951-1952	67
F2	3.9L 3924 CC 239 CID L-HEAD 16V V8	1948-1952	92
F2	4.2L 4186 CC 255 CID L-HEAD 16V V8	1948-1952	94
F-250	4.6L 281 CID SOHC 16V V8; Triton (Romeo)	1997-1999	102
F-250	4.6L 281 CID SOHC 16V V8; Triton (Windsor)	1997-1999	99
F-250	4.6L 281 CID SOHC 24V V8	1998-2009	101
F-250	4.9L 300 CID OHV 12V L6	1978-1985	86
F-250	4.9L 4917 CC 300 CID OHV 12V L6	1965-1982	78
F-250	4.9L 4917 CC 300 CID OHV 12V L6	1975-1979	77
F-250	4.9L 4917 CC 300 CID OHV 12V L6	1982-1985	85
F-250	4.9L 4917 CC 300 CID OHV 12V L6	1983-1986	87
F-250	4.9L 4917 CC 300 CID OHV 12V L6	1987-1996	89
F-250	4.9L 4917 CC 300 CID OHV 12V L6	1995-1996	88
F-250	5.0L 302 CID OHV 16V V8	1977-1996	97
F-250	5.0L 302 CID OHV 16V V8	1980-1985	91
F-250	5.4L 330 CID SOHC 16V V8; Triton	1997-1999	99
F-250	5.4L 330 CID SOHC 16V V8; Triton	1997-2001	122
F-250	5.8L 351 CID OHV 16V V8; Windsor	1977-1979	131
F-250	5.8L 351 CID OHV 16V V8; Modified	1977-1979	137
F-250	5.8L 351 CID OHV 16V V8; Modified	1980-1981	129
F-250	5.8L 351 CID OHV 16V V8; Windsor	1980-1985	135
F-250	5.8L 351 CID OHV 16V V8; HO	1984-1987	128
F-250	5.8L 351 CID OHV 16V V8; HO	1988-1996	134
F-250	5.8L 5752 CC 351 CID SOHC 16V V8	1997	131
F-250	5.9L 360 CID OHV 16V V8	1975-1976	141
F-250	6.4L 390 CID OHV 16V V8	1975-1976	141
F-250	6.6L 400 CID OHV 16V V8	1977-1982	129
F-250	7.3L 445 CID OHV 16V V8; Power-Stroke	1994-1996	162
F-250	7.5L 460 CID OHV 16V V8	1975-1996	159
F-250	7.5L 460 CID OHV 16V V8	1979	161
F-250	3.5L 3524 CC 215 CID OHV 12V L6	1953	67
F-250	3.6L 3655 CC 223 CID OHV 12V L6	1954-1959	68
F-250	3.6L 3655 CC 223 CID OHV 12V L6	1960-1964	67
F-250	3.9L 3924 CC 239 CID L-HEAD 16V V8	1953	92
F-250	3.9L 3933 CC 240 CID OHV 12V L6	1965-1974	76
F-250	3.9L 3933 CC 240 CID OHV 12V L6	1966-1974	77
F-250	4.2L 4186 CC 255 CID L-HEAD 16V V8	1953-1954	94
F-250	4.3L 4294 CC 262 CID OHV 12V L6	1961-1964	84
F-250	4.4L 4458 CC 272 CID OHV 16V V8	1956-1958	98
F-250	4.8L 4786 CC 292 CID OHV 16V V8	1958-1964	98
F-250	4.8L 4786 CC 292 CID OHV 16V V8	1958-1964	111
F-250	5.0L 4949 CC 302 CID OHV 16V V8	1969-1974	97
F-250	5.0L 4950 CC 302 CID OHV 16V V8	1972-1974	97
F-250	5.4L 5441 CC 332 CID OHV 16V V8	1960-1963	125

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MODEL	ENGINE	YEAR	BLOCK
F-250	5.8L 5769 CC 352 CID OHV 16V V8	1958-1959	140
F-250	5.8L 5769 CC 352 CID OHV 16V V8	1965-1967	138
F-250	5.9L 5899 CC 360 CID OHV 16V V8	1968-1974	142
F-250	5.9L 5900 CC 360 CID OHV 16V V8	1968-1974	141
F-250	6.4L 6391 CC 390 CID OHV 16V V8	1968-1974	150
F-250	6.4L 6391 CC 390 CID OHV 16V V8	1974	141
F-250	6.4L 6392 CC 390 CID OHV 16V V8	1968-1974	141
F-250	7.5L 7539 CC 460 CID OHV 16V V8	1973-1974	160
F-250	7.5L 7539 CC 460 CID OHV 16V V8	1973-1974	159
F-250 HD	5.8L 351 CID OHV 16V V8; HO	1997	134
F-250 HD	7.3L 445 CID OHV 16V V8; Power-Stroke	1997	162
F-250 HD	7.5L 460 CID OHV 16V V8	1997	159
F-250 Super Duty	5.4L 330 CID SOHC 16V V8; Triton	1999-2004	122
F-250 Super Duty	5.4L 330 CID SOHC 24V V8; Triton	2005-2010	122
F-250 Super Duty	6.0L 363 CID OHV 32V V8; Power-Stroke	2004-2007	144
F-250 Super Duty	6.2L 6210 CC 379 CID SOHC 16V V8	2011-2016	145
F-250 Super Duty	6.4L 391 CID OHV 32V V8; Power-Stroke	2008-2010	151
F-250 Super Duty	6.7L 6651 CC 406 CID OHV 32V V8; Power-Stroke	2011-2016	153
F-250 Super Duty	6.8L 415 CID SOHC 20V V10; Triton	1999-2004	164
F-250 Super Duty	6.8L 415 CID SOHC 30V V10; Triton	2005-2010	164
F-250 Super Duty	7.3L 445 CID OHV 16V V8; Power-Stroke	1999-2003	162
F3	3.5L 3524 CC 215 CID OHV 12V L6	1951-1952	67
F3	3.9L 3924 CC 239 CID L-HEAD 16V V8	1948-1952	92
F3	4.2L 4186 CC 255 CID L-HEAD 16V V8	1948-1952	94
F-350	4.9L 300 CID OHV 12V L6	1978-1985	86
F-350	4.9L 4917 CC 300 CID OHV 12V L6	1965-1982	78
F-350	4.9L 4917 CC 300 CID OHV 12V L6	1975-1979	77
F-350	4.9L 4917 CC 300 CID OHV 12V L6	1982-1985	85
F-350	4.9L 4917 CC 300 CID OHV 12V L6	1983-1986	87
F-350	4.9L 4917 CC 300 CID OHV 12V L6	1987-1996	89
F-350	5.0L 302 CID OHV 16V V8	1975-1978	97
F-350	5.0L 302 CID OHV 16V V8	1980	91
F-350	5.4L 330 CID SOHC 16V V8; Triton	2005-2009	122
F-350	5.8L 351 CID OHV 16V V8; Modified	1977-1979	137
F-350	5.8L 351 CID OHV 16V V8; Windsor	1977-1996	131
F-350	5.8L 351 CID OHV 16V V8; Modified	1980-1981	129
F-350	5.8L 351 CID OHV 16V V8; Windsor	1980-1985	135
F-350	5.8L 351 CID OHV 16V V8; HO	1984-1987	128
F-350	5.8L 351 CID OHV 16V V8; HO	1988-1997	134
F-350	5.9L 360 CID OHV 16V V8	1975-1976	141
F-350	6.4L 390 CID OHV 16V V8	1975-1976	141
F-350	6.6L 400 CID OHV 16V V8	1977-1982	129
F-350	7.3L 445 CID OHV 16V V8; Power-Stroke	1994-1997	162
F-350	7.5L 460 CID OHV 16V V8	1975-1997	159
F-350	3.5L 3524 CC 215 CID OHV 12V L6	1953	67
F-350	3.6L 3655 CC 223 CID OHV 12V L6	1954-1959	68
F-350	3.6L 3655 CC 223 CID OHV 12V L6	1960-1964	67
F-350	3.9L 3924 CC 239 CID L-HEAD 16V V8	1953	92
F-350	3.9L 3933 CC 240 CID OHV 12V L6	1965-1974	76
F-350	3.9L 3933 CC 240 CID OHV 12V L6	1966-1974	77



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MODEL	ENGINE	YEAR	BLOCK
F-350	4.2L 4186 CC 255 CID L-HEAD 16V V8	1953-1954	94
F-350	4.3L 4294 CC 262 CID OHV 12V L6	1961-1964	84
F-350	4.4L 4458 CC 272 CID OHV 16V V8	1956-1958	98
F-350	4.8L 4786 CC 292 CID OHV 16V V8	1958-1964	98
F-350	4.8L 4786 CC 292 CID OHV 16V V8	1958-1964	111
F-350	5.0L 4949 CC 302 CID OHV 16V V8	1972-1974	97
F-350	5.0L 4950 CC 302 CID OHV 16V V8	1972-1974	97
F-350	5.4L 5441 CC 332 CID OHV 16V V8	1960-1963	125
F-350	5.8L 5769 CC 352 CID OHV 16V V8	1958-1959	140
F-350	5.8L 5769 CC 352 CID OHV 16V V8	1965-1967	138
F-350	5.9L 5899 CC 360 CID OHV 16V V8	1968-1974	142
F-350	5.9L 5900 CC 360 CID OHV 16V V8	1968-1974	141
F-350	6.4L 6391 CC 390 CID OHV 16V V8	1968-1974	150
F-350	6.4L 6391 CC 390 CID OHV 16V V8	1974	141
F-350	6.4L 6392 CC 390 CID OHV 16V V8	1968-1974	141
F-350	7.5L 7539 CC 460 CID OHV 16V V8	1973-1974	160
F-350	7.5L 7539 CC 460 CID OHV 16V V8	1973-1974	159
F-350 Super Duty	5.4L 330 CID SOHC 16V V8; Triton	1999-2009	122
F-350 Super Duty	5.4L 330 CID SOHC 24V V8; Triton	2005-2010	122
F-350 Super Duty	6.0L 363 CID OHV 32V V8; Power-Stroke	2004-2007	144
F-350 Super Duty	6.2L 6210 CC 379 CID SOHC 16V V8	2011-2016	145
F-350 Super Duty	6.4L 391 CID OHV 32V V8; Power-Stroke	2008-2010	151
F-350 Super Duty	6.7L 6651 CC 406 CID OHV 32V V8; Power-Stroke	2011-2016	153
F-350 Super Duty	6.8L 415 CID SOHC 20V V10; Triton	1999-2004	164
F-350 Super Duty	6.8L 415 CID SOHC 30V V10; Triton	2005-2010	164
F-350 Super Duty	7.3L 445 CID OHV 16V V8; Power-Stroke	1999-2003	162
F4	3.5L 3524 CC 215 CID OHV 12V L6	1951-1952	67
F4	3.9L 3924 CC 239 CID L-HEAD 16V V8	1948-1952	92
F4	4.2L 4186 CC 255 CID L-HEAD 16V V8	1948-1952	94
F-450 Super Duty	6.7L 6700 CC 409 CID OHV 32V V8	2011-2014	153
F-450 Super Duty	6.8L 415 CID SOHC 20V V10; Triton	1998-2009	165
F-450 Super Duty	7.5L 460 CID OHV 16V V8	1997	163
F-450 Super Duty	6.0L 363 CID OHV 32V V8; Power-Stroke	2004-2007	144
F-450 Super Duty	6.4L 391 CID OHV 32V V8; Power-Stroke	2008-2010	151
F-450 Super Duty	6.7L 6651 CC 406 CID OHV 32V V8; Power-Stroke	2011-2016	153
F-450 Super Duty	6.8L 415 CID SOHC 20V V10; Triton	1999-2004	164
F-450 Super Duty	6.8L 415 CID SOHC 30V V10; Triton	2005-2013	164
F-450 Super Duty	7.3L 445 CID OHV 16V V8; Power-Stroke	1999-2003	162
F-500	5.9L 360 CID OHV 16V V8	1975-1977	141
F-500	6.4L 390 CID OHV 16V V8	1975-1977	141
F53	6.8L 415 CID SOHC 20V V10; Triton	1999-2004	164
F53	6.8L 415 CID SOHC 30V V10; Triton	2006-2009	164
F53	6.8L 415 CID SOHC 30V V10; Triton	2011-2013	165
F53	7.5L 460 CID OHV 16V V8	1988-1997	159
F-550 Super Duty	6.7L 6700 CC 409 CID OHV 32V V8	2011-2014	153
F-550 Super Duty	6.0L 363 CID OHV 32V V8; Power-Stroke	2004-2007	144
F-550 Super Duty	6.4L 391 CID OHV 32V V8; Power-Stroke	2010	151
F-550 Super Duty	6.7L 6651 CC 406 CID OHV 32V V8; Power-Stroke	2011-2016	153
F-550 Super Duty	6.8L 415 CID SOHC 20V V10; Triton	1999-2004	164
F-550 Super Duty	6.8L 415 CID SOHC 20V V10; Triton	2003-2009	165



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MODEL	ENGINE	YEAR	BLOCK
F-550 Super Duty	6.8L 415 CID SOHC 30V V10; Triton	2005-2013	164
F-550 Super Duty	6.8L 415 CID SOHC 30V V10; Triton	2014-2016	165
F-550 Super Duty	6.8L 415 CID SOHC 30V V10; Triton	2016	166
F-550 Super Duty	7.3L 445 CID OHV 16V V8; Power-Stroke	1999-2003	162
F59	7.3L 445 CID OHV 16V V8; Power-Stroke	1994-1997	162
Fairlane	2.8L 2786 CC 170 CID OHV 12V L6	1963-1966	44
Fairlane	3.3L 3277 CC 200 CID OHV 12V L6	1963-1969	59
Fairlane	3.3L 3278 CC 200 CID OHV 12V L6	1968-1969	57
Fairlane	3.6L 3622 CC 221 CID OHV 16V V8	1962-1963	91
Fairlane	3.6L 3655 CC 223 CID OHV 12V L6	1955-1959	68
Fairlane	4.1L 4097 CC 250 CID OHV 12V L6	1969-1970	83
Fairlane	4.1L 4098 CC 250 CID OHV 12V L6	1969-1970	83
Fairlane	4.3L 4261 CC 260 CID OHV 16V V8	1962-1964	97
Fairlane	4.4L 4458 CC 272 CID OHV 16V V8	1955-1957	98
Fairlane	4.7L 4727 CC 289 CID OHV 16V V8	1963-1967	97
Fairlane	4.7L 4727 CC 289 CID OHV 16V V8	1963-1967	110
Fairlane	4.8L 4786 CC 292 CID OHV 16V V8	1955-1961	111
Fairlane	4.8L 4786 CC 292 CID OHV 16V V8	1956	98
Fairlane	5.0L 4949 CC 302 CID OHV 16V V8	1968-1970	112
Fairlane	5.1L 5114 CC 312 CID OHV 16V V8	1956	120
Fairlane	5.1L 5114 CC 312 CID OHV 16V V8	1957	118
Fairlane	5.4L 5441 CC 332 CID OHV 16V V8	1958-1959	124
Fairlane	5.4L 5441 CC 332 CID OHV 16V V8	1958-1959	126
Fairlane	5.8L 5752 CC 351 CID OHV 16V V8; Windsor	1969-1970	136
Fairlane	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland	1970	127
Fairlane	5.8L 5753 CC 351 CID OHV 16V V8; Windsor	1969-1970	136
Fairlane	5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1969-1970	127
Fairlane	5.8L 5769 CC 352 CID OHV 16V V8	1958-1963	140
Fairlane	5.8L 5769 CC 352 CID OHV 16V V8	1960-1961	139
Fairlane	5.8L 5769 CC 352 CID OHV 16V V8	1964-1966	138
Fairlane	5.9L 5917 CC 361 CID OHV 16V V8	1958-1959	143
Fairlane	6.4L 6391 CC 390 CID OHV 16V V8	1961-1962	146
Fairlane	6.4L 6391 CC 390 CID OHV 16V V8	1961-1968	148
Fairlane	6.4L 6391 CC 390 CID OHV 16V V8	1966-1970	150
Fairlane	6.4L 6391 CC 390 CID OHV 16V V8; GT	1966-1970	141
Fairlane	7.0L 6997 CC 427 CID OHV 16V V8	1964-1967	154
Fairlane	7.0L 6997 CC 427 CID OHV 16V V8	1966-1969	156
Fairlane	7.0L 7014 CC 428 CID OHV 16V V8; Cobra Jet/Super CJ	1968-1970	158
Fairlane	7.0L 7014 CC 428 CID OHV 16V V8; Police	1969-1970	141
Fairlane	7.0L 7030 CC 429 CID OHV 16V V8	1970	161
Fairmont	2.3L 140 CID SOHC 8V L4	1978-1983	28
Fairmont	3.3L 200 CID OHV 12V L6	1978-1979	60
Fairmont	3.3L 200 CID OHV 12V L6	1980-1983	58
Fairmont	4.2L 255 CID OHV 16V V8	1980-1982	95
Fairmont	5.0L 302 CID OHV 16V V8	1978-1979	91
Falcon	2.4L 2360 CC 144 CID OHV 12V L6	1960-1964	40
Falcon	2.8L 2786 CC 170 CID OHV 12V L6	1960-1969	44
Falcon	3.3L 3277 CC 200 CID OHV 12V L6	1964-1970	59
Falcon	3.3L 3278 CC 200 CID OHV 12V L6	1968-1970	57
Falcon	3.6L 3622 CC 221 CID OHV 16V V8	1962-1963	91



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MODEL	ENGINE	YEAR	BLOCK
Falcon	4.1L 4097 CC 250 CID OHV 12V L6	1970	83
Falcon	4.1L 4098 CC 250 CID OHV 12V L6	1970	83
Falcon	4.3L 4261 CC 260 CID OHV 16V V8	1962-1965	97
Falcon	4.7L 4727 CC 289 CID OHV 16V V8	1964-1967	97
Falcon	4.7L 4727 CC 289 CID OHV 16V V8	1964-1968	110
Falcon	5.0L 4949 CC 302 CID OHV 16V V8	1968	97
Falcon	5.0L 4949 CC 302 CID OHV 16V V8	1968-1970	112
Falcon	5.8L 5752 CC 351 CID OHV 16V V8; Windsor	1969-1970	136
Falcon	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland	1970	127
Falcon	5.8L 5753 CC 351 CID OHV 16V V8; Windsor	1970	136
Falcon	5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1970	127
Falcon	7.0L 7030 CC 429 CID OHV 16V V8	1970	161
Falcon Sedan Delivery	2.4L 2360 CC 144 CID OHV 12V L6	1961-1964	40
Falcon Sedan Delivery	2.8L 2786 CC 170 CID OHV 12V L6	1961-1965	44
Falcon Sedan Delivery	3.3L 3277 CC 200 CID OHV 12V L6	1964-1965	59
Falcon Sedan Delivery	4.3L 4261 CC 260 CID OHV 16V V8	1963-1964	97
Falcon Sedan Delivery	4.7L 4727 CC 289 CID OHV 16V V8	1965	110
Festiva	1.3L 1295 CC SOHC 8V L4 MAZDA	1988-1993	3
Fiesta	1.3L 1299 CC 79 CID SOHC 8V L4	1998-2000	4
Fiesta	1.6L 1596 CC 97 CID SOHC 8V L4	2001	6
Fiesta	1.6L 1596 CC 97 CID SOHC 8V L4	2003-2004	4
Fiesta	1.6L 1598 CC 98 CID OHV 8V L4	1978-1980	9
Fiesta Ikon	1.6L 1596 CC 97 CID SOHC 8V L4	2002-2004	6
Fiesta Ikon	1.6L 1596 CC 97 CID SOHC 8V L4	2003-2004	4
Five Hundred	3.0L 2968 CC 181 CID DOHC 24V V6; Duratec	2005-2007	42
Five Hundred	3.0L 183 CID DOHC 24V V6; Duratec	2006-2007	42
Flex	3.5L 3496 CC 213 CID DOHC 24V V6; Duratec	2009-2017	62
Flex	3.5L 3496 CC 213 CID DOHC 24V V6; EcoBoost	2014	64
Focus	2.0L 121 CID DOHC 16V L4; Duratec	2005-2011	19
Focus	2.0L 121 CID DOHC 16V L4; Duratec	2012	20
Focus	2.0L 1989 CC 121 CID SOHC 8V L4	2000-2004	14
Focus	2.0L 1989 CC 121 CID DOHC 16V L4; Zetec	2000-2004	18
Focus	2.0L 1997 CC 122 CID DOHC 16V L4	2013	20
Focus	2.0L 1999 CC 122 CID DOHC 16V L4; PZEV	2013-2016	20
Focus	2.0L 1999 CC 122 CID DOHC 16V L4; EcoBoost	2013-2016	24
Focus	2.3L 140 CID DOHC 16V L4	2003-2007	35
Ford	3.9L 3924 CC 239 CID L-HEAD 16V V8	1949	93
Ford 300	3.3L 3277 CC 200 CID OHV 12V L6	1963	59
Ford 300	3.6L 3655 CC 223 CID OHV 12V L6	1963	69
Ford 300	4.3L 4261 CC 260 CID OHV 16V V8	1963	97
Ford 300	4.7L 4727 CC 289 CID OHV 16V V8	1963	110
Ford 300	5.8L 5769 CC 352 CID OHV 16V V8	1963	140
Ford 300	6.4L 6391 CC 390 CID OHV 16V V8	1963	147
Ford 300	6.4L 6391 CC 390 CID OHV 16V V8	1963	149
Ford 300	6.4L 6391 CC 390 CID OHV 16V V8	1963	148
Ford 300	6.6L 6654 CC 406 CID OHV 16V V8	1963	152
Ford 300	6.6L 6654 CC 406 CID OHV 16V V8	1963	146
Ford 300	7.0L 6997 CC 427 CID OHV 16V V8	1963	155
Ford 300	7.0L 6997 CC 427 CID OHV 16V V8	1963	154
Freestar	3.9L 238 CID OHV 12V V6	2004-2007	75

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MODEL	ENGINE	YEAR	BLOCK
Freestar	4.2L 256 CID OHV 12V V6	2004-2007	75
Freestyle	3.0L 2968 CC 181 CID DOHC 24V V6; Duratec	2005-2007	42
F Series	3.6L 3655 CC 223 CID OHV 12V L6	1957-1959	68
F Series	4.4L 4458 CC 272 CID OHV 16V V8	1957	98
F Series	4.8L 4786 CC 292 CID OHV 16V V8	1958-1959	111
F Series	4.8L 4786 CC 292 CID OHV 16V V8	1958-1959	98
F Series	5.8L 5769 CC 352 CID OHV 16V V8	1958-1959	140
F Super Duty	7.3L 445 CID OHV 16V V8; Power-Stroke	1995-1997	162
F Super Duty	7.5L 460 CID OHV 16V V8	1988-1997	159
Fusion	2.0L 1999 CC 122 CID DOHC 16V L4; EcoBoost	2013-2016	24
Fusion	2.0L 1999 CC 122 CID DOHC 16V L4; EcoBoost	2013-2017	20
Fusion	2.0L 2000 CC 122 CID DOHC 16V L4	2013	24
Fusion	2.3L 140 CID DOHC 16V L4; Duratec	2006-2009	35
Fusion	2.5L 2488 CC 152 CID DOHC 16V L4; Duratec	2010-2016	36
Fusion	2.5L 2488 CC 152 CID DOHC 16V L4; i-VCT	2017	20
Fusion	3.0L 2968 CC 181 CID DOHC 24V V6; Duratec	2006-2009	42
Fusion	3.0L 2968 CC 181 CID DOHC 24V V6; Duratec	2010-2012	49
Fusion	3.5L 3496 CC 213 CID DOHC 24V V6; Duratec	2010-2012	62
Fusion	3.5L 3500 CC 214 CID DOHC 24V V6	2011	66
Galaxie	3.3L 3277 CC 200 CID OHV 12V L6	1963	59
Galaxie	3.6L 3655 CC 223 CID OHV 12V L6	1959-1961	68
Galaxie	3.6L 3655 CC 223 CID OHV 12V L6	1960-1964	69
Galaxie	3.9L 3933 CC 240 CID OHV 12V L6	1965-1967	78
Galaxie	4.3L 4261 CC 260 CID OHV 16V V8	1963-1964	97
Galaxie	4.7L 4727 CC 289 CID OHV 16V V8	1963-1967	110
Galaxie	4.7L 4727 CC 289 CID OHV 16V V8	1964-1965	97
Galaxie	4.8L 4786 CC 292 CID OHV 16V V8	1959-1962	111
Galaxie	5.4L 5441 CC 332 CID OHV 16V V8	1959	124
Galaxie	5.4L 5441 CC 332 CID OHV 16V V8	1959	126
Galaxie	5.8L 5769 CC 352 CID OHV 16V V8	1959-1963	140
Galaxie	5.8L 5769 CC 352 CID OHV 16V V8	1960	139
Galaxie	5.8L 5769 CC 352 CID OHV 16V V8	1964-1967	138
Galaxie	5.9L 5917 CC 361 CID OHV 16V V8	1959	143
Galaxie	6.4L 6391 CC 390 CID OHV 16V V8	1961-1962	146
Galaxie	6.4L 6391 CC 390 CID OHV 16V V8	1961-1967	147
Galaxie	6.4L 6391 CC 390 CID OHV 16V V8	1961-1967	148
Galaxie	6.4L 6391 CC 390 CID OHV 16V V8	1963-1965	149
Galaxie	6.4L 6391 CC 390 CID OHV 16V V8	1964-1967	150
Galaxie	6.6L 6654 CC 406 CID OHV 16V V8	1962-1963	152
Galaxie	6.6L 6654 CC 406 CID OHV 16V V8	1962-1963	146
Galaxie	7.0L 6997 CC 427 CID OHV 16V V8	1963-1965	155
Galaxie	7.0L 6997 CC 427 CID OHV 16V V8	1963-1967	154
Galaxie	7.0L 6997 CC 427 CID OHV 16V V8	1965-1967	157
Galaxie	7.0L 6997 CC 427 CID OHV 16V V8	1966-1967	156
Galaxie	7.0L 7014 CC 428 CID OHV 16V V8	1966-1967	158
Galaxie	7.0L 7014 CC 428 CID OHV 16V V8; Police	1966-1967	141
Galaxie 500	3.9L 3933 CC 240 CID OHV 12V L6	1968-1972	78
Galaxie 500	5.0L 4949 CC 302 CID OHV 16V V8	1968-1974	112
Galaxie 500	5.0L 4949 CC 302 CID OHV 16V V8	1969-1972	97
Galaxie 500	5.8L 5752 CC 351 CID OHV 16V V8; Windsor	1969-1974	136



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MODEL	ENGINE	YEAR	BLOCK
Galaxie 500	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland	1970-1974	127
Galaxie 500	5.8L 5753 CC 351 CID OHV 16V V8; Windsor	1969-1974	136
Galaxie 500	5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1969-1974	127
Galaxie 500	6.4L 6391 CC 390 CID OHV 16V V8	1962-1968	148
Galaxie 500	6.4L 6391 CC 390 CID OHV 16V V8	1964-1971	150
Galaxie 500	6.4L 6391 CC 390 CID OHV 16V V8	1968-1970	141
Galaxie 500	6.6L 6555 CC 400 CID OHV 16V V8	1971-1974	129
Galaxie 500	6.6L 6556 CC 400 CID OHV 16V V8	1971-1974	129
Galaxie 500	7.0L 6997 CC 427 CID OHV 16V V8	1963-1968	154
Galaxie 500	7.0L 6997 CC 427 CID OHV 16V V8	1968	156
Galaxie 500	7.0L 7014 CC 428 CID OHV 16V V8	1968-1970	158
Galaxie 500	7.0L 7014 CC 428 CID OHV 16V V8; Police	1968-1970	141
Galaxie 500	7.0L 7030 CC 429 CID OHV 16V V8	1969-1971	160
Galaxie 500	7.0L 7030 CC 429 CID OHV 16V V8	1969-1973	161
Galaxie 500	7.0L 7030 CC 429 CID OHV 16V V8; Police	1971-1972	159
Galaxie 500	7.5L 7539 CC 460 CID OHV 16V V8; Police	1972-1974	160
Galaxie 500	3.3L 3277 CC 200 CID OHV 12V L6	1963	59
Galaxie 500	3.6L 3655 CC 223 CID OHV 12V L6	1963-1964	69
Galaxie 500	4.3L 4261 CC 260 CID OHV 16V V8	1962-1964	97
Galaxie 500	4.7L 4727 CC 289 CID OHV 16V V8	1963-1964	110
Galaxie 500	4.7L 4727 CC 289 CID OHV 16V V8	1964	97
Galaxie 500	4.8L 4786 CC 292 CID OHV 16V V8	1962	111
Galaxie 500	5.8L 5769 CC 352 CID OHV 16V V8	1962-1963	140
Galaxie 500	5.8L 5769 CC 352 CID OHV 16V V8	1964	138
Galaxie 500	6.4L 6391 CC 390 CID OHV 16V V8	1962	146
Galaxie 500	6.4L 6391 CC 390 CID OHV 16V V8	1962-1964	147
Galaxie 500	6.4L 6391 CC 390 CID OHV 16V V8	1963-1964	149
Galaxie 500	6.6L 6654 CC 406 CID OHV 16V V8	1962-1963	152
Galaxie 500	6.6L 6654 CC 406 CID OHV 16V V8	1962-1963	146
Galaxie 500	7.0L 6997 CC 427 CID OHV 16V V8	1963-1964	155
Granada	2.3L 140 CID SOHC 8V L4	1981-1982	28
Granada	3.3L 200 CID OHV 12V L6	1975-1977	60
Granada	3.3L 200 CID OHV 12V L6	1981-1982	58
Granada	3.8L 232 CID OHV 12V V6	1982	70
Granada	4.1L 250 CID OHV 12V L6	1975-1980	83
Granada	4.2L 255 CID OHV 16V V8	1980-1981	95
Granada	5.0L 302 CID OHV 16V V8	1975-1980	91
Granada	5.8L 351 CID OHV 16V V8; Windsor	1975-1977	131
Grand Marquis	4.2L 255 CID OHV 16V V8	1981-1982	95
Grand Marquis	4.6L 281 CID SOHC 16V V8	1992-2010	104
Grand Marquis	4.6L 281 CID SOHC 24V V8	1995-2004	101
Grand Marquis	4.6L 281 CID SOHC 16V V8; Triton	1996	99
Grand Marquis	4.6L 281 CID SOHC 16V V8	2006-2011	101
Grand Marquis	5.0L 302 CID OHV 16V V8	1979-1982	91
Grand Marquis	5.0L 302 CID OHV 16V V8	1983-1991	113
Grand Marquis	5.8L 351 CID OHV 16V V8; Modified	1978	137
Grand Marquis	5.8L 351 CID OHV 16V V8; Windsor	1978-1979	131
Grand Marquis	5.8L 351 CID OHV 16V V8; Modified	1980-1986	129
Grand Marquis	5.8L 351 CID OHV 16V V8; Windsor	1981	135
Grand Marquis	6.6L 400 CID OHV 16V V8	1975-1978	129

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MODEL	ENGINE	YEAR	BLOCK
Grand Marquis	7.5L 460 CID OHV 16V V8	1975-1978	161
Gran Torino	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	83
Gran Torino	4.1L 4098 CC 250 CID OHV 12V L6	1972-1974	83
Gran Torino	5.0L 4949 CC 302 CID OHV 16V V8	1972-1974	112
Gran Torino	5.8L 351 CID OHV 16V V8; Windsor	1975-1976	131
Gran Torino	5.8L 351 CID OHV 16V V8; Modified	1975-1976	137
Gran Torino	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland Boss	1972	130
Gran Torino	5.8L 5752 CC 351 CID OHV 16V V8; Windsor	1972-1974	136
Gran Torino	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland Cobra Jet	1972-1974	127
Gran Torino	5.8L 5753 CC 351 CID OHV 16V V8; Windsor	1972-1974	136
Gran Torino	5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1972-1974	132
Gran Torino	5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1972-1974	127
Gran Torino	6.6L 400 CID OHV 16V V8	1975-1976	129
Gran Torino	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	129
Gran Torino	6.6L 6556 CC 400 CID OHV 16V V8	1972-1974	129
Gran Torino	7.0L 7030 CC 429 CID OHV 16V V8	1972-1973	161
Gran Torino	7.5L 460 CID OHV 16V V8	1975-1976	161
Gran Torino	7.5L 7539 CC 460 CID OHV 16V V8; Police	1973-1974	160
GT	5.4L 5409 CC 330 CID DOHC 32V V8	2005-2006	123
GT40	4.7L 4727 CC 289 CID OHV 16V V8; Hi-Perf.	1966-1968	109
GT40	7.0L 6997 CC 427 CID OHV 16V V8; Hi-Perf.	1964-1969	143
Ikon	1.6L 1596 CC 97 CID SOHC 8V L4	2004-2007	6
Ka	1.6L 1596 CC 97 CID OHV 8V L4	2001	7
Ka	1.6L 1596 CC 97 CID SOHC 8V L4	2002-2008	6
Ka	1.6L 1596 CC 97 CID SOHC 8V L4	2008	8
LN7	1.6L 1598 CC 98 CID SOHC 8V L4	1982-1983	10
LN7	1.6L 1598 CC 98 CID SOHC 8V L4	1983	11
Lobo	4.6L 281 CID SOHC 24V V8	2004-2008	101
Lobo	4.6L 4605 CC 281 CID SOHC 16V V8	2010	105
Lobo	4.6L 4605 CC 281 CID SOHC 24V V8	2010	105
Lobo	5.4L 330 CID SOHC 16V V8; Triton	2002-2003	99
LS	3.0L 2968 CC 181 CID DOHC 24V V6; Duratec	2000-2005	42
LTD	2.3L 140 CID SOHC 8V L4	1983-1985	33
LTD	2.3L 140 CID SOHC 8V L4	1983-1986	28
LTD	3.3L 200 CID OHV 12V L6	1983	58
LTD	3.8L 232 CID OHV 12V V6	1983-1986	70
LTD	3.9L 3933 CC 240 CID OHV 12V L6	1965-1972	78
LTD	4.2L 255 CID OHV 16V V8	1981-1982	95
LTD	4.7L 4727 CC 289 CID OHV 16V V8	1965	97
LTD	4.7L 4727 CC 289 CID OHV 16V V8	1965-1967	110
LTD	5.0L 302 CID OHV 16V V8	1977-1982	91
LTD	5.0L 302 CID OHV 16V V8	1983-1986	113
LTD	5.0L 302 CID OHV 16V V8; HO	1984-1985	97
LTD	5.0L 4949 CC 302 CID OHV 16V V8	1968-1974	112
LTD	5.0L 4949 CC 302 CID OHV 16V V8	1969-1972	97
LTD	5.8L 351 CID OHV 16V V8; Modified	1975-1978	137
LTD	5.8L 351 CID OHV 16V V8; Windsor	1975-1979	131
LTD	5.8L 351 CID OHV 16V V8; Windsor	1980-1984	135
LTD	5.8L 351 CID OHV 16V V8; Modified	1985-1986	129
LTD	5.8L 5752 CC 351 CID OHV 16V V8; Windsor	1969-1974	136



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MODEL	ENGINE	YEAR	BLOCK
LTD	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland	1970-1974	127
LTD	5.8L 5753 CC 351 CID OHV 16V V8; Windsor	1969-1974	136
LTD	5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1969-1974	127
LTD	5.8L 5769 CC 352 CID OHV 16V V8	1965-1967	138
LTD	6.4L 6391 CC 390 CID OHV 16V V8	1965	149
LTD	6.4L 6391 CC 390 CID OHV 16V V8	1965-1967	147
LTD	6.4L 6391 CC 390 CID OHV 16V V8	1965-1968	148
LTD	6.4L 6391 CC 390 CID OHV 16V V8	1965-1971	150
LTD	6.4L 6391 CC 390 CID OHV 16V V8	1968-1970	141
LTD	6.4L 6392 CC 390 CID OHV 16V V8	1967	141
LTD	6.6L 400 CID OHV 16V V8	1975-1978	129
LTD	6.6L 6555 CC 400 CID OHV 16V V8	1971-1974	129
LTD	6.6L 6556 CC 400 CID OHV 16V V8	1971-1974	129
LTD	7.0L 6997 CC 427 CID OHV 16V V8	1965	155
LTD	7.0L 6997 CC 427 CID OHV 16V V8	1965-1967	157
LTD	7.0L 6997 CC 427 CID OHV 16V V8	1965-1968	154
LTD	7.0L 6997 CC 427 CID OHV 16V V8	1966-1968	156
LTD	7.0L 7014 CC 428 CID OHV 16V V8	1966-1970	158
LTD	7.0L 7014 CC 428 CID OHV 16V V8; Police	1966-1970	141
LTD	7.0L 7030 CC 429 CID OHV 16V V8	1969-1971	160
LTD	7.0L 7030 CC 429 CID OHV 16V V8	1969-1973	161
LTD	7.0L 7030 CC 429 CID OHV 16V V8; Police	1971-1972	159
LTD	7.5L 460 CID OHV 16V V8; HO	1975-1978	160
LTD	7.5L 460 CID OHV 16V V8	1975-1978	161
LTD	7.5L 7539 CC 460 CID OHV 16V V8; Police	1972-1974	160
LTD Crown Victoria	5.0L 302 CID OHV 16V V8	1987-1991	113
LTD Crown Victoria	5.8L 351 CID OHV 16V V8; Windsor	1987-1991	135
LTD II	5.0L 302 CID OHV 16V V8	1977-1979	91
LTD II	5.8L 351 CID OHV 16V V8; Windsor	1977-1979	131
LTD II	5.8L 351 CID OHV 16V V8; Modified	1977-1979	137
LTD II	6.6L 400 CID OHV 16V V8	1977-1978	129
Lynx	1.6L 1598 CC 98 CID SOHC 8V L4	1981-1985	10
Lynx	1.6L 1598 CC 98 CID SOHC 8V L4	1983-1984	11
Lynx	1.9L 116 CID SOHC L4	1985-1986	15
Lynx	1.9L 116 CID SOHC 8V L4	1986-1987	16
Lynx	1.9L 116 CID SOHC 8V L4	1987	14
Lynx	2.0L 1989 CC 122 CID SOHC 8V L4 MAZDA	1984-1987	21
M-400	5.9L 5899 CC 360 CID OHV 16V V8	1971-1973	142
M-400	5.9L 5900 CC 360 CID OHV 16V V8	1973	141
M-400	6.4L 6391 CC 390 CID OHV 16V V8	1971-1973	150
M-400	6.4L 6392 CC 390 CID OHV 16V V8	1971-1973	141
M-450	5.9L 5900 CC 360 CID OHV 16V V8	1974	141
Mainline	3.5L 3524 CC 215 CID OHV 12V L6	1952-1953	67
Mainline	3.6L 3655 CC 223 CID OHV 12V L6	1954-1956	68
Mainline	3.9L 3924 CC 239 CID L-HEAD 16V V8	1952-1953	93
Mainline	4.2L 4186 CC 255 CID L-HEAD 16V V8	1953	94
Mainline	4.2L 4196 CC 256 CID OHV 16V V8	1954	96
Mainline	4.4L 4458 CC 272 CID OHV 16V V8	1955-1956	98
Mainline	4.8L 4786 CC 292 CID OHV 16V V8	1955-1956	111
Mainline	4.8L 4786 CC 292 CID OHV 16V V8	1956	98

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MODEL	ENGINE	YEAR	BLOCK
Mainline	5.1L 5114 CC 312 CID OHV 16V V8	1956	120
Marauder	4.6L 281 CID DOHC 32V V8; InTech	2003-2004	106
Marauder	6.4L 6391 CC 390 CID OHV 16V V8	1963-1965	149
Marauder	6.4L 6391 CC 390 CID OHV 16V V8	1963-1967	147
Marauder	6.4L 6391 CC 390 CID OHV 16V V8	1963-1968	148
Marauder	6.4L 6391 CC 390 CID OHV 16V V8	1964-1970	150
Marauder	6.4L 6391 CC 390 CID OHV 16V V8	1968-1970	141
Marauder	6.6L 6654 CC 406 CID OHV 16V V8	1963	152
Marauder	6.6L 6654 CC 406 CID OHV 16V V8	1963	146
Marauder	6.7L 6720 CC 410 CID OHV 16V V8	1966-1967	141
Marauder	7.0L 6997 CC 427 CID OHV 16V V8	1963-1965	155
Marauder	7.0L 6997 CC 427 CID OHV 16V V8	1963-1967	154
Marauder	7.0L 6997 CC 427 CID OHV 16V V8	1966-1967	156
Marauder	7.0L 7014 CC 428 CID OHV 16V V8	1966-1970	158
Marauder	7.0L 7014 CC 428 CID OHV 16V V8; Police	1966-1970	141
Marauder	7.0L 7030 CC 429 CID OHV 16V V8	1969-1970	160
Marauder	7.0L 7030 CC 429 CID OHV 16V V8	1969-1970	161
Mariner	2.3L 140 CID DOHC 16V L4; Duratec	2005-2008	35
Mariner	2.3L 140 CID DOHC 16V L4; Duratec	2006-2008	34
Mariner	2.5L 2488 CC 152 CID DOHC 16V L4; Duratec	2009-2011	36
Mariner	3.0L 2968 CC 181 CID DOHC 24V V6; Duratec	2005-2008	42
Mariner	3.0L 2968 CC 181 CID DOHC 24V V6; Duratec	2009-2011	49
Mark III	7.5L 7539 CC 460 CID OHV 16V V8	1968-1971	160
Mark IV	7.5L 460 CID OHV 16V V8	1975-1976	161
Mark IV	7.5L 7539 CC 460 CID OHV 16V V8	1972-1974	160
Mark LT	5.4L 330 CID SOHC 24V V8; Triton	2006-2008	122
Mark LT	5.4L 5409 CC 330 CID SOHC 24V V8	2010	99
Mark V	6.6L 400 CID OHV 16V V8	1977-1979	129
Mark V	7.5L 460 CID OHV 16V V8	1977-1978	161
Mark VI	5.0L 302 CID OHV 16V V8	1980-1983	113
Mark VI	5.8L 351 CID OHV 16V V8; Windsor	1980	135
Mark VI	5.8L 351 CID OHV 16V V8; Modified	1980	129
Mark VII	5.0L 302 CID OHV 16V V8	1984-1987	113
Mark VII	5.0L 302 CID OHV 16V V8; HO	1985-1987	97
Mark VII	5.0L 302 CID OHV 16V V8; HO	1988-1992	112
Mark VIII	4.6L 281 CID DOHC 32V V8; InTech	1993-1998	106
Marquis	2.3L 140 CID SOHC 8V L4	1983-1984	33
Marquis	2.3L 140 CID SOHC 8V L4	1983-1986	28
Marquis	3.3L 200 CID OHV 12V L6	1983	58
Marquis	3.8L 232 CID OHV 12V V6	1983-1986	70
Marquis	4.2L 255 CID OHV 16V V8	1981-1982	95
Marquis	5.0L 302 CID OHV 16V V8	1979-1982	91
Marquis	5.8L 351 CID OHV 16V V8; Modified	1978	137
Marquis	5.8L 351 CID OHV 16V V8; Windsor	1978-1979	131
Marquis	5.8L 351 CID OHV 16V V8; Modified	1980	129
Marquis	5.8L 351 CID OHV 16V V8; Windsor	1981	135
Marquis	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland	1970-1974	127
Marquis	5.8L 5753 CC 351 CID OHV 16V V8; Windsor	1971-1973	136
Marquis	5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1971-1973	127
Marquis	6.4L 6391 CC 390 CID OHV 16V V8	1967	147



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MODEL	ENGINE	YEAR	BLOCK
Marquis	6.4L 6391 CC 390 CID OHV 16V V8	1967-1968	148
Marquis	6.4L 6391 CC 390 CID OHV 16V V8	1967-1970	150
Marquis	6.4L 6391 CC 390 CID OHV 16V V8	1968-1970	141
Marquis	6.6L 400 CID OHV 16V V8	1975-1978	129
Marquis	6.6L 6555 CC 400 CID OHV 16V V8	1971-1974	129
Marquis	6.6L 6556 CC 400 CID OHV 16V V8	1971-1974	129
Marquis	6.7L 6720 CC 410 CID OHV 16V V8	1967	141
Marquis	7.0L 6997 CC 427 CID OHV 16V V8	1967	156
Marquis	7.0L 6997 CC 427 CID OHV 16V V8	1967	154
Marquis	7.0L 7014 CC 428 CID OHV 16V V8	1967-1970	158
Marquis	7.0L 7014 CC 428 CID OHV 16V V8; Police	1967-1970	141
Marquis	7.0L 7030 CC 429 CID OHV 16V V8	1969-1971	160
Marquis	7.0L 7030 CC 429 CID OHV 16V V8	1969-1973	161
Marquis	7.0L 7030 CC 429 CID OHV 16V V8; Police	1971-1972	159
Marquis	7.5L 460 CID OHV 16V V8	1975-1978	161
Marquis	7.5L 460 CID OHV 16V V8; HO	1976-1978	160
Marquis	7.5L 7539 CC 460 CID OHV 16V V8; Police	1972-1974	160
Maverick	2.8L 2786 CC 170 CID OHV 12V L6	1970-1972	44
Maverick	3.3L 200 CID OHV 12V L6	1975-1977	60
Maverick	3.3L 3277 CC 200 CID OHV 12V L6	1970-1974	59
Maverick	3.3L 3278 CC 200 CID OHV 12V L6	1970-1974	57
Maverick	4.1L 250 CID OHV 12V L6	1975-1977	83
Maverick	4.1L 4097 CC 250 CID OHV 12V L6	1970-1974	83
Maverick	4.1L 4098 CC 250 CID OHV 12V L6	1970-1974	83
Maverick	5.0L 302 CID OHV 16V V8	1975-1977	91
Maverick	5.0L 4949 CC 302 CID OHV 16V V8	1971-1974	112
Medalist	5.1L 5114 CC 312 CID OHV 16V V8	1956-1958	119
Medalist	5.1L 5114 CC 312 CID OHV 16V V8	1956-1958	120
Mercury	3.9L 3924 CC 239 CID L-HEAD 16V V8	1946-1948	92
Mercury	4.2L 4186 CC 255 CID L-HEAD 16V V8	1949-1952	94
Meteor	2.8L 2786 CC 170 CID OHV 12V L6	1962-1963	44
Meteor	3.3L 3277 CC 200 CID OHV 12V L6	1963	59
Meteor	3.6L 3622 CC 221 CID OHV 16V V8	1962-1963	91
Meteor	4.3L 4261 CC 260 CID OHV 16V V8	1962-1963	97
Meteor	4.7L 4727 CC 289 CID OHV 16V V8; Hi-Perf.	1963	97
Meteor	4.7L 4727 CC 289 CID OHV 16V V8	1963	110
Meteor	4.8L 4786 CC 292 CID OHV 16V V8	1961-1962	111
Meteor	5.8L 5769 CC 352 CID OHV 16V V8	1961-1962	140
Meteor	6.4L 6391 CC 390 CID OHV 16V V8	1961-1962	146
Meteor	6.4L 6391 CC 390 CID OHV 16V V8	1961-1963	148
Meteor	6.4L 6391 CC 390 CID OHV 16V V8	1963	147
Meteor	6.4L 6391 CC 390 CID OHV 16V V8	1963	149
Milan	2.3L 140 CID DOHC 16V L4; Duratec	2006-2009	35
Milan	2.5L 2488 CC 152 CID DOHC 16V L4; Duratec	2010-2011	36
Milan	3.0L 2968 CC 181 CID DOHC 24V V6; Duratec	2006-2009	42
Milan	3.0L 2968 CC 181 CID DOHC 24V V6; Duratec	2010-2011	49
MKC	2.0L 1999 CC 122 CID DOHC 16V L4; EcoBoost	2015-2016	24
MKC	2.0L 1999 CC 122 CID DOHC 16V L4; EcoBoost	2017	20
MKS	3.5L 3490 CC 213 CID DOHC 24V V6	2011-2014	64
MKS	3.5L 3496 CC 213 CID DOHC 24V V6; EcoBoost	2010-2014	62

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MODEL	ENGINE	YEAR	BLOCK
MKS	3.5L 3496 CC 213 CID DOHC 24V V6; EcoBoost	2014	64
MKS	3.7L 3726 CC 227 CID DOHC 24V V6; Duratec	2009-2016	62
MKT	2.0L 1999 CC 122 CID DOHC 16V L4; EcoBoost	2013-2014	24
MKT	3.5L 3496 CC 213 CID DOHC 24V V6; EcoBoost	2010-2014	62
MKT	3.5L 3496 CC 213 CID DOHC 24V V6; EcoBoost	2013-2014	64
MKT	3.7L 3726 CC 227 CID DOHC 24V V6; Duratec	2010-2017	62
MKX	3.5L 3496 CC 213 CID DOHC 24V V6; Duratec	2007-2010	62
MKX	3.5L 3496 CC 213 CID DOHC 24V V6; Duratec	2008	65
MKX	3.7L 3726 CC 227 CID DOHC 24V V6	2011-2015	62
MKX	3.7L 3726 CC 227 CID DOHC 24V V6	2012-2014	65
MKX	3.7L 3726 CC 227 CID DOHC 24V V6	2016-2017	63
MKZ	2.0L 1999 CC 122 CID DOHC 16V L4; EcoBoost	2013-2016	24
MKZ	2.0L 1999 CC 122 CID DOHC 16V L4; EcoBoost	2013-2017	20
MKZ	2.5L 2488 CC 152 CID DOHC 16V L4; Duratec	2011-2012	36
MKZ	3.5L 3496 CC 213 CID DOHC 24V V6; Duratec	2007-2012	62
MKZ	3.7L 3726 CC 227 CID DOHC 24V V6; Duratec	2013-2014	62
Monarch	3.3L 200 CID OHV 12V L6	1975-1977	60
Monarch	4.1L 250 CID OHV 12V L6	1975-1980	83
Monarch	4.2L 255 CID OHV 16V V8	1980	95
Monarch	5.0L 302 CID OHV 16V V8	1975-1980	91
Monarch	5.8L 351 CID OHV 16V V8; Windsor	1975-1977	131
Montclair	4.8L 4786 CC 292 CID OHV 16V V8	1955	111
Montclair	5.1L 5114 CC 312 CID OHV 16V V8	1956-1958	119
Montclair	5.1L 5114 CC 312 CID OHV 16V V8	1956-1958	120
Montclair	5.1L 5114 CC 312 CID OHV 16V V8	1959-1960	118
Montclair	6.4L 6391 CC 390 CID OHV 16V V8	1964-1965	149
Montclair	6.4L 6391 CC 390 CID OHV 16V V8	1964-1967	147
Montclair	6.4L 6391 CC 390 CID OHV 16V V8	1964-1968	148
Montclair	6.4L 6391 CC 390 CID OHV 16V V8	1964-1968	150
Montclair	6.4L 6391 CC 390 CID OHV 16V V8	1968	141
Montclair	6.7L 6720 CC 410 CID OHV 16V V8	1966-1967	141
Montclair	7.0L 6997 CC 427 CID OHV 16V V8	1964-1965	155
Montclair	7.0L 6997 CC 427 CID OHV 16V V8	1964-1967	154
Montclair	7.0L 6997 CC 427 CID OHV 16V V8	1966-1967	156
Montclair	7.0L 7014 CC 428 CID OHV 16V V8	1966-1968	158
Montclair	7.0L 7014 CC 428 CID OHV 16V V8; Police	1966-1968	141
Montego	3.0L 2968 CC 181 CID DOHC 24V V6; Duratec	2005-2007	42
Montego	3.0L 183 CID DOHC 24V V6; Duratec	2005-2007	42
Montego	3.3L 3277 CC 200 CID OHV 12V L6	1968	59
Montego	3.3L 3278 CC 200 CID OHV 12V L6	1968	57
Montego	4.1L 4097 CC 250 CID OHV 12V L6	1969-1974	83
Montego	4.1L 4098 CC 250 CID OHV 12V L6	1969-1974	83
Montego	4.7L 4727 CC 289 CID OHV 16V V8	1968	110
Montego	5.0L 4949 CC 302 CID OHV 16V V8	1968	97
Montego	5.0L 4949 CC 302 CID OHV 16V V8	1968-1974	112
Montego	5.8L 351 CID OHV 16V V8; Windsor	1975-1976	131
Montego	5.8L 351 CID OHV 16V V8; Modified	1975-1976	137
Montego	5.8L 5752 CC 351 CID OHV 16V V8; Windsor	1969-1974	136
Montego	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland Cobra Jet	1970-1974	127
Montego	5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1969-1974	127



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MODEL	ENGINE	YEAR	BLOCK
Montego	5.8L 5753 CC 351 CID OHV 16V V8; Windsor	1969-1974	136
Montego	5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1972-1974	132
Montego	6.4L 6391 CC 390 CID OHV 16V V8	1968-1969	150
Montego	6.4L 6391 CC 390 CID OHV 16V V8; GT	1968-1969	141
Montego	6.6L 400 CID OHV 16V V8	1975-1976	129
Montego	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	129
Montego	6.6L 6556 CC 400 CID OHV 16V V8	1972-1974	129
Montego	7.0L 6997 CC 427 CID OHV 16V V8	1968	156
Montego	7.0L 7014 CC 428 CID OHV 16V V8; Cobra Jet/Super CJ	1968-1969	158
Montego	7.0L 7014 CC 428 CID OHV 16V V8; Police	1968-1969	141
Montego	7.0L 7030 CC 429 CID OHV 16V V8	1970-1973	161
Montego	7.5L 460 CID OHV 16V V8	1975-1976	161
Montego	7.5L 7539 CC 460 CID OHV 16V V8; Police	1973-1974	160
Monterey	4.2L 4186 CC 255 CID L-HEAD 16V V8	1950-1953	94
Monterey	4.2L 256 CID OHV 12V V6; Triton	2004-2007	75
Monterey	4.2L 4196 CC 256 CID OHV 16V V8	1954	96
Monterey	4.8L 4786 CC 292 CID OHV 16V V8	1955-1962	111
Monterey	5.1L 5114 CC 312 CID OHV 16V V8	1956-1958	119
Monterey	5.1L 5114 CC 312 CID OHV 16V V8	1956-1958	120
Monterey	5.1L 5114 CC 312 CID OHV 16V V8	1959-1960	118
Monterey	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland	1970-1974	127
Monterey	5.8L 5752 CC 351 CID OHV 16V V8; Windsor	1970-1974	136
Monterey	5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1971-1973	127
Monterey	5.8L 5753 CC 351 CID OHV 16V V8; Windsor	1971-1973	136
Monterey	5.8L 5769 CC 352 CID OHV 16V V8	1961-1962	140
Monterey	6.4L 6391 CC 390 CID OHV 16V V8	1961-1962	146
Monterey	6.4L 6391 CC 390 CID OHV 16V V8	1961-1968	148
Monterey	6.4L 6391 CC 390 CID OHV 16V V8	1963-1965	149
Monterey	6.4L 6391 CC 390 CID OHV 16V V8	1963-1967	147
Monterey	6.4L 6391 CC 390 CID OHV 16V V8	1964-1970	150
Monterey	6.4L 6391 CC 390 CID OHV 16V V8	1968-1970	141
Monterey	6.6L 6555 CC 400 CID OHV 16V V8	1971-1974	129
Monterey	6.6L 6556 CC 400 CID OHV 16V V8	1971-1974	129
Monterey	6.6L 6654 CC 406 CID OHV 16V V8	1962-1963	152
Monterey	6.6L 6654 CC 406 CID OHV 16V V8	1962-1963	146
Monterey	6.7L 6720 CC 410 CID OHV 16V V8	1966-1967	141
Monterey	7.0L 6997 CC 427 CID OHV 16V V8	1963-1965	155
Monterey	7.0L 6997 CC 427 CID OHV 16V V8	1963-1967	154
Monterey	7.0L 6997 CC 427 CID OHV 16V V8	1966-1967	156
Monterey	7.0L 7014 CC 428 CID OHV 16V V8	1966-1970	158
Monterey	7.0L 7014 CC 428 CID OHV 16V V8; Police	1966-1970	141
Monterey	7.0L 7030 CC 429 CID OHV 16V V8	1969-1971	160
Monterey	7.0L 7030 CC 429 CID OHV 16V V8	1969-1973	161
Monterey	7.0L 7030 CC 429 CID OHV 16V V8; Police	1971-1972	159
Monterey	7.5L 7539 CC 460 CID OHV 16V V8; Police	1972-1974	160
Mountaineer	4.0L 245 CID SOHC 12V V6	1998-2010	80
Mountaineer	4.6L 281 CID SOHC 16V V8; Triton (Romeo)	2002-2005	102
Mountaineer	4.6L 281 CID SOHC 24V V8	2006-2010	106
Mountaineer	5.0L 302 CID OHV 16V V8	1997-2001	97
Mustang	2.3L 140 CID SOHC 8V L4	1979-1993	28

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MODEL	ENGINE	YEAR	BLOCK
Mustang	2.3L 2300 CC 140 CID DOHC 16V L4; EcoBoost	2015-2017	20
Mustang	2.8L 2786 CC 170 CID OHV 12V L6	1964-1965	44
Mustang	2.8L 171 CID OHV 12V V6	1979	47
Mustang	3.3L 200 CID OHV 12V L6	1979	60
Mustang	3.3L 200 CID OHV 12V L6	1980-1982	58
Mustang	3.3L 3277 CC 200 CID OHV 12V L6	1964-1970	59
Mustang	3.3L 3278 CC 200 CID OHV 12V L6	1968-1970	57
Mustang	3.7L 3726 CC 227 CID DOHC 24V V6	2011-2014	62
Mustang	3.7L 3726 CC 227 CID DOHC 24V V6	2015-2017	61
Mustang	3.7L 3731 CC 228 CID DOHC 24V V6	2011	65
Mustang	3.8L 232 CID OHV 12V V6	1983-1986	70
Mustang	3.8L 232 CID OHV 12V V6	1994-2004	73
Mustang	3.9L 238 CID OHV 12V V6	2004	75
Mustang	4.0L 245 CID SOHC 12V V6; Cologne	2005-2010	80
Mustang	4.1L 4097 CC 250 CID OHV 12V L6	1969-1973	83
Mustang	4.1L 4098 CC 250 CID OHV 12V L6	1969-1973	83
Mustang	4.2L 255 CID OHV 16V V8	1980-1982	95
Mustang	4.3L 4261 CC 260 CID OHV 16V V8	1964-1965	97
Mustang	4.6L 281 CID DOHC 32V V8	1996-2004	106
Mustang	4.6L 281 CID SOHC 16V V8	1996-2004	101
Mustang	4.6L 281 CID SOHC 24V V8	1996-2010	101
Mustang	4.6L 281 CID SOHC 24V V8	2006-2010	106
Mustang	4.7L 4727 CC 289 CID OHV 16V V8	1964-1967	97
Mustang	4.7L 4727 CC 289 CID OHV 16V V8	1964-1968	110
Mustang	5.0L 302 CID OHV 16V V8	1979	91
Mustang	5.0L 302 CID OHV 16V V8; HO	1982-1986	97
Mustang	5.0L 302 CID OHV 16V V8	1984-1985	113
Mustang	5.0L 302 CID OHV 16V V8; HO	1987-1995	112
Mustang	5.0L 302 CID OHV 16V V8	1995	114
Mustang	5.0L 4949 CC 302 CID OHV 16V V8	1968	97
Mustang	5.0L 4949 CC 302 CID OHV 16V V8; Boss/Eliminator	1968-1973	112
Mustang	5.0L 4950 CC 302 CID OHV 16V V8	1970-1972	97
Mustang	5.0L 4951 CC 302 CID SOHC 32V V8	2011	115
Mustang	5.0L 4951 CC 302 CID DOHC 32V V8	2011-2014	116
Mustang	5.0L 4951 CC 302 CID DOHC 32V V8	2013-2017	115
Mustang	5.4L 5409 CC 330 CID DOHC 32V V8	2000	99
Mustang	5.4L 5409 CC 330 CID DOHC 32V V8	2007-2012	123
Mustang	5.4L 5409 CC 330 CID DOHC 32V V8	2011-2012	105
Mustang	5.8L 351 CID OHV 16V V8; Windsor	1995	136
Mustang	5.8L 5752 CC 351 CID OHV 16V V8; Windsor	1969-1973	136
Mustang	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland Cobra Jet	1970-1973	127
Mustang	5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1969-1973	127
Mustang	5.8L 5753 CC 351 CID OHV 16V V8; Windsor	1969-1973	136
Mustang	6.4L 6391 CC 390 CID OHV 16V V8	1967-1969	141
Mustang	6.4L 6391 CC 390 CID OHV 16V V8	1967-1969	150
Mustang	7.0L 6997 CC 427 CID OHV 16V V8	1968	156
Mustang	7.0L 7014 CC 428 CID OHV 16V V8; Cobra Jet/Super CJ	1967-1970	158
Mustang	7.0L 7014 CC 428 CID OHV 16V V8; Police	1969-1970	141
Mustang	7.0L 7030 CC 429 CID OHV 16V V8; Boss	1969-1970	159
Mustang	7.0L 7030 CC 429 CID OHV 16V V8; Cobra Jet/Super CJ	1970-1971	161



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MODEL	ENGINE	YEAR	BLOCK
Mustang II	2.0L 1993 CC 122 CID SOHC 8V L4	1974	23
Mustang II	2.3L 140 CID SOHC 8V L4	1975-1978	28
Mustang II	2.3L 2295 CC 140 CID SOHC 8V L4	1974	28
Mustang II	2.3L 2302 CC 140 CID SOHC 8V L4	1974	28
Mustang II	2.8L 171 CID OHV 12V V6	1975-1978	47
Mustang II	2.8L 2792 CC 171 CID OHV 12V V6	1974	45
Mustang II	2.8L 2803 CC 171 CID OHV 12V V6	1974	45
Mustang II	5.0L 302 CID OHV 16V V8	1975-1978	91
Mystique	2.0L 1989 CC 121 CID DOHC 16V L4; Zetec	1995-2000	18
Mystique	2.5L 2450 CC 155 CID DOHC 24V V6; Duratec	1995-2000	42
Navigator	5.4L 330 CID SOHC 16V V8; Triton	1998-1999	122
Navigator	5.4L 330 CID DOHC 32V V8; Triton	1999-2004	99
Navigator	5.4L 330 CID SOHC 32V V8; Triton	2000	99
Navigator	5.4L 330 CID SOHC 24V V8; InTech	2005	99
Navigator	5.4L 330 CID SOHC 24V V8; Triton	2006-2014	122
Navigator	5.4L 5408 CC 330 CID SOHC 24V V8	2011-2012	105
P-100	2.4L 2360 CC 144 CID OHV 12V L6	1960-1964	40
P-100	2.8L 2786 CC 170 CID OHV 12V L6	1961-1970	44
P-100	3.6L 3655 CC 223 CID OHV 12V L6	1957-1959	68
P-100	3.6L 3655 CC 223 CID OHV 12V L6	1960-1964	67
P-100	3.9L 3933 CC 240 CID OHV 12V L6	1968-1973	77
P-100	3.9L 3933 CC 240 CID OHV 12V L6	1972-1973	76
P-350	2.8L 2786 CC 170 CID OHV 12V L6	1961-1970	44
P-350	3.5L 3524 CC 215 CID OHV 12V L6	1952-1953	67
P-350	3.6L 3611 CC 220 CID OHV 8V L4 FORD EUROPE; Dagenham	1963-1964	39
P-350	3.6L 3655 CC 223 CID OHV 12V L6	1954-1959	68
P-350	3.6L 3655 CC 223 CID OHV 12V L6	1960-1964	67
P-350	3.9L 3933 CC 240 CID OHV 12V L6	1965-1972	76
P-350	3.9L 3933 CC 240 CID OHV 12V L6	1966-1972	77
P-350	4.4L 4458 CC 272 CID OHV 16V V8	1957	98
P-350	4.8L 4786 CC 292 CID OHV 16V V8	1958-1964	111
P-350	4.9L 4917 CC 300 CID OHV 12V L6	1965-1974	78
P-350	4.9L 4917 CC 300 CID OHV 12V L6	1975-1976	77
P-350	5.0L 302 CID OHV 16V V8	1976	97
P-350	5.0L 4949 CC 302 CID OHV 16V V8	1972	97
P-350	5.0L 4950 CC 302 CID OHV 16V V8	1972	97
P-350	5.8L 5769 CC 352 CID OHV 16V V8	1965-1967	138
P-350	5.9L 5899 CC 360 CID OHV 16V V8	1968-1974	142
P-350	5.9L 5900 CC 360 CID OHV 16V V8	1973	141
P-350	6.4L 6391 CC 390 CID OHV 16V V8	1968-1974	150
P-350	6.4L 6392 CC 390 CID OHV 16V V8	1972-1973	141
P-350	6.6L 400 CID OHV 16V V8	1976	129
P-400	4.9L 4917 CC 300 CID OHV 12V L6	1975-1976	77
P-400	5.0L 302 CID OHV 16V V8	1976	97
P-400	6.6L 400 CID OHV 16V V8	1976	129
P-500	4.9L 4917 CC 300 CID OHV 12V L6	1975-1977	77
P-500	5.0L 302 CID OHV 16V V8	1976-1977	97
P-500	6.6L 400 CID OHV 16V V8	1976-1977	129
Park Lane	5.1L 5114 CC 312 CID OHV 16V V8	1958	119
Park Lane	5.1L 5114 CC 312 CID OHV 16V V8	1958	120

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MODEL	ENGINE	YEAR	BLOCK
Park Lane	5.1L 5114 CC 312 CID OHV 16V V8	1959-1960	118
Park Lane	6.4L 6391 CC 390 CID OHV 16V V8	1964-1965	149
Park Lane	6.4L 6391 CC 390 CID OHV 16V V8	1964-1967	147
Park Lane	6.4L 6391 CC 390 CID OHV 16V V8	1964-1968	148
Park Lane	6.4L 6391 CC 390 CID OHV 16V V8	1964-1968	150
Park Lane	6.4L 6391 CC 390 CID OHV 16V V8	1968	141
Park Lane	6.7L 6720 CC 410 CID OHV 16V V8	1966-1967	141
Park Lane	7.0L 6997 CC 427 CID OHV 16V V8	1964-1965	155
Park Lane	7.0L 6997 CC 427 CID OHV 16V V8	1964-1967	154
Park Lane	7.0L 6997 CC 427 CID OHV 16V V8	1966-1967	156
Park Lane	7.0L 7014 CC 428 CID OHV 16V V8	1966-1968	158
Park Lane	7.0L 7014 CC 428 CID OHV 16V V8; Police	1966-1968	141
Park Lane Wagon	3.6L 3655 CC 223 CID OHV 12V L6	1956	68
Park Lane Wagon	4.4L 4458 CC 272 CID OHV 16V V8	1956	98
Park Lane Wagon	4.8L 4786 CC 292 CID OHV 16V V8	1956	111
Park Lane Wagon	4.8L 4786 CC 292 CID OHV 16V V8	1956	98
Park Lane Wagon	5.1L 5114 CC 312 CID OHV 16V V8	1956	120
Pinto	1.6L 1599 CC 98 CID OHV 8V L4	1971-1973	2
Pinto	2.0L 1993 CC 122 CID SOHC 8V L4	1971-1974	23
Pinto	2.3L 140 CID SOHC 8V L4	1975-1980	28
Pinto	2.3L 2295 CC 140 CID SOHC 8V L4	1974	28
Pinto	2.3L 2302 CC 140 CID SOHC 8V L4	1974	28
Pinto	2.8L 171 CID OHV 12V V6	1975-1979	47
Police Interceptor Sedan	3.5L 3496 CC 213 CID DOHC 24V V6; EcoBoost	2013-2014	64
Police Interceptor Sedan	3.5L 3496 CC 213 CID DOHC 24V V6; Duratec	2013-2017	62
Police Interceptor Sedan	3.5L 3496 CC 213 CID DOHC 24V V6; Duratec	2015-2017	63
Police Interceptor Sedan	3.7L 3726 CC 227 CID DOHC 24V V6	2013-2014	62
Police Interceptor Sedan	3.7L 3726 CC 227 CID DOHC 24V V6	2015-2017	63
Police Interceptor Utility	3.5L 3496 CC 213 CID DOHC 24V V6; EcoBoost	2014	64
Police Interceptor Utility	3.5L 3496 CC 213 CID DOHC 24V V6; EcoBoost	2014-2017	62
Police Interceptor Utility	3.7L 3726 CC 227 CID DOHC 24V V6	2013-2014	62
Police Interceptor Utility	3.7L 3726 CC 227 CID DOHC 24V V6	2015-2017	63
Prefect	1.0L 997 CC 61 CID OHV 8V L4 FORD EUROPE	1959-1961	1
Probe	2.0L 1989 CC 122 CID DOHC 16V L4 MAZDA	1993-1997	25
Probe	2.2L 133 CID SOHC 12V L4 MAZDA	1989-1992	26
Probe	2.5L 2450 CC 152 CID DOHC 24V V6 MAZDA	1993-1997	41
Probe	3.0L 2986 CC 182 CID OHV 12V V6; Vulcan	1990-1992	53
Ranchero	2.4L 2360 CC 144 CID OHV 12V L6	1960-1964	40
Ranchero	2.8L 2786 CC 170 CID OHV 12V L6	1961-1965	44
Ranchero	3.3L 3277 CC 200 CID OHV 12V L6	1964-1968	59
Ranchero	3.3L 3278 CC 200 CID OHV 12V L6	1968	57
Ranchero	3.6L 3655 CC 223 CID OHV 12V L6	1957-1959	68
Ranchero	4.1L 4097 CC 250 CID OHV 12V L6	1969-1974	83
Ranchero	4.1L 4098 CC 250 CID OHV 12V L6	1969-1973	83
Ranchero	4.3L 4261 CC 260 CID OHV 16V V8	1963-1964	97
Ranchero	4.4L 4458 CC 272 CID OHV 16V V8	1957	98
Ranchero	4.7L 4727 CC 289 CID OHV 16V V8	1965-1967	110
Ranchero	4.8L 4786 CC 292 CID OHV 16V V8	1957-1959	111
Ranchero	5.0L 302 CID OHV 16V V8	1977-1979	91
Ranchero	5.0L 4949 CC 302 CID OHV 16V V8	1968-1974	97



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MODEL	ENGINE	YEAR	BLOCK
Ranchero	5.0L 4949 CC 302 CID OHV 16V V8	1968-1974	112
Ranchero	5.8L 351 CID OHV 16V V8; Windsor	1975-1979	131
Ranchero	5.8L 351 CID OHV 16V V8; Modified	1975-1979	137
Ranchero	5.8L 5752 CC 351 CID OHV 16V V8; Windsor	1969-1974	136
Ranchero	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland Cobra Jet	1970-1974	127
Ranchero	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland Boss	1971-1972	130
Ranchero	5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1969-1974	127
Ranchero	5.8L 5753 CC 351 CID OHV 16V V8; Windsor	1969-1974	136
Ranchero	5.8L 5769 CC 352 CID OHV 16V V8	1958-1959	140
Ranchero	5.8L 5769 CC 352 CID OHV 16V V8	1966-1967	138
Ranchero	6.4L 6391 CC 390 CID OHV 16V V8	1967-1969	150
Ranchero	6.4L 6391 CC 390 CID OHV 16V V8; GT	1968-1969	141
Ranchero	6.6L 400 CID OHV 16V V8	1975-1978	129
Ranchero	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	129
Ranchero	6.6L 6556 CC 400 CID OHV 16V V8	1972-1974	129
Ranchero	7.0L 7014 CC 428 CID OHV 16V V8; Cobra Jet/Super CJ	1968-1969	158
Ranchero	7.0L 7030 CC 429 CID OHV 16V V8	1970-1973	161
Ranchero	7.0L 7030 CC 429 CID OHV 16V V8; Police	1971-1972	159
Ranchero	7.5L 460 CID OHV 16V V8	1975-1977	161
Ranchero	7.5L 7539 CC 460 CID OHV 16V V8	1974	160
Ranch Wagon	2.4L 2360 CC 144 CID OHV 12V L6	1960-1964	40
Ranch Wagon	2.8L 2786 CC 170 CID OHV 12V L6	1962-1969	44
Ranch Wagon	3.3L 3277 CC 200 CID OHV 12V L6	1963-1970	59
Ranch Wagon	3.5L 3524 CC 215 CID OHV 12V L6	1952-1953	67
Ranch Wagon	3.6L 3622 CC 221 CID OHV 16V V8	1962-1963	91
Ranch Wagon	3.6L 3655 CC 223 CID OHV 12V L6	1955-1959	68
Ranch Wagon	3.6L 3655 CC 223 CID OHV 12V L6	1963-1964	69
Ranch Wagon	3.9L 3924 CC 239 CID L-HEAD 16V V8	1950-1953	93
Ranch Wagon	3.9L 3933 CC 240 CID OHV 12V L6	1965-1972	78
Ranch Wagon	4.1L 4097 CC 250 CID OHV 12V L6	1969-1974	83
Ranch Wagon	4.2L 4186 CC 255 CID L-HEAD 16V V8	1953	94
Ranch Wagon	4.2L 4196 CC 256 CID OHV 16V V8	1954	96
Ranch Wagon	4.3L 4261 CC 260 CID OHV 16V V8	1962-1965	97
Ranch Wagon	4.4L 4458 CC 272 CID OHV 16V V8	1955-1957	98
Ranch Wagon	4.7L 4727 CC 289 CID OHV 16V V8	1963-1967	110
Ranch Wagon	4.7L 4727 CC 289 CID OHV 16V V8	1964-1965	97
Ranch Wagon	4.8L 4786 CC 292 CID OHV 16V V8	1955-1962	111
Ranch Wagon	4.8L 4786 CC 292 CID OHV 16V V8	1956	98
Ranch Wagon	5.0L 4949 CC 302 CID OHV 16V V8	1968-1974	112
Ranch Wagon	5.0L 4949 CC 302 CID OHV 16V V8	1969-1972	97
Ranch Wagon	5.1L 5114 CC 312 CID OHV 16V V8	1956	120
Ranch Wagon	5.1L 5114 CC 312 CID OHV 16V V8	1957	118
Ranch Wagon	5.4L 5441 CC 332 CID OHV 16V V8	1958-1959	124
Ranch Wagon	5.4L 5441 CC 332 CID OHV 16V V8	1958-1959	126
Ranch Wagon	5.8L 5752 CC 351 CID OHV 16V V8; Windsor	1969-1974	136
Ranch Wagon	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland	1970-1974	127
Ranch Wagon	5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1969-1974	127
Ranch Wagon	5.8L 5753 CC 351 CID OHV 16V V8; Windsor	1969-1974	136
Ranch Wagon	5.8L 5769 CC 352 CID OHV 16V V8	1958-1963	140
Ranch Wagon	5.8L 5769 CC 352 CID OHV 16V V8	1960	139

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MODEL	ENGINE	YEAR	BLOCK
Ranch Wagon	5.8L 5769 CC 352 CID OHV 16V V8	1964-1967	138
Ranch Wagon	5.9L 5917 CC 361 CID OHV 16V V8	1958-1959	143
Ranch Wagon	6.4L 6391 CC 390 CID OHV 16V V8	1961-1962	146
Ranch Wagon	6.4L 6391 CC 390 CID OHV 16V V8	1961-1967	147
Ranch Wagon	6.4L 6391 CC 390 CID OHV 16V V8	1961-1968	148
Ranch Wagon	6.4L 6391 CC 390 CID OHV 16V V8	1963-1965	149
Ranch Wagon	6.4L 6391 CC 390 CID OHV 16V V8	1964-1971	150
Ranch Wagon	6.4L 6391 CC 390 CID OHV 16V V8	1968-1970	141
Ranch Wagon	6.6L 6555 CC 400 CID OHV 16V V8	1971-1974	129
Ranch Wagon	6.6L 6556 CC 400 CID OHV 16V V8	1971-1974	129
Ranch Wagon	6.6L 6654 CC 406 CID OHV 16V V8	1962-1963	152
Ranch Wagon	6.6L 6654 CC 406 CID OHV 16V V8	1962-1963	146
Ranch Wagon	7.0L 6997 CC 427 CID OHV 16V V8	1963-1965	155
Ranch Wagon	7.0L 6997 CC 427 CID OHV 16V V8	1963-1968	154
Ranch Wagon	7.0L 6997 CC 427 CID OHV 16V V8	1966-1968	156
Ranch Wagon	7.0L 7014 CC 428 CID OHV 16V V8	1966-1970	158
Ranch Wagon	7.0L 7014 CC 428 CID OHV 16V V8; Police	1966-1970	141
Ranch Wagon	7.0L 7030 CC 429 CID OHV 16V V8	1969-1971	160
Ranch Wagon	7.0L 7030 CC 429 CID OHV 16V V8	1969-1973	161
Ranch Wagon	7.0L 7030 CC 429 CID OHV 16V V8; Police	1971-1972	159
Ranch Wagon	7.5L 7539 CC 460 CID OHV 16V V8; Police	1972-1974	160
Ranger	2.0L 1989 CC 122 CID SOHC 8V L4	1983-1988	22
Ranger	2.3L 140 CID SOHC 8V L4	1983-1997	28
Ranger	2.3L 140 CID OHV 8V L4 MITSUBISHI	1985-1987	29
Ranger	2.3L 140 CID DOHC 16V L4	2001-2011	35
Ranger	2.5L 153 CID SOHC 8V L4	1998-2001	38
Ranger	2.8L 171 CID OHV 12V V6	1983-1985	46
Ranger	2.9L 177 CID OHV 12V V6	1986-1992	48
Ranger	3.0L 182 CID OHV 12V V6; Vulcan	2002	51
Ranger	3.0L 2986 CC 182 CID OHV 12V V6; Vulcan	1991-2004	53
Ranger	3.0L 2986 CC 182 CID OHV 12V V6; Vulcan	1995-2008	52
Ranger	4.0L 245 CID OHV 12V V6	1990-2000	82
Ranger	4.0L 245 CID SOHC 12V V6	2001-2011	80
Sable	2.5L 153 CID OHV 8V L4; HSC	1986	32
Sable	3.0L 2968 CC 181 CID DOHC 24V V6; Duratec	1996-2005	42
Sable	3.0L 2986 CC 182 CID OHV 12V V6; Vulcan	1986-2005	53
Sable	3.0L 2986 CC 182 CID OHV 12V V6; Vulcan	1996-2005	52
Sable	3.5L 3496 CC 213 CID DOHC 24V V6; Duratec	2008-2009	62
Sable	3.8L 232 CID OHV 12V V6	1988-1995	71
Sedan Delivery	2.0L 1962 CC 120 CID L-HEAD 8V L4	1942	17
Sedan Delivery	3.9L 3924 CC 239 CID L-HEAD 16V V8	1942-1947	92
Skyliner	3.6L 3655 CC 223 CID OHV 12V L6	1954-1956	68
Skyliner	4.2L 4196 CC 256 CID OHV 16V V8	1954	96
Skyliner	4.4L 4458 CC 272 CID OHV 16V V8	1955-1957	98
Skyliner	4.8L 4786 CC 292 CID OHV 16V V8	1955-1959	111
Skyliner	4.8L 4786 CC 292 CID OHV 16V V8	1956	98
Skyliner	5.1L 5114 CC 312 CID OHV 16V V8	1956	120
Skyliner	5.1L 5114 CC 312 CID OHV 16V V8	1957	118
Skyliner	5.4L 5441 CC 332 CID OHV 16V V8	1958-1959	124
Skyliner	5.4L 5441 CC 332 CID OHV 16V V8	1958-1959	126



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MODEL	ENGINE	YEAR	BLOCK
Skyliner	5.8L 5769 CC 352 CID OHV 16V V8	1958-1959	140
Skyliner	5.9L 5917 CC 361 CID OHV 16V V8	1958-1959	143
Special Service Police Sedan	2.0L 1999 CC 122 CID DOHC 16V L4; EcoBoost	2014-2017	24
Sprint	2.8L 2786 CC 170 CID OHV 12V L6	1963-1964	44
Sprint	3.3L 3277 CC 200 CID OHV 12V L6	1963-1964	59
Sprint	3.6L 3622 CC 221 CID OHV 16V V8	1963	91
Sprint	4.3L 4261 CC 260 CID OHV 16V V8	1963-1964	97
Sprint	4.7L 4727 CC 289 CID OHV 16V V8; Hi-Perf.	1964	97
Starliner	4.8L 4786 CC 292 CID OHV 16V V8	1960	111
Starliner	5.8L 5769 CC 352 CID OHV 16V V8	1960	140
Sunliner	3.5L 3524 CC 215 CID OHV 12V L6	1952-1953	67
Sunliner	3.6L 3655 CC 223 CID OHV 12V L6	1954-1959	68
Sunliner	3.9L 3924 CC 239 CID L-HEAD 16V V8	1952-1953	93
Sunliner	4.2L 4186 CC 255 CID L-HEAD 16V V8	1953	94
Sunliner	4.2L 4196 CC 256 CID OHV 16V V8	1954	96
Sunliner	4.4L 4458 CC 272 CID OHV 16V V8	1955-1957	98
Sunliner	4.8L 4786 CC 292 CID OHV 16V V8	1955-1960	111
Sunliner	4.8L 4786 CC 292 CID OHV 16V V8	1956	98
Sunliner	5.1L 5114 CC 312 CID OHV 16V V8	1956	120
Sunliner	5.1L 5114 CC 312 CID OHV 16V V8	1957	118
Sunliner	5.4L 5441 CC 332 CID OHV 16V V8	1958-1959	124
Sunliner	5.4L 5441 CC 332 CID OHV 16V V8	1958-1959	126
Sunliner	5.8L 5769 CC 352 CID OHV 16V V8	1958-1960	140
Sunliner	5.8L 5769 CC 352 CID OHV 16V V8	1960	139
Sunliner	5.9L 5917 CC 361 CID OHV 16V V8	1958-1959	143
Super Deluxe	3.9L 3924 CC 239 CID L-HEAD 16V V8	1946-1948	92
Taurus	1.5L 1498 CC 92 CID OHV 8V L4 FORD EUROPE	1962	5
Taurus	2.0L 1999 CC 122 CID DOHC 16V L4; EcoBoost	2013-2017	24
Taurus	2.5L 153 CID OHV 8V L4; HSC	1986-1990	32
Taurus	2.5L 153 CID OHV 8V L4; HSC	1991	37
Taurus	3.0L 2968 CC 181 CID DOHC 24V V6; Duratec	1996-2005	42
Taurus	3.0L 2986 CC 182 CID OHV 12V V6; Vulcan	1986-2007	53
Taurus	3.0L 2986 CC 182 CID DOHC 24V V6 YAMAHA; SHO	1989-1995	54
Taurus	3.0L 2986 CC 182 CID OHV 12V V6; Vulcan	1996-2007	52
Taurus	3.2L 195 CID DOHC 24V V6 YAMAHA; SHO	1993-1995	56
Taurus	3.4L 207 CID DOHC 32V V8 YAMAHA; SHO	1996-1999	90
Taurus	3.5L 3496 CC 213 CID DOHC 24V V6; Duratec	2008-2017	62
Taurus	3.5L 3496 CC 213 CID DOHC 24V V6; Duratec	2015-2017	63
Taurus	3.8L 232 CID OHV 12V V6	1988-1995	71
Taurus X	3.5L 3496 CC 213 CID DOHC 24V V6; Duratec	2008-2009	62
Tempo	2.0L 1989 CC 122 CID SOHC 8V L4 MAZDA	1984-1986	21
Tempo	2.3L 140 CID OHV 8V L4; HSC	1984	31
Tempo	2.3L 140 CID OHV 8V L4; HSC	1985-1987	30
Tempo	2.3L 140 CID OHV 8V L4; HSC	1988-1994	32
Tempo	3.0L 2986 CC 182 CID OHV 12V V6; Vulcan	1992-1994	53
Thunderbird	2.3L 140 CID SOHC 8V L4	1983-1988	28
Thunderbird	3.3L 200 CID OHV 12V L6	1980-1982	58
Thunderbird	3.8L 232 CID OHV 12V V6	1982-1987	70
Thunderbird	3.8L 232 CID OHV 12V V6	1988-1995	74
Thunderbird	3.8L 232 CID OHV 12V V6	1996-1997	75

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MODEL	ENGINE	YEAR	BLOCK
Thunderbird	4.2L 255 CID OHV 16V V8	1980-1982	95
Thunderbird	4.4L 4458 CC 272 CID OHV 16V V8	1955	98
Thunderbird	4.6L 281 CID SOHC 16V V8	1994-1997	104
Thunderbird	4.8L 4786 CC 292 CID OHV 16V V8	1955-1958	111
Thunderbird	4.8L 4786 CC 292 CID OHV 16V V8	1956	98
Thunderbird	5.0L 302 CID OHV 16V V8	1977-1981	91
Thunderbird	5.0L 302 CID OHV 16V V8	1983-1988	113
Thunderbird	5.0L 302 CID OHV 16V V8; HO	1991-1993	112
Thunderbird	5.1L 5114 CC 312 CID OHV 16V V8	1956	120
Thunderbird	5.1L 5114 CC 312 CID OHV 16V V8	1957	118
Thunderbird	5.1L 5114 CC 312 CID OHV 16V V8	1957	119
Thunderbird	5.4L 5441 CC 332 CID OHV 16V V8	1958-1959	126
Thunderbird	5.8L 351 CID OHV 16V V8; Windsor	1977-1979	131
Thunderbird	5.8L 351 CID OHV 16V V8; Modified	1977-1979	137
Thunderbird	5.8L 5769 CC 352 CID OHV 16V V8	1958-1960	140
Thunderbird	5.8L 5769 CC 352 CID OHV 16V V8	1960	139
Thunderbird	6.4L 6391 CC 390 CID OHV 16V V8	1961-1962	146
Thunderbird	6.4L 6391 CC 390 CID OHV 16V V8	1961-1967	147
Thunderbird	6.4L 6391 CC 390 CID OHV 16V V8	1961-1968	148
Thunderbird	6.4L 6391 CC 390 CID OHV 16V V8	1963-1965	149
Thunderbird	6.4L 6391 CC 390 CID OHV 16V V8	1965-1968	150
Thunderbird	6.6L 400 CID OHV 16V V8	1977-1978	129
Thunderbird	6.6L 6555 CC 400 CID OHV 16V V8	1971-1974	129
Thunderbird	6.6L 6556 CC 400 CID OHV 16V V8	1972	129
Thunderbird	6.6L 6654 CC 406 CID OHV 16V V8	1963	152
Thunderbird	6.6L 6654 CC 406 CID OHV 16V V8	1963	146
Thunderbird	7.0L 6997 CC 427 CID OHV 16V V8	1963-1965	155
Thunderbird	7.0L 6997 CC 427 CID OHV 16V V8	1963-1967	154
Thunderbird	7.0L 6997 CC 427 CID OHV 16V V8	1966-1967	156
Thunderbird	7.0L 7014 CC 428 CID OHV 16V V8; Police	1966-1967	141
Thunderbird	7.0L 7014 CC 428 CID OHV 16V V8; Cobra Jet/Super CJ	1966-1969	158
Thunderbird	7.0L 7030 CC 429 CID OHV 16V V8	1968-1973	161
Thunderbird	7.5L 460 CID OHV 16V V8	1975-1976	161
Thunderbird	7.5L 7539 CC 460 CID OHV 16V V8	1972-1974	160
Topaz	2.0L 1989 CC 122 CID SOHC 8V L4 MAZDA	1984-1986	21
Topaz	2.3L 140 CID OHV 8V L4; HSC	1984	31
Topaz	2.3L 140 CID OHV 8V L4; HSC	1985-1987	30
Topaz	2.3L 140 CID OHV 8V L4; HSC	1988-1994	32
Topaz	3.0L 2986 CC 182 CID OHV 12V V6; Vulcan	1992-1994	53
Torino	3.3L 3277 CC 200 CID OHV 12V L6	1968	59
Torino	3.3L 3278 CC 200 CID OHV 12V L6	1968	57
Torino	4.1L 4097 CC 250 CID OHV 12V L6	1969-1974	83
Torino	4.1L 4098 CC 250 CID OHV 12V L6	1969-1974	83
Torino	5.0L 4949 CC 302 CID OHV 16V V8	1968-1974	112
Torino	5.8L 351 CID OHV 16V V8; Windsor	1975-1976	131
Torino	5.8L 351 CID OHV 16V V8; Modified	1975-1976	137
Torino	5.8L 5752 CC 351 CID OHV 16V V8; Windsor	1969-1974	136
Torino	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland Cobra Jet	1970-1974	127
Torino	5.8L 5752 CC 351 CID OHV 16V V8; Cleveland Boss	1971	130
Torino	5.8L 5753 CC 351 CID OHV 16V V8; Windsor	1969-1974	136



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MODEL	ENGINE	YEAR	BLOCK
Torino	5.8L 5753 CC 351 CID OHV 16V V8; Cleveland	1970-1974	127
Torino	6.4L 6391 CC 390 CID OHV 16V V8	1968-1969	150
Torino	6.4L 6391 CC 390 CID OHV 16V V8; GT	1968-1970	141
Torino	6.6L 400 CID OHV 16V V8	1975-1976	129
Torino	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	129
Torino	6.6L 6556 CC 400 CID OHV 16V V8	1972-1974	129
Torino	7.0L 6997 CC 427 CID OHV 16V V8	1968	156
Torino	7.0L 7014 CC 428 CID OHV 16V V8; Cobra Jet/Super CJ	1968-1970	158
Torino	7.0L 7014 CC 428 CID OHV 16V V8; Police	1969-1970	141
Torino	7.0L 7030 CC 429 CID OHV 16V V8	1970-1973	161
Torino	7.5L 460 CID OHV 16V V8	1975-1976	161
Torino	7.5L 460 CID OHV 16V V8; HO	1975-1976	160
Torino	7.5L 7539 CC 460 CID OHV 16V V8; Police	1973-1974	160
Town Car	4.6L 281 CID SOHC 16V V8	1991-2011	104
Town Car	4.6L 281 CID SOHC 16V V8	1995-2007	99
Town Car	4.6L 281 CID SOHC 16V V8	2006-2011	101
Town Car	5.0L 302 CID OHV 16V V8	1981-1990	113
Tracer	1.6L 1598 CC 98 CID SOHC 8V L4	1988-1990	11
Tracer	1.8L 112 CID DOHC 16V L4 MAZDA	1991-1996	12
Tracer	1.9L 116 CID SOHC 8V L4	1991-1996	14
Tracer	2.0L 1989 CC 121 CID SOHC 8V L4	1997-1999	14
Transit-150	3.7L 3726 CC 227 CID DOHC 24V V6	2015-2017	63
Transit-250	3.7L 3726 CC 227 CID DOHC 24V V6	2015-2017	63
Transit-350	3.7L 3726 CC 227 CID DOHC 24V V6	2015-2017	63
Transit-350 HD	3.7L 3726 CC 227 CID DOHC 24V V6	2015-2017	63
Transit Connect	2.0L 121 CID DOHC 16V L4; Duratec	2010-2013	19
Transit Connect	2.5L 2488 CC 152 CID DOHC 16V L4; Duratec	2014-2017	20
Versailles	5.0L 302 CID OHV 16V V8	1977-1980	91
Versailles	5.8L 351 CID OHV 16V V8; Windsor	1977	131
Victoria	3.5L 3524 CC 215 CID OHV 12V L6	1952-1953	67
Victoria	3.6L 3655 CC 223 CID OHV 12V L6	1954-1959	68
Victoria	3.9L 3924 CC 239 CID L-HEAD 16V V8	1951-1953	93
Victoria	4.2L 4186 CC 255 CID L-HEAD 16V V8	1953	94
Victoria	4.2L 4196 CC 256 CID OHV 16V V8	1954	96
Victoria	4.4L 4458 CC 272 CID OHV 16V V8	1955-1957	98
Victoria	4.8L 4786 CC 292 CID OHV 16V V8	1955-1960	111
Victoria	4.8L 4786 CC 292 CID OHV 16V V8	1956	98
Victoria	5.1L 5114 CC 312 CID OHV 16V V8	1956	120
Victoria	5.1L 5114 CC 312 CID OHV 16V V8	1957	118
Victoria	5.4L 5441 CC 332 CID OHV 16V V8	1958-1959	124
Victoria	5.4L 5441 CC 332 CID OHV 16V V8	1958-1959	126
Victoria	5.8L 5769 CC 352 CID OHV 16V V8	1958-1960	140
Victoria	5.8L 5769 CC 352 CID OHV 16V V8	1960	139
Victoria	5.9L 5917 CC 361 CID OHV 16V V8	1958-1959	143
Villager	3.3L 3275 CC SOHC 12V V6 NISSAN	1999-2002	50
Villager	2.4L 2360 CC 144 CID OHV 12V L6	1962-1963	40
Villager	2.8L 2786 CC 170 CID OHV 12V L6	1963-1967	44
Villager	3.0L 182 CID SOHC 12V V6 NISSAN	1993-1998	50
Villager	3.3L 3277 CC 200 CID OHV 12V L6	1963-1967	59
Villager	3.6L 3622 CC 221 CID OHV 16V V8	1962-1963	91

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MODEL	ENGINE	YEAR	BLOCK
Villager	4.3L 4261 CC 260 CID OHV 16V V8	1962-1965	97
Villager	4.7L 4727 CC 289 CID OHV 16V V8	1964-1967	110
Villager	6.4L 6391 CC 390 CID OHV 16V V8	1966-1967	148
Villager	6.4L 6391 CC 390 CID OHV 16V V8; GT	1966-1967	141
Villager	6.4L 6391 CC 390 CID OHV 16V V8	1966-1967	150
Villager	7.0L 6997 CC 427 CID OHV 16V V8	1964-1965	155
Villager	7.0L 6997 CC 427 CID OHV 16V V8	1964-1967	154
Villager	7.0L 6997 CC 427 CID OHV 16V V8	1966-1967	156
Voyager	2.8L 2786 CC 170 CID OHV 12V L6	1966-1967	44
Voyager	3.3L 3277 CC 200 CID OHV 12V L6	1966-1967	59
Voyager	4.7L 4727 CC 289 CID OHV 16V V8	1966-1967	110
Voyager	5.1L 5114 CC 312 CID OHV 16V V8	1957-1958	119
Voyager	5.1L 5114 CC 312 CID OHV 16V V8	1957-1958	120
Voyager	5.1L 5114 CC 312 CID OHV 16V V8	1959	118
Voyager	6.4L 6391 CC 390 CID OHV 16V V8	1966-1967	148
Voyager	6.4L 6391 CC 390 CID OHV 16V V8; GT	1966-1967	141
Voyager	6.4L 6391 CC 390 CID OHV 16V V8	1966-1967	150
Voyager	7.0L 6997 CC 427 CID OHV 16V V8	1966-1967	154
Voyager	7.0L 6997 CC 427 CID OHV 16V V8	1966-1967	156
Windstar	3.0L 2986 CC 182 CID OHV 12V V6; Vulcan	1995-2000	52
Windstar	3.8L 232 CID OHV 12V V6	1995-2003	72
Windstar	3.8L 232 CID OHV 12V V6	1995-2003	73
Zephyr	2.3L 140 CID SOHC 8V L4	1978-1983	28
Zephyr	3.0L 2968 CC 181 CID DOHC 24V V6; Duratec	2006	42
Zephyr	3.0L 183 CID DOHC 24V V6; Duratec	2006	42
Zephyr	3.3L 200 CID OHV 12V L6	1978-1979	60
Zephyr	3.3L 200 CID OHV 12V L6	1980-1983	58
Zephyr	4.2L 255 CID OHV 16V V8	1980-1982	95
Zephyr	5.0L 302 CID OHV 16V V8	1978-1979	91

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1.0L 997 CC 61 CID OHV 8V L4 FORD EUROPE 105E (1959-1967)				3.190"/81.0mm		1.910"/48.4mm	1
	1.2L 1198 CC 73 CID OHV 8V L4 FORD EUROPE 113E, 114E, 308E (1963-1964)				3.190"/81.0mm		2.280"/58.0mm	
	1.3L 1340 CC 82 CID OHV 8V L4 FORD EUROPE 123E, 124E (1962-1964)				3.190"/81.0mm		2.560"/65.1mm	
	1.5L 1498 CC 92 CID OHV 8V L4 FORD EUROPE 3017E (1963-1967)				3.190"/81.0mm		2.860"/72.7mm	
Connecting Rod Bearing Pair (4)	TM-77	CB-603P	STD,10	1.9370/1.9375	0.0011/0.0031	0.0722	2.0825/2.0830	0.8800



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
4 CYL (cont.)									
2	1.2L 1198 CC 73 CID OHV 8V L4 FORD EUROPE 123E (1962-1967)			3.190"/81.0mm x 2.280"/58.0mm					2
	1.5L 1498 CC 92 CID OHV 8V L4 FORD EUROPE 118E (1963-1967)			3.190"/81.0mm x 2.860"/72.7mm					
	1.6L 1599 CC 98 CID OHV 8V L4 FORD; British (1967-1970)			3.190"/81.0mm x 3.070"/78.0mm					
	1.6L 1599 CC 98 CID OHV 8V L4 FORD 2737E VIN Codes: 'L' (1970-1972), 'W' (1971-1973)			3.190"/81.0mm x 3.060"/77.6mm					
	1.6L 1599 CC 98 CID OHV 8V L4 FORD EUROPE 3036E (1967-1970)			3.190"/81.0mm x 3.060"/77.6mm					
Connecting Rod Bearing Pair (4)		TM-77	CB-603P	STD,10	1.9370/1.9375	0.0011/0.0031	0.0722 2.0825/2.0830	0.8800	
Camshaft Bearing Set		B-1	SH-711S	STD					
1			SH-711	1.5597/1.5605	0.0010/0.0040	0.0638	1.6885/1.6895	0.8000	
2			SH-712	1.5597/1.5605	0.0010/0.0040	0.0638	1.6885/1.6895	0.6900	
3			SH-713	1.5597/1.5605	0.0010/0.0040	0.0638	1.6885/1.6895	0.8000	
3	1.3L 1295 CC SOHC 8V L4 MAZDA VIN Codes: 'H' (1994-1997), 'K' (1988-1989)			2.800"/71.0mm x 3.290"/83.6mm					3
	Connecting Rod Bearing Pair (4)			CB-1279A	STD,.25mm,.50mm,.75mm,1.00mm	1.5724/1.5730	0.0010/0.0031	0.0596 1.6929/1.6935	
Connecting Rod Bearing Set		AL-5	CB-1279A(4)	STD,.25mm,.50mm,.75mm,1.00mm	1.5724/1.5730	0.0010/0.0031	0.0596 1.6929/1.6935	0.6740	
Main Bearing Set		AL-3	MS-1802A	STD,.25mm,.50mm,.75mm					
1,2,3,4,5			MS-1802AL MB1802A	1.9683		0.0792	2.1260	0.6940	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-472S									
Thrust Washer Set			TW-472S MB-3173W	STD	2.2539		2.7165	0.1000	
4	1.3L 1299 CC 79 CID SOHC 8V L4 FORD (1998-2000)			2.910"/74.0mm x 2.970"/75.5mm					4
	1.6L 1596 CC 97 CID SOHC 8V L4 FORD (2003-2004)			3.230"/82.1mm x 2.970"/75.5mm					
Main Bearing Set		AL-5	MS-2314A	STD,.25mm,.50mm,.75mm					
1-2-3-4-5			MB-7004A	2.2437/2.2441		0.0711	2.3867/2.3872	0.7240	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-706S									
Thrust Washer Set			TW-706S MB7007W	STD					
5	1.5L 1498 CC 92 CID OHV 8V L4 FORD EUROPE 3034E (1962-1967)			3.190"/81.0mm x 2.860"/72.7mm					5
Connecting Rod Bearing Pair (4)		AL-5	CB-723A	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553 2.2370/2.2378	0.6490	
For Year: 1962									
6	1.6L 1596 CC 97 CID SOHC 8V L4 FORD (2001-2008)			3.110"/79.0mm x 3.200"/81.4mm					6
	Connecting Rod Bearing Set		AL-5	CB-1927A(4)	STD,.25mm,.50mm,.75mm	1.6138/1.6146		0.0583 1.7319/1.7327	
For Years: 2002 - 2008									



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
6 (cont.)	1.6L 1596 CC 97 CID SOHC 8V L4 FORD (2001-2008)			3.110"/79.0mm x 3.200"/81.4mm				6 (cont.)
Main Bearing Set	AL-5	MS-2314A	STD, .25mm, .50mm, .75mm					
1-2-3-4-5		MB-7004A		2.2437/2.2441		0.0711	2.3867/2.3872	0.7240
For Years: 2001 - 2004 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-706S								
Thrust Washer Set		TW-706S	STD					
		MB7007W						
7	1.6L 1596 CC 97 CID OHV 8V L4 FORD (2001)			3.110"/79.0mm x 3.200"/81.4mm				7
Connecting Rod Bearing Set	AL-5	CB-1927A(4)	STD, .25mm, .50mm, .75mm	1.6138/1.6146		0.0583	1.7319/1.7327	0.7070
Main Bearing Set	AL-5	MS-2314A	STD, .25mm, .50mm, .75mm					
1-2-3-4-5		MB-7004A		2.2437/2.2441		0.0711	2.3867/2.3872	0.7240
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-706S								
8	1.6L 1596 CC 97 CID SOHC 8V L4 FORD 99N (2008)			3.110"/79.0mm x 3.200"/81.4mm				8
Connecting Rod Bearing Set	AL-5	CB-1927A(4)	STD, .25mm, .50mm, .75mm	1.6138/1.6146		0.0583	1.7319/1.7327	0.7070
Thrust Washer Set		TW-706S	STD					
		MB7007W						
9	1.6L 1598 CC 98 CID OHV 8V L4 FORD (1978-1980)			3.030"/76.9mm x 3.390"/86.0mm				9
Connecting Rod Bearing Pair (4)	TM-77	CB-603P	STD, 10	1.9370/1.9375	0.0011/0.0031	0.0722	2.0825/2.0830	0.8800
Camshaft Bearing Set	B-1	SH-711S	STD					
1		SH-711		1.5597/1.5605	0.0010/0.0040	0.0638	1.6885/1.6895	0.8000
2		SH-712		1.5597/1.5605	0.0010/0.0040	0.0638	1.6885/1.6895	0.6900
3		SH-713		1.5597/1.5605	0.0010/0.0040	0.0638	1.6885/1.6895	0.8000
Auxiliary Shaft Bearing Front	B-1	SH-1094S	STD					
		SH-1094		1.6517/1.6527	0.0006/0.0032	0.0619	1.7745/1.7755	0.5100
10	1.6L 1598 CC 98 CID SOHC 8V L4 FORD VIN Codes: '2' (1981-1985), '4' (1982-1985), '8' (1984-1985)			3.150"/80.0mm x 3.130"/79.5mm				10
Connecting Rod Bearing Pair (8)	TM-77	CB-1276P	STD	1.8854/1.8862	0.0011/0.0027	0.0586	2.0035/2.0043	0.7680
Main Bearing Set (8)	TM-77	MS-1557P	STD					
1-2-4-5		MB-2865P		2.2827/2.2835	0.0006/0.0030	0.0842	2.4522/2.4528	0.8870
3		MB-2866P(F)		2.2827/2.2835	0.0006/0.0030	0.0842	2.4522/2.4528	1.1310
11	1.6L 1598 CC 98 CID SOHC 8V L4 FORD VIN Code: '5' (1983-1985, 1988-1990)			3.150"/80.0mm x 3.130"/79.5mm				11
Connecting Rod Bearing Pair (4)	AL-3	CB-1453A	STD, .25mm, .50mm, .75mm	1.7693/1.7699	0.0011/0.0027	0.0594	1.8898/1.8904	0.6740
For Years: 1988 - 1990								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
11 (cont.)	1.6L 1598 CC 98 CID SOHC 8V L4 FORD VIN Code: '5' (1983-1985, 1988-1990)			3.150"/80.0mm x 3.130"/79.5mm				11 (cont.)
Connecting Rod Bearing Pair (8) For Years: 1983 - 1985	TM-77	CB-1276P	STD	1.8854/1.8862	0.0011/0.0027	0.0586	2.0035/2.0043	0.7680
Connecting Rod Bearing Set For Years: 1988 - 1990	AL-3	CB-1453A(4)	STD, .25mm, .50mm, .75mm	1.7693/1.7699	0.0011/0.0027	0.0594	1.8898/1.8904	0.6740
Main Bearing Set 1,2,3,4,5 For Years: 1988 - 1990 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-472S	AL-3	MS-1802A MS-1802AL MB1802A	STD, .25mm, .50mm, .75mm	1.9683		0.0792	2.1260	0.6940
Main Bearing Set (8) 1-2-4-5 3 For Years: 1983 - 1985	TM-77	MS-1557P MB-2865P MB-2866P(F)	STD	2.2827/2.2835 2.2827/2.2835	0.0006/0.0030 0.0006/0.0030	0.0842	2.4522/2.4528 2.4522/2.4528	0.8870 1.1310
Thrust Washer Set For Years: 1988 - 1990		TW-472S MB-3173W	STD	2.2539			2.7165	0.1000
12	1.6L 1598 CC 98 CID DOHC 16V L4 MAZDA VIN Codes: '6' (1991-1994), 'Z' (1991-1994) 1.8L 112 CID DOHC 16V L4 MAZDA VIN Code: '8' (1991-1996)			3.070"/78.0mm x 3.290"/83.6mm				12
				3.270"/83.0mm x 3.350"/85.0mm				
Connecting Rod Bearing Pair (4)	AL-3	CB-1453A	STD, .25mm, .50mm, .75mm	1.7693/1.7699	0.0011/0.0027	0.0594	1.8898/1.8904	0.6740
Connecting Rod Bearing Set	AL-3	CB-1453A(4)	STD, .25mm, .50mm, .75mm	1.7693/1.7699	0.0011/0.0027	0.0594	1.8898/1.8904	0.6740
Main Bearing Set 1,2,3,4,5 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-472S	AL-3	MS-1802A MS-1802AL MB1802A	STD, .25mm, .50mm, .75mm	1.9683		0.0792	2.1260	0.6940
Thrust Washer Set		TW-472S MB-3173W	STD	2.2539			2.7165	0.1000
13	1.8L 110 CID SOHC 8V L4 MAZDA VIN Code: 'A' (1977-1978) 1.8L 1796 CC 110 CID SOHC 8V L4 MAZDA VB VIN Code: 'A' (1972-1974) 2.0L 1989 CC 122 CID SOHC 8V L4 MAZDA VIN Codes: '1' (1980-1982), 'C' (1979-1980)			3.070"/78.0mm x 3.700"/94.0mm				13
				3.450"/87.5mm x 3.270"/83.0mm				
Connecting Rod Bearing Pair (4)	AL-5	CB-1110A	STD, .25mm, .50mm, .75mm	2.0842/2.0848	0.0014/0.0036	0.0596	2.2049/2.2055	0.8710
Connecting Rod Bearing Set	AL-5	CB-1110A(4)	STD, .25mm, .50mm, .75mm	2.0842/2.0848	0.0014/0.0036	0.0596	2.2049/2.2055	0.8710
Thrust Washer Set		TW-231S MB-649W(L) MB-649W(U)	STD	2.7560/2.7760 2.7560/2.7760			3.3660/3.3860 3.3660/3.3860	0.0800 0.0800



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
4 CYL (cont.)									
13 (cont.)	1.8L 110 CID SOHC 8V L4 MAZDA VIN Code: 'A' (1977-1978)			3.070"/78.0mm x 3.700"/94.0mm					13 (cont.)
	1.8L 1796 CC 110 CID SOHC 8V L4 MAZDA VB VIN Code: 'A' (1972-1974)			3.070"/78.0mm x 3.700"/94.0mm					
	2.0L 1989 CC 122 CID SOHC 8V L4 MAZDA VIN Codes: '1' (1980-1982), 'C' (1979-1980)			3.450"/87.5mm x 3.270"/83.0mm					
Camshaft Bearing Set									
	B-1	SH-1066S	STD						
1		SH-1066		1.7695/1.7701	0.0007/0.0039	0.0793	1.9295/1.9305	0.9500	
2-3		SH-1067		1.7695/1.7701	0.0007/0.0039	0.0793	1.9295/1.9305	0.7140	
14	1.9L 116 CID SOHC 8V L4 FORD VIN Codes: '9' (1987-1990), 'J' (1991-1996)			3.230"/82.0mm x 3.460"/88.0mm					14
	2.0L 1989 CC 121 CID SOHC 8V L4 FORD VIN Code: 'P' (1997-2004)			3.340"/84.8mm x 3.460"/88.0mm					
Connecting Rod Bearing Pair (4)	AL-5	CB-1380A	STD, .25mm, .50mm, .75mm	1.7279/1.7287	0.0001/0.0021	0.0587	1.8460/1.8468	0.7680	
Connecting Rod Bearing Set	AL-5	CB-1380A(4)	STD, .25mm, .50mm, .75mm	1.7279/1.7287	0.0001/0.0021	0.0587	1.8460/1.8468	0.7680	
Main Bearing Set	AL-5	MS-1706A	STD, .25mm, .50mm, .75mm						
1-2-4-5		MB-3073A		2.2827/2.2835	0.0011/0.0035	0.0838	2.4522/2.4528	0.8890	
3		MB-3074A(F)		2.2827/2.2835	0.0011/0.0035	0.0838	2.4522/2.4528	1.1310	
Main Bearing Set	TM-77	MS-1706P	STD, .25mm						
1-2-4-5		MB-3073P		2.2827/2.2835	0.0011/0.0035	0.0838	2.4522/2.4528	0.8890	
3		MB-3074P(F)		2.2827/2.2835	0.0011/0.0035	0.0838	2.4522/2.4528	1.1310	
15	1.9L 116 CID SOHC 8V L4 FORD VIN Code: '9' (1985-1986)			3.230"/82.0mm x 3.460"/88.0mm					15
Connecting Rod Bearing Pair (4)	TM-77	CB-1276P	STD	1.8854/1.8862	0.0011/0.0027	0.0586	2.0035/2.0043	0.7680	
Main Bearing Set	AL-5	MS-1706A	STD, .25mm, .50mm, .75mm						
1-2-4-5		MB-3073A		2.2827/2.2835	0.0011/0.0035	0.0838	2.4522/2.4528	0.8890	
3		MB-3074A(F)		2.2827/2.2835	0.0011/0.0035	0.0838	2.4522/2.4528	1.1310	
Main Bearing Set	TM-77	MS-1706P	STD, .25mm						
1-2-4-5		MB-3073P		2.2827/2.2835	0.0011/0.0035	0.0838	2.4522/2.4528	0.8890	
3		MB-3074P(F)		2.2827/2.2835	0.0011/0.0035	0.0838	2.4522/2.4528	1.1310	
16	1.9L 116 CID SOHC 8V L4 FORD VIN Code: 'J' (1986-1990)			3.230"/82.0mm x 3.460"/88.0mm					16
Connecting Rod Bearing Pair (4)	AL-5	CB-1380A	STD, .25mm, .50mm, .75mm	1.7279/1.7287	0.0001/0.0021	0.0587	1.8460/1.8468	0.7680	
For Years: 1987 - 1990									
Connecting Rod Bearing Pair (4)	TM-77	CB-1276P	STD	1.8854/1.8862	0.0011/0.0027	0.0586	2.0035/2.0043	0.7680	
For Year: 1986									
Connecting Rod Bearing Set	AL-5	CB-1380A(4)	STD, .25mm, .50mm, .75mm	1.7279/1.7287	0.0001/0.0021	0.0587	1.8460/1.8468	0.7680	
For Years: 1987 - 1990									
Main Bearing Set	AL-5	MS-1706A	STD, .25mm, .50mm, .75mm						
1-2-4-5		MB-3073A		2.2827/2.2835	0.0011/0.0035	0.0838	2.4522/2.4528	0.8890	
3		MB-3074A(F)		2.2827/2.2835	0.0011/0.0035	0.0838	2.4522/2.4528	1.1310	



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
16 (cont.)	1.9L 116 CID SOHC 8V L4 FORD VIN Code: 'J' (1986-1990)			3.230"/82.0mm x 3.460"/88.0mm				16 (cont.)
Main Bearing Set 1-2-4-5 3	TM-77	MS-1706P MB-3073P MB-3074P(F)	STD,.25mm	2.2827/2.2835 2.2827/2.2835	0.0011/0.0035 0.0011/0.0035	0.0838 0.0838	2.4522/2.4528 2.4522/2.4528	0.8890 1.1310
17	2.0L 1962 CC 120 CID L-HEAD 8V L4 FORD 1N, 2N (1942)			3.190"/81.0mm x 3.750"/95.3mm				17
Connecting Rod Bearing Pair (4)	TM-77	CB-200P	STD,2,10,20,30,40	2.0935/2.0945	0.0004/0.0029	0.0623	2.2195/2.2200	1.1300
18	2.0L 1989 CC 121 CID DOHC 16V L4 FORD; Zetec VIN Codes: '3' (1995-2004), '5' (2002-2004), 'B' (2001-2004), 'Z' (1996-2000)			3.340"/84.8mm x 3.460"/88.0mm				18
Connecting Rod Bearing Pair (4)	AL-5	CB-1774A	STD,.25mm,.50mm,.75mm	1.8461/1.8468	0.0004/0.0017	0.0585	1.9642/1.9650	0.8020
Connecting Rod Bearing Pair (4) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	TM-77	CB-1793P-.50mm		1.8461/1.8468	0.0008/0.0017	0.0595	1.9662/1.9670	0.8020
Connecting Rod Bearing Set	AL-5	CB-1774A(4)	STD,.25mm,.50mm,.75mm	1.8461/1.8468	0.0008/0.0017	0.0585	1.9642/1.9650	0.8020
Main Bearing Set 1-2-4-5 3	AL-5	MS-2208A MB-3753A MB-3754A(F)	STD,.25mm,.50mm,.75mm	2.2827/2.2834 2.2827/2.2834	0.0003/0.0016 0.0007/0.0030	0.0842 0.0842	2.4522/2.4528 2.4522/2.4528	0.7710 0.9730
19	2.0L 121 CID DOHC 16V L4 FORD; Duratec VIN Code: 'N' (2005-2013)			3.440"/87.4mm x 3.270"/83.0mm				19
Connecting Rod Bearing Pair (4) For Years: 2005 - 2011	AL-5	CB-1840A	STD,.25mm,.50mm	1.8496/1.8503	0.0007/0.0029	0.0592	1.9695/1.9703	0.6650
Connecting Rod Bearing Pair (4) For Years: 2005 - 2011 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1841AL-.50mm						
Connecting Rod Bearing Set For Years: 2005 - 2011	AL-5	CB-1840A(4)	STD,.25mm,.50mm	1.8496/1.8503	0.0007/0.0029	0.0592	1.9695/1.9703	0.6650
Main Bearing Set	AL-5	MS-2245A MB3822ALL MB3822ALU MB4029AU	STD,.25mm,.50mm	2.0464/2.0472 2.0464/2.0472		0.0986 0.0986	2.2488/2.2455 2.2448/2.2455	0.7520 0.7520 1.0149



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
20	2.0L 121 CID DOHC 16V L4 FORD; Duratec VIN Code: '2' (2012)			3.440"/87.4mm x 3.270"/83.0mm			20	
	2.0L 1999 CC 122 CID DOHC 16V L4 FORD; EcoBoost VIN Code: '9' (2015-2017)			3.440"/87.5mm x 3.270"/83.1mm				
	2.0L 1999 CC 122 CID DOHC 16V L4 FORD; Atkinson VIN Code: 'U' (2013-2017)			3.440"/87.5mm x 3.270"/83.1mm				
	2.0L 1999 CC 122 CID DOHC 16V L4 FORD; PZEV VIN Code: '2' (2013-2016)			3.440"/87.5mm x 3.270"/83.1mm				
	2.0L 1999 CC 122 CID DOHC 16V L4 FORD; Duratec VIN Code: '2' (2013-2014)			3.440"/87.5mm x 3.270"/83.1mm				
	2.0L 1997 CC 122 CID DOHC 16V L4 FORD C346ST (2013)			3.440"/87.5mm x 3.270"/83.1mm				
	2.3L 2300 CC 140 CID DOHC 16V L4 FORD 99H; EcoBoost VIN Code: 'H' (2016-2017)			3.450"/87.6mm x 3.700"/94.0mm				
	2.5L 2488 CC 152 CID DOHC 16V L4 FORD; i-VCT VIN Code: '7' (2017)			3.500"/88.9mm x 3.940"/100.1mm				
	2.5L 2488 CC 152 CID DOHC 16V L4 FORD; Duratec VIN Code: '7' (2014-2017)			3.500"/88.9mm x 3.940"/100.1mm				
Main Bearing Set	AL-5	MS-2245A	STD, .25mm, .50mm					
		MB3822ALL		2.0464/2.0472		0.0986	2.2488/2.2455	0.7520
		MB3822ALU		2.0464/2.0472		0.0986	2.2448/2.2455	0.7520
		MB4029AU						1.0149
21	2.0L 1989 CC 122 CID SOHC 8V L4 MAZDA VIN Code: 'H' (1984-1987)			3.390"/86.0mm x 3.390"/86.0mm			21	
Connecting Rod Bearing Pair (4)	AL-5	CB-1362A	STD, .25mm	2.0055/2.0061	0.0012/0.0026	0.0594	2.1261/2.1267	0.8320
Connecting Rod Bearing Set	AL-5	CB-1362A(4)	STD, .25mm, .50mm, .75mm	2.0055/2.0061	0.0012/0.0026	0.0594	2.1261/2.1267	0.8320
Camshaft Bearing Set	AL-3	SH-777S	STD					
1-2-3-4		SH-777		1.7713/1.7720	0.0010/0.0039	0.0638	1.9006/1.9016	0.6980
Auxiliary Shaft Bearing Set	B-1	SH-1095S	STD					
Front		SH-1095		1.6522/1.6530	0.0007/0.0047	0.0717	1.7968/1.7980	0.5100
Rear		SH-1096		1.6522/1.6530	0.0007/0.0047	0.0619	1.7772/1.7783	0.5100
22	2.0L 1989 CC 122 CID SOHC 8V L4 FORD VIN Code: 'C' (1987-1988)			3.520"/89.4mm x 3.130"/79.4mm			22	
Connecting Rod Bearing Pair (4)	AL-5	CB-984A	STD, .25mm, .50mm, .75mm, 1.00mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Connecting Rod Bearing Pair (4)	TM-77	CB-984P	STD, .25mm, .50mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Connecting Rod Bearing Set	AL-5	CB-984A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Connecting Rod Bearing Set	TM-77	CB-984P(4)	STD, .25mm, .50mm, .75mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Main Bearing Set	AL-5	MS-1117A	STD, .25mm, .50mm, .75mm					
1-2-4-5		MB-2612A		2.3982/2.3990	0.0005/0.0031	0.0956	2.5902/2.5910	0.9500
3		MB-2613A(F)		2.3982/2.3990	0.0005/0.0031	0.0956	2.5902/2.5910	1.1950



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
22 (cont.)	2.0L 1989 CC 122 CID SOHC 8V L4 FORD VIN Code: 'C' (1987-1988)			3.520"/89.4mm x 3.130"/79.4mm				22 (cont.)
Main Bearing Set 1-2-4-5 3	TM-77	MS-1117P MB-2612P MB-2613P(F)	STD, .25mm, .50mm	2.3982/2.3990 2.3982/2.3990	0.0005/0.0031 0.0005/0.0031	0.0956 0.0956	2.5902/2.5910 2.5902/2.5910	0.9500 1.1950
NOTE: 1 Spark Plug Per Cylinder								
Camshaft Bearing Set 1-2-3-4	AL-3	SH-777S SH-777	STD	1.7713/1.7720	0.0010/0.0039	0.0638	1.9006/1.9016	0.6980
Auxiliary Shaft Bearing Set Front Rear	B-1	SH-1095S SH-1095 SH-1096	STD	1.6522/1.6530 1.6522/1.6530	0.0007/0.0047 0.0007/0.0047	0.0717 0.0619	1.7968/1.7980 1.7772/1.7783	0.5100 0.5100
23	2.0L 1993 CC 122 CID SOHC 8V L4 FORD VIN Code: 'X' (1971-1974)			3.570"/90.8mm x 3.030"/76.9mm				23
Connecting Rod Bearing Pair (4) For Years: 1972 - 1974	AL-5	CB-1110A	STD, .25mm, .50mm, .75mm	2.0842/2.0848	0.0014/0.0036	0.0596	2.2049/2.2055	0.8710
Connecting Rod Bearing Pair (4)	TM-77	CB-943P	STD, .25mm	2.0472	0.0030	0.0588	2.1661	0.7930
Connecting Rod Bearing Set For Years: 1972 - 1974	AL-5	CB-1110A(4)	STD, .25mm, .50mm, .75mm	2.0842/2.0848	0.0014/0.0036	0.0596	2.2049/2.2055	0.8710
Main Bearing Set 1-2-3-4-5		MS-1084P MB-409P	STD, .25mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-218S								
Camshaft Bearing Set 1 2 3	B-1	SH-733S SH-128 SH-129 SH-130	STD	1.6530/1.6540 1.7560/1.7570 1.7710/1.7720	0.0005/0.0047 0.0006/0.0048 0.0006/0.0048	0.0600 0.0600 0.0600	1.7745/1.7757 1.8776/1.8788 1.8926/1.8938	0.7970 0.6790 0.6400
Auxiliary Shaft Bearing Front	B-1	SH-1094S SH-1094	STD	1.6517/1.6527	0.0006/0.0032	0.0619	1.7745/1.7755	0.5100
24	2.0L 2000 CC 122 CID DOHC 16V L4 FORD EcoBoost (2013) 2.0L 1999 CC 122 CID DOHC 16V L4 FORD; EcoBoost VIN Code: '9' (2012-2013) 2.0L 1999 CC 122 CID DOHC 16V L4 FORD 999 (2013)			3.440"/87.5mm x 3.270"/83.1mm				24
Connecting Rod Bearing Set For Years: 2012 - 2014	AL-5	CB-1925A(4)	STD, .25mm, .50mm	2.0465/2.0472	0.0004/0.0022	0.0593	2.1662/2.1667	0.6650
Main Bearing Set	AL-5	MS-2245A MB3822ALL MB3822ALU MB4029AU	STD, .25mm, .50mm	2.0464/2.0472 2.0464/2.0472		0.0986 0.0986	2.2488/2.2455 2.2448/2.2455	0.7520 0.7520 1.0149
25	2.0L 1989 CC 122 CID DOHC 16V L4 MAZDA VIN Code: 'A' (1993-1997)			3.270"/83.0mm x 3.620"/92.0mm				25
Connecting Rod Bearing Pair (4)	TM-1	CB-1652P	STD, .25mm, .50mm	1.8874/1.8880	0.0009/0.0020	0.0596	2.0079/2.0085	0.6744



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
25 (cont.)	2.0L 1989 CC 122 CID DOHC 16V L4 MAZDA VIN Code: 'A' (1993-1997)			3.270"/83.0mm x 3.620"/92.0mm				25 (cont.)
Connecting Rod Bearing Set	TM-1	CB-1652P(4)	STD	1.8874/1.8880	0.0009/0.0020	0.0596	2.0079/2.0085	0.6744
Main Bearing Set		MS-2057A	STD,.25mm,.50mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-596S								
Thrust Washer Set	TM-77	TW-596S MB-3544W	STD	2.4507		0.0100	3.2283	
26	2.2L 133 CID SOHC 12V L4 MAZDA VIN Codes: 'C' (1989-1992), 'L' (1989-1992)			3.390"/86.1mm x 3.700"/94.0mm				26
Connecting Rod Bearing Pair (4)	AL-5	CB-1362A	STD,.25mm	2.0055/2.0061	0.0012/0.0026	0.0594	2.1261/2.1267	0.8320
Connecting Rod Bearing Set	AL-5	CB-1362A(4)	STD,.25mm,.50mm,.75mm	2.0055/2.0061	0.0012/0.0026	0.0594	2.1261/2.1267	0.8320
Main Bearing Set		MS-1803A	STD,.25mm,.50mm,.75mm					
27	2.3L 134 CID OHV 8V L4 MITSUBISHI VIN Code: 'T' (1985-1986)			3.590"/91.2mm x 3.540"/88.9mm				27
Connecting Rod Bearing Pair (4)	AL-3	CB-1220A	STD,.25mm,.50mm,.75mm,1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
Connecting Rod Bearing Set	AL-3	CB-1220A(4)	STD,.25mm,.50mm,.75mm,1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
28	2.3L 140 CID SOHC 8V L4 FORD VIN Codes: '2' (1981-1982), 'B' (1977) 2.3L 2302 CC 140 CID SOHC 8V L4 FORD VIN Code: 'Y' (1974) 2.3L 140 CID SOHC 8V L4 FORD VIN Codes: 'A' (1989-1997), 'M' (1991-1993), 'T' (1984-1986, 1988), 'W' (1983-1987), 'Y' (1975-1979) 2.3L 2295 CC 140 CID SOHC 8V L4 FORD VIN Code: 'Y' (1974)			3.440"/87.4mm x 3.700"/94.0mm				28
Connecting Rod Bearing Pair (4)	AL-5	CB-984A	STD,.25mm,.50mm,.75mm,1.00mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Connecting Rod Bearing Pair (4)	TM-77	CB-984P	STD,.25mm,.50mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Connecting Rod Bearing Set	AL-5	CB-984A(4)	STD,.25mm,.50mm,.75mm,1.00mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Connecting Rod Bearing Set	TM-77	CB-984P(4)	STD,.25mm,.50mm,.75mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Main Bearing Set	AL-5	MS-1117A	STD,.25mm,.50mm,.75mm					
1-2-4-5		MB-2612A		2.3982/2.3990	0.0005/0.0031	0.0956	2.5902/2.5910	0.9500
3		MB-2613A(F)		2.3982/2.3990	0.0005/0.0031	0.0956	2.5902/2.5910	1.1950
NOTE: 1 Spark Plug Per Cylinder								
Main Bearing Set	AL-5	MS-1743A	STD,.25mm,.50mm,.75mm					
1-2-4-5		MB-3137A		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	0.9500
3		MB-3130A(F)		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	1.1940
NOTE: 2 Spark Plug Per Cylinder								



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				4 CYL (cont.)					
28 (cont.)	2.3L 140 CID SOHC 8V L4 FORD			3.440"/87.4mm x 3.700"/94.0mm					28 (cont.)
	VIN Codes: '2' (1981-1982), 'B' (1977)								
	2.3L 2302 CC 140 CID SOHC 8V L4 FORD			3.780"/96.0mm x 3.130"/79.4mm					
	VIN Code: 'Y' (1974)								
	2.3L 140 CID SOHC 8V L4 FORD			3.780"/96.0mm x 3.130"/79.4mm					
	VIN Codes: 'A' (1989-1997), 'M' (1991-1993), 'T' (1984-1986, 1988), 'W' (1983-1987), 'Y' (1975-1979)								
	2.3L 2295 CC 140 CID SOHC 8V L4 FORD			3.780"/96.0mm x 3.130"/79.4mm					
	VIN Code: 'Y' (1974)								
Main Bearing Set	TM-77	MS-1117P	STD,.25mm,.50mm						
1-2-4-5		MB-2612P		2.3982/2.3990	0.0005/0.0031	0.0956	2.5902/2.5910	0.9500	
3		MB-2613P(F)		2.3982/2.3990	0.0005/0.0031	0.0956	2.5902/2.5910	1.1950	
NOTE: 1 Spark Plug Per Cylinder									
Main Bearing Set	TM-77	MS-1743P	STD,.25mm						
1-2-4-5		MB-3137P		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	0.9500	
3		MB-3130P(F)		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	1.1940	
NOTE: 2 Spark Plug Per Cylinder									
Camshaft Bearing Set	AL-3	SH-777S	STD						
1-2-3-4		SH-777		1.7713/1.7720	0.0010/0.0039	0.0638	1.9006/1.9016	0.6980	
Auxiliary Shaft Bearing Set	B-1	SH-1095S	STD						
Front		SH-1095		1.6522/1.6530	0.0007/0.0047	0.0717	1.7968/1.7980	0.5100	
Rear		SH-1096		1.6522/1.6530	0.0007/0.0047	0.0619	1.7772/1.7783	0.5100	
29	2.3L 140 CID OHV 8V L4 MITSUBISHI			3.440"/87.4mm x 3.700"/94.0mm					29
	VIN Code: 'E' (1985-1987)								
Connecting Rod Bearing Pair (4)	AL-5	CB-583A	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100	
For Year: 1985									
Connecting Rod Bearing Pair (4)	AL-3	CB-1220A	STD,.25mm,.50mm,.75mm,1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840	
For Years: 1986 - 1987									
Connecting Rod Bearing Pair (4)	TM-77	CB-583P	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100	
For Year: 1985									
Connecting Rod Bearing Set	AL-5	CB-583A(4)	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100	
For Year: 1985									
Connecting Rod Bearing Set	AL-3	CB-1220A(4)	STD,.25mm,.50mm,.75mm,1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840	
For Years: 1986 - 1987									
30	2.3L 140 CID OHV 8V L4 FORD; HSC			3.700"/94.0mm x 3.300"/83.8mm					30
	VIN Code: 'X' (1985-1987)								
	2.3L 140 CID OHV 8V L4 FORD; HSC-High Output			3.700"/94.0mm x 3.300"/83.8mm					
	VIN Code: 'S' (1985-1987)								
Connecting Rod Bearing Pair (4)	AL-5	CB-583A	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100	
For Year: 1985									
Connecting Rod Bearing Pair (4)	TM-77	CB-583P	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100	
For Year: 1985									



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
30 (cont.)	2.3L 140 CID OHV 8V L4 FORD; HSC VIN Code: 'X' (1985-1987)			3.700"/94.0mm x 3.300"/83.8mm				30 (cont.)
	2.3L 140 CID OHV 8V L4 FORD; HSC-High Output VIN Code: 'S' (1985-1987)			3.700"/94.0mm x 3.300"/83.8mm				
Connecting Rod Bearing Set For Years: 1986 - 1987	AL-5	CB1383A(4)	STD,	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Connecting Rod Bearing Set For Year: 1985	AL-5	CB-583A(4)	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Main Bearing Set 1	AL-5	MS-1629A	STD,10,20	2.2482/2.2490	0.0007/0.0033	0.0760	2.4012/2.4020	1.0200
2-4-5		MB-2986AL		2.2482/2.2490	0.0007/0.0033	0.0760	2.4012/2.4020	1.0200
3		MB-2692AL		2.2482/2.2490	0.0007/0.0033	0.0760	2.4012/2.4020	1.0200
		MB-2693AL(F)		2.2482/2.2490	0.0007/0.0033	0.0760	2.4012/2.4020	1.2710
Camshaft Bearing Set 1	B-1	SH-1251S	STD	2.0070/2.0080	0.0012/0.0047	0.0973	2.2040/2.2055	0.7200
2-3		SH-1251		2.0070/2.0080	0.0015/0.0045	0.0894	2.1885/2.1895	0.7200
4		SH-1252		2.0070/2.0080	0.0012/0.0047	0.0973	2.2040/2.2055	0.4990
		SH-1253		2.0070/2.0080	0.0012/0.0047	0.0973	2.2040/2.2055	0.4990
31	2.3L 140 CID OHV 8V L4 FORD; HSC VIN Code: 'R' (1984)			3.700"/94.0mm x 3.300"/83.8mm				31
Connecting Rod Bearing Pair (4)	AL-5	CB-583A	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Connecting Rod Bearing Pair (4)	TM-77	CB-583P	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Connecting Rod Bearing Set	AL-5	CB-583A(4)	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Main Bearing Set 1	AL-5	MS-1629A	STD,10,20	2.2482/2.2490	0.0007/0.0033	0.0760	2.4012/2.4020	1.0200
2-4-5		MB-2986AL		2.2482/2.2490	0.0007/0.0033	0.0760	2.4012/2.4020	1.0200
3		MB-2692AL		2.2482/2.2490	0.0007/0.0033	0.0760	2.4012/2.4020	1.0200
		MB-2693AL(F)		2.2482/2.2490	0.0007/0.0033	0.0760	2.4012/2.4020	1.2710
Camshaft Bearing Set 1	B-1	SH-1251S	STD	2.0070/2.0080	0.0012/0.0047	0.0973	2.2040/2.2055	0.7200
2-3		SH-1251		2.0070/2.0080	0.0015/0.0045	0.0894	2.1885/2.1895	0.7200
4		SH-1252		2.0070/2.0080	0.0012/0.0047	0.0973	2.2040/2.2055	0.4990
		SH-1253		2.0070/2.0080	0.0012/0.0047	0.0973	2.2040/2.2055	0.4990
32	2.3L 140 CID OHV 8V L4 FORD; HSC VIN Code: 'X' (1988-1994)			3.700"/94.0mm x 3.300"/83.8mm				32
	2.3L 140 CID OHV 8V L4 FORD; HSC-High Output VIN Code: 'S' (1988-1991)			3.700"/94.0mm x 3.300"/83.8mm				
	2.5L 153 CID OHV 8V L4 FORD; HSC VIN Code: 'D' (1986-1990)			3.700"/93.9mm x 3.600"/91.4mm				
Connecting Rod Bearing Set	AL-5	CB1383A(4)	STD,	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Main Bearing Set 1	AL-5	MS-1629A	STD,10,20	2.2482/2.2490	0.0007/0.0033	0.0760	2.4012/2.4020	1.0200
2-4-5		MB-2986AL		2.2482/2.2490	0.0007/0.0033	0.0760	2.4012/2.4020	1.0200
3		MB-2692AL		2.2482/2.2490	0.0007/0.0033	0.0760	2.4012/2.4020	1.0200
		MB-2693AL(F)		2.2482/2.2490	0.0007/0.0033	0.0760	2.4012/2.4020	1.2710



FORD

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				4 CYL (cont.)					
32 (cont.)	2.3L 140 CID OHV 8V L4 FORD; HSC VIN Code: 'X' (1988-1994)			3.700"/94.0mm x 3.300"/83.8mm					32 (cont.)
	2.3L 140 CID OHV 8V L4 FORD; HSC-High Output VIN Code: 'S' (1988-1991)			3.700"/94.0mm x 3.300"/83.8mm					
	2.5L 153 CID OHV 8V L4 FORD; HSC VIN Code: 'D' (1986-1990)			3.700"/93.9mm x 3.600"/91.4mm					
Camshaft Bearing Set	B-1	SH-1251S	STD						
1		SH-1251		2.0070/2.0080	0.0012/0.0047	0.0973	2.2040/2.2055	0.7200	
2-3		SH-1252		2.0070/2.0080	0.0015/0.0045	0.0894	2.1885/2.1895	0.7200	
4		SH-1253		2.0070/2.0080	0.0012/0.0047	0.0973	2.2040/2.2055	0.4990	
33	2.3L 140 CID SOHC 8V L4 FORD VIN Code: '6' (1982-1985)			3.780"/96.0mm x 3.130"/79.4mm					33
Connecting Rod Bearing Pair (4)	AL-5	CB-984A	STD, .25mm, .50mm, .75mm, 1.00mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000	
Connecting Rod Bearing Pair (4)	TM-77	CB-984P	STD, .25mm, .50mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000	
Connecting Rod Bearing Set	AL-5	CB-984A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000	
Connecting Rod Bearing Set	TM-77	CB-984P(4)	STD, .25mm, .50mm, .75mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000	
Main Bearing Set	AL-5	MS-1117A	STD, .25mm, .50mm, .75mm						
1-2-4-5		MB-2612A		2.3982/2.3990	0.0005/0.0031	0.0956	2.5902/2.5910	0.9500	
3		MB-2613A(F)		2.3982/2.3990	0.0005/0.0031	0.0956	2.5902/2.5910	1.1950	
NOTE: 1 Spark Plug Per Cylinder									
Main Bearing Set	AL-5	MS-1743A	STD, .25mm, .50mm, .75mm						
1-2-4-5		MB-3137A		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	0.9500	
3		MB-3130A(F)		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	1.1940	
NOTE: 2 Spark Plug Per Cylinder									
Main Bearing Set	TM-77	MS-1117P	STD, .25mm, .50mm						
1-2-4-5		MB-2612P		2.3982/2.3990	0.0005/0.0031	0.0956	2.5902/2.5910	0.9500	
3		MB-2613P(F)		2.3982/2.3990	0.0005/0.0031	0.0956	2.5902/2.5910	1.1950	
NOTE: 1 Spark Plug Per Cylinder									
Main Bearing Set	TM-77	MS-1743P	STD, .25mm						
1-2-4-5		MB-3137P		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	0.9500	
3		MB-3130P(F)		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	1.1940	
NOTE: 2 Spark Plug Per Cylinder									
Auxiliary Shaft Bearing Set	B-1	SH-1095S	STD						
Front		SH-1095		1.6522/1.6530	0.0007/0.0047	0.0717	1.7968/1.7980	0.5100	
Rear		SH-1096		1.6522/1.6530	0.0007/0.0047	0.0619	1.7772/1.7783	0.5100	
For Years: 1983 - 1985									
34	2.3L 140 CID DOHC 16V L4 FORD; Duratec VIN Code: 'H' (2006-2008)			3.440"/87.4mm x 3.700"/94.0mm					34
Connecting Rod Bearing Pair (4)	AL-5	CB-1838A	STD, .25mm, .50mm	1.9677/1.9685	0.0007/0.0029	0.0592	2.0876/2.0884	0.6650	
Connecting Rod Bearing Set	AL-5	CB-1838A(4)	STD, .25mm, .50mm	1.9677/1.9685	0.0007/0.0029	0.0592	2.0876/2.0884	0.6650	



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
34 (cont.)	2.3L 140 CID DOHC 16V L4 FORD; Duratec VIN Code: 'H' (2006-2008)			3.440"/87.4mm x 3.700"/94.0mm				34 (cont.)
Main Bearing Set	AL-5	MS-2245A MB3822ALL MB3822ALU MB4029AU	STD,.25mm,.50mm	2.0464/2.0472 2.0464/2.0472		0.0986 0.0986	2.2488/2.2455 2.2448/2.2455	0.7520 0.7520 1.0149
35	2.3L 140 CID DOHC 16V L4 FORD VIN Codes: 'D' (2001-2009, 2011), 'Z' (2004) 2.3L 140 CID DOHC 16V L4 FORD; Duratec VIN Code: 'Z' (2003, 2005-2009)			3.440"/87.4mm x 3.700"/94.0mm 3.440"/87.4mm x 3.700"/94.0mm				35
Connecting Rod Bearing Pair (4) For Years: 2001 - 2009	AL-5	CB-1838A	STD,.25mm,.50mm	1.9677/1.9685	0.0007/0.0029	0.0592	2.0876/2.0884	0.6650
Connecting Rod Bearing Pair (4) For Years: 2001 - 2009 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1839A-.25mm	.50mm	1.9677/1.9685	0.0007/0.0029	0.0602	2.0886/2.0904	0.6650
Connecting Rod Bearing Set For Years: 2001 - 2009	AL-5	CB-1838A(4)	STD,.25mm,.50mm	1.9677/1.9685	0.0007/0.0029	0.0592	2.0876/2.0884	0.6650
Connecting Rod Bearing Set For Years: 2001 - 2009 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1839A-.25mm(4)	.50mm	1.9677/1.9685	0.0007/0.0029	0.0602	2.0886/2.0904	0.6650
Main Bearing Set	AL-5	MS-2245A MB3822ALL MB3822ALU MB4029AU	STD,.25mm,.50mm	2.0464/2.0472 2.0464/2.0472		0.0986 0.0986	2.2488/2.2455 2.2448/2.2455	0.7520 0.7520 1.0149
36	2.5L 2488 CC 152 CID DOHC 16V L4 FORD; Duratec VIN Codes: '3' (2009-2012), '7' (2009-2013), 'A' (2010-2012) 2.5L 2488 CC 152 CID DOHC 16V L4 FORD; i-VCT VIN Code: '7' (2013-2016)			3.500"/88.9mm x 3.940"/100.1mm 3.500"/88.9mm x 3.940"/100.1mm				36
Connecting Rod Bearing Pair (4) For Years: 2009 - 2013	AL-5	CB-1910A	STD,.25mm,.50mm	2.0463/2.0473	0.0005/0.0031	0.0591	2.1660/2.1670	0.6650
Connecting Rod Bearing Set For Years: 2009 - 2013	AL-5	CB-1910A(4)	STD,.25mm,.50mm	2.0463/2.0473	0.0005/0.0031	0.0591	2.1660/2.1670	0.6650
Main Bearing Set	AL-5	MS-2245A MB3822ALL MB3822ALU MB4029AU	STD,.25mm,.50mm	2.0464/2.0472 2.0464/2.0472		0.0986 0.0986	2.2488/2.2455 2.2448/2.2455	0.7520 0.7520 1.0149
37	2.5L 153 CID OHV 8V L4 FORD; HSC (1991)			3.700"/93.9mm x 3.600"/91.4mm				37
Connecting Rod Bearing Set	AL-5	CB1383A(4)	STD,	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Main Bearing Set	AL-5	MS-1629A 1 MB-2986AL 2-4-5 MB-2692AL 3 MB-2693AL(F)	STD,10,20	2.2482/2.2490 2.2482/2.2490 2.2482/2.2490	0.0007/0.0033 0.0007/0.0033 0.0007/0.0033	0.0760 0.0760 0.0760	2.4012/2.4020 2.4012/2.4020 2.4012/2.4020	1.0200 1.0200 1.2710



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
38	2.5L 153 CID SOHC 8V L4 FORD			3.780"/96.0mm x 3.400"/86.4mm				38
VIN Code: 'C' (1998-2001)								
Connecting Rod Bearing Pair (4)	AL-5	CB-984A	STD,.25mm,.50mm,.75mm,1.00mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Connecting Rod Bearing Pair (4)	TM-77	CB-984P	STD,.25mm,.50mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Connecting Rod Bearing Set	AL-5	CB-984A(4)	STD,.25mm,.50mm,.75mm,1.00mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Connecting Rod Bearing Set	TM-77	CB-984P(4)	STD,.25mm,.50mm,.75mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Main Bearing Set	AL-5	MS-1743A	STD,.25mm,.50mm,.75mm					
1-2-4-5		MB-3137A		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	0.9500
3		MB-3130A(F)		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	1.1940
Main Bearing Set	TM-77	MS-1743P	STD,.25mm					
1-2-4-5		MB-3137P		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	0.9500
3		MB-3130P(F)		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	1.1940
Camshaft Bearing Set	AL-3	SH-777S	STD					
1-2-3-4		SH-777		1.7713/1.7720	0.0010/0.0039	0.0638	1.9006/1.9016	0.6980
39	3.6L 3611 CC 220 CID OHV 8V L4 FORD EUROPE 592E;			3.940"/100.0mm x 4.530"/115.0mm				39
Dagenham VIN Code: '4' (1963-1964)								
Thrust Washer Set		TW-120S	STD					
		MB-1739W(L)		3.3150/3.3250			3.8880/3.8980	0.0920
		MB-1739W(U)		3.3150/3.3250			3.8880/3.8980	0.0920
				6 CYL				
40	2.4L 2360 CC 144 CID OHV 12V L6 FORD			3.500"/88.9mm x 2.500"/63.5mm				40
VIN Codes: 'D' (1960-1962), 'S' (1960-1964)								
Connecting Rod Bearing Pair (6)	AL-5	CB-583A	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Connecting Rod Bearing Pair (6)	TM-77	CB-583P	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Connecting Rod Bearing Set	AL-5	CB-583A(6)	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Connecting Rod Bearing Set	TM-77	CB-583P(6)	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Main Bearing Set	TM-77	MS-518G	STD,10,20,30,40					
1-2-4		MB-2002G		2.2482/2.2490	0.0007/0.0033	0.0759	2.4012/2.4020	1.0200
3		MB-2003G(F)		2.2482/2.2490	0.0007/0.0033	0.0759	2.4012/2.4020	1.2710
NOTE: Full Annular Groove								
Camshaft Bearing Set	B-1	SH-703S	STD					
1		SH-703		1.8095/1.8105	0.0010/0.0050	0.0833	1.9780/1.9790	0.7300
2		SH-412		1.8095/1.8105	0.0010/0.0050	0.0758	1.9630/1.9640	0.7300
3		SH-413		1.8095/1.8105	0.0010/0.0050	0.0683	1.9480/1.9490	0.7300
4		SH-414		1.8095/1.8105	0.0010/0.0050	0.0608	1.9330/1.9340	0.7300
Piston Pin Bushing (6)	B	223-3546	STD				0.0411 0.9730/0.9750	1.2500
NOTE: OE Replacement, Requires Boring								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
41	2.5L 2450 CC 152 CID DOHC 24V V6 MAZDA VIN Code: 'B' (1993-1997)			3.330"/84.5mm x 2.920"/74.2mm				41
Connecting Rod Bearing Pair (6)	TM-1	CB-1653P	STD, .25mm, .50mm	2.0848	0.0018	0.0595	2.2053	0.6705
Main Bearing Set 1-2-3	TM-1	MS-2058AL	STD	2.4382/2.4392	0.0015/0.0025	0.0980	2.6378/2.6384	0.7138
4		MB-3545AL MB-3546AL		2.4382/2.4392	0.0015/0.0025	0.0980	2.6378/2.6384	0.8673
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-552S								
Thrust Washer Set		TW-552S MB-3347W	STD	2.6870			3.1496	2.0574
42	2.5L 2450 CC 155 CID DOHC 24V V6 FORD; Duratec VIN Codes: 'G' (1998-2001), 'L' (1995-2002)			3.240"/82.3mm x 3.130"/79.5mm				42
	3.0L 2968 CC 181 CID DOHC 24V V6 FORD; Duratec VIN Codes: '1' (2001-2009), 'S' (1996-2005)			3.500"/89.0mm x 3.120"/79.5mm				
	3.0L 183 CID DOHC 24V V6 FORD 991; Duratec (2005-2007)			3.500"/88.9mm x 3.100"/78.7mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-1772A	STD, .25mm, .50mm, .75mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
Connecting Rod Bearing Pair (6)	AL-5	CB-1845A-.25mm	.50mm, .75mm	1.9670/1.9680	0.0008/0.0034	0.0604	2.0892/2.0900	0.7080
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1772A(6)	STD, .25mm, .50mm, .75mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
Connecting Rod Bearing Set	AL-5	CB-1845A-.25mm(6)	.50mm, .75mm	1.9670/1.9680	0.0008/0.0034	0.0604	2.0892/2.0900	0.7080
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set (6)		MS-2207A	STD, .25mm, .50mm, .75mm					
1-2-3		MB5051ALSTD		2.4790/2.4800	0.0003/0.0018	0.0987	2.6771/2.6779	0.7060
4		MB-3750A MB-3751A(F)		2.4790/2.4800	0.0003/0.0032	0.0984	2.6771/2.6780	0.8800
NOTE: Thrust Washer Included								
Piston Pin Bushing (6)	C-1	223-3651	STD			0.0708	0.9467	0.8450
For Years: 1995 - 2007								
NOTE: OE Replacement, Requires Light Reaming								
43	2.6L 2551 CC 156 CID OHV 12V V6 FORD VIN Code: 'U' (1972-1973)			3.540"/90.0mm x 2.630"/66.8mm				43
Connecting Rod Bearing Pair (6)	AL-5	CB-723A	STD, 10, 20, 30, 40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490
Connecting Rod Bearing Pair (6)	AL-5	CB-1795A-10	20, 30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-723A(6)	STD, 10, 20, 30, 40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490
Connecting Rod Bearing Set	AL-5	CB-1795A-10(6)	20, 30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
43 (cont.)	2.6L 2551 CC 156 CID OHV 12V V6 FORD VIN Code: 'U' (1972-1973)			3.540"/90.0mm x 2.630"/66.8mm				43 (cont.)
Main Bearing Set 1-2-4 3	AL-5	MS-1983A MB-2350A MB-3416A(F)	STD,10,20,30	2.2433/2.2441 2.2433/2.2441	0.0006/0.0032 0.0006/0.0032	0.0711 0.0711	2.3866/2.3874 2.3866/2.3874	0.8500 1.0350
Camshaft Bearing Set 1 2 3 4	B-1	SH-1386S SH-1386 SH-1387 SH-1388 SH-1389	STD	1.6497/1.6505 1.6347/1.6355 1.6197/1.6205 1.6047/1.6055	0.0015/0.0047 0.0017/0.0047 0.0017/0.0047 0.0017/0.0047	0.0604 0.0604 0.0604 0.0604	1.7728/1.7740 1.7580/1.7590 1.7430/1.7440 1.7280/1.7290	0.7800 0.7050 0.7050 0.6000
44	2.8L 2786 CC 170 CID OHV 12V L6 FORD VIN Codes: 'F' (1966-1972), 'U' (1960-1972)			3.500"/88.8mm x 2.940"/74.6mm				44
Connecting Rod Bearing Pair (6) For Years: 1961 - 1972	AL-5	CB-583A	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Connecting Rod Bearing Pair (6) For Years: 1961 - 1972	TM-77	CB-583P	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Connecting Rod Bearing Set For Years: 1961 - 1972	AL-5	CB-583A(6)	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Connecting Rod Bearing Set For Years: 1961 - 1972	TM-77	CB-583P(6)	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Main Bearing Set 1-2-4 3	TM-77	MS-518G MB-2002G MB-2003G(F)	STD,10,20,30,40	2.2482/2.2490 2.2482/2.2490	0.0007/0.0033 0.0007/0.0033	0.0759 0.0759	2.4012/2.4020 2.4012/2.4020	1.0200 1.2710
NOTE: Full Annular Groove								
Camshaft Bearing Set 1 2 3 4 For Years: 1961 - 1972	B-1	SH-703S SH-703 SH-412 SH-413 SH-414	STD	1.8095/1.8105 1.8095/1.8105 1.8095/1.8105 1.8095/1.8105	0.0010/0.0050 0.0010/0.0050 0.0010/0.0050 0.0010/0.0050	0.0833 0.0758 0.0683 0.0608	1.9780/1.9790 1.9630/1.9640 1.9480/1.9490 1.9330/1.9340	0.7300 0.7300 0.7300 0.7300
45	2.8L 2792 CC 171 CID OHV 12V V6 FORD VIN Code: 'Z' (1974)			3.660"/93.0mm x 2.710"/68.5mm				45
	2.8L 2803 CC 171 CID OHV 12V V6 FORD VIN Code: 'Z' (1974)			3.660"/93.0mm x 2.710"/68.5mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-723A	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490
Connecting Rod Bearing Pair (6) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1795A-10	20,30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490
Connecting Rod Bearing Set	AL-5	CB-723A(6)	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490
Connecting Rod Bearing Set NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1795A-10(6)	20,30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
45 (cont.)	2.8L 2792 CC 171 CID OHV 12V V6 FORD VIN Code: 'Z' (1974)			3.660"/93.0mm x 2.710"/68.5mm				45 (cont.)
	2.8L 2803 CC 171 CID OHV 12V V6 FORD VIN Code: 'Z' (1974)			3.660"/93.0mm x 2.710"/68.5mm				
Main Bearing Set	AL-5	MS-1983A	STD,10,20,30					
1-2-4		MB-2350A		2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	0.8500
3		MB-3416A(F)		2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	1.0350
Main Bearing Set	TM-77	MS-518G	STD,10,20,30,40					
1-2-4		MB-2002G		2.2482/2.2490	0.0007/0.0033	0.0759	2.4012/2.4020	1.0200
3		MB-2003G(F)		2.2482/2.2490	0.0007/0.0033	0.0759	2.4012/2.4020	1.2710
NOTE: Full Annular Groove								
Camshaft Bearing Set	B-1	SH-1386S	STD					
1		SH-1386		1.6497/1.6505	0.0015/0.0047	0.0604	1.7728/1.7740	0.7800
2		SH-1387		1.6347/1.6355	0.0017/0.0047	0.0604	1.7580/1.7590	0.7050
3		SH-1388		1.6197/1.6205	0.0017/0.0047	0.0604	1.7430/1.7440	0.7050
4		SH-1389		1.6047/1.6055	0.0017/0.0047	0.0604	1.7280/1.7290	0.6000
46	2.8L 171 CID OHV 12V V6 FORD VIN Code: 'S' (1983-1986)			3.660"/93.0mm x 2.710"/68.5mm				46
Connecting Rod Bearing Pair (6)	AL-5	CB-723A	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490
Connecting Rod Bearing Pair (6)	AL-5	CB-1795A-10	20,30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490
For Years: 1983 - 1985								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-723A(6)	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490
Connecting Rod Bearing Set	AL-5	CB-1795A-10(6)	20,30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490
For Years: 1983 - 1985								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set (4)	AL-5	MS-1983A	STD,10,20,30					
1-2-4		MB-2350A		2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	0.8500
3		MB-3416A(F)		2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	1.0350
Camshaft Bearing Set	B-1	SH-1390S	STD					
1		SH-1390		1.7285/1.7292	0.0009/0.0045	0.0605	1.8514/1.8528	0.7850
2		SH-1391		1.7135/1.7142	0.0012/0.0045	0.0605	1.8364/1.8378	0.7050
3		SH-1392		1.6985/1.6992	0.0013/0.0045	0.0605	1.8215/1.8228	0.7050
4		SH-1393		1.6835/1.6842	0.0013/0.0046	0.0605	1.8065/1.8079	0.6000
47	2.8L 171 CID OHV 12V V6 FORD VIN Code: 'Z' (1975-1979)			3.660"/93.0mm x 2.710"/68.5mm				47
Connecting Rod Bearing Pair (6)	AL-5	CB-583A	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
For Year: 1979								
Connecting Rod Bearing Pair (6)	AL-5	CB-723A	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
47 (cont.)	2.8L 171 CID OHV 12V V6 FORD VIN Code: 'Z' (1975-1979)			3.660"/93.0mm x 2.710"/68.5mm				47 (cont.)
Connecting Rod Bearing Pair (6)	AL-5	CB-1795A-10	20,30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (6)	TM-77	CB-583P	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
For Year: 1979								
Connecting Rod Bearing Set	AL-5	CB-583A(6)	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
For Year: 1979								
Connecting Rod Bearing Set	AL-5	CB-723A(6)	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490
Connecting Rod Bearing Set	AL-5	CB-1795A-10(6)	20,30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-583P(6)	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
For Year: 1979								
Camshaft Bearing Set	B-1	SH-1386S	STD					
1		SH-1386		1.6497/1.6505	0.0015/0.0047	0.0604	1.7728/1.7740	0.7800
2		SH-1387		1.6347/1.6355	0.0017/0.0047	0.0604	1.7580/1.7590	0.7050
3		SH-1388		1.6197/1.6205	0.0017/0.0047	0.0604	1.7430/1.7440	0.7050
4		SH-1389		1.6047/1.6055	0.0017/0.0047	0.0604	1.7280/1.7290	0.6000
48	2.9L 177 CID OHV 12V V6 FORD VIN Code: 'T' (1986-1992)			3.660"/93.0mm x 2.830"/72.0mm				48
Connecting Rod Bearing Pair (6)	AL-5	CB-723A	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490
Connecting Rod Bearing Pair (6)	AL-5	CB-1795A-10	20,30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-723A(6)	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490
Connecting Rod Bearing Set	AL-5	CB-1795A-10(6)	20,30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-1983A	STD,10,20,30					
1-2-4		MB-2350A		2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	0.8500
3		MB-3416A(F)		2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	1.0350
For Years: 1986 - 1989								
Main Bearing Set	AL-5	MS-2006A	STD,10,20,30					
1-2-4		MB-3202A		2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	0.8500
3		MB-3467A(F)		2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	1.0350
For Years: 1990 - 1992								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
48 (cont.)	2.9L 177 CID OHV 12V V6 FORD VIN Code: 'T' (1986-1992)			3.660"/93.0mm x 2.830"/72.0mm				48 (cont.)
Camshaft Bearing Set	B-1	SH-1390S	STD					
1		SH-1390		1.7285/1.7292	0.0009/0.0045	0.0605	1.8514/1.8528	0.7850
2		SH-1391		1.7135/1.7142	0.0012/0.0045	0.0605	1.8364/1.8378	0.7050
3		SH-1392		1.6985/1.6992	0.0013/0.0045	0.0605	1.8215/1.8228	0.7050
4		SH-1393		1.6835/1.6842	0.0013/0.0046	0.0605	1.8065/1.8079	0.6000
49	3.0L 2968 CC 181 CID DOHC 24V V6 FORD 99G; Duratec VIN Code: 'G' (2009)			3.500"/89.0mm x 3.120"/79.5mm				49
Connecting Rod Bearing Pair (6)	AL-5	CB-1772A	STD, .25mm, .50mm, .75mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
For Years: 2009 - 2011								
Connecting Rod Bearing Pair (6)	AL-5	CB-1845A-.25mm	.50mm, .75mm	1.9670/1.9680	0.0008/0.0034	0.0604	2.0892/2.0900	0.7080
For Years: 2009 - 2011 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1772A(6)	STD, .25mm, .50mm, .75mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
For Years: 2009 - 2011								
Connecting Rod Bearing Set	AL-5	CB-1845A-.25mm(6)	.50mm, .75mm	1.9670/1.9680	0.0008/0.0034	0.0604	2.0892/2.0900	0.7080
For Years: 2009 - 2011 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set		MS-2207A	STD, .25mm, .50mm, .75mm					
		MB5051ALSTD						
1-2-3		MB-3750A		2.4790/2.4800	0.0003/0.0018	0.0987	2.6771/2.6779	0.7060
4		MB-3751A(F)		2.4790/2.4800	0.0003/0.0032	0.0984	2.6771/2.6780	0.8800
NOTE: Thrust Washer Included								
50	3.0L 182 CID SOHC 12V V6 NISSAN VIN Codes: '1' (1997-1998), 'W' (1993-1996)			3.420"/87.0mm x 3.260"/83.0mm				50
	3.3L 3275 CC SOHC 12V V6 NISSAN VIN Code: 'T' (2000-2002)			3.600"/91.5mm x 3.260"/83.0mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-1591A	STD, .25mm, .50mm, .75mm	1.9669/1.9675	0.0006/0.0024	0.0594	2.0866/2.0871	0.6690
Connecting Rod Bearing Pair (6)	TM-1	CB-1591P	STD, .25mm, .50mm	1.9669/1.9675	0.0006/0.0024	0.0594	2.0866/2.0871	0.6690
Connecting Rod Bearing Set	AL-5	CB-1591A(6)	STD, .25mm, .50mm, .75mm	1.9669/1.9675	0.0006/0.0024	0.0594	2.0866/2.0871	0.6690
Connecting Rod Bearing Set	TM-1	CB-1591P(6)	STD	1.9669/1.9675	0.0006/0.0024	0.0594	2.0866/2.0871	0.6690
Main Bearing Set	AL-5	MS-1951A	STD, .25mm, .50mm, .75mm					
1		MB-3344A		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	0.8860
2-3		MB-3345A		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	0.7480
4		MB-3346A(F)		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	1.1340
Main Bearing Set	TM-1	MS-1951P	STD, .25mm, .50mm					
1		MB-3344P		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	0.8860
2-3		MB-3345P		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	0.7480
4		MB-3346P(F)		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	1.1340



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
51	3.0L 182 CID OHV 12V V6 FORD; Vulcan (2002)			3.500"/88.9mm x 3.150"/80.0mm				51
Main Bearing Set	AL-5	MS-1702A	STD, .25mm, .50mm, .75mm					
1-2		MB-3093A		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	0.7420
3		MB-3094A(F)		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	1.0110
4		MB-3095A		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	1.0690
52	3.0L 2986 CC 182 CID OHV 12V V6 FORD; Vulcan VIN Codes: '2' (1996-2006), 'U' (1995-2008)			3.500"/89.0mm x 3.140"/80.0mm				52
Connecting Rod Bearing Pair (6)	AL-5	CB-1385A	STD, .25mm, .50mm, .75mm	2.1253/2.1261	0.0003/0.0025	0.0618	2.2500/2.2508	0.7630
Connecting Rod Bearing Set	AL-5	CB-1385A(6)	STD, .25mm, .50mm, .75mm	2.1253/2.1261	0.0003/0.0025	0.0618	2.2500/2.2508	0.7630
Main Bearing Set	AL-5	MS-1702A	STD, .25mm, .50mm, .75mm					
1-2		MB-3093A		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	0.7420
3		MB-3094A(F)		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	1.0110
4		MB-3095A		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	1.0690
Camshaft Bearing Set	B-1	SH-1789S	STD					
1		SH-1334		2.0074/2.0084	0.0010/0.0030	0.0713	2.1531/2.1541	0.9650
2-3		SH-1335		2.0074/2.0084	0.0010/0.0030	0.0614	2.1334/2.1344	0.5420
4		SH-1789		2.0074/2.0084	0.0010/0.0030	0.0713	2.1531/2.1541	0.5470
Piston Pin Bushing (6)	C-1	223-3651	STD				0.0708 0.9467	0.8450
For Years: 1996 - 2005								
NOTE: OE Replacement, Requires Light Reaming								
53	3.0L 2986 CC 182 CID OHV 12V V6 FORD; Vulcan VIN Codes: '1' (1993-1998), '2' (1993), 'U' (1992-1995, 2004-2007), 'V' (1999-2004)			3.500"/89.0mm x 3.140"/80.0mm				53
Connecting Rod Bearing Pair (6)	AL-5	CB-1385A	STD, .25mm, .50mm, .75mm	2.1253/2.1261	0.0003/0.0025	0.0618	2.2500/2.2508	0.7630
Connecting Rod Bearing Set	AL-5	CB-1385A(6)	STD, .25mm, .50mm, .75mm	2.1253/2.1261	0.0003/0.0025	0.0618	2.2500/2.2508	0.7630
Main Bearing Set	AL-5	MS-1702A	STD, .25mm, .50mm, .75mm					
1-2		MB-3093A		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	0.7420
3		MB-3094A(F)		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	1.0110
4		MB-3095A		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	1.0690
Camshaft Bearing Set	B-1	SH-1789S	STD					
1		SH-1334		2.0074/2.0084	0.0010/0.0030	0.0713	2.1531/2.1541	0.9650
2-3		SH-1335		2.0074/2.0084	0.0010/0.0030	0.0614	2.1334/2.1344	0.5420
4		SH-1789		2.0074/2.0084	0.0010/0.0030	0.0713	2.1531/2.1541	0.5470
54	3.0L 2986 CC 182 CID DOHC 24V V6 YAMAHA; SHO VIN Code: 'Y' (1989-1995)			3.500"/89.0mm x 3.140"/80.0mm				54
Connecting Rod Bearing Pair (6)	TM-77	CB-1435P	STD, .25mm	2.0463/2.0472	0.0009/0.0022	0.0588	2.1653/2.1660	0.7110
Camshaft Bearing Set	B-1	SH-1789S	STD					
1		SH-1334		2.0074/2.0084	0.0010/0.0030	0.0713	2.1531/2.1541	0.9650
2-3		SH-1335		2.0074/2.0084	0.0010/0.0030	0.0614	2.1334/2.1344	0.5420
4		SH-1789		2.0074/2.0084	0.0010/0.0030	0.0713	2.1531/2.1541	0.5470



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
55	3.0L 183 CID DOHC 24V V6 FORD; Duratec (2006)			3.500"/88.9mm x 3.130"/79.5mm				55
Connecting Rod Bearing Pair (6)	AL-5	CB-1772A	STD, .25mm, .50mm, .75mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
Connecting Rod Bearing Pair (6)	AL-5	CB-1845A-.25mm	.50mm, .75mm	1.9670/1.9680	0.0008/0.0034	0.0604	2.0892/2.0900	0.7080
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1772A(6)	STD, .25mm, .50mm, .75mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
Connecting Rod Bearing Set	AL-5	CB-1845A-.25mm(6)	.50mm, .75mm	1.9670/1.9680	0.0008/0.0034	0.0604	2.0892/2.0900	0.7080
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
56	3.2L 195 CID DOHC 24V V6 YAMAHA; SHO VIN Code: 'P' (1993-1995)			3.600"/91.4mm x 3.150"/80.0mm				56
Connecting Rod Bearing Pair (6)	TM-77	CB-1435P	STD, .25mm	2.0463/2.0472	0.0009/0.0022	0.0588	2.1653/2.1660	0.7110
57	3.3L 3278 CC 200 CID OHV 12V L6 FORD VIN Code: 'T' (1968-1974)			3.680"/93.5mm x 3.130"/79.4mm				57
Connecting Rod Bearing Pair (6)	AL-5	CB-583A	STD, 10, 20, 30, 40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Connecting Rod Bearing Pair (6)	TM-77	CB-583P	STD, 10, 20, 30, 40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Connecting Rod Bearing Set	AL-5	CB-583A(6)	STD, 10, 20, 30, 40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Connecting Rod Bearing Set	TM-77	CB-583P(6)	STD, 10, 20, 30, 40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Main Bearing Set 1-2-3-4-6-7	TM-77	MS-771G	STD, 10, 20	2.2482/2.2490	0.0007/0.0033	0.0759	2.4012/2.4020	1.0200
5		MB-2002G		2.2482/2.2490	0.0007/0.0033	0.0759	2.4012/2.4020	1.2710
NOTE: Full Annular Groove								
Camshaft Bearing Set 1	B-1	SH-703S	STD					
2		SH-703		1.8095/1.8105	0.0010/0.0050	0.0833	1.9780/1.9790	0.7300
3		SH-412		1.8095/1.8105	0.0010/0.0050	0.0758	1.9630/1.9640	0.7300
4		SH-413		1.8095/1.8105	0.0010/0.0050	0.0683	1.9480/1.9490	0.7300
		SH-414		1.8095/1.8105	0.0010/0.0050	0.0608	1.9330/1.9340	0.7300
58	3.3L 200 CID OHV 12V L6 FORD VIN Codes: 'B' (1980-1982), 'X' (1983)			3.680"/93.5mm x 3.130"/79.4mm				58
	3.3L 200 CID OHV 12V L6 FORD VIN Code: 'B' (1980-1982)			3.680"/93.5mm x 3.120"/79.4mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-583A	STD, 10, 20, 30, 40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Connecting Rod Bearing Pair (6)	TM-77	CB-583P	STD, 10, 20, 30, 40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Connecting Rod Bearing Set	AL-5	CB-583A(6)	STD, 10, 20, 30, 40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Connecting Rod Bearing Set	TM-77	CB-583P(6)	STD, 10, 20, 30, 40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Main Bearing Set	TM-77	MS-1389AL-20	40					



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				6 CYL (cont.)					
58 (cont.)	3.3L 200 CID OHV 12V L6 FORD VIN Codes: 'B' (1980-1982), 'X' (1983)			3.680"/93.5mm x 3.130"/79.4mm					58 (cont.)
	3.3L 200 CID OHV 12V L6 FORD VIN Code: 'B' (1980-1982)			3.680"/93.5mm x 3.120"/79.4mm					
Camshaft Bearing Set	B-1	SH-703S	STD						
1		SH-703		1.8095/1.8105	0.0010/0.0050	0.0833	1.9780/1.9790	0.7300	
2		SH-412		1.8095/1.8105	0.0010/0.0050	0.0758	1.9630/1.9640	0.7300	
3		SH-413		1.8095/1.8105	0.0010/0.0050	0.0683	1.9480/1.9490	0.7300	
4		SH-414		1.8095/1.8105	0.0010/0.0050	0.0608	1.9330/1.9340	0.7300	
59	3.3L 3277 CC 200 CID OHV 12V L6 FORD VIN Code: 'T' (1963-1974)			3.680"/93.5mm x 3.130"/79.4mm					59
Connecting Rod Bearing Pair (6)	AL-5	CB-583A	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100	
Connecting Rod Bearing Pair (6)	TM-77	CB-583P	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100	
Connecting Rod Bearing Set	AL-5	CB-583A(6)	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100	
Connecting Rod Bearing Set	TM-77	CB-583P(6)	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100	
Main Bearing Set	TM-77	MS-518G	STD,10,20,30,40						
1-2-4		MB-2002G		2.2482/2.2490	0.0007/0.0033	0.0759	2.4012/2.4020	1.0200	
3		MB-2003G(F)		2.2482/2.2490	0.0007/0.0033	0.0759	2.4012/2.4020	1.2710	
For Years: 1963 - 1970									
NOTE: Engines With 4 Main Bearings, Full Annular Groove									
Main Bearing Set	TM-77	MS-771G	STD,10,20						
1-2-3-4-6-7		MB-2002G		2.2482/2.2490	0.0007/0.0033	0.0759	2.4012/2.4020	1.0200	
5		MB-2003G(F)		2.2482/2.2490	0.0007/0.0033	0.0759	2.4012/2.4020	1.2710	
For Years: 1964 - 1974									
NOTE: Full Annular Groove									
Camshaft Bearing Set	B-1	SH-703S	STD						
1		SH-703		1.8095/1.8105	0.0010/0.0050	0.0833	1.9780/1.9790	0.7300	
2		SH-412		1.8095/1.8105	0.0010/0.0050	0.0758	1.9630/1.9640	0.7300	
3		SH-413		1.8095/1.8105	0.0010/0.0050	0.0683	1.9480/1.9490	0.7300	
4		SH-414		1.8095/1.8105	0.0010/0.0050	0.0608	1.9330/1.9340	0.7300	
60	3.3L 200 CID OHV 12V L6 FORD VIN Code: 'T' (1975-1979)			3.680"/93.5mm x 3.130"/79.4mm					60
Connecting Rod Bearing Pair (6)	AL-5	CB-583A	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100	
Connecting Rod Bearing Pair (6)	TM-77	CB-583P	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100	
Connecting Rod Bearing Set	AL-5	CB-583A(6)	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100	
Connecting Rod Bearing Set	TM-77	CB-583P(6)	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100	
Main Bearing Set	TM-77	MS-771G	STD,10,20						
1-2-3-4-6-7		MB-2002G		2.2482/2.2490	0.0007/0.0033	0.0759	2.4012/2.4020	1.0200	
5		MB-2003G(F)		2.2482/2.2490	0.0007/0.0033	0.0759	2.4012/2.4020	1.2710	
For Year: 1975									
NOTE: Full Annular Groove									
Main Bearing Set	TM-77	MS-1389AL-20	40						



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
60 (cont.)	3.3L 200 CID OHV 12V L6 FORD VIN Code: 'T' (1975-1979)			3.680"/93.5mm x 3.130"/79.4mm				60 (cont.)
Camshaft Bearing Set	B-1	SH-703S	STD					
1		SH-703		1.8095/1.8105	0.0010/0.0050	0.0833	1.9780/1.9790	0.7300
2		SH-412		1.8095/1.8105	0.0010/0.0050	0.0758	1.9630/1.9640	0.7300
3		SH-413		1.8095/1.8105	0.0010/0.0050	0.0683	1.9480/1.9490	0.7300
4		SH-414		1.8095/1.8105	0.0010/0.0050	0.0608	1.9330/1.9340	0.7300
61	3.5L 3496 CC 213 CID DOHC 24V V6 FORD 99C (2013)			3.600"/91.4mm x 3.400"/86.4mm				61
	3.5L 3496 CC 213 CID DOHC 24V V6 FORD; Duratec VIN Code: '8' (2015-2017)			3.640"/92.5mm x 3.410"/86.7mm				
	3.7L 3726 CC 227 CID DOHC 24V V6 FORD 99M VIN Code: 'M' (2015-2017)			3.760"/95.5mm x 3.410"/86.7mm				
Main Bearing Set	AL-5	MS-2302A-.25mm						
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-721S								
62	3.5L 3496 CC 213 CID DOHC 24V V6 FORD; Duratec VIN Codes: '8' (2013-2017), 'C' (2014), 'T' (2007-2009), 'W' (2008-2012)			3.640"/92.5mm x 3.410"/86.7mm				62
	3.5L 3496 CC 213 CID DOHC 24V V6 FORD; EcoBoost VIN Code: 'T' (2010-2013)			3.640"/92.5mm x 3.410"/86.7mm				
	3.7L 3726 CC 227 CID DOHC 24V V6 FORD; Duratec VIN Codes: 'K' (2013-2016), 'R' (2009-2012)			3.760"/95.5mm x 3.410"/86.7mm				
	3.7L 3726 CC 227 CID DOHC 24V V6 FORD 99K, 99M, 99R VIN Codes: 'K' (2013-2014), 'M' (2014), 'R' (2013-2014)			3.760"/95.5mm x 3.410"/86.7mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-1911A	STD,.25mm	2.2040/2.2050	0.0003/0.0027	0.0758	2.3569/2.3577	0.7250
For Years: 2007 - 2014								
Connecting Rod Bearing Set	AL-5	CB-1911A(6)	STD,.25mm	2.2040/2.2050	0.0003/0.0027	0.0758	2.3569/2.3577	0.7250
For Years: 2007 - 2014								
Main Bearing Set	AL-5	MS-2302A	STD,.25mm					
1-2-3-4		MB-3947A		2.6567/2.6577	0.0005/0.0020	0.0966	2.8504/2.8513	0.9050
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-721S								
Thrust Washer Set		TW-721S	STD					
For Years: 2007 - 2016								
63	3.5L 3496 CC 213 CID DOHC 24V V6 FORD; Duratec VIN Code: '8' (2015-2017)			3.640"/92.5mm x 3.410"/86.7mm				63
	3.7L 3726 CC 227 CID DOHC 24V V6 FORD 99K, 99M, 99R VIN Codes: 'K' (2015-2017), 'M' (2015-2017), 'R' (2015-2016)			3.760"/95.5mm x 3.410"/86.7mm				
Main Bearing Set	AL-5	MS-2302A	STD,.25mm					
1-2-3-4		MB-3947A		2.6567/2.6577	0.0005/0.0020	0.0966	2.8504/2.8513	0.9050
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-721S								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
64	3.5L 3496 CC 213 CID DOHC 24V V6 FORD; EcoBoost VIN Code: 'T' (2011-2014)			3.640"/92.5mm x 3.410"/86.7mm			64	
	3.5L 3490 CC 213 CID DOHC 24V V6 FORD 3.5 EcoBoost (2011-2014)			3.640"/92.5mm x 3.410"/86.7mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-1911A	STD,.25mm	2.2040/2.2050	0.0003/0.0027	0.0758	2.3569/2.3577	0.7250
Connecting Rod Bearing Set	AL-5	CB-1911A(6)	STD,.25mm	2.2040/2.2050	0.0003/0.0027	0.0758	2.3569/2.3577	0.7250
65	3.5L 3496 CC 213 CID DOHC 24V V6 FORD 99C; Duratec (2007-2008)			3.640"/92.5mm x 3.410"/86.7mm			65	
	3.5L 3496 CC 213 CID DOHC 24V V6 FORD 99C (2010-2012)			3.640"/92.5mm x 3.410"/86.7mm				
	3.5L 3500 CC 214 CID DOHC 24V V6 FORD 998 (2011)			3.640"/92.5mm x 3.410"/86.7mm				
	3.7L 3700 CC 226 CID DOHC 24V V6 FORD (2011)							
	3.7L 3726 CC 227 CID DOHC 24V V6 FORD 99K (2012-2014)			3.760"/95.5mm x 3.410"/86.7mm				
	3.7L 3731 CC 228 CID DOHC 24V V6 FORD 99M (2011)			3.760"/95.5mm x 3.410"/86.7mm				
Main Bearing Set 1-2-3-4	AL-5	MS-2302A MB-3947A	STD,.25mm	2.6567/2.6577	0.0005/0.0020	0.0966	2.8504/2.8513	0.9050
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-721S								
Thrust Washer Set		TW-721S	STD					
For Years: 2007 - 2013								
66	3.5L 3500 CC 214 CID DOHC 24V V6 FORD 99C (2011)						66	
Thrust Washer Set		TW-721S	STD					
67	3.5L 3524 CC 215 CID OHV 12V L6 FORD VIN Code: 'A' (1952-1953)			3.560"/90.5mm x 3.610"/91.7mm			67	
	3.6L 3655 CC 223 CID OHV 12V L6 FORD VIN Code: 'J' (1960-1964)			3.630"/92.1mm x 3.610"/91.7mm				
Connecting Rod Bearing Pair (6)	TM-77	CB-535P	STD,10,20,30	2.2978/2.2986	0.0005/0.0031	0.0622	2.4230/2.4238	1.0390
For Years: 1952 - 1960								
Main Bearing Set		MS-525P-10						
68	3.6L 3655 CC 223 CID OHV 12V L6 FORD VIN Code: 'A' (1954-1961)			3.630"/92.1mm x 3.610"/91.7mm			68	
Connecting Rod Bearing Pair (6)	TM-77	CB-535P	STD,10,20,30	2.2978/2.2986	0.0005/0.0031	0.0622	2.4230/2.4238	1.0390
For Years: 1954 - 1959								
Main Bearing Set		MS-525P-10						
For Years: 1954 - 1959								
Camshaft Bearing Set 1-2-3-4	B-1	SH-533S SH-533	STD	1.9260/1.9270	0.0005/0.0045	0.0650	2.0575/2.0585	0.8900
NOTE: Engines With Oil Feed Holes In Camshaft Journals								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
68 (cont.)	3.6L 3655 CC 223 CID OHV 12V L6 FORD VIN Code: 'A' (1954-1961)			3.630"/92.1mm x 3.610"/91.7mm				68 (cont.)
Camshaft Bearing Set	B-1	SH-534S	STD					
1-2-4		SH-533		1.9260/1.9270	0.0005/0.0045	0.0650	2.0575/2.0585	0.8900
3		SH-249		1.9260/1.9270	0.0005/0.0045	0.0650	2.0575/2.0585	0.8900
NOTE: Except Engines With Oil Feed Holes In Camshaft Journals								
Piston Pin Bushing (6)	B	223-3546	STD					
For Years: 1954 - 1960								
NOTE: OE Replacement, Requires Boring								
69	3.6L 3655 CC 223 CID OHV 12V L6 FORD VIN Code: 'V' (1960, 1963-1964)			3.630"/92.1mm x 3.610"/91.7mm				69
Connecting Rod Bearing Pair (6)	TM-77	CB-535P	STD,10,20,30	2.2978/2.2986	0.0005/0.0031	0.0622	2.4230/2.4238	1.0390
For Years: 1960 - 1963								
Main Bearing Set		MS-525P-10						
Piston Pin Bushing (6)	B	223-3546	STD					
For Year: 1960								
NOTE: OE Replacement, Requires Boring								
70	3.8L 232 CID OHV 12V V6 FORD VIN Codes: '3' (1982-1983), 'C' (1984)			3.810"/96.8mm x 3.390"/86.0mm				70
	3.8L 232 CID OHV 12V V6 FORD VIN Code: '3' (1984-1987)			3.810"/96.8mm x 3.380"/86.0mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-1283A	STD,.25mm,.50mm,.75mm	2.3099/2.3110	0.0002/0.0031	0.0577	2.4266/2.4274	0.6660
Connecting Rod Bearing Set	AL-5	CB-1283A(6)	STD,.25mm,.50mm,.75mm	2.3099/2.3110	0.0002/0.0031	0.0577	2.4266/2.4274	0.6660
Main Bearing Set	AL-5	MS-1812A	STD,.25mm,.50mm,.75mm					
1-2-4		MB-3187A		2.5190/2.5198	0.0005/0.0023	0.0965	2.7120/2.7130	0.8580
3		MB-3188A(F)		2.5190/2.5198	0.0005/0.0023	0.0965	2.7120/2.7130	1.1660
Main Bearing Set	TM-77	MS-1812P	STD,.25mm,.50mm					
1-2-4		MB-3187P		2.5190/2.5198	0.0005/0.0023	0.0965	2.7122/2.7130	0.8580
3		MB-3188P(F)		2.5190/2.5198	0.0005/0.0023	0.0965	2.7122/2.7130	1.1660
Camshaft Bearing Set	B-1	SH-1197S	STD					
1-4		SH-1197		2.0505/2.0515	0.0008/0.0040	0.0698	2.1915/2.1925	0.6500
2-3		SH-1198		2.0505/2.0515	0.0008/0.0040	0.0622	2.1765/2.1775	0.5690
71	3.8L 232 CID OHV 12V V6 FORD VIN Code: '4' (1987-1996)			3.810"/96.8mm x 3.390"/86.0mm				71
Connecting Rod Bearing Pair (6)	AL-5	CB-1283A	STD,.25mm,.50mm,.75mm	2.3099/2.3110	0.0002/0.0031	0.0577	2.4266/2.4274	0.6660
For Years: 1987 - 1995								
Connecting Rod Bearing Pair (6)	AL-5	CB-1667A	STD,.25mm,.50mm,.75mm	2.3099/2.3110	0.0002/0.0031	0.0576	2.4266/2.4274	0.7840
For Year: 1996								
Connecting Rod Bearing Pair (6)	AL-5	CB-1790A	STD,.25mm,.50mm,.75mm	2.3099/2.3110	0.0002/0.0031	0.0586	2.4286/2.4294	0.7840
For Year: 1996								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
71 (cont.)	3.8L 232 CID OHV 12V V6 FORD VIN Code: '4' (1987-1996)			3.810"/96.8mm x 3.390"/86.0mm				71 (cont.)
Connecting Rod Bearing Set For Years: 1987 - 1995	AL-5	CB-1283A(6)	STD, .25mm, .50mm, .75mm	2.3099/2.3110	0.0002/0.0031	0.0577	2.4266/2.4274	0.6660
Connecting Rod Bearing Set For Year: 1996	AL-5	CB-1667A(6)	STD, .25mm, .50mm, .75mm	2.3099/2.3110	0.0002/0.0031	0.0576	2.4266/2.4274	0.7840
Connecting Rod Bearing Set For Year: 1996 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1790A(6)	STD, .25mm, .50mm, .75mm	2.3099/2.3110	0.0002/0.0031	0.0586	2.4286/2.4294	0.7840
Main Bearing Set 1-2-4 3	AL-5	MS-1812A MB-3187A MB-3188A(F)	STD, .25mm, .50mm, .75mm	2.5190/2.5198 2.5190/2.5198	0.0005/0.0023 0.0005/0.0023	0.0965	2.7120/2.7130	0.8580 1.1660
Main Bearing Set 1-2-4 3	TM-77	MS-1812P MB-3187P MB-3188P(F)	STD, .25mm, .50mm	2.5190/2.5198 2.5190/2.5198	0.0005/0.0023 0.0005/0.0023	0.0965	2.7122/2.7130	0.8580 1.1660
Camshaft Bearing Set 1-4 2-3 For Year: 1987	B-1	SH-1197S SH-1197 SH-1198	STD	2.0505/2.0515 2.0505/2.0515	0.0008/0.0040 0.0008/0.0040	0.0698 0.0622	2.1915/2.1925	0.6500 0.5690
Camshaft Bearing Set 1-4 2-3 For Years: 1988 - 1996	B-1	SH-1447S SH-1447 SH-1446	STD	2.0505/2.0515 2.0505/2.0515	0.0012/0.0044 0.0012/0.0044	0.0694 0.0619	2.1915/2.1925	0.6400 0.5600
Balance Shaft Bearing Set Front - Rear For Years: 1988 - 1996	B-1	SH-1526S SH-1526	STD	2.0505/2.0515	0.0012/0.0044	0.0694	2.1915/2.1925	0.6400
72	3.8L 232 CID OHV 12V V6 FORD EGA (1995-2003)			3.810"/96.8mm x 3.390"/86.0mm				72
Main Bearing Set 1-2-4 3	AL-5	MS-1812A MB-3187A MB-3188A(F)	STD, .25mm, .50mm, .75mm	2.5190/2.5198 2.5190/2.5198	0.0005/0.0023 0.0005/0.0023	0.0965	2.7120/2.7130	0.8580 1.1660
Main Bearing Set 1-2-4 3	TM-77	MS-1812P MB-3187P MB-3188P(F)	STD, .25mm, .50mm	2.5190/2.5198 2.5190/2.5198	0.0005/0.0023 0.0005/0.0023	0.0965	2.7122/2.7130	0.8580 1.1660
Camshaft Bearing Set 1-4 2-3	B-1	SH-1447S SH-1447 SH-1446	STD	2.0505/2.0515 2.0505/2.0515	0.0012/0.0044 0.0012/0.0044	0.0694 0.0619	2.1915/2.1925	0.6400 0.5600
Balance Shaft Bearing Set Front - Rear	B-1	SH-1526S SH-1526	STD	2.0505/2.0515	0.0012/0.0044	0.0694	2.1915/2.1925	0.6400



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
73	3.8L 232 CID OHV 12V V6 FORD VIN Code: '4' (1994-2004)			3.810"/96.8mm x 3.390"/86.0mm				73
Connecting Rod Bearing Pair (6)	AL-5	CB-1283A	STD, .25mm, .50mm, .75mm	2.3099/2.3110	0.0002/0.0031	0.0577	2.4266/2.4274	0.6660
For Years: 1994 - 1995								
Connecting Rod Bearing Pair (6)	AL-5	CB-1667A	STD, .25mm, .50mm, .75mm	2.3099/2.3110	0.0002/0.0031	0.0576	2.4266/2.4274	0.7840
For Years: 1996 - 2004								
Connecting Rod Bearing Pair (6)	AL-5	CB-1790A	STD, .25mm, .50mm, .75mm	2.3099/2.3110	0.0002/0.0031	0.0586	2.4286/2.4294	0.7840
For Years: 1996 - 2004 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1283A(6)	STD, .25mm, .50mm, .75mm	2.3099/2.3110	0.0002/0.0031	0.0577	2.4266/2.4274	0.6660
For Years: 1994 - 1995								
Connecting Rod Bearing Set	AL-5	CB-1667A(6)	STD, .25mm, .50mm, .75mm	2.3099/2.3110	0.0002/0.0031	0.0576	2.4266/2.4274	0.7840
For Years: 1996 - 2004								
Connecting Rod Bearing Set	AL-5	CB-1790A(6)	STD, .25mm, .50mm, .75mm	2.3099/2.3110	0.0002/0.0031	0.0586	2.4286/2.4294	0.7840
For Years: 1996 - 2004 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-1812A	STD, .25mm, .50mm, .75mm	2.5190/2.5198 0.0005/0.0023 0.0965 2.7120/2.7130 0.8580 2.5190/2.5198 0.0005/0.0023 0.0965 2.7120/2.7130 1.1660				
1-2-4		MB-3187A						
3		MB-3188A(F)						
Main Bearing Set	TM-77	MS-1812P	STD, .25mm, .50mm	2.5190/2.5198 0.0005/0.0023 0.0965 2.7122/2.7130 0.8580 2.5190/2.5198 0.0005/0.0023 0.0965 2.7122/2.7130 1.1660				
1-2-4		MB-3187P						
3		MB-3188P(F)						
Camshaft Bearing Set	B-1	SH-1447S	STD	2.0505/2.0515 0.0012/0.0044 0.0694 2.1915/2.1925 0.6400 2.0505/2.0515 0.0012/0.0044 0.0619 2.1765/2.1775 0.5600				
1-4		SH-1447						
2-3		SH-1446						
Balance Shaft Bearing Set	B-1	SH-1526S	STD	2.0505/2.0515 0.0012/0.0044 0.0694 2.1915/2.1925 0.6400				
Front - Rear		SH-1526						
74	3.8L 232 CID OHV 12V V6 FORD VIN Code: 'R' (1989-1990) 3.8L 232 CID OHV 12V V6 FORD VIN Codes: '4' (1988-1995), 'R' (1989-1995)			3.810"/96.8mm x 3.390"/86.0mm				74
Connecting Rod Bearing Pair (6)	AL-5	CB-1283A	STD, .25mm, .50mm, .75mm	2.3099/2.3110	0.0002/0.0031	0.0577	2.4266/2.4274	0.6660
Connecting Rod Bearing Set	AL-5	CB-1283A(6)	STD, .25mm, .50mm, .75mm	2.3099/2.3110	0.0002/0.0031	0.0577	2.4266/2.4274	0.6660
Main Bearing Set	AL-5	MS-1812A	STD, .25mm, .50mm, .75mm	2.5190/2.5198 0.0005/0.0023 0.0965 2.7120/2.7130 0.8580 2.5190/2.5198 0.0005/0.0023 0.0965 2.7120/2.7130 1.1660				
1-2-4		MB-3187A						
3		MB-3188A(F)						
Main Bearing Set	TM-77	MS-1812P	STD, .25mm, .50mm	2.5190/2.5198 0.0005/0.0023 0.0965 2.7122/2.7130 0.8580 2.5190/2.5198 0.0005/0.0023 0.0965 2.7122/2.7130 1.1660				
1-2-4		MB-3187P						
3		MB-3188P(F)						



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				6 CYL (cont.)					
74 (cont.)	3.8L 232 CID OHV 12V V6 FORD VIN Code: 'R' (1989-1990)			3.810"/96.8mm x 3.390"/86.0mm					74 (cont.)
	3.8L 232 CID OHV 12V V6 FORD VIN Codes: '4' (1988-1995), 'R' (1989-1995)			3.810"/96.8mm x 3.380"/86.0mm					
Camshaft Bearing Set	B-1	SH-1447S	STD						
1-4		SH-1447		2.0505/2.0515	0.0012/0.0044	0.0694	2.1915/2.1925	0.6400	
2-3		SH-1446		2.0505/2.0515	0.0012/0.0044	0.0619	2.1765/2.1775	0.5600	
Balance Shaft Bearing Set	B-1	SH-1526S	STD						
Front - Rear		SH-1526		2.0505/2.0515	0.0012/0.0044	0.0694	2.1915/2.1925	0.6400	
75	3.8L 232 CID OHV 12V V6 FORD VIN Code: '4' (1996-1997)			3.810"/96.8mm x 3.380"/86.0mm					75
	3.9L 238 CID OHV 12V V6 FORD VIN Code: '6' (2004-2007)			3.810"/96.8mm x 3.480"/88.4mm					
	4.2L 256 CID OHV 12V V6 FORD 992 VIN Code: '2' (2008)			3.810"/96.8mm x 3.740"/95.0mm					
	4.2L 256 CID OHV 12V V6 FORD; Triton VIN Code: '2' (1997-2007)			3.810"/96.8mm x 3.740"/95.0mm					
Connecting Rod Bearing Pair (6)	AL-5	CB-1667A	STD,.25mm,.50mm,.75mm	2.3099/2.3110	0.0002/0.0031	0.0576	2.4266/2.4274	0.7840	
Connecting Rod Bearing Pair (6)	AL-5	CB-1790A	STD,.25mm,.50mm,.75mm	2.3099/2.3110	0.0002/0.0031	0.0586	2.4286/2.4294	0.7840	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-1667A(6)	STD,.25mm,.50mm,.75mm	2.3099/2.3110	0.0002/0.0031	0.0576	2.4266/2.4274	0.7840	
Connecting Rod Bearing Set	AL-5	CB-1790A(6)	STD,.25mm,.50mm,.75mm	2.3099/2.3110	0.0002/0.0031	0.0586	2.4286/2.4294	0.7840	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set	AL-5	MS-1812A	STD,.25mm,.50mm,.75mm						
1-2-4		MB-3187A		2.5190/2.5198	0.0005/0.0023	0.0965	2.7120/2.7130	0.8580	
3		MB-3188A(F)		2.5190/2.5198	0.0005/0.0023	0.0965	2.7120/2.7130	1.1660	
Main Bearing Set	TM-77	MS-1812P	STD,.25mm,.50mm						
1-2-4		MB-3187P		2.5190/2.5198	0.0005/0.0023	0.0965	2.7122/2.7130	0.8580	
3		MB-3188P(F)		2.5190/2.5198	0.0005/0.0023	0.0965	2.7122/2.7130	1.1660	
Camshaft Bearing Set	B-1	SH-1447S	STD						
1-4		SH-1447		2.0505/2.0515	0.0012/0.0044	0.0694	2.1915/2.1925	0.6400	
2-3		SH-1446		2.0505/2.0515	0.0012/0.0044	0.0619	2.1765/2.1775	0.5600	
Balance Shaft Bearing Set	B-1	SH-1526S	STD						
Front - Rear		SH-1526		2.0505/2.0515	0.0012/0.0044	0.0694	2.1915/2.1925	0.6400	
76	3.9L 3933 CC 240 CID OHV 12V L6 FORD VIN Codes: '1' (1972-1974), 'J' (1965)			4.000"/101.6mm x 3.180"/80.7mm					76
Connecting Rod Bearing Pair (6)	AL-5	CB-699A	STD,10,20,30,40	2.1228/2.1236	0.0002/0.0024	0.0756	2.2750/2.2758	0.8000	
Connecting Rod Bearing Pair (6)	AL-5	CB-1799A-10	20,30	2.1228/2.1236	0.0002/0.0024	0.0766	2.2770/2.2778	0.8000	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
76 (cont.)	3.9L 3933 CC 240 CID OHV 12V L6 FORD VIN Codes: '1' (1972-1974), 'J' (1965)			4.000"/101.6mm x 3.180"/80.7mm				76 (cont.)
Connecting Rod Bearing Pair (6)	TM-77	CB-699P-1		2.1228/2.1236	0.0002/0.0028	0.0756	2.2750/2.2758	0.8000
Connecting Rod Bearing Set	AL-5	CB-699A(6)	STD,10,20,30,40	2.1228/2.1236	0.0002/0.0024	0.0756	2.2750/2.2758	0.8000
Connecting Rod Bearing Set	AL-5	CB-1799A-10(6)	20,30	2.1228/2.1236	0.0002/0.0024	0.0766	2.2770/2.2778	0.8000
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-979A	STD,10,20,30					
1-2-3-4-6-7		MB-2553A		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	0.9700
5		MB-2554A(F)		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	1.1950
NOTE: Contains 3.5670in Diameter Flanged Bearing								
Main Bearing Set	TM-77	MS-979P	STD,10,20,40					
1-2-3-4-6-7		MB-2553P		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	0.9700
5		MB-2554P(F)		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	1.1950
NOTE: Contains 3.5670in Diameter Flanged Bearing								
77	3.9L 3933 CC 240 CID OHV 12V L6 FORD VIN Code: 'A' (1966-1974)			4.000"/101.6mm x 3.180"/80.7mm				77
	4.9L 4917 CC 300 CID OHV 12V L6 FORD VIN Code: 'B' (1975-1979, 1982)			4.000"/101.6mm x 3.980"/101.0mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-699A	STD,10,20,30,40	2.1228/2.1236	0.0002/0.0024	0.0756	2.2750/2.2758	0.8000
Connecting Rod Bearing Pair (6)	AL-5	CB-1799A-10	20,30	2.1228/2.1236	0.0002/0.0024	0.0766	2.2770/2.2778	0.8000
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (6)	TM-77	CB-699P-1		2.1228/2.1236	0.0002/0.0028	0.0756	2.2750/2.2758	0.8000
Connecting Rod Bearing Set	AL-5	CB-699A(6)	STD,10,20,30,40	2.1228/2.1236	0.0002/0.0024	0.0756	2.2750/2.2758	0.8000
Connecting Rod Bearing Set	AL-5	CB-1799A-10(6)	20,30	2.1228/2.1236	0.0002/0.0024	0.0766	2.2770/2.2778	0.8000
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-979A	STD,10,20,30					
1-2-3-4-6-7		MB-2553A		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	0.9700
5		MB-2554A(F)		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	1.1950
NOTE: Contains 3.5670in Diameter Flanged Bearing								
Main Bearing Set	TM-77	MS-979P	STD,10,20,40					
1-2-3-4-6-7		MB-2553P		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	0.9700
5		MB-2554P(F)		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	1.1950
NOTE: Contains 3.5670in Diameter Flanged Bearing								
Camshaft Bearing Set	B-1	SH-567S	STD					
1-2-3-4		SH-567		2.0170/2.0180	0.0012/0.0044	0.0624	2.1440/2.1450	0.8650
78	3.9L 3933 CC 240 CID OHV 12V L6 FORD VIN Codes: 'B' (1965-1970), 'E' (1965-1972), 'V' (1965-1972)			4.000"/101.6mm x 3.180"/80.7mm				78
	4.9L 4917 CC 300 CID OHV 12V L6 FORD VIN Codes: 'B' (1965-1974), 'E' (1980-1982)			4.000"/101.6mm x 3.980"/101.0mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-699A	STD,10,20,30,40	2.1228/2.1236	0.0002/0.0024	0.0756	2.2750/2.2758	0.8000



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
78 (cont.)	3.9L 3933 CC 240 CID OHV 12V L6 FORD VIN Codes: 'B' (1965-1970), 'E' (1965-1972), 'V' (1965-1972)			4.000"/101.6mm x 3.180"/80.7mm				78 (cont.)
	4.9L 4917 CC 300 CID OHV 12V L6 FORD VIN Codes: 'B' (1965-1974), 'E' (1980-1982)			4.000"/101.6mm x 3.980"/101.0mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-1799A-10	20,30	2.1228/2.1236	0.0002/0.0024	0.0766	2.2770/2.2778	0.8000
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (6)	TM-77	CB-699P-1		2.1228/2.1236	0.0002/0.0028	0.0756	2.2750/2.2758	0.8000
Connecting Rod Bearing Set	AL-5	CB-699A(6)	STD,10,20,30,40	2.1228/2.1236	0.0002/0.0024	0.0756	2.2750/2.2758	0.8000
Connecting Rod Bearing Set	AL-5	CB-1799A-10(6)	20,30	2.1228/2.1236	0.0002/0.0024	0.0766	2.2770/2.2778	0.8000
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-979A	STD,10,20,30					
1-2-3-4-6-7		MB-2553A		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	0.9700
5		MB-2554A(F)		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	1.1950
NOTE: Contains 3.5670in Diameter Flanged Bearing								
Main Bearing Set	TM-77	MS-979P	STD,10,20,40					
1-2-3-4-6-7		MB-2553P		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	0.9700
5		MB-2554P(F)		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	1.1950
NOTE: Contains 3.5670in Diameter Flanged Bearing								
Main Bearing Set		MS-765P-10						
NOTE: Engines With 3.368in Main Bearing Flange O.D.								
Camshaft Bearing Set	B-1	SH-567S	STD					
1-2-3-4		SH-567		2.0170/2.0180	0.0012/0.0044	0.0624	2.1440/2.1450	0.8650
79	4.0L 245 CID SOHC 12V V6 FORD (2002-2006)			3.950"/100.3mm x 3.320"/84.3mm				79
Auxiliary Shaft Bearing Set	B-1	SH-1977S	STD					
Front		SH-1977				0.0610	1.8522	1.1420
Rear		SH-1978				0.0610	1.8072	0.9050
80	4.0L 245 CID SOHC 12V V6 FORD VIN Codes: 'E' (2004-2011), 'K' (2007-2008, 2010)			3.950"/100.3mm x 3.320"/84.3mm				80
	4.0L 245 CID SOHC 12V V6 FORD; Cologne (2005)			3.950"/100.4mm x 3.320"/84.0mm				
	4.0L 245 CID SOHC 12V V6 FORD VIN Code: 'N' (2006-2010)			3.950"/100.4mm x 3.320"/84.0mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-723A	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490
For Years: 1997 - 2010								
Connecting Rod Bearing Pair (6)	AL-5	CB-1795A-10	20,30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490
For Years: 1997 - 2010								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-723A(6)	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490
For Years: 1997 - 2010								



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
6 CYL (cont.)									
80 (cont.)	4.0L 245 CID SOHC 12V V6 FORD VIN Codes: 'E' (2004-2011), 'K' (2007-2008, 2010)			3.950"/100.3mm x 3.320"/84.3mm					80 (cont.)
	4.0L 245 CID SOHC 12V V6 FORD; Cologne (2005)			3.950"/100.4mm x 3.320"/84.0mm					
	4.0L 245 CID SOHC 12V V6 FORD VIN Code: 'N' (2006-2010)			3.950"/100.4mm x 3.320"/84.0mm					
Connecting Rod Bearing Set	AL-5	CB-1795A-10(6)	20,30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490	
For Years: 1997 - 2010 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set 1-2-4	AL-5	MS-2006A	STD,10,20,30	2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	0.8500	
3		MB-3202A MB-3467A(F)		2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	1.0350	
Auxiliary Shaft Bearing Set	B-1	SH-1977S	STD						
Front		SH-1977				0.0610	1.8522	1.1420	
Rear		SH-1978				0.0610	1.8072	0.9050	
For Years: 1997 - 2010									
81	4.0L 245 CID OHV 12V V6 FORD (1995)			3.950"/100.3mm x 3.320"/84.3mm					81
Connecting Rod Bearing Pair (6)	AL-5	CB-723A	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490	
Connecting Rod Bearing Pair (6)	AL-5	CB-1795A-10	20,30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-723A(6)	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490	
Connecting Rod Bearing Set	AL-5	CB-1795A-10(6)	20,30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Camshaft Bearing Set	B-1	SH-1441S	STD						
1		SH-1441		1.9516/1.9524	0.0010/0.0046	0.0617	2.0768/2.0784	0.7800	
2		SH-1442		1.9374/1.9382	0.0008/0.0044	0.0614	2.0618/2.0634	0.7050	
3		SH-1443		1.9224/1.9232	0.0008/0.0044	0.0614	2.0468/2.0484	0.7050	
4		SH-1444		1.9071/1.9079	0.0010/0.0046	0.0615	2.0319/2.0335	0.5900	
82	4.0L 245 CID OHV 12V V6 FORD VIN Code: 'X' (1990-2000)			3.950"/100.3mm x 3.320"/84.3mm					82
Connecting Rod Bearing Pair (6)	AL-5	CB-723A	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490	
Connecting Rod Bearing Pair (6)	AL-5	CB-1795A-10	20,30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-723A(6)	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490	
Connecting Rod Bearing Set	AL-5	CB-1795A-10(6)	20,30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
82 (cont.)	4.0L 245 CID OHV 12V V6 FORD VIN Code: 'X' (1990-2000)			3.950"/100.3mm x 3.320"/84.3mm				82 (cont.)
Main Bearing Set 1-2-4 3	AL-5	MS-2006A MB-3202A MB-3467A(F)	STD,10,20,30	2.2433/2.2441 2.2433/2.2441	0.0006/0.0032 0.0006/0.0032	0.0711 0.0711	2.3866/2.3874 2.3866/2.3874	0.8500 1.0350
Camshaft Bearing Set 1 2 3 4	B-1	SH-1441S SH-1441 SH-1442 SH-1443 SH-1444	STD	1.9516/1.9524 1.9374/1.9382 1.9224/1.9232 1.9071/1.9079	0.0010/0.0046 0.0008/0.0044 0.0008/0.0044 0.0010/0.0046	0.0617 0.0614 0.0614 0.0615	2.0768/2.0784 2.0618/2.0634 2.0468/2.0484 2.0319/2.0335	0.7800 0.7050 0.7050 0.5900
83	4.1L 250 CID OHV 12V L6 FORD VIN Codes: 'C' (1980), 'L' (1975-1979)			3.680"/93.5mm x 3.910"/99.3mm				83
	4.1L 4097 CC 250 CID OHV 12V L6 FORD VIN Code: 'L' (1969-1974)			3.680"/93.5mm x 3.910"/99.2mm				
	4.1L 4098 CC 250 CID OHV 12V L6 FORD VIN Code: 'L' (1969-1974)			3.680"/93.5mm x 3.910"/99.3mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-583A	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Connecting Rod Bearing Pair (6)	TM-77	CB-583P	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Connecting Rod Bearing Set	AL-5	CB-583A(6)	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Connecting Rod Bearing Set	TM-77	CB-583P(6)	STD,10,20,30,40	2.1232/2.1240	0.0002/0.0028	0.0574	2.2390/2.2398	0.8100
Main Bearing Set 1-2-3-4-6-7 5	AL-5	MS-979A MB-2553A MB-2554A(F)	STD,10,20,30	2.3982/2.3990 2.3982/2.3990	0.0005/0.0031 0.0005/0.0031	0.0955 0.0955	2.5902/2.5910 2.5902/2.5910	0.9700 1.1950
NOTE: Contains 3.5670in Diameter Flanged Bearing								
Main Bearing Set 1-2-3-4-6-7 5	TM-77	MS-979P MB-2553P MB-2554P(F)	STD,10,20,40	2.3982/2.3990 2.3982/2.3990	0.0005/0.0031 0.0005/0.0031	0.0955 0.0955	2.5902/2.5910 2.5902/2.5910	0.9700 1.1950
NOTE: Contains 3.5670in Diameter Flanged Bearing								
Camshaft Bearing Set 1 2 3 4	B-1	SH-703S SH-703 SH-412 SH-413 SH-414	STD	1.8095/1.8105 1.8095/1.8105 1.8095/1.8105 1.8095/1.8105	0.0010/0.0050 0.0010/0.0050 0.0010/0.0050 0.0010/0.0050	0.0833 0.0758 0.0683 0.0608	1.9780/1.9790 1.9630/1.9640 1.9480/1.9490 1.9330/1.9340	0.7300 0.7300 0.7300 0.7300
84	4.3L 4294 CC 262 CID OHV 12V L6 FORD VIN Code: 'B' (1961-1964)			3.720"/94.5mm x 4.030"/102.4mm				84
Main Bearing Set		MS-525P-10						
Camshaft Bearing Set 1-2-3-4	B-1	SH-533S SH-533	STD	1.9260/1.9270	0.0005/0.0045	0.0650	2.0575/2.0585	0.8900
NOTE: Engines With Oil Feed Holes In Camshaft Journals								
Camshaft Bearing Set 1-2-4 3	B-1	SH-534S SH-533 SH-249	STD	1.9260/1.9270 1.9260/1.9270	0.0005/0.0045 0.0005/0.0045	0.0650 0.0650	2.0575/2.0585 2.0575/2.0585	0.8900 0.8900
NOTE: Except Engines With Oil Feed Holes In Camshaft Journals								



FORD

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
85	4.9L 4917 CC 300 CID OHV 12V L6 FORD			4.000"/101.6mm x 3.980"/101.0mm				85
VIN Code: '9' (1982-1985)								
Connecting Rod Bearing Pair (6)	AL-5	CB-699A	STD,10,20,30,40	2.1228/2.1236	0.0002/0.0024	0.0756	2.2750/2.2758	0.8000
Connecting Rod Bearing Pair (6)	AL-5	CB-1799A-10	20,30	2.1228/2.1236	0.0002/0.0024	0.0766	2.2770/2.2778	0.8000
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (6)	TM-77	CB-699P-1		2.1228/2.1236	0.0002/0.0028	0.0756	2.2750/2.2758	0.8000
Connecting Rod Bearing Set	AL-5	CB-699A(6)	STD,10,20,30,40	2.1228/2.1236	0.0002/0.0024	0.0756	2.2750/2.2758	0.8000
Connecting Rod Bearing Set	AL-5	CB-1799A-10(6)	20,30	2.1228/2.1236	0.0002/0.0024	0.0766	2.2770/2.2778	0.8000
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set 1-2-3-4-6-7	AL-5	MS-979A	STD,10,20,30	2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	0.9700
5		MB-2553A		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	0.9700
		MB-2554A(F)		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	1.1950
NOTE: Contains 3.5670in Diameter Flanged Bearing								
Main Bearing Set 1-2-3-4-6-7	TM-77	MS-979P	STD,10,20,40	2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	0.9700
5		MB-2553P		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	0.9700
		MB-2554P(F)		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	1.1950
NOTE: Contains 3.5670in Diameter Flanged Bearing								
Camshaft Bearing Set 1-2-3-4	B-1	SH-567S	STD	2.0170/2.0180	0.0012/0.0044	0.0624	2.1440/2.1450	0.8650
		SH-567		2.0170/2.0180	0.0012/0.0044	0.0624	2.1440/2.1450	0.8650
NOTE: Thru 5/14/1985								
Camshaft Bearing Set 1-4	B-1	SH-1254S	STD	2.0170/2.0180	0.0010/0.0052	0.0695	2.1580/2.1600	0.8650
2-3		SH-1254		2.0170/2.0180	0.0012/0.0044	0.0624	2.1440/2.1450	0.8650
		SH-567		2.0170/2.0180	0.0012/0.0044	0.0624	2.1440/2.1450	0.8650
For Year: 1985								
NOTE: From 5/15/1985								
86	4.9L 300 CID OHV 12V L6 FORD			4.000"/101.6mm x 3.980"/101.0mm				86
VIN Codes: '9' (1983-1985), 'K' (1978-1979)								
Connecting Rod Bearing Pair (6)	TM-77	CB-699P-1		2.1228/2.1236	0.0002/0.0028	0.0756	2.2750/2.2758	0.8000
Main Bearing Set	TM-77	MS-979P-10	20,40					
NOTE: Contains 3.5670in Diameter Flanged Bearing								
87	4.9L 4917 CC 300 CID OHV 12V L6 FORD			4.000"/101.6mm x 3.980"/101.0mm				87
VIN Code: 'Y' (1983-1986)								
Connecting Rod Bearing Pair (6)	AL-5	CB-699A	STD,10,20,30,40	2.1228/2.1236	0.0002/0.0024	0.0756	2.2750/2.2758	0.8000
Connecting Rod Bearing Pair (6)	AL-5	CB-1799A-10	20,30	2.1228/2.1236	0.0002/0.0024	0.0766	2.2770/2.2778	0.8000
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (6)	TM-77	CB-699P-1		2.1228/2.1236	0.0002/0.0028	0.0756	2.2750/2.2758	0.8000
Connecting Rod Bearing Set	AL-5	CB-699A(6)	STD,10,20,30,40	2.1228/2.1236	0.0002/0.0024	0.0756	2.2750/2.2758	0.8000



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				6 CYL (cont.)					
87 (cont.)	4.9L 4917 CC 300 CID OHV 12V L6 FORD VIN Code: 'Y' (1983-1986)			4.000"/101.6mm x 3.980"/101.0mm					87 (cont.)
Connecting Rod Bearing Set	AL-5	CB-1799A-10(6)	20,30	2.1228/2.1236	0.0002/0.0024	0.0766	2.2770/2.2778	0.8000	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set	AL-5	MS-979A	STD,10,20,30						
1-2-3-4-6-7		MB-2553A		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	0.9700	
5		MB-2554A(F)		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	1.1950	
NOTE: Contains 3.5670in Diameter Flanged Bearing									
Main Bearing Set	TM-77	MS-979P	STD,10,20,40						
1-2-3-4-6-7		MB-2553P		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	0.9700	
5		MB-2554P(F)		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	1.1950	
NOTE: Contains 3.5670in Diameter Flanged Bearing									
Main Bearing Set		MS-765P-10							
NOTE: Engines With 3.368in Main Bearing Flange O.D.									
Camshaft Bearing Set	B-1	SH-567S	STD						
1-2-3-4		SH-567		2.0170/2.0180	0.0012/0.0044	0.0624	2.1440/2.1450	0.8650	
For Years: 1983 - 1985									
NOTE: Thru 5/14/1985									
Camshaft Bearing Set	B-1	SH-1254S	STD						
1-4		SH-1254		2.0170/2.0180	0.0010/0.0052	0.0695	2.1580/2.1600	0.8650	
2-3		SH-567		2.0170/2.0180	0.0012/0.0044	0.0624	2.1440/2.1450	0.8650	
For Years: 1985 - 1986									
NOTE: From 5/15/1985									
88	4.9L 4917 CC 300 CID OHV 12V L6 FORD VIN Code: 'Z' (1995-1996)			4.000"/101.6mm x 3.980"/101.0mm					88
Connecting Rod Bearing Pair (6)	AL-5	CB-699A	STD,10,20,30,40	2.1228/2.1236	0.0002/0.0024	0.0756	2.2750/2.2758	0.8000	
Connecting Rod Bearing Pair (6)	AL-5	CB-1799A-10	20,30	2.1228/2.1236	0.0002/0.0024	0.0766	2.2770/2.2778	0.8000	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Pair (6)	TM-77	CB-699P-1		2.1228/2.1236	0.0002/0.0028	0.0756	2.2750/2.2758	0.8000	
Connecting Rod Bearing Set	AL-5	CB-699A(6)	STD,10,20,30,40	2.1228/2.1236	0.0002/0.0024	0.0756	2.2750/2.2758	0.8000	
Connecting Rod Bearing Set	AL-5	CB-1799A-10(6)	20,30	2.1228/2.1236	0.0002/0.0024	0.0766	2.2770/2.2778	0.8000	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set	AL-5	MS-979A	STD,10,20,30						
1-2-3-4-6-7		MB-2553A		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	0.9700	
5		MB-2554A(F)		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	1.1950	
NOTE: Contains 3.5670in Diameter Flanged Bearing									
Main Bearing Set	TM-77	MS-979P	STD,10,20,40						
1-2-3-4-6-7		MB-2553P		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	0.9700	
5		MB-2554P(F)		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	1.1950	
NOTE: Contains 3.5670in Diameter Flanged Bearing									



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
88 (cont.)	4.9L 4917 CC 300 CID OHV 12V L6 FORD VIN Code: 'Z' (1995-1996)			4.000"/101.6mm x 3.980"/101.0mm				88 (cont.)
Camshaft Bearing Set	B-1	SH-1254S	STD					
1-4		SH-1254		2.0170/2.0180	0.0010/0.0052	0.0695	2.1580/2.1600	0.8650
2-3		SH-567		2.0170/2.0180	0.0012/0.0044	0.0624	2.1440/2.1450	0.8650
89 (cont.)	4.9L 4917 CC 300 CID OHV 12V L6 FORD VIN Code: 'Y' (1987-1996)			4.000"/101.6mm x 3.980"/101.0mm				89 (cont.)
Connecting Rod Bearing Pair (6)	AL-5	CB-699A	STD,10,20,30,40	2.1228/2.1236	0.0002/0.0024	0.0756	2.2750/2.2758	0.8000
Connecting Rod Bearing Pair (6)	AL-5	CB-1799A-10	20,30	2.1228/2.1236	0.0002/0.0024	0.0766	2.2770/2.2778	0.8000
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (6)	TM-77	CB-699P-1		2.1228/2.1236	0.0002/0.0028	0.0756	2.2750/2.2758	0.8000
Connecting Rod Bearing Set	AL-5	CB-699A(6)	STD,10,20,30,40	2.1228/2.1236	0.0002/0.0024	0.0756	2.2750/2.2758	0.8000
Connecting Rod Bearing Set	AL-5	CB-1799A-10(6)	20,30	2.1228/2.1236	0.0002/0.0024	0.0766	2.2770/2.2778	0.8000
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-979A	STD,10,20,30					
1-2-3-4-6-7		MB-2553A		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	0.9700
5		MB-2554A(F)		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	1.1950
NOTE: Contains 3.5670in Diameter Flanged Bearing								
Main Bearing Set	TM-77	MS-979P	STD,10,20,40					
1-2-3-4-6-7		MB-2553P		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	0.9700
5		MB-2554P(F)		2.3982/2.3990	0.0005/0.0031	0.0955	2.5902/2.5910	1.1950
NOTE: Contains 3.5670in Diameter Flanged Bearing								
Main Bearing Set		MS-765P-10						
For Years: 1987 - 1992								
NOTE: Engines With 3.368in Main Bearing Flange O.D.								
Camshaft Bearing Set	B-1	SH-1254S	STD					
1-4		SH-1254		2.0170/2.0180	0.0010/0.0052	0.0695	2.1580/2.1600	0.8650
2-3		SH-567		2.0170/2.0180	0.0012/0.0044	0.0624	2.1440/2.1450	0.8650
8 CYL								
90 (cont.)	3.4L 207 CID DOHC 32V V8 YAMAHA; SHO VIN Code: 'N' (1996-1999)			3.240"/82.4mm x 3.130"/75.9mm				90 (cont.)
Connecting Rod Bearing Pair (8)	AL-5	CB-1772A	STD,.25mm,.50mm,.75mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
Connecting Rod Bearing Pair (8)	AL-5	CB-1845A-.25mm	.50mm,.75mm	1.9670/1.9680	0.0008/0.0034	0.0604	2.0892/2.0900	0.7080
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1772A(6)	STD,.25mm,.50mm,.75mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
Piston Pin Bushing (8)	C-1	223-3651	STD			0.0708	0.9467	0.8450
NOTE: OE Replacement, Requires Light Reaming								



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
91	3.6L 3622 CC 221 CID OHV 16V V8 FORD			3.500"/88.9mm x 2.880"/73.0mm					91
	VIN Code: 'L' (1962-1963)								
	5.0L 302 CID OHV 16V V8 FORD			4.000"/101.6mm x 3.000"/76.2mm					
	VIN Code: 'F' (1975-1985)								
Connecting Rod Bearing Pair (8)	AL-5	CB-634A	STD,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260	
Connecting Rod Bearing Pair (8)	AL-5	CB-1778A	STD,10,20,30	2.1228/2.1236	0.0003/0.0029	0.0586	2.2410/2.2418	0.7260	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Pair (8)	TM-77	CB-634P	STD,1,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260	
Connecting Rod Bearing Set	AL-5	CB-634A(8)	STD,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260	
Connecting Rod Bearing Set	TM-77	CB-634P(8)	STD,1,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260	
Connecting Rod Bearing Set	AL-5	CB-1778A-10(8)	20,30						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set 1-2-4-5	AL-5	MS-590A	STD,10,20,30,40	2.2482/2.2490	0.0001/0.0026	0.0960	2.4412/2.4420	0.8900	
		MB-2121A		2.2482/2.2490	0.0005/0.0029	0.0960	2.4412/2.4420	1.1330	
		MB-2122A(F)							
Main Bearing Set 1-2-4-5	TM-77	MS-590P	STD,1,10,20,30,40	2.2482/2.2490	0.0001/0.0026	0.0960	2.4412/2.4420	0.8900	
		MB-2121P		2.2482/2.2490	0.0005/0.0029	0.0960	2.4412/2.4420	1.1330	
		MB-2122P(F)							
Camshaft Bearing Set 1	B-2	SH-1321S	STD	2.0805/2.0815	0.0011/0.0049	0.0602	2.2030/2.2050	0.6650	
2		SH-1321		2.0655/2.0665	0.0011/0.0049	0.0602	2.1880/2.1900	0.6650	
3		SH-1322		2.0505/2.0515	0.0011/0.0049	0.0602	2.1730/2.1750	0.6650	
4		SH-1323		2.0355/2.0365	0.0011/0.0049	0.0602	2.1580/2.1600	0.6650	
5		SH-1324		2.0205/2.0215	0.0011/0.0049	0.0602	2.1430/2.1450	0.6650	
		SH-1325							
For Years: 1962 - 1975									
NOTE: High Strength Material									
92	3.9L 3924 CC 239 CID L-HEAD 16V V8 FORD			3.190"/81.0mm x 3.750"/95.3mm					92
	(1942-1953)								
Connecting Rod Bearing Pair (8)	TM-77	CB-15P	STD,10,20,30,40	2.1380/2.1390	0.0005/0.0030	0.0755	2.2905/2.2910	0.7700	
For Years: 1946 - 1953									
Main Bearing Set (8) 1-2	TM-77	MS-109P	STD,10,20						
		MB-352P		2.4980/2.4990	0.0009/0.0035	0.0857	2.6700/2.6720	1.5060	
		MB-1183P(F)		2.4980/2.4990	0.0010/0.0036	0.0857	2.6700/2.6720	2.2510	
Camshaft Bearing Set 1-3	B-1	SH-21S	STD	1.7960/1.7970	0.0010/0.0050	0.0654	1.9275/1.9285	1.6050	
2		SH-21		1.7960/1.7970	0.0010/0.0050	0.0655	1.9275/1.9285	1.3200	
		SH-22							
For Years: 1946 - 1953									
Piston Pin Bushing (8)	B	223-3451	STD			0.0360	0.8115/0.8125	1.3220	
For Years: 1946 - 1953									
NOTE: OE Replacement, Requires Light Reaming									



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
93	3.9L 3924 CC 239 CID L-HEAD 16V V8 FORD VIN Code: 'B' (1949-1953, 1968)			3.190"/81.0mm x 3.750"/95.3mm				93
Connecting Rod Bearing Pair (8)	TM-77	CB-15P	STD,10,20,30,40	2.1380/2.1390	0.0005/0.0030	0.0755	2.2905/2.2910	0.7700
Main Bearing Set (8)	TM-77	MS-109P	STD,10,20					
1-2		MB-352P		2.4980/2.4990	0.0009/0.0035	0.0857	2.6700/2.6720	1.5060
3		MB-1183P(F)		2.4980/2.4990	0.0010/0.0036	0.0857	2.6700/2.6720	2.2510
For Years: 1949 - 1953								
94	4.2L 4186 CC 255 CID L-HEAD 16V V8 FORD (1948-1954)			3.190"/81.0mm x 4.000"/101.6mm				94
Connecting Rod Bearing Pair (8)	TM-77	CB-15P	STD,10,20,30,40	2.1380/2.1390	0.0005/0.0030	0.0755	2.2905/2.2910	0.7700
Main Bearing Set (8)	TM-77	MS-109P	STD,10,20					
1-2		MB-352P		2.4980/2.4990	0.0009/0.0035	0.0857	2.6700/2.6720	1.5060
3		MB-1183P(F)		2.4980/2.4990	0.0010/0.0036	0.0857	2.6700/2.6720	2.2510
Main Bearing Set		MS-178P-10	20,30					
For Year: 1953								
Camshaft Bearing Set	B-1	SH-21S	STD					
1-3		SH-21		1.7960/1.7970	0.0010/0.0050	0.0654	1.9275/1.9285	1.6050
2		SH-22		1.7960/1.7970	0.0010/0.0050	0.0655	1.9275/1.9285	1.3200
For Years: 1950 - 1953								
Piston Pin Bushing (8)	B	223-3451	STD			0.0360	0.8115/0.8125	1.3220
For Years: 1950 - 1953								
NOTE: OE Replacement, Requires Light Reaming								
95	4.2L 255 CID OHV 16V V8 FORD VIN Code: 'D' (1980-1982)			3.680"/93.5mm x 3.000"/76.2mm				95
Connecting Rod Bearing Pair (8)	AL-5	CB-634A	STD,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260
Connecting Rod Bearing Pair (8)	AL-5	CB-1778A	STD,10,20,30	2.1228/2.1236	0.0003/0.0029	0.0586	2.2410/2.2418	0.7260
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-634P	STD,1,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260
Connecting Rod Bearing Set	AL-5	CB-634A(8)	STD,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260
Connecting Rod Bearing Set	TM-77	CB-634P(8)	STD,1,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260
Connecting Rod Bearing Set	AL-5	CB-1778A-10(8)	20,30					
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set (8)	AL-5	MS-590A	STD,10,20,30,40					
1-2-4-5		MB-2121A		2.2482/2.2490	0.0001/0.0026	0.0960	2.4412/2.4420	0.8900
3		MB-2122A(F)		2.2482/2.2490	0.0005/0.0029	0.0960	2.4412/2.4420	1.1330
Main Bearing Set (8)	TM-77	MS-590P	STD,1,10,20,30,40					
1-2-4-5		MB-2121P		2.2482/2.2490	0.0001/0.0026	0.0960	2.4412/2.4420	0.8900
3		MB-2122P(F)		2.2482/2.2490	0.0005/0.0029	0.0960	2.4412/2.4420	1.1330
Main Bearing Set		MS-178P-10	20,30					
For Years: 1981 - 1982								



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
95 (cont.)	4.2L 255 CID OHV 16V V8 FORD VIN Code: 'D' (1980-1982)			3.680"/93.5mm x 3.000"/76.2mm					95 (cont.)
Camshaft Bearing Set	B-2	SH-1321S	STD						
1		SH-1321		2.0805/2.0815	0.0011/0.0049	0.0602	2.2030/2.2050	0.6650	
2		SH-1322		2.0655/2.0665	0.0011/0.0049	0.0602	2.1880/2.1900	0.6650	
3		SH-1323		2.0505/2.0515	0.0011/0.0049	0.0602	2.1730/2.1750	0.6650	
4		SH-1324		2.0355/2.0365	0.0011/0.0049	0.0602	2.1580/2.1600	0.6650	
5		SH-1325		2.0205/2.0215	0.0011/0.0049	0.0602	2.1430/2.1450	0.6650	
NOTE: High Strength Material									
96	4.2L 4196 CC 256 CID OHV 16V V8 FORD (1954)			3.630"/92.1mm x 3.110"/79.0mm					96
Connecting Rod Bearing Pair (8)	TM-77	CB-461P	STD,10,20,30	2.1880/2.1888	0.0002/0.0024	0.0617	2.3120/2.3128	0.7460	
Main Bearing Set	TM-77	MS-109P	STD,10,20						
1-2		MB-352P		2.4980/2.4990	0.0009/0.0035	0.0857	2.6700/2.6720	1.5060	
3		MB-1183P(F)		2.4980/2.4990	0.0010/0.0036	0.0857	2.6700/2.6720	2.2510	
Main Bearing Set		MS-178P-10	20,30						
Camshaft Bearing Set	B-1	SH-559S	STD						
1		SH-285		1.9255/1.9265	0.0010/0.0050	0.0650	2.0575/2.0585	0.8900	
2-3-4-5		SH-559		1.9255/1.9265	0.0010/0.0050	0.0650	2.0575/2.0585	0.6300	
Piston Pin Bushing	B	223-3546	STD						
NOTE: OE Replacement, Requires Boring									
97	4.3L 4261 CC 260 CID OHV 16V V8 FORD VIN Code: 'F' (1962-1965)			3.800"/96.4mm x 2.880"/73.0mm					97
	4.7L 4727 CC 289 CID OHV 16V V8 FORD VIN Code: 'D' (1964-1965)			4.000"/101.6mm x 2.880"/73.0mm					
	4.7L 4727 CC 289 CID OHV 16V V8 FORD; Hi-Perf. VIN Code: 'K' (1963-1967)			4.000"/101.6mm x 2.880"/73.0mm					
	5.0L 302 CID OHV 16V V8 FORD; HO VIN Codes: 'F' (1982), 'M' (1985)			4.000"/101.6mm x 3.000"/76.2mm					
	5.0L 4949 CC 302 CID OHV 16V V8 FORD VIN Codes: 'D' (1969-1972), 'G' (1968-1974), 'J' (1968)			4.000"/101.6mm x 3.000"/76.2mm					
	5.0L 302 CID OHV 16V V8 FORD VIN Codes: 'B' (1976-1977), 'F' (1983), 'G' (1975-1979), 'N' (1985-1996), 'P' (1996-2001)			4.000"/101.6mm x 3.000"/76.2mm					
	5.0L 4950 CC 302 CID OHV 16V V8 FORD VIN Code: 'G' (1968-1974)			4.000"/101.6mm x 3.000"/76.2mm					
Connecting Rod Bearing Pair (8)	AL-5	CB-634A	STD,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260	
Connecting Rod Bearing Pair (8)	AL-5	CB-1778A	STD,10,20,30	2.1228/2.1236	0.0003/0.0029	0.0586	2.2410/2.2418	0.7260	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Pair (8)	TM-77	CB-634P	STD,1,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260	
Connecting Rod Bearing Set	AL-5	CB-634A(8)	STD,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260	
Connecting Rod Bearing Set	TM-77	CB-634P(8)	STD,1,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260	



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
97 (cont.)	4.3L	4261 CC 260 CID OHV 16V V8 FORD			3.800"/96.4mm		2.880"/73.0mm	97 (cont.)
		VIN Code: 'F' (1962-1965)						
	4.7L	4727 CC 289 CID OHV 16V V8 FORD			4.000"/101.6mm		2.880"/73.0mm	
		VIN Code: 'D' (1964-1965)						
	4.7L	4727 CC 289 CID OHV 16V V8 FORD; Hi-Perf.			4.000"/101.6mm		2.880"/73.0mm	
		VIN Code: 'K' (1963-1967)						
	5.0L	302 CID OHV 16V V8 FORD; HO			4.000"/101.6mm		3.000"/76.2mm	
	VIN Codes: 'F' (1982), 'M' (1985)							
5.0L	4949 CC 302 CID OHV 16V V8 FORD			4.000"/101.6mm		3.000"/76.2mm		
	VIN Codes: 'D' (1969-1972), 'G' (1968-1974), 'J' (1968)							
5.0L	302 CID OHV 16V V8 FORD			4.000"/101.6mm		3.000"/76.2mm		
	VIN Codes: 'B' (1976-1977), 'F' (1983), 'G' (1975-1979), 'N' (1985-1996), 'P' (1996-2001)							
5.0L	4950 CC 302 CID OHV 16V V8 FORD			4.000"/101.6mm		3.000"/76.2mm		
	VIN Code: 'G' (1968-1974)							
Connecting Rod Bearing Set	AL-5	CB-1778A-10(8)	20,30					
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-590A	STD,10,20,30,40					
1-2-4-5		MB-2121A		2.2482/2.2490	0.0001/0.0026	0.0960	2.4412/2.4420	0.8900
3		MB-2122A(F)		2.2482/2.2490	0.0005/0.0029	0.0960	2.4412/2.4420	1.1330
Main Bearing Set	TM-77	MS-590P	STD,1,10,20,30,40					
1-2-4-5		MB-2121P		2.2482/2.2490	0.0001/0.0026	0.0960	2.4412/2.4420	0.8900
3		MB-2122P(F)		2.2482/2.2490	0.0005/0.0029	0.0960	2.4412/2.4420	1.1330
98	4.4L	4458 CC 272 CID OHV 16V V8 FORD			3.630"/92.1mm		3.300"/83.7mm	98
		VIN Codes: 'B' (1957), 'M' (1955-1958), 'U' (1955-1958)						
	4.8L	4786 CC 292 CID OHV 16V V8 FORD			3.750"/95.3mm		3.300"/83.7mm	
		VIN Codes: 'D' (1958-1964), 'M' (1956)						
Connecting Rod Bearing Pair (8)	TM-77	CB-461P	STD,10,20,30	2.1880/2.1888	0.0002/0.0024	0.0617	2.3120/2.3128	0.7460
Main Bearing Set		MS-178P-10	20,30					



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
99	4.6L 281 CID SOHC 16V V8 FORD; Triton (Windsor) VIN Code: '6' (1997-2000, 2002-2003)			3.550"/90.2mm x 3.540"/90.0mm					99
	4.6L 281 CID SOHC 16V V8 FORD; Triton VIN Code: '6' (1996, 1999)			3.550"/90.2mm x 3.540"/90.0mm					
	4.6L 281 CID SOHC 16V V8 FORD VIN Code: '9' (1996-2005)			3.550"/90.2mm x 3.540"/90.0mm					
	4.6L 4601 CC 281 CID SOHC 16V V8 FORD 99W (2010-2014)			3.550"/90.2mm x 3.540"/90.0mm					
	5.4L 330 CID SOHC 16V V8 FORD; Triton VIN Codes: '3' (1999-2004), 'M' (1997-2005), 'Z' (1998-2004)			3.550"/90.2mm x 4.170"/105.7mm					
	5.4L 330 CID SOHC 24V V8 FORD; InTech VIN Code: '5' (2005)			3.550"/90.2mm x 4.170"/105.7mm					
	5.4L 5409 CC 330 CID SOHC 24V V8 FORD 995 (2010)			3.550"/90.2mm x 4.170"/105.9mm					
	5.4L 5409 CC 330 CID DOHC 32V V8 FORD VIN Code: 'H' (2000)			3.550"/90.2mm x 4.170"/105.8mm					
	5.4L 330 CID SOHC 32V V8 FORD; Triton (2000)			3.550"/90.2mm x 4.170"/105.8mm					
	5.4L 330 CID DOHC 32V V8 FORD; Triton (2001-2004)			3.550"/90.2mm x 4.170"/105.8mm					
	5.4L 330 CID DOHC 32V V8 FORD; InTech VIN Codes: 'A' (1999-2002), 'R' (2001-2004)			3.550"/90.2mm x 4.170"/105.7mm					
Connecting Rod Bearing Pair (8)	AL-5	CB-1442A	STD, .25mm, .50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270	
Connecting Rod Bearing Pair (8)	AL-5	CB-1634A-.25mm	.50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-1442A(8)	STD, .25mm, .50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270	
Connecting Rod Bearing Set	AL-5	CB-1634A-.25mm(8)	.50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set	AL-5	MS-2202A	STD, .25mm, .50mm, .75mm						
1		MB-3752A		2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580	
2-3-4-5		MB-3139A		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580	
5		MB-3139W						0.1151	
For Years: 1995 - 2013									
NOTE: Windsor Engine, Contains Straight Shell Bearings And 3 Piece Thrust Washer Set, Use In Number 5 Position									
Main Bearing Set	TM-77	MS-2202P	STD, .25mm						
1		MB-3752P		2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580	
2-3-4-5		MB-3139P		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580	
5		MB-3139W						0.1151	
For Years: 1995 - 2013									
NOTE: Windsor Engine, Contains Straight Shell Bearings And 3 Piece Thrust Washer Set, Use In Number 5 Position									



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
100	4.6L 281 CID SOHC 16V V8 FORD; Triton VIN Code: 'W' (2004-2010)			3.550"/90.2mm x 3.540"/90.0mm			100	
Connecting Rod Bearing Pair (8)	AL-5	CB-1442A	STD, .25mm, .50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
Connecting Rod Bearing Pair (8)	AL-5	CB-1634A-.25mm	.50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1442A(8)	STD, .25mm, .50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
Connecting Rod Bearing Set	AL-5	CB-1634A-.25mm(8)	.50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-2202A	STD, .25mm, .50mm, .75mm					
1		MB-3752A		2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580
2-3-4-5		MB-3139A		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
NOTE: Windsor Engine, Contains Straight Shell Bearings And 3 Piece Thrust Washer Set, Use In Number 5 Position								
Main Bearing Set	TM-77	MS-2202P	STD, .25mm					
1		MB-3752P		2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580
2-3-4-5		MB-3139P		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
NOTE: Windsor Engine, Contains Straight Shell Bearings And 3 Piece Thrust Washer Set, Use In Number 5 Position								
Main Bearing Set	AL-5	MS-2259A	STD, .25mm, .50mm					
1-2-3-4		MB-3841A		2.6567/2.6577	0.0003/0.0028	0.0962	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
5		MB-3842A(F)		2.6567/2.6577	0.0003/0.0028	0.0962	2.5804/2.5813	0.8910
For Years: 2009 - 2010								
NOTE: Aluminum Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set With Lower Half Flanged Thrust Bearing Position Number 5, Aluminum Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set With Lower Half Flanged Thrust Bearing Position Number 5								
101	4.6L 281 CID SOHC 16V V8 FORD VIN Codes: 'V' (2006-2011), 'X' (1996-2004)			3.550"/90.2mm x 3.540"/90.0mm			101	
4.6L 281 CID SOHC 24V V8 FORD (1995-2010)				3.550"/90.2mm x 3.540"/90.0mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-1442A	STD, .25mm, .50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
Connecting Rod Bearing Pair (8)	AL-5	CB-1634A-.25mm	.50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1442A(8)	STD, .25mm, .50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
Connecting Rod Bearing Set	AL-5	CB-1634A-.25mm(8)	.50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
101 (cont.)	4.6L 281 CID SOHC 16V V8 FORD VIN Codes: 'V' (2006-2011), 'X' (1996-2004)			3.550"/90.2mm x 3.540"/90.0mm					101 (cont.)
	4.6L 281 CID SOHC 24V V8 FORD (1995-2010)			3.550"/90.2mm x 3.540"/90.0mm					
Main Bearing Set	AL-5	MS-2007A	STD, .25mm, .50mm, .75mm						
1-2-3-4		MB-3139A		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580	
5		MB-3139W						0.1151	
5		MB-3140A(F)		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.8900	
For Years: 1996 - 2010									
NOTE: Cast Iron Romeo Block, Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5									
Main Bearing Set	AL-5	MS-2202A	STD, .25mm, .50mm, .75mm						
1		MB-3752A		2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580	
2-3-4-5		MB-3139A		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580	
5		MB-3139W						0.1151	
For Years: 1996 - 2011									
NOTE: Windsor Engine, Contains Straight Shell Bearings And 3 Piece Thrust Washer Set, Use In Number 5 Position									
Main Bearing Set	TM-77	MS-2007P	STD, .25mm						
1-2-3-4		MB-3139P		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580	
5		MB-3139W						0.1151	
5		MB-3140P(F)		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.8900	
For Years: 1996 - 2010									
NOTE: Cast Iron Romeo Block, Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5									
Main Bearing Set	TM-77	MS-2202P	STD, .25mm						
1		MB-3752P		2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580	
2-3-4-5		MB-3139P		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580	
5		MB-3139W						0.1151	
For Years: 1996 - 2011									
NOTE: Windsor Engine, Contains Straight Shell Bearings And 3 Piece Thrust Washer Set, Use In Number 5 Position									
Main Bearing Set	AL-5	MS-2259A	STD, .25mm, .50mm						
1-2-3-4		MB-3841A		2.6567/2.6577	0.0003/0.0028	0.0962	2.8504/2.8513	0.7580	
5		MB-3139W						0.1151	
5		MB-3842A(F)		2.6567/2.6577	0.0003/0.0028	0.0962	2.5804/2.5813	0.8910	
For Years: 1996 - 2010									
NOTE: Aluminum Block, Aluminum Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set With Lower Half Flanged Thrust Bearing Position Number 5, Aluminum Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set With Lower Half Flanged Thrust Bearing Position Number 5									
102	4.6L 281 CID SOHC 16V V8 FORD; Triton (Romeo) VIN Code: 'W' (1997-2008)			3.550"/90.2mm x 3.540"/90.0mm					102
Connecting Rod Bearing Pair (8)	AL-5	CB-1442A	STD, .25mm, .50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270	
Connecting Rod Bearing Pair (8)	AL-5	CB-1634A-.25mm	.50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									



FORD

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
102 (cont.)	4.6L 281 CID SOHC 16V V8 FORD; Triton (Romeo) VIN Code: 'W' (1997-2008)			3.550"/90.2mm x 3.540"/90.0mm			102 (cont.)		
Connecting Rod Bearing Set	AL-5	CB-1442A(8)	STD, .25mm, .50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270	
Connecting Rod Bearing Set	AL-5	CB-1634A-.25mm(8)	.50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set (8)	AL-5	MS-2007A	STD, .25mm, .50mm, .75mm						
1-2-3-4		MB-3139A		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580	
5		MB-3139W						0.1151	
5		MB-3140A(F)		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.8900	
NOTE: Cast Iron Romeo Block, Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5									
Main Bearing Set (8)	TM-77	MS-2007P	STD, .25mm						
1-2-3-4		MB-3139P		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580	
5		MB-3139W						0.1151	
5		MB-3140P(F)		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.8900	
NOTE: Cast Iron Romeo Block, Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5									
Main Bearing Set	AL-5	MS-2259A	STD, .25mm, .50mm						
1-2-3-4		MB-3841A		2.6567/2.6577	0.0003/0.0028	0.0962	2.8504/2.8513	0.7580	
5		MB-3139W						0.1151	
5		MB-3842A(F)		2.6567/2.6577	0.0003/0.0028	0.0962	2.5804/2.5813	0.8910	
NOTE: Aluminum Block, Aluminum Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set With Lower Half Flanged Thrust Bearing Position Number 5, Aluminum Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set With Lower Half Flanged Thrust Bearing Position Number 5									
Piston Pin Bushing (8)	C-1	223-3679	STD				0.0525	0.9450/0.9460	0.9350
For Years: 2005 - 2008									
NOTE: OE Replacement, Requires Boring									
103	4.6L 281 CID SOHC 16V V8 FORD; Triton VIN Code: 'W' (2009-2014)			3.550"/90.2mm x 3.540"/90.0mm			103		
Connecting Rod Bearing Pair (8)	AL-5	CB-1442A	STD, .25mm, .50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270	
Connecting Rod Bearing Pair (8)	AL-5	CB-1634A-.25mm	.50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-1442A(8)	STD, .25mm, .50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270	
Connecting Rod Bearing Set	AL-5	CB-1634A-.25mm(8)	.50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
103 (cont.)	4.6L 281 CID SOHC 16V V8 FORD; Triton VIN Code: 'W' (2009-2014)			3.550"/90.2mm x 3.540"/90.0mm				103 (cont.)
Main Bearing Set	AL-5	MS-2202A	STD, .25mm, .50mm, .75mm					
1		MB-3752A		2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580
2-3-4-5		MB-3139A		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
NOTE: Windsor Engine, Contains Straight Shell Bearings And 3 Piece Thrust Washer Set, Use In Number 5 Position								
104	4.6L 281 CID SOHC 16V V8 FORD VIN Code: 'W' (1991-2011)			3.550"/90.2mm x 3.540"/90.0mm				104
Connecting Rod Bearing Pair (8)	AL-5	CB-1442A	STD, .25mm, .50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
Connecting Rod Bearing Pair (8)	AL-5	CB-1634A-.25mm	.50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1442A(8)	STD, .25mm, .50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
Connecting Rod Bearing Set	AL-5	CB-1634A-.25mm(8)	.50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-2007A	STD, .25mm, .50mm, .75mm					
1-2-3-4		MB-3139A		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
5		MB-3140A(F)		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.8900
For Years: 1992 - 2010								
NOTE: Cast Iron Romeo Block, Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5								
Main Bearing Set	AL-5	MS-2202A	STD, .25mm, .50mm, .75mm					
1		MB-3752A		2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580
2-3-4-5		MB-3139A		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
For Years: 1993 - 2011								
NOTE: Windsor Engine, Contains Straight Shell Bearings And 3 Piece Thrust Washer Set, Use In Number 5 Position								
Main Bearing Set	AL-5	MS-2204A	STD, .25mm, .50mm, .75mm					
1-2-3-4		MB-3139A		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
5		MB-3755A(F)		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.8900
For Years: 1991 - 1992								
Main Bearing Set	TM-77	MS-2007P	STD, .25mm					
1-2-3-4		MB-3139P		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
5		MB-3140P(F)		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.8900
For Years: 1992 - 2010								
NOTE: Cast Iron Romeo Block, Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
104 (cont.)	4.6L 281 CID SOHC 16V V8 FORD VIN Code: 'W' (1991-2011)			3.550"/90.2mm x 3.540"/90.0mm			104 (cont.)	
Main Bearing Set	TM-77	MS-2202P	STD,.25mm					
1		MB-3752P		2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580
2-3-4-5		MB-3139P		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
For Years: 1993 - 2011								
NOTE: Windsor Engine, Contains Straight Shell Bearings And 3 Piece Thrust Washer Set, Use In Number 5 Position								
Main Bearing Set	AL-5	MS-2259A	STD,.25mm,.50mm					
1-2-3-4		MB-3841A		2.6567/2.6577	0.0003/0.0028	0.0962	2.8504/2.8513	0.7580
5		MB-3139W						0.1151
5		MB-3842A(F)		2.6567/2.6577	0.0003/0.0028	0.0962	2.5804/2.5813	0.8910
For Years: 1993 - 2010								
NOTE: Aluminum Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set With Lower Half Flanged Thrust Bearing Position Number 5, Aluminum Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set With Lower Half Flanged Thrust Bearing Position Number 5								
105	4.6L 4605 CC 281 CID SOHC 16V V8 FORD 99W (2010)			3.550"/90.2mm x 0.350"/9.0mm			105	
	4.6L 4605 CC 281 CID SOHC 24V V8 FORD 998 (2010)			3.550"/90.2mm x 0.350"/9.0mm				
	5.4L 5408 CC 330 CID SOHC 24V V8 FORD 995 (2011-2012)			3.550"/90.2mm x 4.170"/105.8mm				
	5.4L 5409 CC 330 CID DOHC 32V V8 FORD 99S (2011-2012)			3.550"/90.2mm x 4.170"/105.8mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-1442A	STD,.25mm,.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
Connecting Rod Bearing Pair (8)	AL-5	CB-1634A-.25mm	.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1442A(8)	STD,.25mm,.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
Connecting Rod Bearing Set	AL-5	CB-1634A-.25mm(8)	.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
106	4.6L 281 CID SOHC 24V V8 FORD 998 VIN Codes: '8' (2006-2010), 'H' (2006-2010)			3.550"/90.2mm x 3.540"/90.0mm			106	
	4.6L 281 CID SOHC 24V V8 FORD; Triton VIN Code: '8' (2009-2010)			3.550"/90.2mm x 3.540"/90.0mm				
	4.6L 281 CID DOHC 32V V8 FORD VIN Codes: 'R' (2003-2004), 'V' (1996-1999, 2001), 'Y' (2003-2004)			3.550"/90.2mm x 3.540"/90.0mm				
	4.6L 281 CID DOHC 32V V8 FORD; InTech VIN Code: 'V' (1993-2002, 2004)			3.550"/90.2mm x 3.540"/90.0mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-1442A	STD,.25mm,.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
Connecting Rod Bearing Pair (8)	AL-5	CB-1634A-.25mm	.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
106 (cont.)	4.6L 281 CID SOHC 24V V8 FORD 998 VIN Codes: '8' (2006-2010), 'H' (2006-2010)			3.550"/90.2mm x 3.540"/90.0mm					106 (cont.)
	4.6L 281 CID SOHC 24V V8 FORD; Triton VIN Code: '8' (2009-2010)			3.550"/90.2mm x 3.540"/90.0mm					
	4.6L 281 CID DOHC 32V V8 FORD VIN Codes: 'R' (2003-2004), 'V' (1996-1999, 2001), 'Y' (2003-2004)			3.550"/90.2mm x 3.540"/90.0mm					
	4.6L 281 CID DOHC 32V V8 FORD; InTech VIN Code: 'V' (1993-2002, 2004)			3.550"/90.2mm x 3.540"/90.0mm					
Connecting Rod Bearing Set	AL-5	CB-1442A(8)	STD,.25mm,.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270	
Connecting Rod Bearing Set	AL-5	CB-1634A-.25mm(8)	.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set	AL-5	MS-2259A	STD,.25mm,.50mm						
1-2-3-4		MB-3841A		2.6567/2.6577	0.0003/0.0028	0.0962	2.8504/2.8513	0.7580	
5		MB-3139W						0.1151	
5		MB-3842A(F)		2.6567/2.6577	0.0003/0.0028	0.0962	2.5804/2.5813	0.8910	
NOTE: Aluminum Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set With Lower Half Flanged Thrust Bearing Position Number 5, Aluminum Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set With Lower Half Flanged Thrust Bearing Position Number 5									
107	4.6L 281 CID DOHC 32V V8 FORD (2005)			3.550"/90.2mm x 3.540"/90.0mm					107
Piston Pin Bushing (8)	C-1	223-3679	STD			0.0525	0.9450/0.9460	0.9350	
NOTE: OE Replacement, Requires Boring									
108	4.6L 281 CID DOHC 32V V8 FORD; InTech VIN Code: 'H' (2003-2005)			3.550"/90.2mm x 3.540"/90.0mm					108
Connecting Rod Bearing Pair (8)	AL-5	CB-1442A	STD,.25mm,.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270	
Connecting Rod Bearing Pair (8)	AL-5	CB-1634A-.25mm	.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-1442A(8)	STD,.25mm,.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270	
Connecting Rod Bearing Set	AL-5	CB-1634A-.25mm(8)	.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set	AL-5	MS-2259A	STD,.25mm,.50mm						
1-2-3-4		MB-3841A		2.6567/2.6577	0.0003/0.0028	0.0962	2.8504/2.8513	0.7580	
5		MB-3139W						0.1151	
5		MB-3842A(F)		2.6567/2.6577	0.0003/0.0028	0.0962	2.5804/2.5813	0.8910	
NOTE: Aluminum Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set With Lower Half Flanged Thrust Bearing Position Number 5, Aluminum Cylinder Block, Romeo Engine Contains 1 Piece Thrust Washer Set With Lower Half Flanged Thrust Bearing Position Number 5									



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
108 (cont.)	4.6L 281 CID DOHC 32V V8 FORD; InTech VIN Code: 'H' (2003-2005)			3.550"/90.2mm x 3.540"/90.0mm			108 (cont.)	
Piston Pin Bushing (8) For Year: 2005 NOTE: OE Replacement, Requires Boring	C-1	223-3679	STD			0.0525	0.9450/0.9460	0.9350
109	4.7L 4727 CC 289 CID OHV 16V V8 FORD; Hi-Perf. (1966-1968)			4.000"/101.6mm x 2.880"/73.0mm			109	
Main Bearing Set 1-2-4-5 3	AL-5	MS-590A MB-2121A MB-2122A(F)	STD,10,20,30,40	2.2482/2.2490 2.2482/2.2490	0.0001/0.0026 0.0005/0.0029	0.0960	2.4412/2.4420 2.4412/2.4420	0.8900 1.1330
Main Bearing Set 1-2-4-5 3	TM-77	MS-590P MB-2121P MB-2122P(F)	STD,1,10,20,30,40	2.2482/2.2490 2.2482/2.2490	0.0001/0.0026 0.0005/0.0029	0.0960	2.4412/2.4420 2.4412/2.4420	0.8900 1.1330
110	4.7L 4727 CC 289 CID OHV 16V V8 FORD VIN Codes: 'A' (1964-1968), 'C' (1963-1968), 'N' (1966-1968)			4.000"/101.6mm x 2.880"/73.0mm			110	
Connecting Rod Bearing Pair (8)	AL-5	CB-634A	STD,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260
Connecting Rod Bearing Pair (8) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1778A	STD,10,20,30	2.1228/2.1236	0.0003/0.0029	0.0586	2.2410/2.2418	0.7260
Connecting Rod Bearing Pair (8)	TM-77	CB-634P	STD,1,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260
Connecting Rod Bearing Set	AL-5	CB-634A(8)	STD,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260
Connecting Rod Bearing Set	TM-77	CB-634P(8)	STD,1,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260
Connecting Rod Bearing Set NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1778A-10(8)	20,30					
Main Bearing Set 1-2-4-5 3	AL-5	MS-590A MB-2121A MB-2122A(F)	STD,10,20,30,40	2.2482/2.2490 2.2482/2.2490	0.0001/0.0026 0.0005/0.0029	0.0960	2.4412/2.4420 2.4412/2.4420	0.8900 1.1330
Main Bearing Set 1-2-4-5 3	TM-77	MS-590P MB-2121P MB-2122P(F)	STD,1,10,20,30,40	2.2482/2.2490 2.2482/2.2490	0.0001/0.0026 0.0005/0.0029	0.0960	2.4412/2.4420 2.4412/2.4420	0.8900 1.1330
Camshaft Bearing Set 1 2 3 4 5 For Years: 1966 - 1968	B-1	SH-510S SH-510 SH-511 SH-512 SH-513 SH-514	STD,10	2.0805/2.0815 2.0655/2.0665 2.0505/2.0515 2.0355/2.0365 2.0205/2.0215	0.0010/0.0050 0.0010/0.0050 0.0010/0.0050 0.0010/0.0050 0.0010/0.0050	0.0608	2.2041/2.2051 2.1890/2.1900 2.1740/2.1750 2.1590/2.1600 2.1440/2.1450	0.6700 0.6700 0.6700 0.6700 0.6700
111	4.8L 4786 CC 292 CID OHV 16V V8 FORD VIN Codes: 'C' (1957-1964), 'P' (1955-1957), 'W' (1960-1962)			3.750"/95.3mm x 3.300"/83.7mm			111	
Connecting Rod Bearing Pair (8)	TM-77	CB-461P	STD,10,20,30	2.1880/2.1888	0.0002/0.0024	0.0617	2.3120/2.3128	0.7460
Main Bearing Set		MS-178P-10	20,30					



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
111 (cont.)	4.8L 4786 CC 292 CID OHV 16V V8 FORD			3.750"/95.3mm x 3.300"/83.7mm				111 (cont.)
VIN Codes: 'C' (1957-1964), 'P' (1955-1957), 'W' (1960-1962)								
Camshaft Bearing Set	B-1	SH-559S	STD					
1		SH-285		1.9255/1.9265	0.0010/0.0050	0.0650	2.0575/2.0585	0.8900
2-3-4-5		SH-559		1.9255/1.9265	0.0010/0.0050	0.0650	2.0575/2.0585	0.6300
For Years: 1957 - 1962								
Piston Pin Bushing (8)	B	223-3546	STD					
For Years: 1957 - 1962								
NOTE: OE Replacement, Requires Boring								
112	5.0L 4949 CC 302 CID OHV 16V V8 FORD; Boss/Eliminator			4.000"/101.6mm x 3.000"/76.2mm				112
VIN Code: 'G' (1969-1971)								
5.0L 302 CID OHV 16V V8 FORD; HO				4.000"/101.6mm x 3.000"/76.2mm				
VIN Codes: 'D' (1993-1995), 'E' (1987-1993), 'T' (1991-1995)								
5.0L 4950 CC 302 CID OHV 16V V8 FORD (1969)				4.000"/101.6mm x 3.000"/76.2mm				
5.0L 4949 CC 302 CID OHV 16V V8 FORD				4.000"/101.6mm x 3.000"/76.2mm				
VIN Code: 'F' (1968-1974)								
Connecting Rod Bearing Pair (8)	AL-5	CB-634A	STD,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260
Connecting Rod Bearing Pair (8)	AL-5	CB-1778A	STD,10,20,30	2.1228/2.1236	0.0003/0.0029	0.0586	2.2410/2.2418	0.7260
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-634P	STD,1,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260
Connecting Rod Bearing Set	AL-5	CB-634A(8)	STD,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260
Connecting Rod Bearing Set	TM-77	CB-634P(8)	STD,1,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260
Connecting Rod Bearing Set	AL-5	CB-1778A-10(8)	20,30					
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-590A	STD,10,20,30,40					
1-2-4-5		MB-2121A		2.2482/2.2490	0.0001/0.0026	0.0960	2.4412/2.4420	0.8900
3		MB-2122A(F)		2.2482/2.2490	0.0005/0.0029	0.0960	2.4412/2.4420	1.1330
Main Bearing Set	TM-77	MS-590P	STD,1,10,20,30,40					
1-2-4-5		MB-2121P		2.2482/2.2490	0.0001/0.0026	0.0960	2.4412/2.4420	0.8900
3		MB-2122P(F)		2.2482/2.2490	0.0005/0.0029	0.0960	2.4412/2.4420	1.1330
Camshaft Bearing Set	B-2	SH-2147S	STD					
For Years: 1969 - 1995								
113	5.0L 302 CID OHV 16V V8 FORD			4.000"/101.6mm x 3.000"/76.2mm				113
VIN Code: 'F' (1980-1985)								
Connecting Rod Bearing Pair (8)	AL-5	CB-634A	STD,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260
Connecting Rod Bearing Pair (8)	AL-5	CB-1778A	STD,10,20,30	2.1228/2.1236	0.0003/0.0029	0.0586	2.2410/2.2418	0.7260
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
113 (cont.)	5.0L 302 CID OHV 16V V8 FORD VIN Code: 'F' (1980-1985)			4.000"/101.6mm x 3.000"/76.2mm				113 (cont.)
Connecting Rod Bearing Pair (8)	TM-77	CB-634P	STD,1,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260
Connecting Rod Bearing Set	AL-5	CB-634A(8)	STD,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260
Connecting Rod Bearing Set	TM-77	CB-634P(8)	STD,1,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260
Connecting Rod Bearing Set	AL-5	CB-1778A-10(8)	20,30					
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
114	5.0L 302 CID OHV 16V V8 FORD (1995-2001)			4.000"/101.6mm x 3.000"/76.2mm				114
Connecting Rod Bearing Pair (8)	AL-5	CB-634A	STD,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260
Connecting Rod Bearing Pair (8)	AL-5	CB-1778A	STD,10,20,30	2.1228/2.1236	0.0003/0.0029	0.0586	2.2410/2.2418	0.7260
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-634P	STD,1,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260
Connecting Rod Bearing Set	AL-5	CB-634A(8)	STD,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260
Connecting Rod Bearing Set	TM-77	CB-634P(8)	STD,1,10,20,30,40	2.1228/2.1236	0.0003/0.0029	0.0576	2.2390/2.2398	0.7260
Connecting Rod Bearing Set	AL-5	CB-1778A-10(8)	20,30					
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Camshaft Bearing Set	B-2	SH-2147S	STD					
For Year: 1995								
115	5.0L 4951 CC 302 CID DOHC 32V V8 FORD 99F VIN Code: 'F' (2013-2017)			3.630"/92.2mm x 3.650"/92.7mm				115
5.0L 4951 CC 302 CID SOHC 32V V8 FORD 99F (2011-2013)				3.630"/92.2mm x 3.650"/92.7mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-1442A	STD,.25mm,.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
For Years: 2011 - 2016								
Connecting Rod Bearing Pair (8)	AL-5	CB-1634A-.25mm	.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
For Years: 2011 - 2016								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1442A(8)	STD,.25mm,.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
For Years: 2011 - 2016								
Connecting Rod Bearing Set	AL-5	CB-1634A-.25mm(8)	.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270
For Years: 2011 - 2016								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
115 (cont.)	5.0L 4951 CC 302 CID DOHC 32V V8 FORD 99F VIN Code: 'F' (2013-2017)			3.630"/92.2mm x 3.650"/92.7mm					115 (cont.)
	5.0L 4951 CC 302 CID SOHC 32V V8 FORD 99F (2011-2013)			3.630"/92.2mm x 3.650"/92.7mm					
Main Bearing Set	AL-5	MS-2292A	STD,.25mm						
1-2-3-4		MB-3931A		2.6567/2.6577	0.0003/0.0028	0.0962	2.8504/2.8513	0.7580	
5		MB-3932A(F)		2.6567/2.6577	0.0003/0.0028	0.0962	2.8504/2.8513	0.9475	
5		MB-3932W						0.0930	
NOTE: Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5									
116	5.0L 4951 CC 302 CID DOHC 32V V8 FORD 99F, 99U VIN Codes: 'F' (2011-2016), 'U' (2012-2013)			3.630"/92.2mm x 3.650"/92.7mm					116
Connecting Rod Bearing Pair (8)	AL-5	CB-1442A	STD,.25mm,.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270	
Connecting Rod Bearing Pair (8)	AL-5	CB-1634A-.25mm	.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-1442A(8)	STD,.25mm,.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270	
Connecting Rod Bearing Set	AL-5	CB-1634A-.25mm(8)	.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set	AL-5	MS-2292A	STD,.25mm						
1-2-3-4		MB-3931A		2.6567/2.6577	0.0003/0.0028	0.0962	2.8504/2.8513	0.7580	
5		MB-3932A(F)		2.6567/2.6577	0.0003/0.0028	0.0962	2.8504/2.8513	0.9475	
5		MB-3932W						0.0930	
NOTE: Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5									
Piston Pin Bushing (8)	C-1	223-3679	STD			0.0525	0.9450/0.9460	0.9350	
For Years: 2011 - 2012 NOTE: OE Replacement, Requires Boring									
117	5.0L 5000 CC 305 CID DOHC 32V V8 FORD (2011-2012)								117
Main Bearing Set	AL-5	MS-2292A	STD,.25mm						
1-2-3-4		MB-3931A		2.6567/2.6577	0.0003/0.0028	0.0962	2.8504/2.8513	0.7580	
5		MB-3932A(F)		2.6567/2.6577	0.0003/0.0028	0.0962	2.8504/2.8513	0.9475	
5		MB-3932W						0.0930	
NOTE: Contains 1 Piece Thrust Washer Set with Lower Half Flanged Thrust Bearing Position Number 5									
118	5.1L 5114 CC 312 CID OHV 16V V8 FORD VIN Codes: 'D' (1957), 'F' (1957), 'P' (1959-1960)			3.800"/96.4mm x 3.440"/87.3mm					118
Connecting Rod Bearing Pair (8)	TM-77	CB-461P	STD,10,20,30	2.1880/2.1888	0.0002/0.0024	0.0617	2.3120/2.3128	0.7460	
Main Bearing Set	TM-77	MS-195P-10							
1-2-4-5		MB-1717P		2.6235/2.6243	0.0005/0.0029	0.0959	2.8160/2.8168	0.8720	
3		MB-1718P(F)		2.6235/2.6243	0.0005/0.0029	0.0959	2.8160/2.8168	1.1200	
119	5.1L 5114 CC 312 CID OHV 16V V8 FORD VIN Codes: 'E' (1956-1957), 'F' (1957), 'L' (1958)			3.800"/96.4mm x 3.440"/87.3mm					119
Connecting Rod Bearing Pair (8)	TM-77	CB-461P	STD,10,20,30	2.1880/2.1888	0.0002/0.0024	0.0617	2.3120/2.3128	0.7460	



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
119 (cont.)	5.1L 5114 CC 312 CID OHV 16V V8 FORD VIN Codes: 'E' (1956-1957), 'F' (1957), 'L' (1958)			3.800"/96.4mm x 3.440"/87.3mm				119 (cont.)
Main Bearing Set 1-2-4-5 3	TM-77	MS-195P-10 MB-1717P MB-1718P(F)		2.6235/2.6243 2.6235/2.6243	0.0005/0.0029 0.0005/0.0029	0.0959 0.0959	2.8160/2.8168 2.8160/2.8168	0.8720 1.1200
Piston Pin Bushing (8) NOTE: OE Replacement, Requires Boring	B	223-3546	STD			0.0411	0.9730/0.9750	1.2500
120	5.1L 5114 CC 312 CID OHV 16V V8 FORD VIN Code: 'P' (1956-1958)			3.800"/96.4mm x 3.440"/87.3mm				120
Connecting Rod Bearing Pair (8)	TM-77	CB-461P	STD,10,20,30	2.1880/2.1888	0.0002/0.0024	0.0617	2.3120/2.3128	0.7460
Main Bearing Set 1-2-4-5 3	TM-77	MS-195P-10 MB-1717P MB-1718P(F)		2.6235/2.6243 2.6235/2.6243	0.0005/0.0029 0.0005/0.0029	0.0959 0.0959	2.8160/2.8168 2.8160/2.8168	0.8720 1.1200
Camshaft Bearing Set 1 2-3-4-5	B-1	SH-559S SH-285 SH-559	STD	1.9255/1.9265 1.9255/1.9265	0.0010/0.0050 0.0010/0.0050	0.0650 0.0650	2.0575/2.0585 2.0575/2.0585	0.8900 0.6300
Piston Pin Bushing (8) NOTE: OE Replacement, Requires Boring	B	223-3546	STD			0.0411	0.9730/0.9750	1.2500
121	5.4L 330 CID SOHC 16V V8 FORD; Triton VIN Code: 'L' (2015-2016)			3.550"/90.2mm x 4.170"/105.7mm				121
Main Bearing Set 1 2-3-4-5 5	AL-5	MS-2202A MB-3752A MB-3139A MB-3139W	STD,.25mm,.50mm, .75mm	2.6567/2.6577 2.6567/2.6577	0.0003/0.0032 0.0005/0.0025	0.0962 0.0962	2.8504/2.8513 2.8504/2.8513	0.7580 0.7580 0.1151
NOTE: Windsor Engine, Contains Straight Shell Bearings And 3 Piece Thrust Washer Set, Use In Number 5 Position								
Main Bearing Set 1 2-3-4-5 5	TM-77	MS-2202P MB-3752P MB-3139P MB-3139W	STD,.25mm	2.6567/2.6577 2.6567/2.6577	0.0003/0.0032 0.0005/0.0025	0.0962 0.0962	2.8504/2.8513 2.8504/2.8513	0.7580 0.7580 0.1151
NOTE: Windsor Engine, Contains Straight Shell Bearings And 3 Piece Thrust Washer Set, Use In Number 5 Position								
122	5.4L 330 CID SOHC 16V V8 FORD 995; Triton (1997-2009) 5.4L 330 CID SOHC 16V V8 FORD; Triton VIN Code: 'L' (1997-2008) 5.4L 330 CID SOHC 24V V8 FORD 995; Triton (2006-2008) 5.4L 330 CID SOHC 24V V8 FORD; Triton VIN Codes: '5' (2009-2014), 'V' (2006-2010)			3.550"/90.2mm x 4.170"/105.8mm 3.550"/90.2mm x 4.170"/105.7mm 3.550"/90.2mm x 4.170"/105.8mm 3.550"/90.2mm x 4.170"/105.7mm				122
Connecting Rod Bearing Pair (8)	AL-5	CB-1442A	STD,.25mm,.50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270
Connecting Rod Bearing Pair (8) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1634A-.25mm	.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
122 (cont.)	5.4L 330 CID SOHC 16V V8 FORD 995; Triton (1997-2009)			3.550"/90.2mm x 4.170"/105.8mm					122 (cont.)
	5.4L 330 CID SOHC 16V V8 FORD; Triton VIN Code: 'L' (1997-2008)			3.550"/90.2mm x 4.170"/105.7mm					
	5.4L 330 CID SOHC 24V V8 FORD 995; Triton (2006-2008)			3.550"/90.2mm x 4.170"/105.8mm					
	5.4L 330 CID SOHC 24V V8 FORD; Triton VIN Codes: '5' (2009-2014), 'V' (2006-2010)			3.550"/90.2mm x 4.170"/105.7mm					
Connecting Rod Bearing Set	AL-5	CB-1442A(8)	STD, .25mm, .50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270	
Connecting Rod Bearing Set	AL-5	CB-1634A-.25mm(8)	.50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set	AL-5	MS-2202A	STD, .25mm, .50mm, .75mm						
1		MB-3752A		2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580	
2-3-4-5		MB-3139A		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580	
5		MB-3139W						0.1151	
NOTE: Windsor Engine, Contains Straight Shell Bearings And 3 Piece Thrust Washer Set, Use In Number 5 Position									
Main Bearing Set	TM-77	MS-2202P	STD, .25mm						
1		MB-3752P		2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580	
2-3-4-5		MB-3139P		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580	
5		MB-3139W						0.1151	
NOTE: Windsor Engine, Contains Straight Shell Bearings And 3 Piece Thrust Washer Set, Use In Number 5 Position									
Piston Pin Bushing	C-1	223-3679	STD			0.0525	0.9450/0.9460	0.9350	
For Years: 1998 - 2013 NOTE: OE Replacement, Requires Boring									
123	5.4L 5409 CC 330 CID DOHC 32V V8 FORD VIN Code: 'S' (2005-2012)			3.550"/90.2mm x 4.170"/105.8mm					123
Connecting Rod Bearing Pair (8)	AL-5	CB-1442A	STD, .25mm, .50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270	
Connecting Rod Bearing Pair (8)	AL-5	CB-1634A-.25mm	.50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-1442A(8)	STD, .25mm, .50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270	
Connecting Rod Bearing Set	AL-5	CB-1634A-.25mm(8)	.50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set	TM-77	MS-2295P	STD, .25mm						
For Years: 2005 - 2009 NOTE: Cast Iron Cylinder Block, Cast Iron Cylinder Block									
124	5.4L 5441 CC 332 CID OHV 16V V8 FORD VIN Code: 'B' (1958-1959)			4.000"/101.6mm x 3.300"/83.7mm					124
Connecting Rod Bearing Pair (8)	AL-5	CB-760A	STD, 10, 20, 30, 40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340	



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
124 (cont.)	5.4L 5441 CC 332 CID OHV 16V V8 FORD VIN Code: 'B' (1958-1959)			4.000"/101.6mm x 3.300"/83.7mm				124 (cont.)
Connecting Rod Bearing Pair (8)	TM-77	CB-760P	STD,1,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
Connecting Rod Bearing Pair (8)	TM-77	CB-1801P-10	30,40	2.4380/2.4388	0.0025	0.0770	2.5935	0.7340
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Connecting Rod Bearing Pair (8)		CB-760C-60		2.4380/2.4388	0.0001/0.0025	0.1008	2.5907/2.5915	0.7340
Connecting Rod Bearing Set	AL-5	CB-760A(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
Connecting Rod Bearing Set	TM-77	CB-760P(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
Main Bearing Set		MS-445P-10	20					
NOTE: Contains 3.614in / 3.684in Diameter Flanged Bearing, Full Grooved Bearings								
Camshaft Bearing Set	B-1	SH-781S	STD					
1		SH-781		2.1238/2.1248	0.0010/0.0050	0.0919	2.3095/2.3105	0.6300
2		SH-377		2.1238/2.1248	0.0010/0.0050	0.0844	2.2945/2.2955	0.6300
3		SH-378		2.1238/2.1248	0.0010/0.0050	0.0769	2.2795/2.2805	0.6300
4		SH-379		2.1238/2.1248	0.0010/0.0050	0.0694	2.2645/2.2655	0.6300
5		SH-380		2.1238/2.1248	0.0010/0.0050	0.0619	2.2495/2.2505	0.5700
For Year: 1959								
125	5.4L 5441 CC 332 CID OHV 16V V8 FORD (1960-1963)			4.000"/101.6mm x 3.300"/83.7mm				125
Connecting Rod Bearing Pair (8)	TM-77	CB-756P	STD,10	2.4380/2.4388	0.0024/0.0050	0.0750	2.5907/2.5915	0.7460
Main Bearing Set		MS-445P-10	20					
NOTE: Contains 3.614in / 3.684in Diameter Flanged Bearing, Full Grooved Bearings								
126	5.4L 5441 CC 332 CID OHV 16V V8 FORD VIN Code: 'G' (1958-1959)			4.000"/101.6mm x 3.300"/83.7mm				126
Connecting Rod Bearing Pair (8)	AL-5	CB-760A	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
Connecting Rod Bearing Pair (8)	TM-77	CB-760P	STD,1,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
Connecting Rod Bearing Pair (8)	TM-77	CB-1801P-10	30,40	2.4380/2.4388	0.0025	0.0770	2.5935	0.7340
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Connecting Rod Bearing Pair (8)		CB-760C-60		2.4380/2.4388	0.0001/0.0025	0.1008	2.5907/2.5915	0.7340
Connecting Rod Bearing Set	AL-5	CB-760A(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
Connecting Rod Bearing Set	TM-77	CB-760P(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
Main Bearing Set		MS-445P-10	20					
NOTE: Contains 3.614in / 3.684in Diameter Flanged Bearing, Full Grooved Bearings								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
127	5.8L 5752 CC 351 CID OHV 16V V8 FORD; Cleveland Cobra Jet			4.000"/101.6mm x 3.500"/88.8mm				127
	VIN Code: 'Q' (1971-1974)							
	5.8L 5752 CC 351 CID OHV 16V V8 FORD; Cleveland			4.000"/101.6mm x 3.500"/88.8mm				
	VIN Codes: 'H' (1970-1974), 'M' (1970-1971)							
	5.8L 5753 CC 351 CID OHV 16V V8 FORD; Cleveland			4.000"/101.6mm x 3.500"/88.8mm				
	VIN Code: 'H' (1969-1974)							
Connecting Rod Bearing Pair (8)	AL-5	CB-927A	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0625	2.4361/2.4369	0.7260
Connecting Rod Bearing Pair (8)	TM-77	CB-927P	STD,1,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0625	2.4361/2.4369	0.7260
Connecting Rod Bearing Set	AL-5	CB-927A(8)	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0625	2.4361/2.4369	0.7260
Connecting Rod Bearing Set	TM-77	CB-927P(8)	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0625	2.4361/2.4369	0.7260
Main Bearing Set	TM-77	MS-1010P	STD,10,20					
1-2-4-5		MB-2560P		2.7484/2.7492	0.0005/0.0030	0.0962	2.9417/2.9425	0.8800
3		MB-2561P(F)		2.7484/2.7492	0.0005/0.0030	0.0962	2.9417/2.9425	1.1180
Camshaft Bearing Set	B-1	SH-710S	STD					
1		SH-710		2.1240/2.1250	0.0005/0.0045	0.0619	2.2495/2.2505	0.6700
2		SH-511		2.0655/2.0665	0.0010/0.0050	0.0608	2.1890/2.1900	0.6700
3		SH-512		2.0505/2.0515	0.0010/0.0050	0.0608	2.1740/2.1750	0.6700
4		SH-513		2.0355/2.0365	0.0010/0.0050	0.0608	2.1590/2.1600	0.6700
5		SH-514		2.0205/2.0215	0.0010/0.0050	0.0608	2.1440/2.1450	0.6700
For Years: 1970 - 1974								
128	5.8L 351 CID OHV 16V V8 FORD; HO			4.000"/101.6mm x 3.500"/88.8mm				128
	VIN Code: 'H' (1977, 1984-1987)							
Main Bearing Set	AL-5	MS-981A	STD,10,20,30,40					
1-2-4-5		MB-2557A		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400
3		MB-2558A(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330
NOTE: Contains Full Grooved Main Bearings								
Main Bearing Set	TM-77	MS-981P	STD,10,20,30					
1-2-4-5		MB-2557P		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400
3		MB-2558P(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330
NOTE: Contains Full Grooved Main Bearings								
129	5.8L 351 CID OHV 16V V8 FORD; Modified			4.000"/101.6mm x 3.500"/88.8mm				129
	VIN Code: 'G' (1980-1982, 1985-1986)							
	6.6L 6556 CC 400 CID OHV 16V V8 FORD			4.000"/101.6mm x 4.000"/101.6mm				
	VIN Code: 'S' (1971-1974)							
	6.6L 400 CID OHV 16V V8 FORD			4.000"/101.6mm x 4.000"/101.6mm				
	VIN Codes: 'S' (1975-1979), 'Z' (1977-1982)							
	6.6L 6555 CC 400 CID OHV 16V V8 FORD			4.000"/101.6mm x 4.000"/101.6mm				
	VIN Code: 'S' (1971-1974)							
Connecting Rod Bearing Pair (8)	AL-5	CB-927A	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0625	2.4361/2.4369	0.7260
For Years: 1971 - 1982								
Connecting Rod Bearing Pair (8)	TM-77	CB-927P	STD,1,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0625	2.4361/2.4369	0.7260
For Years: 1971 - 1982								
Connecting Rod Bearing Set	AL-5	CB-927A(8)	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0625	2.4361/2.4369	0.7260
For Years: 1971 - 1982								

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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
129 (cont.)	5.8L 351 CID OHV 16V V8 FORD; Modified VIN Code: 'G' (1980-1982, 1985-1986)			4.000"/101.6mm x 3.500"/88.8mm			129 (cont.)	
	6.6L 6556 CC 400 CID OHV 16V V8 FORD VIN Code: 'S' (1971-1974)			4.000"/101.6mm x 4.000"/101.6mm				
	6.6L 400 CID OHV 16V V8 FORD VIN Codes: 'S' (1975-1979), 'Z' (1977-1982)			4.000"/101.6mm x 4.000"/101.6mm				
	6.6L 6555 CC 400 CID OHV 16V V8 FORD VIN Code: 'S' (1971-1974)			4.000"/101.6mm x 4.000"/101.6mm				
Connecting Rod Bearing Set	TM-77	CB-927P(8)	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0625	2.4361/2.4369	0.7260
For Years: 1971 - 1982								
Main Bearing Set	AL-5	MS-981A	STD,10,20,30,40					
1-2-4-5		MB-2557A		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400
3		MB-2558A(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330
NOTE: Contains Full Grooved Main Bearings								
Main Bearing Set	AL-5	MS-1432A	STD,10,20,30					
1-2-4-5		MB-2754A		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400
3		MB-2558A(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330
NOTE: Contains Grooved Upper Half And Plain Lower Half								
Main Bearing Set	TM-77	MS-981P	STD,10,20,30					
1-2-4-5		MB-2557P		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400
3		MB-2558P(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330
NOTE: Contains Full Grooved Main Bearings								
Main Bearing Set	TM-77	MS-1432P	STD,10,20,30					
1-2-4-5		MB-2754P		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400
3		MB-2558P(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330
NOTE: Contains Grooved Upper Half And Plain Lower Half								
Camshaft Bearing Set	B-1	SH-710S	STD					
1		SH-710		2.1240/2.1250	0.0005/0.0045	0.0619	2.2495/2.2505	0.6700
2		SH-511		2.0655/2.0665	0.0010/0.0050	0.0608	2.1890/2.1900	0.6700
3		SH-512		2.0505/2.0515	0.0010/0.0050	0.0608	2.1740/2.1750	0.6700
4		SH-513		2.0355/2.0365	0.0010/0.0050	0.0608	2.1590/2.1600	0.6700
5		SH-514		2.0205/2.0215	0.0010/0.0050	0.0608	2.1440/2.1450	0.6700
For Years: 1971 - 1982								
130	5.8L 5752 CC 351 CID OHV 16V V8 FORD; Cleveland Boss VIN Code: 'R' (1971-1972)			4.000"/101.6mm x 3.500"/88.8mm			130	
Connecting Rod Bearing Pair (8)	AL-5	CB-927A	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0625	2.4361/2.4369	0.7260
Connecting Rod Bearing Pair (8)	TM-77	CB-927P	STD,1,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0625	2.4361/2.4369	0.7260
131	5.8L 351 CID OHV 16V V8 FORD; Windsor VIN Code: 'H' (1975-1979)			4.000"/101.6mm x 3.500"/88.8mm			131	
	5.8L 5752 CC 351 CID SOHC 16V V8 FORD (1997)			4.000"/101.6mm x 3.500"/88.8mm				
	5.8L 351 CID OHV 16V V8 FORD; HO (1995-1996)			4.000"/101.6mm x 3.500"/88.8mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-831A	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0577	2.4265/2.4273	0.7260
Connecting Rod Bearing Pair (8)	TM-77	CB-831P	STD,1,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0577	2.4265/2.4273	0.7260



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
131 (cont.)	5.8L 351 CID OHV 16V V8 FORD; Windsor VIN Code: 'H' (1975-1979)			4.000"/101.6mm x 3.500"/88.8mm					131 (cont.)
	5.8L 5752 CC 351 CID SOHC 16V V8 FORD (1997)			4.000"/101.6mm x 3.500"/88.8mm					
	5.8L 351 CID OHV 16V V8 FORD; HO (1995-1996)			4.000"/101.6mm x 3.500"/88.8mm					
Connecting Rod Bearing Pair (8)	AL-5	CB-1803A-10	20	2.3103/2.3111	0.0005/0.0031	0.0587	2.4265/2.4293	0.7260	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-831A(8)	STD,10,20,30	2.3103/2.3111	0.0005/0.0031	0.0577	2.4265/2.4273	0.7260	
Connecting Rod Bearing Set	AL-5	CB-1803A(8)	STD,10,20,30	2.3103/2.3111	0.0005/0.0031	0.0587	2.4285/2.4293	0.7260	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	TM-77	CB-831P(8)	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0577	2.4265/2.4273	0.7260	
Main Bearing Set 1-2-4-5	AL-5	MS-1432A	STD,10,20,30	2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400	
3		MB-2754A MB-2558A(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330	
NOTE: Contains Grooved Upper Half And Plain Lower Half									
Main Bearing Set 1-2-4-5	TM-77	MS-1432P	STD,10,20,30	2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400	
3		MB-2754P MB-2558P(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330	
NOTE: Contains Grooved Upper Half And Plain Lower Half									
Main Bearing Set 1-2-4-5	AL-5	MS-981A	STD,10,20,30,40	2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400	
3		MB-2557A MB-2558A(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330	
NOTE: Contains Full Grooved Main Bearings									
Main Bearing Set 1-2-4-5	TM-77	MS-981P	STD,10,20,30	2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400	
3		MB-2557P MB-2558P(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330	
NOTE: Contains Full Grooved Main Bearings									
Camshaft Bearing Set 1	B-1	SH-510S	STD,10	2.0805/2.0815	0.0010/0.0050	0.0608	2.2041/2.2051	0.6700	
2		SH-510		2.0655/2.0665	0.0010/0.0050	0.0608	2.1890/2.1900	0.6700	
3		SH-511		2.0505/2.0515	0.0010/0.0050	0.0608	2.1740/2.1750	0.6700	
4		SH-512		2.0355/2.0365	0.0010/0.0050	0.0608	2.1590/2.1600	0.6700	
5		SH-513		2.0205/2.0215	0.0010/0.0050	0.0608	2.1440/2.1450	0.6700	
		SH-514							
132	5.8L 5753 CC 351 CID OHV 16V V8 FORD; Cleveland VIN Code: 'Q' (1971-1974)			4.000"/101.6mm x 3.500"/88.8mm					132
Connecting Rod Bearing Pair (8)	AL-5	CB-927A	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0625	2.4361/2.4369	0.7260	
Connecting Rod Bearing Pair (8)	TM-77	CB-927P	STD,1,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0625	2.4361/2.4369	0.7260	
Connecting Rod Bearing Set	AL-5	CB-927A(8)	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0625	2.4361/2.4369	0.7260	
Connecting Rod Bearing Set	TM-77	CB-927P(8)	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0625	2.4361/2.4369	0.7260	



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
133	5.8L 351 CID OHV 16V V8 FORD VIN Code: 'G' (1983)			4.000"/101.6mm x 3.500"/88.8mm				133
Connecting Rod Bearing Pair (8)	AL-5	CB-927A	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0625	2.4361/2.4369	0.7260
Connecting Rod Bearing Pair (8)	TM-77	CB-927P	STD,1,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0625	2.4361/2.4369	0.7260
Connecting Rod Bearing Set	AL-5	CB-927A(8)	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0625	2.4361/2.4369	0.7260
Connecting Rod Bearing Set	TM-77	CB-927P(8)	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0625	2.4361/2.4369	0.7260
Main Bearing Set 1-2-4-5	AL-5	MS-981A MB-2557A	STD,10,20,30,40	2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400
3		MB-2558A(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330
NOTE: Contains Full Grooved Main Bearings								
Main Bearing Set 1-2-4-5	TM-77	MS-981P MB-2557P	STD,10,20,30	2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400
3		MB-2558P(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330
NOTE: Contains Full Grooved Main Bearings								
Camshaft Bearing Set 1	B-1	SH-510S	STD,10					
2		SH-510		2.0805/2.0815	0.0010/0.0050	0.0608	2.2041/2.2051	0.6700
3		SH-511		2.0655/2.0665	0.0010/0.0050	0.0608	2.1890/2.1900	0.6700
4		SH-512		2.0505/2.0515	0.0010/0.0050	0.0608	2.1740/2.1750	0.6700
5		SH-513		2.0355/2.0365	0.0010/0.0050	0.0608	2.1590/2.1600	0.6700
		SH-514		2.0205/2.0215	0.0010/0.0050	0.0608	2.1440/2.1450	0.6700
134	5.8L 351 CID OHV 16V V8 FORD; Windsor VIN Code: 'R' (1993-1995)			4.000"/101.6mm x 3.500"/88.8mm				134
	5.8L 351 CID OHV 16V V8 FORD; HO VIN Code: 'H' (1988-1997)			4.000"/101.6mm x 3.500"/88.8mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-831A	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0577	2.4265/2.4273	0.7260
Connecting Rod Bearing Pair (8)	TM-77	CB-831P	STD,1,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0577	2.4265/2.4273	0.7260
Connecting Rod Bearing Pair (8)	AL-5	CB-1803A-10	20	2.3103/2.3111	0.0005/0.0031	0.0587	2.4265/2.4293	0.7260
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-831A(8)	STD,10,20,30	2.3103/2.3111	0.0005/0.0031	0.0577	2.4265/2.4273	0.7260
Connecting Rod Bearing Set	AL-5	CB-1803A(8)	STD,10,20,30	2.3103/2.3111	0.0005/0.0031	0.0587	2.4285/2.4293	0.7260
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-831P(8)	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0577	2.4265/2.4273	0.7260
Main Bearing Set 1-2-4-5	AL-5	MS-981A MB-2557A	STD,10,20,30,40	2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400
3		MB-2558A(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330
NOTE: Contains Full Grooved Main Bearings								
Main Bearing Set 1-2-4-5	AL-5	MS-1432A MB-2754A	STD,10,20,30	2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400
3		MB-2558A(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330
NOTE: Contains Grooved Upper Half And Plain Lower Half								



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
134 (cont.)	5.8L 351 CID OHV 16V V8 FORD; Windsor VIN Code: 'R' (1993-1995)			4.000"/101.6mm x 3.500"/88.8mm					134 (cont.)
	5.8L 351 CID OHV 16V V8 FORD; HO VIN Code: 'H' (1988-1997)			4.000"/101.6mm x 3.500"/88.8mm					
Main Bearing Set	TM-77	MS-981P	STD,10,20,30						
1-2-4-5		MB-2557P		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400	
3		MB-2558P(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330	
NOTE: Contains Full Grooved Main Bearings									
Main Bearing Set	TM-77	MS-1432P	STD,10,20,30						
1-2-4-5		MB-2754P		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400	
3		MB-2558P(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330	
NOTE: Contains Grooved Upper Half And Plain Lower Half									
Camshaft Bearing Set	B-1	SH-510S	STD,10						
1		SH-510		2.0805/2.0815	0.0010/0.0050	0.0608	2.2041/2.2051	0.6700	
2		SH-511		2.0655/2.0665	0.0010/0.0050	0.0608	2.1890/2.1900	0.6700	
3		SH-512		2.0505/2.0515	0.0010/0.0050	0.0608	2.1740/2.1750	0.6700	
4		SH-513		2.0355/2.0365	0.0010/0.0050	0.0608	2.1590/2.1600	0.6700	
5		SH-514		2.0205/2.0215	0.0010/0.0050	0.0608	2.1440/2.1450	0.6700	
135	5.8L 351 CID OHV 16V V8 FORD; Windsor VIN Code: 'G' (1980-1985, 1987-1991)			4.000"/101.6mm x 3.500"/88.8mm					135
Connecting Rod Bearing Pair (8)	AL-5	CB-831A	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0577	2.4265/2.4273	0.7260	
Connecting Rod Bearing Pair (8)	TM-77	CB-831P	STD,1,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0577	2.4265/2.4273	0.7260	
Connecting Rod Bearing Pair (8)	AL-5	CB-1803A-10	20	2.3103/2.3111	0.0005/0.0031	0.0587	2.4265/2.4293	0.7260	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-831A(8)	STD,10,20,30	2.3103/2.3111	0.0005/0.0031	0.0577	2.4265/2.4273	0.7260	
Connecting Rod Bearing Set	AL-5	CB-1803A(8)	STD,10,20,30	2.3103/2.3111	0.0005/0.0031	0.0587	2.4285/2.4293	0.7260	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	TM-77	CB-831P(8)	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0577	2.4265/2.4273	0.7260	
Main Bearing Set	AL-5	MS-981A	STD,10,20,30,40						
1-2-4-5		MB-2557A		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400	
3		MB-2558A(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330	
NOTE: Contains Full Grooved Main Bearings									
Main Bearing Set	AL-5	MS-1432A	STD,10,20,30						
1-2-4-5		MB-2754A		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400	
3		MB-2558A(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330	
NOTE: Contains Grooved Upper Half And Plain Lower Half									
Main Bearing Set	TM-77	MS-981P	STD,10,20,30						
1-2-4-5		MB-2557P		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400	
3		MB-2558P(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330	
NOTE: Full Grooved Main Bearing, Contains Full Grooved Main Bearings									



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
135 (cont.)	5.8L 351 CID OHV 16V V8 FORD; Windsor VIN Code: 'G' (1980-1985, 1987-1991)			4.000"/101.6mm x 3.500"/88.8mm			135 (cont.)	
Main Bearing Set 1-2-4-5 3	TM-77	MS-1432P MB-2754P MB-2558P(F)	STD,10,20,30	2.9994/3.0002 2.9994/3.0002	0.0005/0.0029 0.0005/0.0029	0.0960 0.0960	3.1922/3.1930 3.1922/3.1930	0.8400 1.1330
NOTE: Contains Grooved Upper Half And Plain Lower Half								
Camshaft Bearing Set 1 2 3 4 5	B-1	SH-510S SH-510 SH-511 SH-512 SH-513 SH-514	STD,10	2.0805/2.0815 2.0655/2.0665 2.0505/2.0515 2.0355/2.0365 2.0205/2.0215	0.0010/0.0050 0.0010/0.0050 0.0010/0.0050 0.0010/0.0050 0.0010/0.0050	0.0608 0.0608 0.0608 0.0608 0.0608	2.2041/2.2051 2.1890/2.1900 2.1740/2.1750 2.1590/2.1600 2.1440/2.1450	0.6700 0.6700 0.6700 0.6700 0.6700
For Years: 1980 - 1985								
Camshaft Bearing Set 1 2 3 4 5	B-2	SH-1321S SH-1321 SH-1322 SH-1323 SH-1324 SH-1325	STD	2.0805/2.0815 2.0655/2.0665 2.0505/2.0515 2.0355/2.0365 2.0205/2.0215	0.0011/0.0049 0.0011/0.0049 0.0011/0.0049 0.0011/0.0049 0.0011/0.0049	0.0602 0.0602 0.0602 0.0602 0.0602	2.2030/2.2050 2.1880/2.1900 2.1730/2.1750 2.1580/2.1600 2.1430/2.1450	0.6650 0.6650 0.6650 0.6650 0.6650
For Years: 1980 - 1985								
NOTE: High Strength Material								
136	5.8L 5752 CC 351 CID OHV 16V V8 FORD; Windsor VIN Codes: 'H' (1969-1974), 'M' (1969-1971)			4.000"/101.6mm x 3.500"/88.8mm			136	
	5.8L 5753 CC 351 CID OHV 16V V8 FORD; Windsor VIN Code: 'H' (1969-1974)			4.000"/101.6mm x 3.500"/88.8mm				
	5.8L 351 CID OHV 16V V8 FORD; Windsor VIN Code: 'C' (1995)			4.000"/101.6mm x 3.500"/88.8mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-831A	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0577	2.4265/2.4273	0.7260
Connecting Rod Bearing Pair (8)	TM-77	CB-831P	STD,1,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0577	2.4265/2.4273	0.7260
Connecting Rod Bearing Pair (8)	AL-5	CB-1803A-10	20	2.3103/2.3111	0.0005/0.0031	0.0587	2.4265/2.4293	0.7260
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-831A(8)	STD,10,20,30	2.3103/2.3111	0.0005/0.0031	0.0577	2.4265/2.4273	0.7260
Connecting Rod Bearing Set	AL-5	CB-1803A(8)	STD,10,20,30	2.3103/2.3111	0.0005/0.0031	0.0587	2.4285/2.4293	0.7260
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-831P(8)	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0577	2.4265/2.4273	0.7260
Main Bearing Set 1-2-4-5 3	AL-5	MS-981A MB-2557A MB-2558A(F)	STD,10,20,30,40	2.9994/3.0002 2.9994/3.0002	0.0005/0.0029 0.0005/0.0029	0.0960 0.0960	3.1922/3.1930 3.1922/3.1930	0.8400 1.1330
NOTE: Contains Full Grooved Main Bearings								
Main Bearing Set 1-2-4-5 3	AL-5	MS-1432A MB-2754A MB-2558A(F)	STD,10,20,30	2.9994/3.0002 2.9994/3.0002	0.0005/0.0029 0.0005/0.0029	0.0960 0.0960	3.1922/3.1930 3.1922/3.1930	0.8400 1.1330
NOTE: Contains Grooved Upper Half And Plain Lower Half								



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
136 (cont.)	5.8L 5752 CC 351 CID OHV 16V V8 FORD; Windsor VIN Codes: 'H' (1969-1974), 'M' (1969-1971)			4.000"/101.6mm x 3.500"/88.8mm					136 (cont.)
	5.8L 5753 CC 351 CID OHV 16V V8 FORD; Windsor VIN Code: 'H' (1969-1974)			4.000"/101.6mm x 3.500"/88.8mm					
	5.8L 351 CID OHV 16V V8 FORD; Windsor VIN Code: 'C' (1995)			4.000"/101.6mm x 3.500"/88.8mm					
Main Bearing Set	TM-77	MS-981P	STD,10,20,30						
1-2-4-5		MB-2557P		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400	
3		MB-2558P(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330	
NOTE: Contains Full Grooved Main Bearings									
Main Bearing Set	TM-77	MS-1432P	STD,10,20,30						
1-2-4-5		MB-2754P		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400	
3		MB-2558P(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330	
NOTE: Contains Grooved Upper Half And Plain Lower Half									
137	5.8L 351 CID OHV 16V V8 FORD; Modified VIN Code: 'H' (1975-1979)			4.000"/101.6mm x 3.500"/88.8mm					137
Connecting Rod Bearing Pair (8)	AL-5	CB-927A	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0625	2.4361/2.4369	0.7260	
Connecting Rod Bearing Pair (8)	TM-77	CB-927P	STD,1,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0625	2.4361/2.4369	0.7260	
Connecting Rod Bearing Set	AL-5	CB-927A(8)	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0625	2.4361/2.4369	0.7260	
Connecting Rod Bearing Set	TM-77	CB-927P(8)	STD,10,20,30,40	2.3103/2.3111	0.0005/0.0031	0.0625	2.4361/2.4369	0.7260	
Main Bearing Set	AL-5	MS-981A	STD,10,20,30,40						
1-2-4-5		MB-2557A		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400	
3		MB-2558A(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330	
NOTE: Contains Full Grooved Main Bearings									
Main Bearing Set	TM-77	MS-981P	STD,10,20,30						
1-2-4-5		MB-2557P		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400	
3		MB-2558P(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330	
NOTE: Contains Full Grooved Main Bearings									
Main Bearing Set	AL-5	MS-1432A	STD,10,20,30						
1-2-4-5		MB-2754A		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400	
3		MB-2558A(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330	
NOTE: Contains Grooved Upper Half And Plain Lower Half									
Main Bearing Set	TM-77	MS-1432P	STD,10,20,30						
1-2-4-5		MB-2754P		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	0.8400	
3		MB-2558P(F)		2.9994/3.0002	0.0005/0.0029	0.0960	3.1922/3.1930	1.1330	
NOTE: Contains Grooved Upper Half And Plain Lower Half									
Camshaft Bearing Set	B-1	SH-510S	STD,10						
1		SH-510		2.0805/2.0815	0.0010/0.0050	0.0608	2.2041/2.2051	0.6700	
2		SH-511		2.0655/2.0665	0.0010/0.0050	0.0608	2.1890/2.1900	0.6700	
3		SH-512		2.0505/2.0515	0.0010/0.0050	0.0608	2.1740/2.1750	0.6700	
4		SH-513		2.0355/2.0365	0.0010/0.0050	0.0608	2.1590/2.1600	0.6700	
5		SH-514		2.0205/2.0215	0.0010/0.0050	0.0608	2.1440/2.1450	0.6700	
For Years: 1978 - 1979									
NOTE: Bronco									



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
137 (cont.)	5.8L 351 CID OHV 16V V8 FORD; Modified VIN Code: 'H' (1975-1979)			4.000"/101.6mm x 3.500"/88.8mm				137 (cont.)	
Camshaft Bearing Set	B-1	SH-710S	STD						
1		SH-710		2.1240/2.1250	0.0005/0.0045	0.0619	2.2495/2.2505	0.6700	
2		SH-511		2.0655/2.0665	0.0010/0.0050	0.0608	2.1890/2.1900	0.6700	
3		SH-512		2.0505/2.0515	0.0010/0.0050	0.0608	2.1740/2.1750	0.6700	
4		SH-513		2.0355/2.0365	0.0010/0.0050	0.0608	2.1590/2.1600	0.6700	
5		SH-514		2.0205/2.0215	0.0010/0.0050	0.0608	2.1440/2.1450	0.6700	
NOTE: Except Bronco									
138	5.8L 5769 CC 352 CID OHV 16V V8 FORD VIN Codes: 'D' (1965-1967), 'X' (1964-1967)			4.000"/101.6mm x 3.500"/89.9mm				138	
Connecting Rod Bearing Pair (8)	AL-5	CB-760A	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340	
Connecting Rod Bearing Pair (8)	TM-77	CB-760P	STD,1,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340	
Connecting Rod Bearing Pair (8)	TM-77	CB-1801P-10	30,40	2.4380/2.4388	0.0025	0.0770	2.5935	0.7340	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock									
Connecting Rod Bearing Pair (8)		CB-760C-60		2.4380/2.4388	0.0001/0.0025	0.1008	2.5907/2.5915	0.7340	
Connecting Rod Bearing Set	AL-5	CB-760A(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340	
Connecting Rod Bearing Set	TM-77	CB-760P(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340	
Main Bearing Set	TM-77	MS-685P	STD						
1-2-4-5		MB-2441P		2.7484/2.7492	0.0005/0.0032	0.0961	2.9412/2.9420	0.9120	
3		MB-2235P(F)		2.7484/2.7492	0.0009/0.0035	0.0957	2.9412/2.9420	1.1180	
For Years: 1964 - 1965									
NOTE: Contains 3.764in / 3.824in Diameter Flanged Bearing, Full Grooved Bearings									
Main Bearing Set	TM-77	MS-863P	STD,1,10,20,30						
1-2-4-5		MB-2441P		2.7484/2.7492	0.0005/0.0032	0.0961	2.9412/2.9420	0.9120	
3		MB-2442P(F)		2.7484/2.7492	0.0005/0.0032	0.0961	2.9412/2.9420	1.1180	
For Years: 1966 - 1967									
NOTE: Contains 3.888in / 3.948in Diameter Flanged Bearing, Full Grooved Bearings									
Piston Pin Bushing (8)	B	223-3501	STD				0.0365	1.0360/1.0380	1.2500
For Years: 1964 - 1966									
NOTE: OE Replacement, Requires Light Reaming									
139	5.8L 5769 CC 352 CID OHV 16V V8 FORD VIN Codes: 'R' (1960-1961), 'Y' (1960)			4.000"/101.6mm x 3.500"/89.9mm				139	
Connecting Rod Bearing Pair (8)	AL-5	CB-760A	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340	
Connecting Rod Bearing Pair (8)	TM-77	CB-760P	STD,1,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340	



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
139 (cont.)	5.8L 5769 CC 352 CID OHV 16V V8 FORD			4.000"/101.6mm x 3.500"/89.9mm				139 (cont.)	
VIN Codes: 'R' (1960-1961), 'Y' (1960)									
Connecting Rod Bearing Pair (8)	TM-77	CB-1801P-10	30,40	2.4380/2.4388	0.0025	0.0770	2.5935	0.7340	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock									
Connecting Rod Bearing Pair (8)		CB-760C-60		2.4380/2.4388	0.0001/0.0025	0.1008	2.5907/2.5915	0.7340	
Connecting Rod Bearing Set	AL-5	CB-760A(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340	
Connecting Rod Bearing Set	TM-77	CB-760P(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340	
Main Bearing Set		MS-445P-10	20						
NOTE: Contains 3.614in / 3.684in Diameter Flanged Bearing, Full Grooved Bearings									
Piston Pin Bushing (8)	B	223-3501	STD				0.0365	1.0360/1.0380	1.2500
NOTE: OE Replacement, Requires Light Reaming									
140	5.8L 5769 CC 352 CID OHV 16V V8 FORD			4.000"/101.6mm x 3.500"/89.9mm				140	
VIN Codes: 'H' (1958-1961), 'X' (1960-1963)									
Connecting Rod Bearing Pair (8)	AL-5	CB-760A	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340	
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft									
Connecting Rod Bearing Pair (8)	TM-77	CB-760P	STD,1,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340	
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft									
Connecting Rod Bearing Pair (8)	TM-77	CB-1801P-10	30,40	2.4380/2.4388	0.0025	0.0770	2.5935	0.7340	
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock									
Connecting Rod Bearing Pair (8)		CB-760C-60		2.4380/2.4388	0.0001/0.0025	0.1008	2.5907/2.5915	0.7340	
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft									
Connecting Rod Bearing Set	AL-5	CB-760A(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340	
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft									
Connecting Rod Bearing Set	TM-77	CB-760P(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340	
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft									
Main Bearing Set		MS-445P-10	20						
NOTE: Contains 3.614in / 3.684in Diameter Flanged Bearing, Full Grooved Bearings									



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
140 (cont.)	5.8L 5769 CC 352 CID OHV 16V V8 FORD VIN Codes: 'H' (1958-1961), 'X' (1960-1963)			4.000"/101.6mm x 3.500"/89.9mm				140 (cont.)
Camshaft Bearing Set	B-1	SH-781S	STD					
1		SH-781		2.1238/2.1248	0.0010/0.0050	0.0919	2.3095/2.3105	0.6300
2		SH-377		2.1238/2.1248	0.0010/0.0050	0.0844	2.2945/2.2955	0.6300
3		SH-378		2.1238/2.1248	0.0010/0.0050	0.0769	2.2795/2.2805	0.6300
4		SH-379		2.1238/2.1248	0.0010/0.0050	0.0694	2.2645/2.2655	0.6300
5		SH-380		2.1238/2.1248	0.0010/0.0050	0.0619	2.2495/2.2505	0.5700
Piston Pin Bushing (8)	B	223-3501	STD					
NOTE: OE Replacement, Requires Light Reaming								
141	5.9L 360 CID OHV 16V V8 FORD VIN Code: 'Y' (1975-1976)			4.000"/101.6mm x 3.580"/90.9mm				141
	5.9L 360 CID OHV 16V V8 FORD VIN Code: 'Y' (1975-1977)			4.050"/102.9mm x 3.500"/88.8mm				
	5.9L 5900 CC 360 CID OHV 16V V8 FORD VIN Code: 'Y' (1968-1974)			4.050"/102.9mm x 3.500"/88.8mm				
	6.4L 6391 CC 390 CID OHV 16V V8 FORD VIN Codes: 'M' (1974), 'X' (1967-1970)			4.050"/101.6mm x 3.780"/96.0mm				
	6.4L 6391 CC 390 CID OHV 16V V8 FORD; GT VIN Code: 'S' (1966-1970)			4.050"/101.6mm x 3.780"/96.0mm				
	6.4L 390 CID OHV 16V V8 FORD VIN Codes: 'H' (1975-1977), 'M' (1975-1976)			4.050"/102.9mm x 3.780"/96.4mm				
	6.4L 6392 CC 390 CID OHV 16V V8 FORD VIN Codes: 'H' (1967-1974), 'M' (1974)			4.050"/102.9mm x 3.780"/96.4mm				
	6.7L 6720 CC 410 CID OHV 16V V8 FORD VIN Code: 'M' (1966-1967)			4.050"/102.9mm x 3.980"/101.2mm				
	7.0L 7014 CC 428 CID OHV 16V V8 FORD; Police VIN Code: 'P' (1966-1970)			4.130"/104.9mm x 3.980"/101.2mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-760A	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Pair (8)	TM-77	CB-760P	STD,1,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Pair (8)	TM-77	CB-1801P-10	30,40	2.4380/2.4388	0.0025	0.0770	2.5935	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Connecting Rod Bearing Pair (8)		CB-760C-60		2.4380/2.4388	0.0001/0.0025	0.1008	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								



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COUNTER DATA				SHOP DATA						
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH		
				8 CYL (cont.)						
141 (cont.)	5.9L 360 CID OHV 16V V8 FORD VIN Code: 'Y' (1975-1976)			4.000"/101.6mm x 3.580"/90.9mm					141 (cont.)	
	5.9L 360 CID OHV 16V V8 FORD VIN Code: 'Y' (1975-1977)			4.050"/102.9mm x 3.500"/88.8mm						
	5.9L 5900 CC 360 CID OHV 16V V8 FORD VIN Code: 'Y' (1968-1974)			4.050"/102.9mm x 3.500"/88.8mm						
	6.4L 6391 CC 390 CID OHV 16V V8 FORD VIN Codes: 'M' (1974), 'X' (1967-1970)			4.050"/101.6mm x 3.780"/96.0mm						
	6.4L 6391 CC 390 CID OHV 16V V8 FORD; GT VIN Code: 'S' (1966-1970)			4.050"/101.6mm x 3.780"/96.0mm						
	6.4L 390 CID OHV 16V V8 FORD VIN Codes: 'H' (1975-1977), 'M' (1975-1976)			4.050"/102.9mm x 3.780"/96.4mm						
	6.4L 6392 CC 390 CID OHV 16V V8 FORD VIN Codes: 'H' (1967-1974), 'M' (1974)			4.050"/102.9mm x 3.780"/96.4mm						
	6.7L 6720 CC 410 CID OHV 16V V8 FORD VIN Code: 'M' (1966-1967)			4.050"/102.9mm x 3.980"/101.2mm						
	7.0L 7014 CC 428 CID OHV 16V V8 FORD; Police VIN Code: 'P' (1966-1970)			4.130"/104.9mm x 3.980"/101.2mm						
	Connecting Rod Bearing Set	AL-5	CB-760A(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915		0.7340
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft										
Connecting Rod Bearing Set	TM-77	CB-760P(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340		
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft										
Main Bearing Set	TM-77	MS-863P	STD,1,10,20,30							
1-2-4-5		MB-2441P		2.7484/2.7492	0.0005/0.0032	0.0961	2.9412/2.9420	0.9120		
3		MB-2442P(F)		2.7484/2.7492	0.0005/0.0032	0.0961	2.9412/2.9420	1.1180		
NOTE: Contains 3.888in / 3.948in Diameter Flanged Bearing, Full Grooved Bearings										
Camshaft Bearing Set	B-1	SH-781S	STD							
1		SH-781		2.1238/2.1248	0.0010/0.0050	0.0919	2.3095/2.3105	0.6300		
2		SH-377		2.1238/2.1248	0.0010/0.0050	0.0844	2.2945/2.2955	0.6300		
3		SH-378		2.1238/2.1248	0.0010/0.0050	0.0769	2.2795/2.2805	0.6300		
4		SH-379		2.1238/2.1248	0.0010/0.0050	0.0694	2.2645/2.2655	0.6300		
5		SH-380		2.1238/2.1248	0.0010/0.0050	0.0619	2.2495/2.2505	0.5700		
Piston Pin Bushing (8)	B	223-3501	STD							
For Years: 1966 - 1976										
NOTE: OE Replacement, Requires Light Reaming										
142	5.9L 5899 CC 360 CID OHV 16V V8 FORD VIN Code: 'Y' (1968-1974)			4.050"/102.9mm x 3.500"/88.9mm					142	
	Connecting Rod Bearing Pair (8)	AL-5	CB-760A	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915		0.7340
	Connecting Rod Bearing Pair (8)	TM-77	CB-760P	STD,1,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915		0.7340



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
142 (cont.)	5.9L 5899 CC 360 CID OHV 16V V8 FORD VIN Code: 'Y' (1968-1974)			4.050"/102.9mm x 3.500"/88.9mm				142 (cont.)
Connecting Rod Bearing Pair (8)	TM-77	CB-1801P-10	30,40	2.4380/2.4388	0.0025	0.0770	2.5935	0.7340
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Connecting Rod Bearing Pair (8)		CB-760C-60		2.4380/2.4388	0.0001/0.0025	0.1008	2.5907/2.5915	0.7340
Connecting Rod Bearing Set	AL-5	CB-760A(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
Connecting Rod Bearing Set	TM-77	CB-760P(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
Main Bearing Set 1-2-4-5	TM-77	MS-685P	STD	2.7484/2.7492	0.0005/0.0032	0.0961	2.9412/2.9420	0.9120
3		MB-2441P		2.7484/2.7492	0.0009/0.0035	0.0957	2.9412/2.9420	1.1180
NOTE: Contains 3.764in / 3.824in Diameter Flanged Bearing, Full Grooved Bearings								
Main Bearing Set 1-2-4-5	TM-77	MS-863P	STD,1,10,20,30	2.7484/2.7492	0.0005/0.0032	0.0961	2.9412/2.9420	0.9120
3		MB-2441P		2.7484/2.7492	0.0005/0.0032	0.0961	2.9412/2.9420	1.1180
NOTE: Contains 3.888in / 3.948in Diameter Flanged Bearing, Full Grooved Bearings								
Camshaft Bearing Set	B-1	SH-781S	STD					
1		SH-781		2.1238/2.1248	0.0010/0.0050	0.0919	2.3095/2.3105	0.6300
2		SH-377		2.1238/2.1248	0.0010/0.0050	0.0844	2.2945/2.2955	0.6300
3		SH-378		2.1238/2.1248	0.0010/0.0050	0.0769	2.2795/2.2805	0.6300
4		SH-379		2.1238/2.1248	0.0010/0.0050	0.0694	2.2645/2.2655	0.6300
5		SH-380		2.1238/2.1248	0.0010/0.0050	0.0619	2.2495/2.2505	0.5700
Piston Pin Bushing (8)	B	223-3501	STD					
NOTE: OE Replacement, Requires Light Reaming								
143	5.9L 5917 CC 361 CID OHV 16V V8 FORD VIN Code: 'W' (1958-1959)			4.050"/102.9mm x 3.500"/88.9mm				143
	7.0L 6997 CC 427 CID OHV 16V V8 FORD; Hi-Perf. (1964-1969)			4.230"/107.5mm x 3.780"/96.0mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-760A	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
Connecting Rod Bearing Pair (8)	TM-77	CB-760P	STD,1,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
Connecting Rod Bearing Pair (8)	TM-77	CB-1801P-10	30,40	2.4380/2.4388	0.0025	0.0770	2.5935	0.7340
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Connecting Rod Bearing Pair (8)		CB-760C-60		2.4380/2.4388	0.0001/0.0025	0.1008	2.5907/2.5915	0.7340
Connecting Rod Bearing Set	AL-5	CB-760A(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
Connecting Rod Bearing Set	TM-77	CB-760P(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
144	6.0L 363 CID OHV 32V V8 FORD; Power-Stroke			3.740"/95.0mm x 4.130"/105.0mm				144	
VIN Code: 'P' (2004-2010)									
Connecting Rod Bearing Pair (8)	TM-77	CB-1814P	STD,.25mm,.50mm,.75mm	2.7165/2.7170	0.0006/0.0035	0.0780	2.8735/2.8744	0.8310	
Connecting Rod Bearing Pair (8)	TM-77	CB-1815P-.25mm	.50mm,.75mm	2.7165/2.7170	0.0006/0.0035	0.0790	2.8755/2.8764	0.8310	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set	TM-77	MS-2223P	STD,.25mm,.50mm,.75mm						
1-2-3-5		MB-3787P		3.1886/3.1894	0.0015/0.0041	0.0976	3.3854/3.3862	0.8465	
4		MB-3788P(F)		3.1886/3.1894	0.0015/0.0041	0.0976	3.3854/3.3862	1.1180	
Camshaft Bearing Set	B-1	SH-1996S	STD						
1-2-3-4-5		SH-1996		2.4404/2.4415	0.0013/0.0060	0.0774	2.5976/2.5992	0.7480	
For Years: 2006 - 2010									
Piston Pin Bushing (8)	C-1	223-3671	STD						
							0.0740	1.4560/1.4570	1.0650
NOTE: OE Replacement, Requires Boring									
145	6.2L 6210 CC 379 CID SOHC 16V V8 FORD			4.020"/102.1mm x 3.740"/95.0mm				145	
VIN Code: '6' (2011-2016)									
Connecting Rod Bearing Pair (8)	AL-5	CB-1944A	STD	2.0761/2.0768	0.0009/0.0025	0.0758			
For Years: 2011 - 2015									
Connecting Rod Bearing Set	AL-5	CB-1944A(8)	STD,.25mm,.50mm	2.0761/2.0768	0.0009/0.0025	0.0758			
For Years: 2011 - 2015									
Main Bearing Set	AL-5	MS-2344A	STD,.25mm,.50mm						
NOTE: Contains 1 Piece Thrust Washer Set With Lower Half Flanged Thrust Bearing Position Number 5									
146	6.4L 6391 CC 390 CID OHV 16V V8 FORD			4.050"/101.6mm x 3.780"/96.0mm				146	
VIN Codes: 'Q' (1961-1962), 'R' (1961-1962)									
6.6L 6654 CC 406 CID OHV 16V V8 FORD			4.130"/105.0mm x 3.780"/96.0mm						
VIN Code: 'G' (1962-1963)									
Connecting Rod Bearing Pair (8)	AL-5	CB-760A	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340	
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Except Special Engine									
Connecting Rod Bearing Pair (8)	TM-77	CB-756P	STD,10	2.4380/2.4388	0.0024/0.0050	0.0750	2.5907/2.5915	0.7460	
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Special Engine									
Connecting Rod Bearing Pair (8)	TM-77	CB-760P	STD,1,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340	
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except Special Engine									



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
146 (cont.)	6.4L 6391 CC 390 CID OHV 16V V8 FORD VIN Codes: 'Q' (1961-1962), 'R' (1961-1962)			4.050"/101.6mm x 3.780"/96.0mm				146 (cont.)
	6.6L 6654 CC 406 CID OHV 16V V8 FORD VIN Code: 'G' (1962-1963)			4.130"/105.0mm x 3.780"/96.0mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-1801P-10	30,40	2.4380/2.4388	0.0025	0.0770	2.5935	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except Special Engine, Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Connecting Rod Bearing Pair (8)		CB-760C-60		2.4380/2.4388	0.0001/0.0025	0.1008	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except Special Engine								
Connecting Rod Bearing Set	AL-5	CB-760A(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except Special Engine								
Connecting Rod Bearing Set	TM-77	CB-760P(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except Special Engine								
Main Bearing Set		MS-445P-10	20					
NOTE: Contains 3.614in / 3.684in Diameter Flanged Bearing, Full Grooved Bearings								
Piston Pin Bushing (8)	B	223-3501	STD	0.0365 1.0360/1.0380 1.2500				
For Years: 1962 - 1963 NOTE: OE Replacement, Requires Light Reaming								
147	6.4L 6391 CC 390 CID OHV 16V V8 FORD VIN Codes: 'M' (1961-1967), 'P' (1963-1967)			4.050"/101.6mm x 3.780"/96.0mm				147
Connecting Rod Bearing Pair (8)	AL-5	CB-760A	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except Special Engine								
Connecting Rod Bearing Pair (8)	TM-77	CB-756P	STD,10	2.4380/2.4388	0.0024/0.0050	0.0750	2.5907/2.5915	0.7460
For Years: 1961 - 1963 NOTE: Special Engine								
Connecting Rod Bearing Pair (8)	TM-77	CB-760P	STD,1,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except Special Engine								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
147 (cont.)	6.4L 6391 CC 390 CID OHV 16V V8 FORD			4.050"/101.6mm x 3.780"/96.0mm				147 (cont.)
VIN Codes: 'M' (1961-1967), 'P' (1963-1967)								
Connecting Rod Bearing Pair (8)	TM-77	CB-1801P-10	30,40	2.4380/2.4388	0.0025	0.0770	2.5935	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except Special Engine, Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Connecting Rod Bearing Pair (8)		CB-760C-60		2.4380/2.4388	0.0001/0.0025	0.1008	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except Special Engine								
Connecting Rod Bearing Set	AL-5	CB-760A(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except Special Engine								
Connecting Rod Bearing Set	TM-77	CB-760P(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Except Special Engine								
Main Bearing Set		MS-685C-60						
For Years: 1964 - 1965								
NOTE: Contains 3.764in / 3.824in Diameter Flanged Bearing, Full Grooved Bearings, .019in Oversized Length Flanged Bearing								
Main Bearing Set	TM-77	MS-685P	STD,10,20,30					
1-2-4-5		MB-2441P		2.7484/2.7492	0.0005/0.0032	0.0961	2.9412/2.9420	0.9120
3		MB-2235P(F)		2.7484/2.7492	0.0009/0.0035	0.0957	2.9412/2.9420	1.1180
For Years: 1964 - 1965								
NOTE: Contains 3.764in / 3.824in Diameter Flanged Bearing, Full Grooved Bearings								
Main Bearing Set	TM-77	MS-863P	STD,1,10,20,30					
1-2-4-5		MB-2441P		2.7484/2.7492	0.0005/0.0032	0.0961	2.9412/2.9420	0.9120
3		MB-2442P(F)		2.7484/2.7492	0.0005/0.0032	0.0961	2.9412/2.9420	1.1180
For Years: 1966 - 1967								
NOTE: Contains 3.888in / 3.948in Diameter Flanged Bearing, Full Grooved Bearings								
Main Bearing Set		MS-445P-10	20					
For Years: 1961 - 1963								
NOTE: Contains 3.614in / 3.684in Diameter Flanged Bearing, Full Grooved Bearings								
Piston Pin Bushing (8)	B	223-3501	STD					
For Years: 1965 - 1967								
NOTE: OE Replacement, Requires Light Reaming								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
148	6.4L 6391 CC 390 CID OHV 16V V8 FORD			4.050"/101.6mm x 3.780"/96.0mm			148	
	VIN Code: 'Z' (1961-1968)							
Connecting Rod Bearing Pair (8)	AL-5	CB-760A	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except Special Engine								
Connecting Rod Bearing Pair (8)	TM-77	CB-756P	STD,10	2.4380/2.4388	0.0024/0.0050	0.0750	2.5907/2.5915	0.7460
For Years: 1961 - 1963 NOTE: Special Engine								
Connecting Rod Bearing Pair (8)	TM-77	CB-760P	STD,1,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Except Special Engine								
Connecting Rod Bearing Pair (8)	TM-77	CB-1801P-10	30,40	2.4380/2.4388	0.0025	0.0770	2.5935	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except Special Engine, Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Connecting Rod Bearing Pair (8)		CB-760C-60		2.4380/2.4388	0.0001/0.0025	0.1008	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except Special Engine								
Connecting Rod Bearing Set	AL-5	CB-760A(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except Special Engine								
Connecting Rod Bearing Set	TM-77	CB-760P(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Except Special Engine								
Main Bearing Set		MS-685C-60						
For Years: 1964 - 1965 NOTE: Contains 3.764in / 3.824in Diameter Flanged Bearing, Full Grooved Bearings, .019in Oversized Length Flanged Bearing								
Main Bearing Set	TM-77	MS-685P	STD,10,20,30					
1-2-4-5		MB-2441P		2.7484/2.7492	0.0005/0.0032	0.0961	2.9412/2.9420	0.9120
3		MB-2235P(F)		2.7484/2.7492	0.0009/0.0035	0.0957	2.9412/2.9420	1.1180
For Years: 1964 - 1965 NOTE: Contains 3.764in / 3.824in Diameter Flanged Bearing, Full Grooved Bearings								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
148 (cont.)	6.4L 6391 CC 390 CID OHV 16V V8 FORD			4.050"/101.6mm x 3.780"/96.0mm				148 (cont.)
VIN Code: 'Z' (1961-1968)								
Main Bearing Set 1-2-4-5 3	TM-77	MS-863P MB-2441P MB-2442P(F)	STD,1,10,20,30	2.7484/2.7492 2.7484/2.7492	0.0005/0.0032 0.0005/0.0032	0.0961 0.0961	2.9412/2.9420 2.9412/2.9420	0.9120 1.1180
For Years: 1966 - 1968 NOTE: Contains 3.888in / 3.948in Diameter Flanged Bearing, Full Grooved Bearings								
Main Bearing Set		MS-445P-10	20					
For Years: 1961 - 1963 NOTE: Contains 3.614in / 3.684in Diameter Flanged Bearing, Full Grooved Bearings								
Camshaft Bearing Set	B-1	SH-781S	STD					
1		SH-781		2.1238/2.1248	0.0010/0.0050	0.0919	2.3095/2.3105	0.6300
2		SH-377		2.1238/2.1248	0.0010/0.0050	0.0844	2.2945/2.2955	0.6300
3		SH-378		2.1238/2.1248	0.0010/0.0050	0.0769	2.2795/2.2805	0.6300
4		SH-379		2.1238/2.1248	0.0010/0.0050	0.0694	2.2645/2.2655	0.6300
5		SH-380		2.1238/2.1248	0.0010/0.0050	0.0619	2.2495/2.2505	0.5700
For Years: 1963 - 1968								
Piston Pin Bushing (8)	B	223-3501	STD				0.0365 1.0360/1.0380	1.2500
For Years: 1962 - 1968 NOTE: OE Replacement, Requires Light Reaming								
149	6.4L 6391 CC 390 CID OHV 16V V8 FORD			4.050"/101.6mm x 3.780"/96.0mm				149
VIN Code: '9' (1963-1965)								
Connecting Rod Bearing Pair (8)	AL-5	CB-760A	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except Special Engine								
Connecting Rod Bearing Pair (8)	TM-77	CB-756P	STD,10	2.4380/2.4388	0.0024/0.0050	0.0750	2.5907/2.5915	0.7460
For Year: 1963 NOTE: Special Engine								
Connecting Rod Bearing Pair (8)	TM-77	CB-760P	STD,1,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except Special Engine								
Connecting Rod Bearing Pair (8)	TM-77	CB-1801P-10	30,40	2.4380/2.4388	0.0025	0.0770	2.5935	0.7340
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except Special Engine, Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Connecting Rod Bearing Pair (8)		CB-760C-60		2.4380/2.4388	0.0001/0.0025	0.1008	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except Special Engine								
Connecting Rod Bearing Set	AL-5	CB-760A(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except Special Engine								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
149 (cont.)	6.4L 6391 CC 390 CID OHV 16V V8 FORD VIN Code: '9' (1963-1965)			4.050"/101.6mm x 3.780"/96.0mm				149 (cont.)
Connecting Rod Bearing Set	TM-77	CB-760P(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except Special Engine								
Main Bearing Set	MS-685C-60							
For Years: 1964 - 1965								
NOTE: Contains 3.764in / 3.824in Diameter Flanged Bearing, Full Grooved Bearings, .019in Oversized Length Flanged Bearing								
Main Bearing Set	TM-77	MS-685P	STD,10,20,30					
1-2-4-5	MB-2441P			2.7484/2.7492	0.0005/0.0032	0.0961	2.9412/2.9420	0.9120
3	MB-2235P(F)			2.7484/2.7492	0.0009/0.0035	0.0957	2.9412/2.9420	1.1180
For Years: 1964 - 1965								
NOTE: Contains 3.764in / 3.824in Diameter Flanged Bearing, Full Grooved Bearings								
Main Bearing Set	MS-445P-10		20					
For Year: 1963								
NOTE: Contains 3.614in / 3.684in Diameter Flanged Bearing, Full Grooved Bearings								
Piston Pin Bushing (8)	B	223-3501	STD					
For Year: 1965								
NOTE: OE Replacement, Requires Light Reaming								
150	6.4L 6391 CC 390 CID OHV 16V V8 FORD VIN Codes: 'H' (1964-1974), 'Y' (1964-1971)			4.050"/101.6mm x 3.780"/96.0mm				150
Connecting Rod Bearing Pair (8)	AL-5	CB-760A	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Pair (8)	TM-77	CB-760P	STD,1,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Pair (8)	TM-77	CB-1801P-10	30,40	2.4380/2.4388	0.0025	0.0770	2.5935	0.7340
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Connecting Rod Bearing Pair (8)	CB-760C-60			2.4380/2.4388	0.0001/0.0025	0.1008	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Set	AL-5	CB-760A(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft								



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
150 (cont.)	6.4L 6391 CC 390 CID OHV 16V V8 FORD			4.050"/101.6mm x 3.780"/96.0mm				150 (cont.)	
VIN Codes: 'H' (1964-1974), 'Y' (1964-1971)									
Connecting Rod Bearing Set	TM-77	CB-760P(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340	
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft, Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft									
Main Bearing Set		MS-685C-60							
For Years: 1964 - 1965									
NOTE: Contains 3.764in / 3.824in Diameter Flanged Bearing, Full Grooved Bearings, .019in Oversized Length Flanged Bearing									
Main Bearing Set	TM-77	MS-685P	STD,10,20,30						
1-2-4-5		MB-2441P		2.7484/2.7492	0.0005/0.0032	0.0961	2.9412/2.9420	0.9120	
3		MB-2235P(F)		2.7484/2.7492	0.0009/0.0035	0.0957	2.9412/2.9420	1.1180	
For Years: 1964 - 1965									
NOTE: Contains 3.764in / 3.824in Diameter Flanged Bearing, Full Grooved Bearings									
Main Bearing Set	TM-77	MS-863P	STD,1,10,20,30						
1-2-4-5		MB-2441P		2.7484/2.7492	0.0005/0.0032	0.0961	2.9412/2.9420	0.9120	
3		MB-2442P(F)		2.7484/2.7492	0.0005/0.0032	0.0961	2.9412/2.9420	1.1180	
For Years: 1966 - 1974									
NOTE: Contains 3.888in / 3.948in Diameter Flanged Bearing, Full Grooved Bearings									
Camshaft Bearing Set	B-1	SH-781S	STD						
1		SH-781		2.1238/2.1248	0.0010/0.0050	0.0919	2.3095/2.3105	0.6300	
2		SH-377		2.1238/2.1248	0.0010/0.0050	0.0844	2.2945/2.2955	0.6300	
3		SH-378		2.1238/2.1248	0.0010/0.0050	0.0769	2.2795/2.2805	0.6300	
4		SH-379		2.1238/2.1248	0.0010/0.0050	0.0694	2.2645/2.2655	0.6300	
5		SH-380		2.1238/2.1248	0.0010/0.0050	0.0619	2.2495/2.2505	0.5700	
For Years: 1965 - 1974									
Piston Pin Bushing (8)	B	223-3501	STD				0.0365	1.0360/1.0380	1.2500
For Years: 1965 - 1974									
NOTE: OE Replacement, Requires Light Reaming									
151	6.4L 391 CID OHV 32V V8 FORD; Power-Stroke			3.860"/98.0mm x 4.130"/105.0mm				151	
VIN Code: 'R' (2008-2010)									
Connecting Rod Bearing Pair (8)	TM-77	CB-1869P	STD,.25mm,.50mm,.75mm	2.8341/2.8352	0.0004/0.0035	0.0780	2.9916/2.9926	0.8310	
Connecting Rod Bearing Pair (8)	TM-77	CB-1876P-.25mm	.50mm,.75mm	2.8341/2.8352	0.0004/0.0035	0.0790	2.9936/2.9946	0.8310	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set	TM-77	MS-2269P	STD,.25mm,.50mm,.75mm						
1-2-3-5		MB-3874P		3.1886/3.1894	0.0008/0.0034	0.0976	3.3854/3.3862	0.8465	
4		MB-3875P(F)		3.1886/3.1894	0.0008/0.0034	0.0976	3.3854/3.3862	1.1200	
Camshaft Bearing Set	B-1	SH-1996S	STD						
1-2-3-4-5		SH-1996		2.4404/2.4415	0.0013/0.0060	0.0774	2.5976/2.5992	0.7480	



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
152	6.6L 6654 CC 406 CID OHV 16V V8 FORD VIN Code: 'B' (1962-1963)			4.130"/105.0mm x 3.780"/96.0mm			152	
Connecting Rod Bearing Pair (8)	AL-5	CB-760A	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Pair (8)	TM-77	CB-756P	STD,10	2.4380/2.4388	0.0024/0.0050	0.0750	2.5907/2.5915	0.7460
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Pair (8)	TM-77	CB-760P	STD,1,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Pair (8)	TM-77	CB-1801P-10	30,40	2.4380/2.4388	0.0025	0.0770	2.5935	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Connecting Rod Bearing Pair (8)		CB-760C-60		2.4380/2.4388	0.0001/0.0025	0.1008	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Set	AL-5	CB-760A(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Set	TM-77	CB-760P(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Main Bearing Set		MS-445P-10	20					
NOTE: Contains 3.614in / 3.684in Diameter Flanged Bearing, Full Grooved Bearings								
Camshaft Bearing Set	B-1	SH-781S	STD					
1		SH-781		2.1238/2.1248	0.0010/0.0050	0.0919	2.3095/2.3105	0.6300
2		SH-377		2.1238/2.1248	0.0010/0.0050	0.0844	2.2945/2.2955	0.6300
3		SH-378		2.1238/2.1248	0.0010/0.0050	0.0769	2.2795/2.2805	0.6300
4		SH-379		2.1238/2.1248	0.0010/0.0050	0.0694	2.2645/2.2655	0.6300
5		SH-380		2.1238/2.1248	0.0010/0.0050	0.0619	2.2495/2.2505	0.5700
Piston Pin Bushing (8)	B	223-3501	STD					
NOTE: OE Replacement, Requires Light Reaming								
153	6.7L 6651 CC 406 CID OHV 32V V8 FORD; Power-Stroke VIN Code: 'T' (2015-2016)			3.900"/99.1mm x 4.250"/107.9mm			153	
	6.7L 6700 CC 409 CID OHV 32V V8 FORD 99T (2011-2014)							
Connecting Rod Bearing Pair (8)	TM-77	CB-1953AP	STD	2.8330/2.8340	0.0005/0.0027	0.0769	2.9883/2.9889	0.0960
NOTE: Tri-metal Upper Bearing								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
153 (cont.)	6.7L 6651 CC 406 CID OHV 32V V8 FORD; Power-Stroke			3.900"/99.1mm x 4.250"/107.9mm			153 (cont.)	
	VIN Code: 'T' (2015-2016)							
	6.7L 6700 CC 409 CID OHV 32V V8 FORD 99T							
	(2011-2014)							
Main Bearing Set	TM-77	MS-2334A	STD,.25mm,50mm					
1-2-3-4-5		MB4015AL		3.1880/3.1890	0.0004/0.0030	0.0953	3.3800/3.3810	1.0650
1-2-3-4-5		MB4015AU		3.1880/3.1890	0.0004/0.0030	0.0953	3.3800/3.3810	1.1090
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-711S								
Main Bearing Set		MS-2350A	STD,.25mm,.50mm					
NOTE: F1 Coated Lower Main Bearings, Requires Thrust Washer Set, Not Included, Use With Part Number TW-711S								
Thrust Washer Set		TW-711S	STD					
3		MB4016W					112.0000/112.3000	0.1251
154	7.0L 6997 CC 427 CID OHV 16V V8 FORD			4.230"/107.5mm x 3.780"/96.0mm			154	
	VIN Code: 'R' (1963-1968)							
Connecting Rod Bearing Pair (8)	AL-5	CB-760A	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Pair (8)	TM-77	CB-756P	STD,10	2.4380/2.4388	0.0024/0.0050	0.0750	2.5907/2.5915	0.7460
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Pair (8)	TM-77	CB-760P	STD,1,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Pair (8)	TM-77	CB-1801P-10	30,40	2.4380/2.4388	0.0025	0.0770	2.5935	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Connecting Rod Bearing Pair (8)		CB-760C-60		2.4380/2.4388	0.0001/0.0025	0.1008	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Set	AL-5	CB-760A(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Set	TM-77	CB-760P(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Main Bearing Set	TM-77	MS-685P	STD					
1-2-4-5		MB-2441P		2.7484/2.7492	0.0005/0.0032	0.0961	2.9412/2.9420	0.9120
3		MB-2235P(F)		2.7484/2.7492	0.0009/0.0035	0.0957	2.9412/2.9420	1.1180
For Years: 1964 - 1965								
NOTE: Contains 3.764in / 3.824in Diameter Flanged Bearing, Full Grooved Bearings								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
154 (cont.)	7.0L 6997 CC 427 CID OHV 16V V8 FORD VIN Code: 'R' (1963-1968)			4.230"/107.5mm x 3.780"/96.0mm				154 (cont.)
Main Bearing Set 1-2-4-5 3	TM-77	MS-863P MB-2441P MB-2442P(F)	STD,1,10,20,30	2.7484/2.7492 2.7484/2.7492	0.0005/0.0032 0.0005/0.0032	0.0961 0.0961	2.9412/2.9420 2.9412/2.9420	0.9120 1.1180
For Years: 1966 - 1968 NOTE: Contains 3.888in / 3.948in Diameter Flanged Bearing, Full Grooved Bearings								
Main Bearing Set		MS-445P-10	20					
For Year: 1963 NOTE: Contains 3.614in / 3.684in Diameter Flanged Bearing, Full Grooved Bearings								
Piston Pin Bushing (8)	B	223-3501	STD					
For Years: 1963 - 1967 NOTE: OE Replacement, Requires Light Reaming								
155	7.0L 6997 CC 427 CID OHV 16V V8 FORD VIN Code: 'Q' (1963-1965)			4.230"/107.5mm x 3.780"/96.0mm				155
Connecting Rod Bearing Pair (8)	AL-5	CB-760A	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Pair (8)	TM-77	CB-756P	STD,10	2.4380/2.4388	0.0024/0.0050	0.0750	2.5907/2.5915	0.7460
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Pair (8)	TM-77	CB-760P	STD,1,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Pair (8)	TM-77	CB-1801P-10	30,40	2.4380/2.4388	0.0025	0.0770	2.5935	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Connecting Rod Bearing Pair (8)		CB-760C-60		2.4380/2.4388	0.0001/0.0025	0.1008	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Set	AL-5	CB-760A(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Set	TM-77	CB-760P(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Main Bearing Set 1-2-4-5 3	TM-77	MS-685P MB-2441P MB-2235P(F)	STD	2.7484/2.7492 2.7484/2.7492	0.0005/0.0032 0.0009/0.0035	0.0961 0.0957	2.9412/2.9420 2.9412/2.9420	0.9120 1.1180
For Years: 1964 - 1965 NOTE: Contains 3.764in / 3.824in Diameter Flanged Bearing, Full Grooved Bearings								



FORD

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
155 (cont.)	7.0L 6997 CC 427 CID OHV 16V V8 FORD VIN Code: 'Q' (1963-1965)			4.230"/107.5mm x 3.780"/96.0mm				155 (cont.)
Main Bearing Set		MS-445P-10	20					
For Year: 1963								
NOTE: Contains 3.614in / 3.684in Diameter Flanged Bearing, Full Grooved Bearings								
Camshaft Bearing Set		B-1 SH-781S	STD					
1		SH-781		2.1238/2.1248	0.0010/0.0050	0.0919	2.3095/2.3105	0.6300
2		SH-377		2.1238/2.1248	0.0010/0.0050	0.0844	2.2945/2.2955	0.6300
3		SH-378		2.1238/2.1248	0.0010/0.0050	0.0769	2.2795/2.2805	0.6300
4		SH-379		2.1238/2.1248	0.0010/0.0050	0.0694	2.2645/2.2655	0.6300
5		SH-380		2.1238/2.1248	0.0010/0.0050	0.0619	2.2495/2.2505	0.5700
Piston Pin Bushing (8)		B 223-3501	STD					
NOTE: OE Replacement, Requires Light Reaming								
156	7.0L 6997 CC 427 CID OHV 16V V8 FORD VIN Code: 'W' (1966-1969)			4.230"/107.5mm x 3.780"/96.0mm				156
Connecting Rod Bearing Pair (8)		AL-5 CB-760A	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Pair (8)		TM-77 CB-756P	STD,10	2.4380/2.4388	0.0024/0.0050	0.0750	2.5907/2.5915	0.7460
For Years: 1966 - 1968								
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Pair (8)		TM-77 CB-760P	STD,1,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Pair (8)		TM-77 CB-1801P-10	30,40	2.4380/2.4388	0.0025	0.0770	2.5935	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Connecting Rod Bearing Pair (8)		CB-760C-60		2.4380/2.4388	0.0001/0.0025	0.1008	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Set		AL-5 CB-760A(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Set		TM-77 CB-760P(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
156 (cont.)	7.0L 6997 CC 427 CID OHV 16V V8 FORD VIN Code: 'W' (1966-1969)			4.230"/107.5mm x 3.780"/96.0mm				156 (cont.)
Main Bearing Set 1-2-4-5	TM-77	MS-863P MB-2441P	STD,1,10,20,30	2.7484/2.7492	0.0005/0.0032	0.0961	2.9412/2.9420	0.9120
3		MB-2442P(F)		2.7484/2.7492	0.0005/0.0032	0.0961	2.9412/2.9420	1.1180
For Years: 1966 - 1968 NOTE: Contains 3.888in / 3.948in Diameter Flanged Bearing, Full Grooved Bearings								
Piston Pin Bushing (8)	B	223-3501	STD			0.0365	1.0360/1.0380	1.2500
For Year: 1967 NOTE: OE Replacement, Requires Light Reaming								
157 (cont.)	7.0L 6997 CC 427 CID OHV 16V V8 FORD VIN Codes: 'L' (1965-1967), 'M' (1965-1967)			4.230"/107.5mm x 3.780"/96.0mm				157 (cont.)
Connecting Rod Bearing Pair (8)	AL-5	CB-760A	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
Connecting Rod Bearing Pair (8)	TM-77	CB-756P	STD,10	2.4380/2.4388	0.0024/0.0050	0.0750	2.5907/2.5915	0.7460
NOTE: Except engines with C7OE-6200A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Pair (8)	TM-77	CB-760P	STD,1,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
Connecting Rod Bearing Pair (8)	TM-77	CB-1801P-10	30,40	2.4380/2.4388	0.0025	0.0770	2.5935	0.7340
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Connecting Rod Bearing Pair (8)		CB-760C-60		2.4380/2.4388	0.0001/0.0025	0.1008	2.5907/2.5915	0.7340
Connecting Rod Bearing Set	AL-5	CB-760A(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
Connecting Rod Bearing Set	TM-77	CB-760P(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
Main Bearing Set 1-2-4-5	TM-77	MS-685P MB-2441P	STD	2.7484/2.7492	0.0005/0.0032	0.0961	2.9412/2.9420	0.9120
3		MB-2235P(F)		2.7484/2.7492	0.0009/0.0035	0.0957	2.9412/2.9420	1.1180
For Year: 1965 NOTE: Contains 3.764in / 3.824in Diameter Flanged Bearing, Full Grooved Bearings								
Main Bearing Set 1-2-4-5	TM-77	MS-863P MB-2441P	STD,1,10,20,30	2.7484/2.7492	0.0005/0.0032	0.0961	2.9412/2.9420	0.9120
3		MB-2442P(F)		2.7484/2.7492	0.0005/0.0032	0.0961	2.9412/2.9420	1.1180
For Years: 1966 - 1967 NOTE: Contains 3.888in / 3.948in Diameter Flanged Bearing, Full Grooved Bearings								
Piston Pin Bushing (8)	B	223-3501	STD			0.0365	1.0360/1.0380	1.2500
NOTE: OE Replacement, Requires Light Reaming								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
158	7.0L 7014 CC 428 CID OHV 16V V8 FORD; Cobra Jet/Super CJ VIN Code: 'R' (1968-1970)			4.130"/104.9mm x 3.980"/101.2mm				158
	7.0L 7014 CC 428 CID OHV 16V V8 FORD VIN Code: 'Q' (1966-1970)			4.130"/104.9mm x 3.980"/101.2mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-760A	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Pair (8)	TM-77	CB-760P	STD,1,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Pair (8)	TM-77	CB-1801P-10	30,40	2.4380/2.4388	0.0025	0.0770	2.5935	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft, Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Connecting Rod Bearing Pair (8)		CB-760C-60		2.4380/2.4388	0.0001/0.0025	0.1008	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Set	AL-5	CB-760A(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Connecting Rod Bearing Set	TM-77	CB-760P(8)	STD,10,20,30,40	2.4380/2.4388	0.0001/0.0025	0.0760	2.5907/2.5915	0.7340
NOTE: Except engines with C7OE-2700A connecting rod and C9AZ-6303D crankshaft								
Piston Pin Bushing (8)	B	223-3501	STD			0.0365	1.0360/1.0380	1.2500
For Years: 1967 - 1970 NOTE: OE Replacement, Requires Light Reaming								
159	7.0L 7030 CC 429 CID OHV 16V V8 FORD; Boss VIN Code: 'Z' (1969-1970)			4.360"/110.7mm x 3.590"/91.2mm				159
	7.0L 7030 CC 429 CID OHV 16V V8 FORD; Police VIN Code: 'P' (1971-1972)			4.360"/110.7mm x 3.590"/91.2mm				
	7.0L 7030 CC 429 CID OHV 16V V8 FORD VIN Code: 'R' (1971)			4.360"/110.7mm x 3.590"/91.2mm				
	7.5L 460 CID OHV 16V V8 FORD VIN Codes: 'G' (1987-1997), 'J' (1975-1979), 'L' (1980-1987)			4.360"/110.7mm x 3.850"/97.8mm				
	7.5L 7539 CC 460 CID OHV 16V V8 FORD VIN Code: 'J' (1973-1974)			4.360"/110.7mm x 3.850"/97.8mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-818A	STD,10,20,30,40	2.4992/2.5000	0.0005/0.0031	0.0761	2.6522/2.6530	0.8660
Connecting Rod Bearing Pair (8)	TM-77	CB-818P	STD,1,10,20,30,40	2.4992/2.5000	0.0005/0.0031	0.0761	2.6522/2.6530	0.8660
Connecting Rod Bearing Pair (8)	TM-77	CB-1802P-10		2.4992/2.5000	0.0005/0.0031	0.0771	2.6542/2.6550	0.8660
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock								



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
159 (cont.)	7.0L 7030 CC 429 CID OHV 16V V8 FORD; Boss VIN Code: 'Z' (1969-1970)			4.360"/110.7mm x 3.590"/91.2mm					159 (cont.)
	7.0L 7030 CC 429 CID OHV 16V V8 FORD; Police VIN Code: 'P' (1971-1972)			4.360"/110.7mm x 3.590"/91.2mm					
	7.0L 7030 CC 429 CID OHV 16V V8 FORD VIN Code: 'R' (1971)			4.360"/110.7mm x 3.590"/91.2mm					
	7.5L 460 CID OHV 16V V8 FORD VIN Codes: 'G' (1987-1997), 'J' (1975-1979), 'L' (1980-1987)			4.360"/110.7mm x 3.850"/97.8mm					
	7.5L 7539 CC 460 CID OHV 16V V8 FORD VIN Code: 'J' (1973-1974)			4.360"/110.7mm x 3.850"/97.8mm					
Connecting Rod Bearing Set	AL-5	CB-818A(8)	STD,10,20,30,40	2.4992/2.5000	0.0005/0.0031	0.0761	2.6522/2.6530	0.8660	
Connecting Rod Bearing Set	AL-5	CB-818P(8)	STD,10,20,30,40	2.4992/2.4500	0.0005/0.0031	0.0761	2.6522/2.6530	0.8660	
Main Bearing Set 1-2-4-5 3	TM-77	MS-1039P MB-2564P MB-2565P(F)	STD,1,10,20,30	2.9994/3.0002 2.9994/3.0002	0.0007/0.0033 0.0007/0.0033	0.0958 0.0958	3.1922/3.1930 3.1922/3.1930	0.9500 1.1200	
Camshaft Bearing Set 1-2-3-4-5 For Years: 1970 - 1997	B-1	SH-1111S SH-1111	STD	2.1238/2.1248	0.0011/0.0043	0.0618	2.2495/2.2505	0.5850	
Camshaft Bearing Set 1-2-3-4-5 For Years: 1970 - 1997	B-1	SH-1766S SH-1766	STD	2.1238/2.1248	0.0011/0.0050	0.0694	2.2645/2.2655	0.6300	
NOTE: Oversized Align Bored Blocks With Housing Bore Size 2.2645in/2.2655in									
160	7.0L 7030 CC 429 CID OHV 16V V8 FORD VIN Code: 'K' (1969-1971)			4.360"/110.7mm x 3.590"/91.2mm					160
	7.5L 7539 CC 460 CID OHV 16V V8 FORD; Police VIN Code: 'C' (1973-1974)			4.360"/110.7mm x 3.850"/97.8mm					
	7.5L 7539 CC 460 CID OHV 16V V8 FORD; HO VIN Code: 'C' (1973-1974)			4.360"/110.7mm x 3.850"/97.8mm					
	7.5L 460 CID OHV 16V V8 FORD; HO VIN Code: 'C' (1975-1978)			4.360"/110.7mm x 3.850"/97.8mm					
	7.5L 7539 CC 460 CID OHV 16V V8 FORD VIN Code: 'A' (1968-1974)			4.360"/110.7mm x 3.850"/97.8mm					
Connecting Rod Bearing Pair (8) For Years: 1969 - 1978	AL-5	CB-818A	STD,10,20,30,40	2.4992/2.5000	0.0005/0.0031	0.0761	2.6522/2.6530	0.8660	
Connecting Rod Bearing Pair (8) For Years: 1969 - 1978	TM-77	CB-818P	STD,1,10,20,30,40	2.4992/2.5000	0.0005/0.0031	0.0761	2.6522/2.6530	0.8660	
Connecting Rod Bearing Pair (8) For Years: 1969 - 1976	TM-77	CB-1801P-10	30,40	2.4380/2.4388	0.0025	0.0770	2.5935	0.7340	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock									



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
160 (cont.)	7.0L 7030 CC 429 CID OHV 16V V8 FORD				4.360"/110.7mm x 3.590"/91.2mm			160 (cont.)
	VIN Code: 'K' (1969-1971)							
	7.5L 7539 CC 460 CID OHV 16V V8 FORD; Police				4.360"/110.7mm x 3.850"/97.8mm			
	VIN Code: 'C' (1973-1974)							
	7.5L 7539 CC 460 CID OHV 16V V8 FORD; HO				4.360"/110.7mm x 3.850"/97.8mm			
	VIN Code: 'C' (1973-1974)							
7.5L 460 CID OHV 16V V8 FORD; HO				4.360"/110.7mm x 3.850"/97.8mm				
VIN Code: 'C' (1975-1978)								
7.5L 7539 CC 460 CID OHV 16V V8 FORD				4.360"/110.7mm x 3.850"/97.8mm				
VIN Code: 'A' (1968-1974)								
Connecting Rod Bearing Pair (8)	TM-77	CB-1802P-10		2.4992/2.5000	0.0005/0.0031	0.0771	2.6542/2.6550	0.8660
For Years: 1969 - 1978								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-818A(8)	STD,10,20,30,40	2.4992/2.5000	0.0005/0.0031	0.0761	2.6522/2.6530	0.8660
For Years: 1969 - 1978								
Connecting Rod Bearing Set	AL-5	CB-818P(8)	STD,10,20,30,40	2.4992/2.4500	0.0005/0.0031	0.0761	2.6522/2.6530	0.8660
For Years: 1969 - 1978								
Main Bearing Set	TM-77	MS-1039P	STD,1,10,20,30					
1-2-4-5		MB-2564P		2.9994/3.0002	0.0007/0.0033	0.0958	3.1922/3.1930	0.9500
3		MB-2565P(F)		2.9994/3.0002	0.0007/0.0033	0.0958	3.1922/3.1930	1.1200
Camshaft Bearing Set	B-1	SH-1111S	STD					
1-2-3-4-5		SH-1111		2.1238/2.1248	0.0011/0.0043	0.0618	2.2495/2.2505	0.5850
Camshaft Bearing Set	B-1	SH-1766S	STD					
1-2-3-4-5		SH-1766		2.1238/2.1248	0.0011/0.0050	0.0694	2.2645/2.2655	0.6300
NOTE: Oversized Align Bored Blocks With Housing Bore Size 2.2645in/ 2.2655in								
161	7.0L 7030 CC 429 CID OHV 16V V8 FORD				4.360"/110.7mm x 3.590"/91.2mm			161
	VIN Code: 'N' (1968-1973)							
	7.0L 7030 CC 429 CID OHV 16V V8 FORD; Cobra Jet/Super CJ				4.360"/110.7mm x 3.590"/91.2mm			
	VIN Codes: 'C' (1970-1971), 'J' (1970-1971)							
7.5L 460 CID OHV 16V V8 FORD				4.360"/110.7mm x 3.850"/97.8mm				
VIN Code: 'A' (1975-1979)								
Connecting Rod Bearing Pair (8)	AL-5	CB-818A	STD,10,20,30,40	2.4992/2.5000	0.0005/0.0031	0.0761	2.6522/2.6530	0.8660
Connecting Rod Bearing Pair (8)	TM-77	CB-818P	STD,1,10,20,30,40	2.4992/2.5000	0.0005/0.0031	0.0761	2.6522/2.6530	0.8660
Connecting Rod Bearing Pair (8)	TM-77	CB-1801P-10	30,40	2.4380/2.4388	0.0025	0.0770	2.5935	0.7340
For Years: 1969 - 1976								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
161 (cont.)	7.0L 7030 CC 429 CID OHV 16V V8 FORD VIN Code: 'N' (1968-1973)						4.360"/110.7mm x 3.590"/91.2mm	161 (cont.)
	7.0L 7030 CC 429 CID OHV 16V V8 FORD; Cobra Jet/Super CJ VIN Codes: 'C' (1970-1971), 'J' (1970-1971)						4.360"/110.7mm x 3.590"/91.2mm	
	7.5L 460 CID OHV 16V V8 FORD VIN Code: 'A' (1975-1979)						4.360"/110.7mm x 3.850"/97.8mm	
Connecting Rod Bearing Pair (8)	TM-77	CB-1802P-10		2.4992/2.5000	0.0005/0.0031	0.0771	2.6542/2.6550	0.8660
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-818A(8)	STD,10,20,30,40	2.4992/2.5000	0.0005/0.0031	0.0761	2.6522/2.6530	0.8660
Connecting Rod Bearing Set	AL-5	CB-818P(8)	STD,10,20,30,40	2.4992/2.4500	0.0005/0.0031	0.0761	2.6522/2.6530	0.8660
Camshaft Bearing Set	B-1	SH-1111S	STD					
1-2-3-4-5		SH-1111		2.1238/2.1248	0.0011/0.0043	0.0618	2.2495/2.2505	0.5850
Camshaft Bearing Set	B-1	SH-1766S	STD					
1-2-3-4-5		SH-1766		2.1238/2.1248	0.0011/0.0050	0.0694	2.2645/2.2655	0.6300
NOTE: Oversized Align Bored Blocks With Housing Bore Size 2.2645in/2.2655in								
162	7.3L 445 CID OHV 16V V8 FORD; Power-Stroke VIN Code: 'F' (1994-2003)						4.110"/104.4mm x 4.180"/106.2mm	162
Connecting Rod Bearing Pair (8)	TM-112	CB-1633P	STD,10,20,30,40	2.4980/2.4990	0.0016/0.0046	0.0952	2.6905/2.6915	0.9640
Main Bearing Set	TM-112	MS-2034P	STD,10,20,30					
1-2-3-4		MB-3497P		3.1228/3.1236	0.0018/0.0046	0.0949	3.3152/3.3162	0.9330
5		MB-3498P(F)		3.1228/3.1236	0.0018/0.0046	0.0949	3.3152/3.3162	1.2380
Camshaft Bearing Set	B-1	SH-1092S	STD					
1		SH-1092		2.0990/2.1000	0.0011/0.0048	0.0647	2.2305/2.2320	0.7900
2-3-4-5		SH-1093		2.0990/2.1000	0.0011/0.0048	0.0647	2.2305/2.2320	0.6550
Piston Pin Bushing (8)		223-3714	STD					
For Year: 1994								
NOTE: OE Replacement								
163	7.5L 460 CID OHV 16V V8 FORD (1997)						4.360"/110.7mm x 3.850"/97.8mm	163
Connecting Rod Bearing Pair (8)	TM-77	CB-1802P-10		2.4992/2.5000	0.0005/0.0031	0.0771	2.6542/2.6550	0.8660
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Connecting Rods With Housing Bore Resized .002" Larger Than Stock								
10 CYL								
164	6.8L 415 CID SOHC 20V V10 FORD; Triton VIN Code: 'S' (1997-2013)						3.550"/90.2mm x 4.160"/105.7mm	164
	6.8L 415 CID SOHC 30V V10 FORD; Triton VIN Code: 'Y' (2005-2013)						3.550"/90.2mm x 4.160"/105.7mm	
Connecting Rod Bearing Pair (10)	AL-5	CB-1442A	STD,.25mm,.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270



FORD

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				10 CYL (cont.)					
164 (cont.)	6.8L 415 CID SOHC 20V V10 FORD; Triton VIN Code: 'S' (1997-2013)			3.550"/90.2mm x 4.160"/105.7mm					164 (cont.)
	6.8L 415 CID SOHC 30V V10 FORD; Triton VIN Code: 'Y' (2005-2013)			3.550"/90.2mm x 4.160"/105.7mm					
Connecting Rod Bearing Pair (10)	AL-5	CB-1634A-.25mm	.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB1442A(10)	STD,A.25mm,A.50mm, A.75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270	
Connecting Rod Bearing Set	AL-5	CB-1634A-.25mm(10)	.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set	AL-5	MS-2203A	STD,.25mm,.50mm, .75mm						
1		MB-3752A		2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580	
2-3-4-5-6		MB-3139A		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580	
6		MB-3139W							
Piston Pin Bushing (10)	C-1	223-3679	STD						
For Years: 2008 - 2012									
NOTE: OE Replacement, Requires Boring									
165	6.8L 415 CID SOHC 20V V10 FORD; Triton (1998-2009)			3.550"/90.2mm x 4.160"/105.7mm					165
	6.8L 415 CID SOHC 30V V10 FORD; Triton VIN Code: 'Y' (2011-2016)			3.550"/90.2mm x 4.160"/105.7mm					
Connecting Rod Bearing Pair (10)	AL-5	CB-1442A	STD,.25mm,.50mm, .75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270	
For Years: 1998 - 2013									
Connecting Rod Bearing Pair (10)	AL-5	CB-1634A-.25mm	.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270	
For Years: 1998 - 2013									
Connecting Rod Bearing Set	AL-5	CB1442A(10)	STD,A.25mm,A.50mm, A.75mm	2.0859/2.0867	0.0011/0.0023	0.0759	2.2388/2.2396	0.8270	
For Years: 1998 - 2013									
Connecting Rod Bearing Set	AL-5	CB-1634A-.25mm(10)	.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270	
For Years: 1998 - 2013									
Connecting Rod Bearing Set	AL-5	CB-1634A-.25mm(10)	.50mm,.75mm	2.0859/2.0867	0.0011/0.0023	0.0769	2.2408/2.2416	0.8270	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set	AL-5	MS-2203A	STD,.25mm,.50mm, .75mm						
1		MB-3752A		2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580	
2-3-4-5-6		MB-3139A		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580	
6		MB-3139W							



FORD

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
10 CYL (cont.)								
166	6.8L 415 CID SOHC 30V V10 FORD; Triton (2016)			3.550"/90.2mm x 4.160"/105.7mm				166
Main Bearing Set	AL-5	MS-2203A	STD, .25mm, .50mm, .75mm					
1		MB-3752A		2.6567/2.6577	0.0003/0.0032	0.0962	2.8504/2.8513	0.7580
2-3-4-5-6		MB-3139A		2.6567/2.6577	0.0005/0.0025	0.0962	2.8504/2.8513	0.7580
6		MB-3139W						0.1151

FREIGHTLINER

ENGINE	YEAR	BORE & STROKE	BLOCK
2.7L 2687 CC 165 CID DOHC 20V L5 MERCEDES-BENZ	2002	3.460"/87.9mm x 3.480"/88.4mm	1

MODEL	ENGINE	YEAR	BLOCK
Sprinter 2500	2.7L 2687 CC 165 CID DOHC 20V L5 MERCEDES-BENZ	2002	1
Sprinter 3500	2.7L 2687 CC 165 CID DOHC 20V L5 MERCEDES-BENZ	2002	1

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
5 CYL								
1	2.7L 2687 CC 165 CID DOHC 20V L5 MERCEDES-BENZ VIN Codes: '1' (2002), '2' (2002)			3.460"/87.9mm x 3.480"/88.4mm				1
Connecting Rod Bearing Pair (5)	TM-77	CB-1842P	STD, .25mm, .50mm	1.8880/1.8883	0.0006/0.0024	0.0713	2.0315/2.0320	0.8560
Connecting Rod Bearing Pair (5)	TM-77	CB-1843P-.25mm	.50mm	1.8880/1.8883	0.0006/0.0024	0.0723	2.0335/2.0340	0.8560
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-1842P(5)	STD, .25mm, .50mm	1.8880/1.8883	0.0006/0.0024	0.0713	2.0315/2.0320	0.8560
Main Bearing Set 1-2-3-4-5-6	TM-77	MS-2248P MB-3826P	STD, .25mm, .50mm	2.2817/2.2820	0.0005/0.0023	0.0890	2.4605/2.4610	0.6900
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-620S								
Thrust Washer Set 3	TM-77	TW-620S MB-3826W	STD	2.5905			3.1890	0.0866
Piston Pin Bushing (5)	C-1	223-3665	STD	1.1809/1.1811	0.0180/0.0290	0.0645	1.2785/1.2805	0.8622
NOTE: OE Replacement, Requires Light Reaming								



GENERAL MOTORS CORP

ENGINE	YEAR	BORE & STROKE	BLOCK
1.0L 993 CC 61 CID SOHC 6V L3 SUZUKI	1985-2000	2.910"/74.0mm x 3.030"/77.0mm	1
1.0L 995 CC 61 CID SOHC 8V L4 L11, LA2	2004-2010	2.700"/68.5mm x 2.660"/67.5mm	2
1.3L 1295 CC 79 CID SOHC 16V L4 SUZUKI	1995-2001	2.910"/74.0mm x 3.030"/77.0mm	3
1.4L 1393 CC 85 CID SOHC 8V L4; Chevrolet	1976-1977	3.230"/82.0mm x 2.610"/66.8mm	4
1.6L 1588 CC 98 CID SOHC 8V L4 SUZUKI	1989-1995	2.950"/75.0mm x 3.540"/90.0mm	6
1.6L 98 CID SOHC 8V L4; Chevrolet	1982-1987	3.030"/76.9mm x 3.390"/86.0mm	4
1.6L 1588 CC 98 CID SOHC 8V L4 TOYOTA	1985-1988	3.070"/78.0mm x 3.290"/83.6mm	7
1.6L 1588 CC 98 CID SOHC 8V L4 OPEL	1988-1993	3.110"/79.0mm x 3.210"/81.5mm	8
1.6L 98 CID SOHC 8V L4; Chevrolet	1976-1987	3.230"/82.0mm x 2.980"/75.1mm	4
1.6L 1588 CC 98 CID SOHC 12V L4 ISUZU	1990-1993	3.150"/80.0mm x 3.110"/79.0mm	9
1.6L 1588 CC 98 CID SOHC 16V L4 SUZUKI	1994-2000	2.960"/75.2mm x 3.540"/90.0mm	6
1.6L 1598 CC 98 CID DOHC 16V L4 LXT	2004-2008	3.110"/79.0mm x 3.210"/81.5mm	8
1.6L 1588 CC 98 CID DOHC 16V L4 ISUZU	1990-1991	3.150"/80.0mm x 3.110"/79.0mm	9
1.6L 1588 CC 98 CID DOHC 16V L4 TOYOTA	1989-1997	3.180"/81.0mm x 3.030"/77.0mm	5
1.6L 1587 CC DOHC 16V L4 TOYOTA 4AFE, 4AGE	1990-1992	3.180"/81.0mm x 3.030"/77.0mm	5
1.8L 112 CID OHV 8V L4; Chevrolet	1982	3.290"/83.0mm x 3.350"/85.0mm	14
1.8L 1817 CC 111 CID SOHC 8V L4 ISUZU G180Z	1972-1974	3.310"/84.0mm x 3.230"/82.0mm	10
1.8L 111 CID SOHC 8V L4 ISUZU	1975-1982	3.310"/84.0mm x 3.230"/82.0mm	10
1.8L 1816 CC SOHC 8V L4 ISUZU	1976-1979	3.310"/84.0mm x 3.230"/82.0mm	10
1.8L 1819 CC 110 CID OHV 8V L4 ISUZU	1981-1986	3.310"/84.0mm x 3.230"/82.0mm	12
1.8L 112 CID SOHC 8V L4 OPEL	1982-1986	3.340"/84.8mm x 3.130"/79.5mm	15
1.8L 1794 CC DOHC 16V L4 TOYOTA 1ZZFE	2003-2008	3.110"/79.0mm x 3.600"/91.5mm	11
1.8L 1788 CC 110 CID DOHC 16V L4 TOYOTA	1993-1997	3.190"/81.0mm x 3.370"/85.5mm	13
1.8L 110 CID DOHC 16V L4 TOYOTA	1998-2002	3.190"/81.0mm x 3.370"/85.5mm	11
1.9L 116 CID SOHC 8V L4	1991-1994	3.230"/82.0mm x 3.460"/88.0mm	16
1.9L 116 CID SOHC 8V L4	1995-2002	3.230"/82.0mm x 3.540"/90.0mm	16
1.9L 119 CID SOHC 8V L4 ISUZU	1982-1985	3.430"/87.0mm x 3.230"/82.0mm	17
1.9L 116 CID DOHC 16V L4	1991-2002	3.230"/82.0mm x 3.540"/90.0mm	16
2.0L 122 CID OHV 8V L4; Chevrolet	1983-1984	3.390"/86.0mm x 3.390"/86.0mm	14
2.0L 122 CID OHV 8V L4; Chevrolet	1983-1986	3.390"/86.0mm x 3.390"/86.0mm	19
2.0L 121 CID OHV 8V L4; Chevrolet	1987-1988	3.390"/86.0mm x 3.390"/86.0mm	18
2.0L 122 CID OHV 8V L4; Chevrolet	1987-1989	3.390"/86.0mm x 3.390"/86.0mm	20
2.0L 122 CID SOHC 8V L4 OPEL	1987-1991	3.390"/86.0mm x 3.390"/86.0mm	21
2.0L 122 CID SOHC 8V L4 OPEL	1992-1994	3.390"/86.0mm x 3.390"/86.0mm	15
2.0L 1998 CC 122 CID DOHC 16V L4 LHU, LNF; Ecotec	2007-2013	3.380"/86.0mm x 3.380"/86.0mm	22
2.0L 1998 CC 122 CID DOHC 16V L4 LHU; Ecotec	2013	3.380"/86.0mm x 3.380"/86.0mm	23
2.0L 1998 CC 122 CID DOHC 16V L4 LHU; Ecotec	2013-2016	3.380"/86.0mm x 3.380"/86.0mm	24
2.0L 122 CID DOHC 16V L4; Ecotec	2004-2007	3.390"/86.0mm x 3.390"/86.0mm	25
2.0L 122 CID DOHC 16V L4; Cosworth	1975-1976	3.500"/89.0mm x 3.160"/80.3mm	14
2.2L 134 CID OHV 8V L4 ISUZU	1982-1984	3.440"/87.5mm x 3.620"/92.0mm	26
2.2L 134 CID OHV 8V L4; Chevrolet	1990-1991	3.440"/87.5mm x 3.620"/92.0mm	18
2.2L 2190 CC 134 CID OHV 8V L4; Vortec	1992-1996	3.500"/89.0mm x 3.460"/88.0mm	18
2.2L 2190 CC 134 CID OHV 8V L4; Vortec	1993-2002	3.500"/89.0mm x 3.460"/88.0mm	28
2.2L 2190 CC 134 CID OHV 8V L4	1995-2003	3.500"/89.0mm x 3.460"/88.0mm	29
2.2L 2190 CC 134 CID OHV 8V L4	1997	3.500"/89.0mm x 3.460"/88.0mm	18
2.2L 2190 CC 134 CID OHV 8V L4; Vortec	1999-2003	3.500"/89.0mm x 3.460"/88.0mm	27

GENERAL MOTORS CORP

ENGINE	YEAR	BORE & STROKE	BLOCK
2.2L 2190 CC 133 CID OHV 8V L4 LN2; Vortec	1993	3.500"/89.0mm x 3.460"/88.0mm	20
2.2L 2198 CC 134 CID DOHC 16V L4 L61, LAP; Ecotec	2000-2010	3.390"/86.0mm x 3.720"/94.6mm	30
2.2L 134 CID DOHC 16V L4 OPEL; Ecotec	2002-2003	3.390"/86.0mm x 3.720"/94.6mm	30
2.2L 134 CID DOHC 16V L4; Ecotec	2003-2004	3.390"/86.0mm x 3.720"/94.6mm	30
2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2004-2005	3.390"/86.0mm x 3.720"/94.6mm	31
2.2L 2189 CC 134 CID DOHC 16V L4; Ecotec	2006	3.390"/86.0mm x 3.720"/94.6mm	30
2.2L 2198 CC 134 CID DOHC 16V L4 L61; Ecotec	2007-2008	3.390"/86.0mm x 3.720"/94.6mm	32
2.2L 2198 CC 134 CID DOHC 16V L4 LAP; Ecotec	2009	3.390"/86.0mm x 3.720"/94.6mm	33
2.2L 2198 CC 134 CID DOHC 16V L4 LAP; Ecotec	2010	3.390"/86.0mm x 3.720"/94.6mm	22
2.2L 2189 CC 134 CID DOHC 16V L4 LE8; Ecotec	2009-2011	3.390"/86.0mm x 3.720"/94.6mm	25
2.3L 2294 CC 140 CID SOHC 8V L4	1971-1974	3.500"/88.9mm x 3.630"/92.1mm	14
2.3L 2295 CC 140 CID SOHC 8V L4; Chevrolet	1971-1974	3.500"/88.9mm x 3.630"/92.1mm	14
2.3L 2294 CC 140 CID SOHC 8V L4; Chevrolet	1975-1977	3.500"/88.9mm x 3.630"/92.1mm	14
2.3L 138 CID SOHC 8V L4; Quad 4	1992-1994	3.620"/92.0mm x 3.350"/85.0mm	34
2.3L 138 CID DOHC 16V L4; Quad 4	1987-1995	3.620"/92.0mm x 3.350"/85.0mm	35
2.3L 140 CID DOHC 16V L4; Quad 4	1989-1994	3.620"/92.0mm x 3.350"/85.0mm	36
2.4L 145 CID DOHC 16V L4 LE9; Ecotec	2006-2010	3.460"/88.0mm x 3.850"/98.0mm	22
2.4L 2384 CC 145 CID DOHC 16V L4 LAF; Ecotec	2006-2011	3.460"/88.0mm x 3.860"/98.0mm	22
2.4L 145 CID DOHC 16V L4 LAF, LE5, LE9, LEA; Ecotec	2010-2015	3.460"/88.0mm x 3.850"/98.0mm	25
2.4L 2384 CC 145 CID DOHC 16V L4 LAF, LUK; Ecotec	2010-2015	3.460"/88.0mm x 3.860"/98.0mm	38
2.4L 145 CID DOHC 16V L4 LEA; Ecotec	2012-2013	3.460"/88.0mm x 3.850"/98.0mm	38
2.4L 145 CID DOHC 16V L4 LEA; Ecotec	2013-2016	3.460"/88.0mm x 3.850"/98.0mm	24
2.4L 2362 CC DOHC 16V L4 TOYOTA LAX	2009-2010	3.480"/88.5mm x 3.770"/96.0mm	37
2.4L 2392 CC 146 CID DOHC 16V L4	1996-2001	3.540"/90.0mm x 3.700"/94.0mm	39
2.4L 2392 CC 146 CID DOHC 16V L4; Oldsmobile	1996-2002	3.540"/90.0mm x 3.700"/94.0mm	40
2.5L 2507 CC 153 CID OHV 8V L4	1962-1970	3.880"/98.4mm x 3.250"/82.6mm	45
2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1977-1986	4.000"/101.6mm x 3.000"/76.2mm	42
2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1982-1992	4.000"/101.6mm x 3.000"/76.2mm	44
2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1985-1991	4.000"/101.6mm x 3.000"/76.2mm	41
2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1985-1993	4.000"/101.6mm x 3.000"/76.2mm	43
2.8L 2770 CC 169 CID DOHC 16V L4	2004-2006	3.660"/93.0mm x 4.000"/101.6mm	46
2.9L 2921 CC 178 CID DOHC 16V L4	2007-2012	3.760"/95.5mm x 4.000"/101.6mm	47
2.9L 2921 CC 178 CID DOHC 16V L4 LLV	2011-2012	3.760"/95.5mm x 4.020"/102.0mm	48
3.2L 3196 CC 195 CID OHV 8V L4 76Y, 77Y, 78Y, 79Y, 83Z, 84Z, 85Z, 86Z, 87Z, 88Z, 89Z, DA, DS, OA, OS, XA, XS, ZA, ZS	1961-1963	4.060"/103.2mm x 3.750"/95.3mm	49
3.5L 3460 CC 211 CID DOHC 20V L5	2006	3.660"/91.4mm x 4.000"/101.6mm	50
3.5L 3460 CC 211 CID DOHC 20V L5	2004-2006	3.660"/93.0mm x 4.000"/101.6mm	51
3.7L 3654 CC 223 CID DOHC 20V L5	2007-2012	3.760"/95.5mm x 4.000"/101.6mm	52
2.3L 2294 CC 140 CID OHV 12V H6	1960-1961	3.380"/85.7mm x 2.590"/65.9mm	53
2.4L 2377 CC 145 CID OHV 12V H6	1961-1963	3.440"/87.3mm x 2.590"/65.9mm	53
2.7L 2684 CC 164 CID OHV 12V H6	1964-1969	3.440"/87.3mm x 2.940"/74.6mm	53
2.8L 173 CID OHV 12V V6; Chevrolet	1980-1984	3.500"/89.0mm x 2.990"/76.0mm	56
2.8L 173 CID OHV 12V V6; Chevrolet	1981-1989	3.500"/89.0mm x 2.990"/76.0mm	55
2.8L 173 CID OHV 12V V6; Chevrolet	1986-1993	3.500"/89.0mm x 2.990"/76.0mm	57
2.8L 2792 CC 170 CID DOHC 24V V6 LAU	2005-2011	3.500"/89.0mm x 2.940"/74.8mm	54
3.0L 181 CID OHV 12V V6; Buick	1982-1985	3.800"/96.5mm x 2.660"/67.6mm	59
3.0L 181 CID OHV 12V V6; Buick	1985-1988	3.800"/96.5mm x 2.660"/67.6mm	58
3.0L 3000 CC 181 CID DOHC 24V V6 OPEL; Ecotec	2000-2005	3.390"/86.0mm x 3.350"/85.0mm	60
3.0L 182 CID DOHC 24V V6 LF1	2010-2011	3.500"/89.0mm x 3.160"/80.2mm	54
3.0L 2997 CC 182 CID DOHC 24V V6 LFW	2011	3.500"/89.0mm x 3.160"/80.2mm	54



GENERAL MOTORS CORP

ENGINE	YEAR	BORE & STROKE	BLOCK
3.1L 189 CID OHV 12V V6; Chevrolet	1988-2005	3.500"/89.0mm x 3.310"/84.0mm	57
3.1L 189 CID OHV 12V V6	1993	3.500"/89.0mm x 3.310"/84.0mm	57
3.2L 196 CID OHV 12V V6; Buick	1978-1979	3.540"/90.0mm x 3.310"/84.0mm	62
3.2L 3180 CC 194 CID OHV 12V L6	1962-1967	3.560"/90.5mm x 3.250"/82.6mm	61
3.2L 3245 CC 198 CID OHV 12V V6 6I, JL, JZ	1962-1963	3.630"/92.1mm x 3.200"/81.4mm	63
3.2L 197 CID DOHC 24V V6; Cadillac	2003-2004	3.440"/87.4mm x 3.460"/87.9mm	60
3.3L 200 CID OHV 12V V6; Chevrolet	1978-1979	3.500"/88.9mm x 3.480"/88.4mm	64
3.3L 204 CID OHV 12V V6; Buick	1989-1993	3.700"/92.0mm x 3.160"/84.0mm	65
3.3L 3340 CC 204 CID OHV 12V V6; Buick	1989-1990	3.700"/94.0mm x 3.160"/80.3mm	66
3.4L 207 CID OHV 12V V6; Chevrolet	1993-2005	3.620"/92.0mm x 3.310"/84.0mm	57
3.4L 207 CID OHV 12V V6; Chevrolet	2005-2009	3.620"/92.0mm x 3.310"/84.0mm	67
3.4L 207 CID DOHC 24V V6; Chevrolet	1991-1997	3.620"/92.0mm x 3.310"/84.0mm	68
3.5L 213 CID OHV 12V V6	2004-2007	3.700"/94.0mm x 3.310"/84.1mm	70
3.5L 211 CID OHV 12V V6	2005	3.700"/94.0mm x 3.310"/84.1mm	69
3.5L 213 CID OHV 12V V6	2006	3.700"/94.0mm x 3.310"/84.1mm	71
3.5L 214 CID OHV 12V V6	2006	3.700"/94.0mm x 3.310"/84.1mm	71
3.5L 3524 CC 215 CID OHV 12V L6 80Z, 81Z, 82Z, 83Y, 84Z, 85Z, 87Z, 88Y, 89Y, ZD, ZE, ZK, ZL, ZM, ZN	1964-1965	3.750"/95.3mm x 3.250"/82.6mm	61
3.5L 3490 CC 213 CID OHV 12V V6	2006-2011	3.900"/99.0mm x 2.990"/76.0mm	72
3.5L 214 CID DOHC 24V V6; Oldsmobile	1999-2002	3.520"/89.5mm x 3.620"/92.0mm	73
3.6L 217 CID DOHC 24V V6 LLT, LY7	2004-2013	3.700"/94.0mm x 3.370"/85.6mm	54
3.6L 3564 CC 217 CID DOHC 24V V6 LLT	2010	3.700"/94.0mm x 3.370"/85.6mm	75
3.6L 217 CID DOHC 24V V6 LLT	2011-2014	3.700"/94.0mm x 3.370"/85.6mm	74
3.7L 3687 CC 225 CID OHV 12V V6 HH, KH, LJ, MH	1964-1966	3.750"/95.3mm x 3.400"/86.4mm	76
3.7L 3687 CC 225 CID OHV 12V V6 KJ, LH, MK, NH	1964-1967	3.750"/95.3mm x 3.400"/86.4mm	77
3.8L 3852 CC 235 CID OHV 12V L6	1953-1955	3.560"/90.5mm x 3.940"/100.0mm	88
3.8L 3852 CC 235 CID OHV 12V L6	1953-1963	3.560"/90.5mm x 3.940"/100.0mm	89
3.8L 229 CID OHV 12V V6; Chevrolet	1980-1982	3.740"/94.9mm x 3.480"/88.4mm	64
3.8L 229 CID OHV 12V V6; Buick	1980-1982	3.740"/94.9mm x 3.480"/88.4mm	78
3.8L 229 CID OHV 12V V6; Chevrolet	1983-1984	3.740"/94.9mm x 3.480"/88.4mm	78
3.8L 231 CID OHV 12V V6; Buick	1975-1977	3.780"/96.0mm x 3.420"/86.8mm	80
3.8L 231 CID OHV 12V V6; Buick	1978-1979	3.780"/96.0mm x 3.420"/86.8mm	62
3.8L 3800 CC 231 CID OHV 12V V6; Buick	1977-1990	3.800"/96.5mm x 3.400"/86.4mm	59
3.8L 3800 CC 231 CID OHV 12V V6; Buick	1978-1983	3.800"/96.5mm x 3.400"/86.4mm	62
3.8L 3800 CC 231 CID OHV 12V V6; Buick	1986-1989	3.800"/96.5mm x 3.400"/86.4mm	84
3.8L 3800 CC 231 CID OHV 12V V6; Buick	1995-1998	3.800"/96.5mm x 3.400"/86.4mm	83
3.8L 3800 CC 231 CID OHV 12V V6; Buick	2004-2007	3.800"/96.5mm x 3.400"/86.4mm	81
3.8L 3800 CC 231 CID OHV 12V V6; Buick	2004-2009	3.800"/96.5mm x 3.400"/86.4mm	82
3.8L 3800 CC 231 CID OHV 12V V6 L27; Buick	1990-1996	3.800"/96.5mm x 3.400"/86.4mm	85
3.8L 3800 CC 231 CID OHV 12V V6 L36; Buick	1995-2005	3.800"/96.5mm x 3.400"/86.4mm	86
3.8L 3800 CC 231 CID OHV 12V V6 L67; Buick	1991-2005	3.800"/96.5mm x 3.400"/86.4mm	87
3.8L 3800 CC 231 CID OHV 12V V6 LN3; Buick	1988-1991	3.800"/96.5mm x 3.400"/86.4mm	65
3.8L 3769 CC 230 CID OHV 12V L6	1963-1970	3.880"/98.4mm x 3.250"/82.6mm	61
3.8L 3769 CC 230 CID SOHC 12V L6 ZD, ZE, ZF, ZG, ZK, ZL, ZM, ZN	1965-1967	3.880"/98.4mm x 3.250"/82.6mm	79
3.9L 3880 CC 237 CID OHV 12V V6 LGD, LZG	2006-2011	3.900"/99.0mm x 3.310"/84.0mm	72
4.1L 250 CID OHV 12V L6	1975	3.680"/93.5mm x 3.910"/99.3mm	90
4.1L 250 CID OHV 12V L6; Chevrolet	1975-1984	3.680"/93.5mm x 3.910"/99.3mm	90
4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1965-1971	3.880"/98.4mm x 3.530"/89.7mm	93
4.1L 4097 CC 250 CID OHV 12V L6	1966-1971	3.880"/98.4mm x 3.530"/89.7mm	93

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ENGINE	YEAR	BORE & STROKE	BLOCK
4.1L 4097 CC 250 CID OHV 12V L6 CG, FT, FV, LA, LE, MA, ME, PS, RF, SA, SB, VB, VE, VF	1966-1972	3.880"/98.4mm x 3.530"/89.7mm	91
4.1L 4098 CC 250 CID SOHC 12V L6; Pontiac	1968-1969	3.880"/98.4mm x 3.530"/89.7mm	79
4.1L 4098 CC 250 CID SOHC 12V L6; Pontiac	1968-1969	3.880"/98.4mm x 3.530"/89.7mm	92
4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	3.880"/98.4mm x 3.530"/89.7mm	90
4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	3.880"/98.4mm x 3.530"/89.7mm	90
4.1L 4097 CC 250 CID OHV 12V L6 CAA, CAB, ZB, ZG	1970-1971	3.880"/98.4mm x 3.530"/89.7mm	79
4.1L 4097 CC 250 CID SOHC 12V L6 XF, ZC, ZD, ZE, ZF, ZH, ZK, ZL, ZN, ZO	1968-1969	3.880"/98.4mm x 3.530"/89.7mm	91
4.1L 252 CID OHV 12V V6; Buick	1980-1984	3.970"/100.7mm x 3.400"/86.4mm	94
4.2L 256 CID DOHC 24V L6; Vortec	2002-2009	3.660"/93.0mm x 4.000"/102.0mm	95
4.3L 4278 CC 261 CID OHV 12V L6	1955-1962	3.750"/95.3mm x 3.940"/100.0mm	88
4.3L 262 CID OHV 12V V6; Chevrolet	1985-1991	4.000"/101.6mm x 3.480"/88.4mm	100
4.3L 262 CID OHV 12V V6; Chevrolet	1985-2008	4.000"/101.6mm x 3.480"/88.4mm	99
4.3L 262 CID OHV 12V V6	1991-1993	4.000"/101.6mm x 3.480"/88.4mm	98
4.3L 262 CID OHV 12V V6; Vortec	1992-2007	4.000"/101.6mm x 3.480"/88.4mm	99
4.3L 4294 CC OHV 12V V6; Vortec	2005	4.000"/101.6mm x 3.480"/88.4mm	96
4.3L 262 CID OHV 12V V6; Vortec	2007-2012	4.000"/101.6mm x 3.480"/88.4mm	97
4.3L 4300 CC 262 CID SOHC 12V V6 LU3	2011-2012	4.000"/101.6mm x 3.480"/88.4mm	102
4.3L 4293 CC 262 CID OHV 12V V6 LU3; Vortec	2013-2014	4.000"/101.6mm x 3.480"/88.4mm	101
4.8L 4801 CC 292 CID OHV 12V L6	1963	3.880"/98.4mm x 4.130"/104.8mm	105
4.8L 4801 CC 292 CID OHV 12V L6	1963-1972	3.880"/98.4mm x 4.130"/104.8mm	103
4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1972-1974	3.880"/98.4mm x 4.130"/104.8mm	104
4.8L 4801 CC 292 CID OHV 12V L6	1972-1974	3.880"/98.4mm x 4.130"/104.8mm	104
4.8L 4801 CC 292 CID OHV 12V L6	1974	3.880"/98.4mm x 4.130"/104.8mm	106
4.8L 292 CID OHV 12V L6; Chevrolet	1975-1989	3.880"/98.4mm x 4.130"/104.8mm	104
5.0L 5012 CC 305 CID OHV 12V V6 305, 305C, 305E	1960-1969	4.250"/107.9mm x 3.580"/90.9mm	107
5.7L 5753 CC 351 CID OHV 12V V6 351, 351C, 351E, 351M	1965-1968	4.560"/115.9mm x 3.580"/90.9mm	107
3.5L 3528 CC 215 CID OHV 16V V8 91Z, 96Y, 97Y, AYA, AYS, H, HI, I, JN, JP, LH, LI, S, SG, SH, ST, YA, YS	1961-1963	3.500"/89.0mm x 2.800"/71.0mm	108
4.0L 244 CID DOHC 32V V8; Oldsmobile	1995-2003	3.430"/87.0mm x 3.310"/84.0mm	109
4.1L 250 CID OHV 16V V8; Cadillac	1982-1988	3.460"/88.0mm x 3.310"/84.0mm	110
4.3L 260 CID OHV 16V V8; Oldsmobile	1975-1981	3.500"/88.9mm x 3.390"/86.1mm	112
4.3L 260 CID OHV 16V V8; Oldsmobile	1979-1982	3.500"/88.9mm x 3.390"/86.1mm	111
4.3L 262 CID OHV 16V V8; Chevrolet	1975-1976	3.670"/93.2mm x 3.100"/78.7mm	113
4.3L 265 CID OHV 16V V8; Vortec	1994-1996	3.670"/93.2mm x 3.100"/78.7mm	114
4.3L 4343 CC 265 CID OHV 16V V8	1955-1957	3.750"/95.3mm x 3.000"/76.2mm	115
4.3L 265 CID OHV 16V V8; Pontiac	1980-1981	3.750"/95.3mm x 3.000"/76.1mm	116
4.4L 267 CID OHV 16V V8; Chevrolet	1979-1982	3.500"/88.9mm x 3.480"/88.4mm	114
4.4L 4371 CC 267 CID DOHC 32V V8; Northstar	2006-2009	3.580"/91.0mm x 3.310"/84.0mm	117
4.5L 273 CID OHV 16V V8; Cadillac	1988-1992	3.620"/92.0mm x 3.310"/84.1mm	110
4.6L 4638 CC 283 CID OHV 16V V8	1957-1967	3.880"/98.4mm x 3.000"/76.2mm	115
4.6L 281 CID DOHC 32V V8; Northstar	1993-2010	3.660"/93.0mm x 3.310"/84.0mm	109
4.6L 281 CID DOHC 32V V8; Northstar	2004-2010	3.660"/93.0mm x 3.310"/84.0mm	118
4.6L 281 CID DOHC 32V V8 L37, LD8; Northstar	2011	3.660"/93.0mm x 3.310"/84.0mm	119
4.8L 294 CID OHV 16V V8; Vortec	1999-2007	3.780"/96.0mm x 3.270"/83.0mm	121
4.8L 294 CID OHV 16V V8 L20; Vortec	2007-2014	3.780"/96.0mm x 3.270"/83.0mm	120
4.8L 294 CID OHV 16V V8 L20; Vortec	2015-2016	3.780"/96.0mm x 3.270"/83.0mm	122
4.9L 300 CID OHV 16V V8; Cadillac	1991-1995	3.620"/92.0mm x 3.620"/92.0mm	110
4.9L 4917 CC 300 CID OHV 16V V8 KL, LL, LP, ML, NL	1964-1967	3.750"/95.3mm x 3.400"/86.4mm	123
4.9L 4917 CC 300 CID OHV 16V V8 KP	1964	3.750"/95.3mm x 3.400"/86.4mm	124



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ENGINE	YEAR	BORE & STROKE	BLOCK
4.9L 4949 CC 302 CID OHV 16V V8; Chevrolet	1967	4.000"/101.6mm x 3.000"/76.2mm	125
4.9L 4949 CC 302 CID OHV 16V V8	1967-1969	4.000"/101.6mm x 3.000"/76.2mm	126
4.9L 301 CID OHV 16V V8; Pontiac	1977-1981	4.000"/101.6mm x 3.000"/76.2mm	116
5.0L 305 CID OHV 16V V8; Chevrolet	1976-1996	3.740"/94.9mm x 3.480"/88.4mm	127
5.0L 305 CID OHV 16V V8; Vortec	1996-2002	3.740"/94.9mm x 3.480"/88.4mm	128
5.0L 307 CID OHV 16V V8; Oldsmobile	1980-1990	3.800"/96.5mm x 3.390"/86.1mm	129
5.0L 307 CID OHV 16V V8; Oldsmobile	1983-1990	3.800"/96.5mm x 3.390"/86.1mm	111
5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	3.880"/98.4mm x 3.250"/82.6mm	130
5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	3.880"/98.4mm x 3.250"/82.6mm	131
5.0L 5031 CC 307 CID OHV 16V V8 CCA, CCC	1971	3.880"/98.4mm x 3.250"/82.6mm	128
5.2L 5179 CC 316 CID OHV 16V V8	1956	3.940"/100.0mm x 3.250"/82.6mm	132
5.3L 5343 CC 326 CID OHV 16V V8 590, 600, 68X, 690, 71X	1963-1964	3.720"/94.5mm x 3.750"/95.3mm	137
5.3L 5343 CC 326 CID OHV 16V V8 970, WC, WH, WJ, WK, WL, WO, WP, WR, WX, XF, XL, XR, YJ, YM, YN, YP	1964-1967	3.720"/94.5mm x 3.750"/95.3mm	138
5.3L 323 CID OHV 16V V8; Vortec	2001-2005	3.780"/96.0mm x 3.620"/92.0mm	133
5.3L 325 CID OHV 16V V8; Vortec	2004-2007	3.780"/96.0mm x 3.620"/92.0mm	133
5.3L 5328 CC 325 CID OHV 16V V8 L33, L59, LH6, LM7, LMF; Vortec	2004-2013	3.780"/96.0mm x 3.620"/92.0mm	120
5.3L 5328 CC 325 CID OHV 16V V8 L59, LM4, LM7; Vortec	1999-2007	3.780"/96.0mm x 3.620"/92.0mm	121
5.3L 5328 CC 325 CID OHV 16V V8 L83; EcoTec3	2014-2015	3.780"/96.0mm x 3.620"/92.0mm	134
5.3L 5328 CC 325 CID OHV 16V V8 LC9, LMG, LY5; Vortec	2007-2013	3.780"/96.0mm x 3.620"/92.0mm	135
5.3L 5328 CC 325 CID OHV 16V V8 LC9, LH8, LMF, LMG; Vortec	2007-2014	3.780"/96.0mm x 3.620"/92.0mm	133
5.3L 5328 CC 325 CID OHV 16V V8 LC9, LMG, LY5	2010-2014	3.780"/96.0mm x 3.620"/92.0mm	133
5.3L 5328 CC 325 CID OHV 16V V8 LH8, LH9, LY5; Vortec	2003-2012	3.780"/96.0mm x 3.620"/92.0mm	136
5.3L 5328 CC 325 CID OHV 16V V8 LS4	2005-2009	3.780"/96.0mm x 3.620"/92.0mm	120
5.3L 323 CID OHV 16V V8 LY5; Vortec	2003-2005	3.780"/96.0mm x 3.620"/92.0mm	134
5.3L 5358 CC 327 CID OHV 16V V8	1962-1965	4.000"/101.6mm x 3.250"/82.5mm	115
5.3L 5358 CC 327 CID OHV 16V V8	1962-1969	4.000"/101.6mm x 3.250"/82.5mm	140
5.3L 5358 CC 327 CID OHV 16V V8; Chevrolet	1964-1965	4.000"/101.6mm x 3.250"/82.5mm	115
5.3L 5358 CC 327 CID OHV 16V V8	1968	4.000"/101.6mm x 3.250"/82.5mm	139
5.4L 5425 CC 331 CID OHV 16V V8	1949-1951	3.810"/96.8mm x 3.630"/92.1mm	143
5.4L 5409 CC 330 CID OHV 16V V8 T, TE, TG, TH, TK, U, UE, UL	1964-1965	3.940"/100.0mm x 3.380"/86.0mm	141
5.4L 5409 CC 330 CID OHV 16V V8 W, WE, WG, WH, WL, X, XE, XG, XH, XL	1966-1967	3.940"/100.0mm x 3.380"/86.0mm	142
5.5L 5522 CC 337 CID OHV 16V V8	1959	3.880"/96.0mm x 3.560"/90.5mm	144
5.6L 5573 CC 340 CID OHV 16V V8 MA, MB, NA, NB	1966-1967	3.750"/95.3mm x 3.850"/97.8mm	124
5.7L 5736 CC 350 CID OHV 16V V8 PO, PP, RO, RP, SP, TB, TC, TD, TO	1968-1974	3.800"/96.5mm x 3.850"/97.8mm	146
5.7L 5737 CC 350 CID OHV 16V V8; Buick	1974	3.800"/96.5mm x 3.850"/97.8mm	147
5.7L 350 CID OHV 16V V8; Buick	1976-1980	3.800"/96.5mm x 3.850"/97.8mm	146
5.7L 5737 CC 350 CID OHV 16V V8; Pontiac	1972-1974	3.880"/98.4mm x 3.750"/95.2mm	138
5.7L 5733 CC 350 CID OHV 16V V8	1972-1974	3.880"/98.4mm x 3.750"/95.3mm	149
5.7L 350 CID OHV 16V V8; Pontiac	1975	3.880"/98.4mm x 3.750"/95.2mm	137
5.7L 350 CID OHV 16V V8; Pontiac	1975-1976	3.880"/98.4mm x 3.750"/95.2mm	138
5.7L 350 CID OHV 16V V8; Oldsmobile	1975-1977	3.880"/98.4mm x 3.750"/95.2mm	148
5.7L 350 CID OHV 16V V8; Oldsmobile	1975-1977	3.880"/98.4mm x 3.750"/95.2mm	150
5.7L 350 CID OHV 16V V8; Oldsmobile	1976-1977	3.880"/98.4mm x 3.750"/95.2mm	151
5.7L 350 CID OHV 16V V8; Chevrolet	1979	3.880"/98.4mm x 3.750"/95.2mm	130
5.7L 350 CID OHV 16V V8; Pontiac	1984	3.880"/98.4mm x 3.750"/95.2mm	114
5.7L 350 CID OHV 16V V8; Chevrolet	1996	3.880"/98.4mm x 3.750"/95.2mm	134
5.7L 5733 CC 350 CID OHV 16V V8 W7, X7	1970	3.880"/98.4mm x 3.750"/95.3mm	152

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ENGINE	YEAR	BORE & STROKE	BLOCK
5.7L 5733 CC 350 CID OHV 16V V8 WC, WD, WK, WM, WV, WZ, XS, XV	1968-1969	3.880"/98.4mm x 3.750"/95.3mm	153
5.7L 5733 CC 350 CID OHV 16V V8 WN, WP, WR, WU, YN	1968-1971	3.880"/98.4mm x 3.750"/95.3mm	154
5.7L 350 CID OHV 16V V8; Chevrolet	1997-2004	3.900"/99.0mm x 3.620"/92.0mm	155
5.7L 5687 CC 347 CID OHV 16V V8	1957	3.940"/100.0mm x 3.560"/90.5mm	132
5.7L 5736 CC 350 CID OHV 16V V8	1967-1971	4.000"/101.6mm x 3.480"/88.4mm	128
5.7L 5736 CC 350 CID OHV 16V V8	1969-1972	4.000"/101.6mm x 3.480"/88.4mm	114
5.7L 5736 CC 350 CID OHV 16V V8	1969-1974	4.000"/101.6mm x 3.480"/88.4mm	157
5.7L 5736 CC 350 CID OHV 16V V8	1971-1974	4.000"/101.6mm x 3.480"/88.4mm	127
5.7L 5736 CC 350 CID OHV 16V V8	1972-1974	4.000"/101.6mm x 3.480"/88.4mm	127
5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1972-1974	4.000"/101.6mm x 3.480"/88.4mm	157
5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	4.000"/101.6mm x 3.480"/88.4mm	130
5.7L 5736 CC 350 CID OHV 16V V8; Chevrolet	1974	4.000"/101.6mm x 3.480"/88.4mm	156
5.7L 350 CID OHV 16V V8; Oldsmobile	1975	4.000"/101.6mm x 3.480"/88.4mm	134
5.7L 350 CID OHV 16V V8; Chevrolet	1975	4.000"/101.6mm x 3.480"/88.4mm	157
5.7L 350 CID OHV 16V V8; Chevrolet	1975-1976	4.000"/101.6mm x 3.480"/88.4mm	127
5.7L 350 CID OHV 16V V8; Chevrolet	1975-1988	4.000"/101.6mm x 3.480"/88.4mm	158
5.7L 350 CID OHV 16V V8; Chevrolet	1975-1996	4.000"/101.6mm x 3.480"/88.4mm	127
5.7L 350 CID OHV 16V V8; Chevrolet	1976-2002	4.000"/101.6mm x 3.480"/88.4mm	127
5.7L 350 CID OHV 16V V8; Oldsmobile	1977	4.000"/101.6mm x 3.480"/88.4mm	162
5.7L 350 CID OHV 16V V8; Oldsmobile	1978-1985	4.000"/101.6mm x 3.480"/88.4mm	161
5.7L 5735 CC 350 CID OHV 16V V8; Chevrolet	1981	4.000"/101.6mm x 3.480"/88.4mm	127
5.7L 350 CID OHV 16V V8	1989	4.000"/101.6mm x 3.480"/88.4mm	159
5.7L 350 CID OHV 16V V8; Chevrolet	1995-2007	4.000"/101.6mm x 3.480"/88.4mm	160
5.7L 350 CID OHV 16V V8; Vortec	1996-2002	4.000"/101.6mm x 3.480"/88.4mm	127
5.7L 5737 CC 350 CID OHV 16V V8; Oldsmobile	1968-1974	4.060"/103.0mm x 3.390"/86.0mm	164
5.7L 5733 CC 350 CID OHV 16V V8	1972-1974	4.060"/103.0mm x 3.380"/86.0mm	164
5.7L 350 CID OHV 16V V8; Oldsmobile	1975-1977	4.060"/103.0mm x 3.390"/86.0mm	164
5.7L 350 CID OHV 16V V8; Oldsmobile	1976-1980	4.060"/103.0mm x 3.390"/86.0mm	166
5.7L 350 CID OHV 16V V8; Oldsmobile	1978-1979	4.060"/103.0mm x 3.390"/86.0mm	111
5.7L 350 CID OHV 16V V8; Oldsmobile	1978-1981	4.060"/103.0mm x 3.390"/86.0mm	163
5.7L 350 CID OHV 16V V8; Oldsmobile	1980	4.060"/103.0mm x 3.390"/86.0mm	165
5.7L 350 CID OHV 16V V8; Chevrolet	1982-1984	4.060"/103.0mm x 3.390"/86.0mm	114
5.7L 350 CID OHV 16V V8; Chevrolet	1989-1993	4.060"/103.0mm x 3.390"/86.0mm	127
5.7L 5733 CC 350 CID OHV 16V V8 QA, QB, QC, QD, QI, QJ, QN, QO, QP, QV, QW, QX, TB, TE, TL, TN	1968-1971	4.060"/103.0mm x 3.380"/86.0mm	165
5.7L 5704 CC 348 CID OHV 16V V8	1958-1961	4.130"/104.8mm x 3.250"/82.6mm	145
5.7L 350 CID DOHC 32V V8; Chevrolet	1990-1995	3.900"/99.0mm x 3.660"/92.9mm	167
6.0L 368 CID OHV 16V V8; Cadillac	1980-1984	3.800"/96.5mm x 4.060"/103.1mm	173
6.0L 364 CID OHV 16V V8	2005	4.000"/101.2mm x 3.620"/92.0mm	120
6.0L 5972 CC 365 CID OHV 16V V8	1956-1958	4.000"/101.6mm x 3.630"/92.1mm	172
6.0L 5967 CC 364 CID OHV 16V V8; Vortec	1999-2007	4.000"/101.6mm x 3.620"/92.0mm	121
6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2002	4.000"/101.6mm x 3.620"/92.0mm	168
6.0L 5967 CC 364 CID OHV 16V V8 LS2	2002-2009	4.000"/101.6mm x 3.620"/92.0mm	120
6.0L 5967 CC 364 CID OHV 16V V8 L76, LFA; Vortec	2007-2010	4.000"/101.6mm x 3.620"/92.0mm	120
6.0L 5967 CC 364 CID OHV 16V V8 L77, L96, LC8; Vortec	2013-2015	4.000"/101.6mm x 3.620"/92.0mm	122
6.0L 5967 CC 364 CID OHV 16V V8 L96, LZ1; Vortec	2010-2013	4.000"/101.6mm x 3.620"/92.0mm	135
6.0L 5967 CC 364 CID OHV 16V V8 L96; Vortec	2011-2013	4.000"/101.6mm x 3.620"/92.0mm	133
6.0L 5967 CC 364 CID OHV 16V V8 L96, LC8; Vortec	2011-2015	4.000"/101.6mm x 3.620"/92.0mm	169
6.0L 5967 CC 364 CID OHV 16V V8 LQ4; Vortec	2004-2007	4.000"/101.6mm x 3.620"/92.0mm	170
6.0L 5967 CC 364 CID OHV 16V V8 LQ9	2005-2006	4.000"/101.6mm x 3.620"/92.0mm	133



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ENGINE	YEAR	BORE & STROKE	BLOCK
6.0L 5967 CC 364 CID OHV 16V V8	1959	4.130"/104.8mm x 3.390"/86.1mm	171
6.1L 6081 CC 371 CID OHV 16V V8	1959-1960	4.000"/101.6mm x 3.690"/93.7mm	174
6.1L 6081 CC 371 CID OHV 16V V8 CE, CH	1959-1960	4.000"/101.6mm x 3.690"/93.7mm	175
6.1L 6064 CC 370 CID OHV 16V V8	1958	4.060"/103.1mm x 3.560"/90.5mm	132
6.2L 379 CID OHV 16V V8	1982-1993	3.980"/101.0mm x 3.820"/97.0mm	179
6.2L 6162 CC 376 CID OHV 16V V8 L86; EcoTec3	2014-2015	4.060"/103.2mm x 3.620"/92.0mm	134
6.2L 6162 CC 376 CID OHV 16V V8 L92; Vortec	2007-2008	4.060"/103.2mm x 3.620"/92.0mm	120
6.2L 6199 CC 378 CID OHV 16V V8 L92; Vortec	2007-2010	4.060"/103.2mm x 3.620"/92.0mm	135
6.2L 6162 CC 376 CID OHV 16V V8 L94, L9H; Vortec	2009-2014	4.060"/103.2mm x 3.620"/92.0mm	135
6.2L 6162 CC 376 CID OHV 16V V8 L94	2011-2013	4.060"/103.2mm x 3.620"/92.0mm	176
6.2L 6162 CC 376 CID OHV 16V V8 L99, LS3	2008-2015	4.060"/103.2mm x 3.620"/92.0mm	135
6.2L 6162 CC 376 CID OHV 16V V8 LS3	2014-2015	4.060"/103.2mm x 3.620"/92.0mm	122
6.2L 6162 CC 376 CID OHV 16V V8 LS9, LT1, LT4	2009-2015	4.060"/103.2mm x 3.620"/92.0mm	134
6.2L 6162 CC 376 CID OHV 16V V8 LS9	2010-2013	4.060"/103.2mm x 3.620"/92.0mm	177
6.2L 6162 CC 376 CID OHV 16V V8 LSA	2009-2015	4.060"/103.2mm x 3.620"/92.0mm	178
6.2L 376 CID OHV 16V V8 L9H; Vortec	2009	4.060"/103.3mm x 3.620"/92.0mm	133
6.2L 376 CID OHV 16V V8 LS3	2008-2009	4.060"/103.3mm x 3.620"/92.0mm	134
6.2L 6162 CC 376 CID OHV 16V V8 L92	2011-2012	4.070"/103.3mm x 3.620"/92.0mm	133
6.4L 6392 CC 390 CID OHV 16V V8 06K, 06X, 07K, 0QK, 0QX, 16K, 16X, 17K, 26K, 26X, 37X	1959-1963	4.000"/101.6mm x 3.880"/98.4mm	180
6.4L 6376 CC 389 CID OHV 16V V8 01A, 02A, 02B, 03B, 04B, 04L, 05A, 05L, 06B, 08B, 08R, 09R, 10A, 10B, 11B, 11H, 12H, 13H, 15H, 16K, 17H, 17M, 18K, 18M, 19M, 20L, 21L, 22B, 23B, 23H, 25J, 25K, 266, 26K, 27J, 27P, 28J, 28P, 29N, 336, 34N, 35M, 37M, 38P, 39N, 40R, 41M, 41R, 44M, 45P, 47N, 48N, 49N, 50N, 76X, 77J, 78X, 79J, A1, A2, A5, B1, B2, B4, B5, C0, C1, C4, E3, E7, F0, F1, F4, G4, H4, I9, K1, K5, L1, L5, M0, M1, M4, N1, N5, P1, P4, Q5, R19, R2, RC4, RCO, RM4, RMO, RV9, S1, S5, SE, T1, T5, U9, W3, W7, WA, WB, WC, WD, WE, WF, WS, WT, WV, WW, XA, XB, XE, XS, YA, YB, YC, YD, YE, YF, YG, YL, YN, YP, YR, YS, YU, YW, YX	1959-1966	4.060"/103.2mm x 3.750"/95.3mm	137
6.5L 395 CID OHV 16V V8	1992-2002	4.060"/103.0mm x 3.820"/97.0mm	179
6.5L 395 CID OHV 16V V8	2002	4.060"/103.0mm x 3.820"/97.0mm	181
6.5L 6468 CC 395 CID OHV 16V V8 L65	1999-2002	4.060"/103.0mm x 3.820"/97.0mm	179
6.5L 6489 CC 396 CID OHV 16V V8	1965-1969	4.090"/104.3mm x 3.770"/95.7mm	182
6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	4.090"/104.3mm x 3.770"/95.7mm	183
6.5L 6458 CC 394 CID OHV 16V V8 F, FE, FL, G, GE, GS, H, HE, HL, JE, JS	1961-1964	4.130"/104.8mm x 3.690"/93.7mm	175
6.6L 6555 CC 400 CID OHV 16V V8 QL, QR, QS, QT, QU, QW	1968-1969	3.870"/98.3mm x 4.250"/107.9mm	184
6.6L 6555 CC 400 CID OHV 16V V8 V, VG	1965-1967	4.000"/101.6mm x 3.970"/101.0mm	185
6.6L 6555 CC 400 CID OHV 16V V8 NR, PR, RR, RS	1967-1969	4.040"/102.6mm x 3.900"/99.0mm	186
6.6L 6555 CC 400 CID OHV 16V V8	1967-1969	4.120"/104.7mm x 3.750"/95.3mm	188
6.6L 6555 CC 400 CID OHV 16V V8 WE, WH, WK, WS, WT, WW, WX, XH, XJ, XV, XX, XZ, YB, YS, YX	1967-1971	4.120"/104.7mm x 3.750"/95.3mm	138
6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	4.120"/104.7mm x 3.750"/95.3mm	187
6.6L 6555 CC 400 CID OHV 16V V8 YZ	1970	4.120"/104.7mm x 3.750"/95.3mm	137
6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1970-1971	4.130"/104.8mm x 3.750"/95.2mm	190
6.6L 6555 CC 400 CID OHV 16V V8	1970-1971	4.130"/104.8mm x 3.750"/95.3mm	193
6.6L 6588 CC 402 CID OHV 16V V8	1970-1972	4.130"/104.8mm x 3.770"/95.7mm	183
6.6L 6555 CC 400 CID OHV 16V V8	1971	4.130"/104.8mm x 3.750"/95.3mm	197
6.6L 6555 CC 400 CID OHV 16V V8	1972	4.130"/104.8mm x 3.750"/95.3mm	194
6.6L 6588 CC 402 CID OHV 16V V8	1972	4.130"/104.8mm x 3.770"/95.7mm	202
6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1972-1974	4.130"/104.8mm x 3.750"/95.2mm	195
6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	4.130"/104.8mm x 3.750"/95.3mm	198



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ENGINE	YEAR	BORE & STROKE	BLOCK
6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	4.130"/104.8mm x 3.750"/95.3mm	199
6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1974	4.130"/104.8mm x 3.750"/95.2mm	189
6.6L 402 CID OHV 16V V8; Chevrolet	1975	4.130"/104.8mm x 3.750"/95.2mm	183
6.6L 400 CID OHV 16V V8; Chevrolet	1975-1976	4.130"/104.8mm x 3.750"/95.2mm	191
6.6L 400 CID OHV 16V V8; Pontiac	1975-1976	4.130"/104.8mm x 3.750"/95.2mm	192
6.6L 400 CID OHV 16V V8; Chevrolet	1975-1980	4.130"/104.8mm x 3.750"/95.2mm	189
6.6L 400 CID OHV 16V V8; Pontiac	1976-1979	4.130"/104.8mm x 3.750"/95.2mm	196
6.6L 6572 CC 401 CID OHV 16V V8 4G, 4I, JT, LT, MT	1959-1966	4.190"/106.4mm x 3.640"/92.5mm	171
6.6L 6572 CC 401 CID OHV 16V V8 2I, JR, JS, JU, KT, L2I, L4H, L4I, LV, MV	1961-1966	4.190"/106.4mm x 3.640"/92.5mm	200
6.6L 6555 CC 400 CID OHV 16V V8 LR, MR	1965-1966	4.190"/106.4mm x 3.640"/92.5mm	200
6.6L 403 CID OHV 16V V8; Oldsmobile	1977-1979	4.350"/110.5mm x 3.390"/86.0mm	111
6.6L 400 CID OHV 32V V8; Duramax	2006	4.060"/103.0mm x 3.900"/99.0mm	201
6.6L 6599 CC 403 CID OHV 32V V8 LB7, LBZ, LGH, LLY, LMM; Duramax	2001-2014	4.060"/103.0mm x 3.900"/99.0mm	203
6.6L 6599 CC 403 CID OHV 32V V8 LGH, LML; Duramax	2011-2013	4.060"/103.0mm x 3.900"/99.0mm	204
6.7L 6704 CC 409 CID OHV 16V V8	1961-1965	4.310"/109.5mm x 3.500"/88.9mm	145
6.9L 6900 CC 421 CID OHV 16V V8 08B, 125, 22B, 25G, 28G, 34J, 38S, 47Q, 47S, 49N, 50Q, WH, WJ, WK, YH, YK	1961-1966	4.090"/104.0mm x 4.000"/101.6mm	205
7.0L 425 CID OHV 16V V8; Cadillac	1977-1979	4.080"/103.7mm x 4.060"/103.1mm	173
7.0L 7014 CC 428 CID OHV 16V V8	1967-1969	4.120"/104.7mm x 4.000"/101.6mm	205
7.0L 7031 CC 429 CID OHV 16V V8	1965-1967	4.130"/104.8mm x 4.000"/101.6mm	208
7.0L 7011 CC 427 CID OHV 16V V8	2006-2012	4.130"/104.8mm x 4.000"/101.6mm	206
7.0L 7031 CC 429 CID OHV 16V V8 44K, 44X, 46K, 46X, 47K, 47X	1964	4.130"/104.8mm x 4.000"/101.6mm	180
7.0L 7011 CC 427 CID OHV 16V V8 LS7	2013	4.130"/104.8mm x 4.000"/101.6mm	207
7.0L 6966 CC 425 CID OHV 16V V8 M, ME, ML, N, NE, NS, NT, PE, PL, R, RE	1965-1967	4.130"/104.8mm x 3.980"/101.0mm	185
7.0L 6966 CC 425 CID OHV 16V V8 RT	1967	4.130"/104.8mm x 3.980"/101.0mm	184
7.0L 7047 CC 430 CID OHV 16V V8 MD, ND, PD, RD	1967-1969	4.190"/106.4mm x 3.900"/99.1mm	209
7.0L 7047 CC 430 CID OHV 16V V8 RO	1969	4.190"/106.4mm x 3.900"/99.1mm	186
7.0L 6998 CC 427 CID OHV 16V V8	1966-1969	4.250"/108.0mm x 3.770"/95.7mm	182
7.0L 6998 CC 427 CID OHV 16V V8	1967-1969	4.250"/108.0mm x 3.770"/95.7mm	183
7.0L 6966 CC 425 CID OHV 16V V8 JW, KW, KX, LW, LX, MW, MZ	1963-1966	4.310"/109.6mm x 3.640"/92.5mm	200
7.4L 7442 CC 454 CID OHV 16V V8 L19	1996	4.250"/108.0mm x 4.000"/101.6mm	210
7.4L 7439 CC 454 CID OHV 16V V8	1970-1971	4.250"/108.0mm x 4.000"/101.6mm	183
7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1970-1974	4.250"/108.0mm x 4.000"/101.6mm	202
7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1970-1974	4.250"/108.0mm x 4.000"/101.6mm	211
7.4L 7439 CC 454 CID OHV 16V V8	1972-1974	4.250"/108.0mm x 4.000"/101.6mm	202
7.4L 454 CID OHV 16V V8; Chevrolet	1975-1980	4.250"/108.0mm x 4.000"/101.6mm	202
7.4L 454 CID OHV 16V V8	1975-1997	4.250"/108.0mm x 4.000"/101.6mm	202
7.4L 454 CID OHV 16V V8	1980-1989	4.250"/108.0mm x 4.000"/101.6mm	212
7.4L 454 CID OHV 16V V8; Vortec	1996-2000	4.250"/108.0mm x 4.000"/101.6mm	202
7.5L 7456 CC 455 CID OHV 16V V8 TA, TL, TN, TP, TQ, TS, TT, TU, TV, UL, UN, US, UT, UW, UX	1968-1974	4.130"/104.8mm x 4.250"/108.0mm	184
7.5L 7457 CC 455 CID OHV 16V V8; Oldsmobile	1972-1974	4.130"/104.8mm x 4.250"/108.0mm	184
7.5L 7456 CC 455 CID OHV 16V V8 UA, UB, UJ	1968-1970	4.130"/104.8mm x 4.250"/108.0mm	185
7.5L 7456 CC 455 CID OHV 16V V8 WA, WC, WG, WJ, XF, YA, YC, YH	1970-1974	4.150"/105.4mm x 4.210"/107.0mm	213
7.5L 7456 CC 455 CID OHV 16V V8 WC, WL, YA, YE; HO	1971-1972	4.150"/105.4mm x 4.210"/107.0mm	213
7.5L 7457 CC 455 CID OHV 16V V8; Pontiac	1972-1974	4.150"/105.4mm x 4.210"/107.0mm	213
7.5L 7456 CC 455 CID OHV 16V V8; Super Duty	1973-1974	4.150"/105.4mm x 4.210"/107.0mm	213
7.5L 455 CID OHV 16V V8; Pontiac	1975-1976	4.150"/105.4mm x 4.210"/107.0mm	213



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ENGINE	YEAR	BORE & STROKE	BLOCK
7.5L 455 CID OHV 16V V8; Oldsmobile	1975-1976	4.150"/105.4mm x 4.210"/107.0mm	214
7.5L 455 CID OHV 16V V8; Oldsmobile	1976	4.150"/105.4mm x 4.210"/107.0mm	215
7.5L 7456 CC 455 CID OHV 16V V8 WG, YG	1971	4.150"/105.4mm x 4.210"/107.0mm	205
7.5L 7456 CC 455 CID OHV 16V V8 SF, SR, SS, TA, TR, TS	1970-1974	4.310"/109.5mm x 3.900"/99.0mm	209
7.7L 7735 CC 472 CID OHV 16V V8	1968-1974	4.300"/109.2mm x 4.060"/103.1mm	173
8.1L 496 CID OHV 16V V8; Vortec	2001-2003	4.250"/108.0mm x 4.370"/111.0mm	197
8.1L 496 CID OHV 16V V8; Vortec	2001-2007	4.250"/108.0mm x 4.370"/111.0mm	216
8.2L 8193 CC 500 CID OHV 16V V8	1970-1974	4.300"/109.2mm x 4.300"/109.2mm	173
8.2L 8193 CC 500 CID OHV 16V V8	1971	4.300"/109.2mm x 4.300"/109.2mm	217
8.2L 8195 CC 500 CID OHV 16V V8; Cadillac	1972-1974	4.300"/109.2mm x 4.300"/109.2mm	173
8.2L 500 CID OHV 16V V8; Cadillac	1975-1976	4.300"/109.2mm x 4.300"/109.2mm	173

MODEL	ENGINE	YEAR	BLOCK
100	5.5L 5522 CC 337 CID OHV 16V V8	1959	144
1000	4.1L 4097 CC 250 CID OHV 12V L6	1966	93
1000	5.0L 5012 CC 305 CID OHV 12V V6	1966	107
1000 Series	3.8L 3769 CC 230 CID OHV 12V L6	1963-1965	61
1000 Series	4.3L 4278 CC 261 CID OHV 12V L6	1961-1962	88
1000 Series	4.6L 4638 CC 283 CID OHV 16V V8	1960-1963	115
1000 Series	4.8L 4801 CC 292 CID OHV 12V L6	1963-1965	103
1000 Series	5.0L 5012 CC 305 CID OHV 12V V6	1960-1965	107
1000 Series	5.7L 5753 CC 351 CID OHV 12V V6	1965	107
150	5.5L 5522 CC 337 CID OHV 16V V8	1959	144
1500	3.8L 3852 CC 235 CID OHV 12V L6	1954	89
1500	4.1L 4097 CC 250 CID OHV 12V L6	1966	93
1500 Series	3.8L 3769 CC 230 CID OHV 12V L6	1963-1965	61
1500 Series	4.3L 4278 CC 261 CID OHV 12V L6	1961-1962	88
1500 Series	4.6L 4638 CC 283 CID OHV 16V V8	1960-1963	115
1500 Series	4.8L 4801 CC 292 CID OHV 12V L6	1963-1965	103
1500 Series	5.0L 5012 CC 305 CID OHV 12V V6	1960-1965	107
1500 Series	5.7L 5753 CC 351 CID OHV 12V V6	1965	107
250	5.5L 5522 CC 337 CID OHV 16V V8	1959	144
2500	4.1L 4097 CC 250 CID OHV 12V L6	1966	93
2500 Series	3.8L 3769 CC 230 CID OHV 12V L6	1963-1965	61
2500 Series	4.3L 4278 CC 261 CID OHV 12V L6	1961-1962	88
2500 Series	4.6L 4638 CC 283 CID OHV 16V V8	1960-1963	115
2500 Series	4.8L 4801 CC 292 CID OHV 12V L6	1963-1965	103
2500 Series	5.0L 5012 CC 305 CID OHV 12V V6	1960-1965	107
2500 Series	5.7L 5753 CC 351 CID OHV 12V V6	1965	107
300	5.5L 5522 CC 337 CID OHV 16V V8	1959	144
3000	3.8L 3769 CC 230 CID OHV 12V L6	1963-1965	61
3000	4.1L 4097 CC 250 CID OHV 12V L6	1966	93
3000	4.3L 4278 CC 261 CID OHV 12V L6	1961-1962	88
3000	4.6L 4638 CC 283 CID OHV 16V V8	1960-1966	115
3000	4.8L 4801 CC 292 CID OHV 12V L6	1963-1966	103
3000	5.0L 5012 CC 305 CID OHV 12V V6	1960-1966	107
3000	5.7L 5753 CC 351 CID OHV 12V V6	1965-1966	107



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MODEL	ENGINE	YEAR	BLOCK
3500	3.8L 3769 CC 230 CID OHV 12V L6	1963-1965	61
3500	4.1L 4097 CC 250 CID OHV 12V L6	1966	93
3500	4.3L 4278 CC 261 CID OHV 12V L6	1961-1962	88
3500	4.6L 4638 CC 283 CID OHV 16V V8	1960-1966	115
3500	4.8L 4801 CC 292 CID OHV 12V L6	1963-1966	103
3500	5.0L 5012 CC 305 CID OHV 12V V6	1960-1966	107
3500	5.7L 5753 CC 351 CID OHV 12V V6	1965-1966	107
350-8	5.5L 5522 CC 337 CID OHV 16V V8	1959	144
370	5.5L 5522 CC 337 CID OHV 16V V8	1959	144
3B	3.8L 3852 CC 235 CID OHV 12V L6	1959	89
3B	4.6L 4638 CC 283 CID OHV 16V V8	1959	115
3C	3.8L 3852 CC 235 CID OHV 12V L6	1959	89
3C	4.6L 4638 CC 283 CID OHV 16V V8	1959	115
3D	3.8L 3852 CC 235 CID OHV 12V L6	1959	89
3D	4.6L 4638 CC 283 CID OHV 16V V8	1959	115
3E	3.8L 3852 CC 235 CID OHV 12V L6	1959	89
3E	4.6L 4638 CC 283 CID OHV 16V V8	1959	115
3F	3.8L 3852 CC 235 CID OHV 12V L6	1959	89
3F	4.6L 4638 CC 283 CID OHV 16V V8	1959	115
3G	3.8L 3852 CC 235 CID OHV 12V L6	1959	89
3G	4.6L 4638 CC 283 CID OHV 16V V8	1959	115
442	5.4L 5409 CC 330 CID OHV 16V V8	1964	141
442	6.6L 6555 CC 400 CID OHV 16V V8	1965-1967	185
442	6.6L 6555 CC 400 CID OHV 16V V8	1968-1969	184
442	7.5L 7456 CC 455 CID OHV 16V V8	1968-1971	184
6000	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1982-1991	44
6000	2.8L 173 CID OHV 12V V6; Chevrolet	1982-1986	55
6000	2.8L 173 CID OHV 12V V6; Chevrolet	1983-1984	56
6000	2.8L 173 CID OHV 12V V6; Chevrolet	1987-1989	57
6000	3.1L 189 CID OHV 12V V6; Chevrolet	1988-1991	57
60 Special	4.9L 300 CID OHV 16V V8; Cadillac	1993	110
88	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1992-1994	85
88	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1995	87
88	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1995-1999	86
98	3.0L 181 CID OHV 12V V6; Buick	1985	59
98	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1985-1987	59
98	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1986	84
98	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1988-1990	65
98	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1991-1994	85
98	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1992-1995	87
98	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1995-1996	86
98	4.1L 252 CID OHV 12V V6; Buick	1981-1983	94
98	5.0L 307 CID OHV 16V V8; Oldsmobile	1980-1984	129
98	5.7L 350 CID OHV 16V V8; Oldsmobile	1977-1980	166
98	5.7L 350 CID OHV 16V V8; Oldsmobile	1978-1984	161
98	6.1L 6081 CC 371 CID OHV 16V V8	1959	174
98	6.5L 6458 CC 394 CID OHV 16V V8	1961-1964	175
98	6.6L 400 CID OHV 16V V8; Pontiac	1975	192
98	6.6L 403 CID OHV 16V V8; Oldsmobile	1977-1979	111
98	7.0L 6966 CC 425 CID OHV 16V V8	1965-1967	185



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MODEL	ENGINE	YEAR	BLOCK
98	7.5L 455 CID OHV 16V V8; Oldsmobile	1975-1976	214
98	7.5L 7456 CC 455 CID OHV 16V V8	1968-1974	184
98	7.5L 7457 CC 455 CID OHV 16V V8; Oldsmobile	1972-1974	184
Acadia	3.6L 217 CID DOHC 24V V6	2007-2011	54
Achieva	2.3L 138 CID SOHC 8V L4; Quad 4	1992-1994	34
Achieva	2.3L 138 CID DOHC 16V L4; Quad 4	1992-1995	35
Achieva	2.3L 140 CID DOHC 16V L4; Quad 4	1992-1994	36
Achieva	2.4L 2392 CC 146 CID DOHC 16V L4; Oldsmobile	1996-1998	40
Achieva	3.1L 189 CID OHV 12V V6; Chevrolet	1994-1998	57
Achieva	3.3L 204 CID OHV 12V V6; Buick	1992-1993	65
Alero	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2002-2004	30
Alero	2.4L 2392 CC 146 CID DOHC 16V L4; Oldsmobile	1999-2001	40
Alero	3.4L 207 CID OHV 12V V6; Chevrolet	1999-2004	57
Allante	4.1L 250 CID OHV 16V V8; Cadillac	1987-1988	110
Allante	4.5L 273 CID OHV 16V V8; Cadillac	1989-1992	110
Allante	4.6L 281 CID DOHC 32V V8; Northstar	1993	109
Allure	2.4L 2384 CC 145 CID DOHC 16V L4; Ecotec	2010	38
Allure	3.6L 217 CID DOHC 24V V6	2005-2010	54
Allure	3.8L 3800 CC 231 CID OHV 12V V6; Buick	2005-2009	82
Allure	5.3L 5328 CC 325 CID OHV 16V V8	2008-2009	120
Apollo	4.1L 250 CID OHV 12V L6; Chevrolet	1975	90
Apollo	4.1L 4097 CC 250 CID OHV 12V L6	1973-1974	90
Apollo	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1973-1974	90
Apollo	4.3L 260 CID OHV 16V V8; Oldsmobile	1975	112
Apollo	5.7L 350 CID OHV 16V V8; Oldsmobile	1975	148
Apollo	5.7L 350 CID OHV 16V V8; Oldsmobile	1975	150
Apollo	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	146
Astre	2.3L 2294 CC 140 CID SOHC 8V L4; Chevrolet	1975-1977	14
Astre	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1977	42
Astro	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1985-1990	43
Astro	4.3L 262 CID OHV 12V V6; Chevrolet	1985-1991	100
Astro	4.3L 262 CID OHV 12V V6; Chevrolet	1986-2005	99
Aura	2.4L 145 CID DOHC 16V L4; Ecotec	2007-2010	22
Aura	3.5L 3490 CC 213 CID OHV 12V V6	2007-2008	72
Aura	3.6L 217 CID DOHC 24V V6	2007-2009	54
Aurora	3.5L 214 CID DOHC 24V V6; Oldsmobile	2001-2002	73
Aurora	4.0L 244 CID DOHC 32V V8; Oldsmobile	1995-2003	109
Avalanche	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2007-2013	133
Avalanche	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2007-2013	135
Avalanche	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2007-2009	120
Avalanche 1500	5.3L 323 CID OHV 16V V8; Vortec	2002-2005	133
Avalanche 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2002-2006	121
Avalanche 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2005-2006	120
Avalanche 2500	8.1L 496 CID OHV 16V V8; Vortec	2002-2006	216
Aveo	1.6L 1598 CC 98 CID DOHC 16V L4	2004-2008	8
Aveo5	1.6L 1598 CC 98 CID DOHC 16V L4	2007-2008	8
Aztek	3.4L 207 CID OHV 12V V6; Chevrolet	2001-2005	57
B3500	5.0L 5012 CC 305 CID OHV 12V V6	1964-1965	107
B3500	5.7L 5753 CC 351 CID OHV 12V V6	1965	107
Beaumont	6.5L 6489 CC 396 CID OHV 16V V8	1965-1966	182

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MODEL	ENGINE	YEAR	BLOCK
Bel Air	3.8L 3769 CC 230 CID OHV 12V L6	1963-1965	61
Bel Air	3.8L 3852 CC 235 CID OHV 12V L6	1953-1962	89
Bel Air	4.1L 4097 CC 250 CID OHV 12V L6	1966-1971	93
Bel Air	4.1L 4097 CC 250 CID OHV 12V L6	1972-1973	90
Bel Air	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1965-1971	93
Bel Air	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1973	90
Bel Air	4.3L 4343 CC 265 CID OHV 16V V8	1955-1957	115
Bel Air	4.6L 4638 CC 283 CID OHV 16V V8	1957-1967	115
Bel Air	5.0L 5031 CC 307 CID OHV 16V V8	1968	131
Bel Air	5.3L 5358 CC 327 CID OHV 16V V8	1962-1969	140
Bel Air	5.7L 5704 CC 348 CID OHV 16V V8	1958-1961	145
Bel Air	5.7L 350 CID OHV 16V V8; Oldsmobile	1975	134
Bel Air	5.7L 350 CID OHV 16V V8; Chevrolet	1975	158
Bel Air	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	128
Bel Air	5.7L 5736 CC 350 CID OHV 16V V8	1972-1974	127
Bel Air	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
Bel Air	6.5L 6489 CC 396 CID OHV 16V V8	1965-1968	182
Bel Air	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
Bel Air	6.6L 400 CID OHV 16V V8; Chevrolet	1975	189
Bel Air	6.6L 6555 CC 400 CID OHV 16V V8	1970-1971	193
Bel Air	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	199
Bel Air	6.6L 6555 CC 400 CID OHV 16V V8	1973-1974	198
Bel Air	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1970-1971	190
Bel Air	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1972-1974	195
Bel Air	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1974	189
Bel Air	6.6L 6588 CC 402 CID OHV 16V V8	1970-1971	183
Bel Air	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
Bel Air	6.7L 6704 CC 409 CID OHV 16V V8	1961-1965	145
Bel Air	7.0L 6998 CC 427 CID OHV 16V V8	1966-1969	182
Bel Air	7.4L 454 CID OHV 16V V8; Chevrolet	1975	202
Bel Air	7.4L 7439 CC 454 CID OHV 16V V8	1970-1971	183
Bel Air	7.4L 7439 CC 454 CID OHV 16V V8	1972-1974	202
Bel Air	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1970-1974	202
Beretta	2.0L 122 CID OHV 8V L4; Chevrolet	1987-1989	20
Beretta	2.2L 134 CID OHV 8V L4; Chevrolet	1990-1991	18
Beretta	2.2L 2190 CC 134 CID OHV 8V L4; Vortec	1992-1996	18
Beretta	2.3L 140 CID DOHC 16V L4; Quad 4	1990-1994	36
Beretta	2.8L 173 CID OHV 12V V6; Chevrolet	1987-1989	57
Beretta	3.1L 189 CID OHV 12V V6; Chevrolet	1990-1996	57
Biscayne	3.8L 3769 CC 230 CID OHV 12V L6	1963-1965	61
Biscayne	3.8L 3852 CC 235 CID OHV 12V L6	1958-1962	89
Biscayne	4.1L 4097 CC 250 CID OHV 12V L6	1966-1971	93
Biscayne	4.1L 4097 CC 250 CID OHV 12V L6	1972	90
Biscayne	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1966-1971	93
Biscayne	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972	90
Biscayne	4.6L 4638 CC 283 CID OHV 16V V8	1958-1967	115
Biscayne	5.0L 5031 CC 307 CID OHV 16V V8	1968	131
Biscayne	5.3L 5358 CC 327 CID OHV 16V V8	1962-1969	140
Biscayne	5.7L 5704 CC 348 CID OHV 16V V8	1958-1961	145
Biscayne	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	128



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MODEL	ENGINE	YEAR	BLOCK
Biscayne	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
Biscayne	6.5L 6489 CC 396 CID OHV 16V V8	1965-1968	182
Biscayne	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
Biscayne	6.6L 6555 CC 400 CID OHV 16V V8	1970-1971	193
Biscayne	6.6L 6555 CC 400 CID OHV 16V V8	1972	199
Biscayne	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1970-1971	190
Biscayne	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1972	195
Biscayne	6.6L 6588 CC 402 CID OHV 16V V8	1970-1971	183
Biscayne	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
Biscayne	6.7L 6704 CC 409 CID OHV 16V V8	1961-1965	145
Biscayne	7.0L 6998 CC 427 CID OHV 16V V8	1966-1969	182
Biscayne	7.4L 7439 CC 454 CID OHV 16V V8	1970-1971	183
Biscayne	7.4L 7439 CC 454 CID OHV 16V V8	1972	202
Biscayne	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1970-1972	202
Blazer	4.1L 4097 CC 250 CID OHV 12V L6	1969-1971	91
Blazer	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
Blazer	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
Blazer	4.3L 262 CID OHV 12V V6; Chevrolet	1995-2005	99
Blazer	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1973	104
Blazer	4.8L 4801 CC 292 CID OHV 12V L6	1969-1972	103
Blazer	4.8L 4801 CC 292 CID OHV 12V L6	1972-1974	104
Blazer	5.0L 305 CID OHV 16V V8; Chevrolet	1987	127
Blazer	5.0L 5031 CC 307 CID OHV 16V V8	1969-1973	130
Blazer	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
Blazer	5.7L 350 CID OHV 16V V8; Chevrolet	1987-1994	127
Blazer	5.7L 5736 CC 350 CID OHV 16V V8	1969-1972	114
Blazer	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
Blazer	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1973-1974	157
Blazer	6.2L 379 CID OHV 16V V8	1987-1991	179
Blazer	6.5L 395 CID OHV 16V V8	1994	179
Blazer	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
Blazer	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973	202
Bonneville	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1980-1988	59
Bonneville	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1988-1991	65
Bonneville	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1992-1994	85
Bonneville	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1992-2003	87
Bonneville	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1995-1996	83
Bonneville	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1995-2005	86
Bonneville	4.1L 252 CID OHV 12V V6; Buick	1982	94
Bonneville	4.3L 262 CID OHV 12V V6; Chevrolet	1986	99
Bonneville	4.3L 265 CID OHV 16V V8; Pontiac	1980-1981	116
Bonneville	4.6L 281 CID DOHC 32V V8; Northstar	2004-2005	109
Bonneville	4.9L 301 CID OHV 16V V8; Pontiac	1977-1980	116
Bonneville	5.0L 305 CID OHV 16V V8; Chevrolet	1983-1986	127
Bonneville	5.0L 307 CID OHV 16V V8; Oldsmobile	1981	129
Bonneville	5.7L 350 CID OHV 16V V8; Oldsmobile	1977	151
Bonneville	5.7L 350 CID OHV 16V V8; Oldsmobile	1977-1980	166
Bonneville	5.7L 350 CID OHV 16V V8; Buick	1978-1980	146
Bonneville	5.7L 350 CID OHV 16V V8; Oldsmobile	1980-1984	161
Bonneville	5.7L 5733 CC 350 CID OHV 16V V8	1971	154

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MODEL	ENGINE	YEAR	BLOCK
Bonneville	5.7L 5733 CC 350 CID OHV 16V V8	1974	149
Bonneville	6.1L 6064 CC 370 CID OHV 16V V8	1958	132
Bonneville	6.4L 6376 CC 389 CID OHV 16V V8	1959-1966	137
Bonneville	6.6L 400 CID OHV 16V V8; Chevrolet	1975	191
Bonneville	6.6L 400 CID OHV 16V V8; Pontiac	1975	192
Bonneville	6.6L 400 CID OHV 16V V8; Pontiac	1976-1978	196
Bonneville	6.6L 6555 CC 400 CID OHV 16V V8	1967-1969	188
Bonneville	6.6L 6555 CC 400 CID OHV 16V V8	1967-1971	138
Bonneville	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	187
Bonneville	6.6L 403 CID OHV 16V V8; Oldsmobile	1977-1979	111
Bonneville	6.9L 6900 CC 421 CID OHV 16V V8	1963-1966	205
Bonneville	7.0L 7014 CC 428 CID OHV 16V V8	1967-1969	205
Bonneville	7.5L 455 CID OHV 16V V8; Pontiac	1975-1976	213
Bonneville	7.5L 7456 CC 455 CID OHV 16V V8	1970-1974	213
Bonneville	7.5L 7456 CC 455 CID OHV 16V V8	1971	205
Bonneville	7.5L 7457 CC 455 CID OHV 16V V8; Pontiac	1973-1974	213
Bravada	4.2L 256 CID DOHC 24V L6; Vortec	2002-2004	95
Bravada	4.3L 262 CID OHV 12V V6; Chevrolet	1991-2001	99
Brookwood	3.8L 3852 CC 235 CID OHV 12V L6	1959-1961	89
Brookwood	4.1L 4097 CC 250 CID OHV 12V L6	1969-1971	93
Brookwood	4.1L 4097 CC 250 CID OHV 12V L6	1972	90
Brookwood	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1969	93
Brookwood	4.6L 4638 CC 283 CID OHV 16V V8	1959-1961	115
Brookwood	5.0L 5031 CC 307 CID OHV 16V V8	1969-1972	131
Brookwood	5.0L 5031 CC 307 CID OHV 16V V8	1971	128
Brookwood	5.3L 5358 CC 327 CID OHV 16V V8	1969	140
Brookwood	5.7L 5704 CC 348 CID OHV 16V V8	1959-1961	145
Brookwood	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	128
Brookwood	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
Brookwood	6.5L 6489 CC 396 CID OHV 16V V8	1969	183
Brookwood	6.6L 6555 CC 400 CID OHV 16V V8	1970-1971	193
Brookwood	6.6L 6555 CC 400 CID OHV 16V V8	1972	199
Brookwood	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1970	190
Brookwood	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1972	195
Brookwood	6.6L 6588 CC 402 CID OHV 16V V8	1970-1971	183
Brookwood	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
Brookwood	6.7L 6704 CC 409 CID OHV 16V V8	1961	145
Brookwood	7.0L 6998 CC 427 CID OHV 16V V8	1969	182
Brookwood	7.4L 7439 CC 454 CID OHV 16V V8	1970-1971	183
Brookwood	7.4L 7439 CC 454 CID OHV 16V V8	1972	202
Brougham	5.0L 305 CID OHV 16V V8; Chevrolet	1991-1992	127
Brougham	5.0L 307 CID OHV 16V V8; Oldsmobile	1987-1990	111
Brougham	5.0L 307 CID OHV 16V V8; Oldsmobile	1987-1990	129
Brougham	5.7L 350 CID OHV 16V V8; Chevrolet	1990-1992	127
C10	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1984	90
C10	4.3L 262 CID OHV 12V V6; Chevrolet	1985-1986	100
C10	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1980	104
C10	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1986	127
C10	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1986	127
C10	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1986	158



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MODEL	ENGINE	YEAR	BLOCK
C10	5.7L 350 CID OHV 16V V8; Oldsmobile	1978-1981	163
C10	5.7L 5735 CC 350 CID OHV 16V V8; Chevrolet	1981	127
C10	6.2L 379 CID OHV 16V V8	1982-1986	179
C10	6.6L 400 CID OHV 16V V8; Chevrolet	1976-1980	189
C10	7.4L 454 CID OHV 16V V8; Chevrolet	1975-1980	202
C10	7.4L 454 CID OHV 16V V8	1980	212
C10 Panel	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1966-1967	93
C10 Pickup	3.8L 3769 CC 230 CID OHV 12V L6	1963-1969	61
C10 Pickup	3.8L 3852 CC 235 CID OHV 12V L6	1960-1962	89
C10 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1966-1967	93
C10 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1968-1972	91
C10 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
C10 Pickup	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1966-1967	93
C10 Pickup	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
C10 Pickup	4.3L 4278 CC 261 CID OHV 12V L6	1961-1962	88
C10 Pickup	4.6L 4638 CC 283 CID OHV 16V V8	1960-1967	115
C10 Pickup	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1973-1974	104
C10 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1963	105
C10 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1963-1972	103
C10 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1972-1974	104
C10 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	130
C10 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
C10 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1966-1969	140
C10 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1968	139
C10 Pickup	5.7L 5704 CC 348 CID OHV 16V V8	1960	145
C10 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	114
C10 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1969-1974	157
C10 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
C10 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
C10 Pickup	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
C10 Pickup	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
C10 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1970-1972	183
C10 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
C10 Pickup	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
C10 Pickup	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973-1974	202
C10 Suburban	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1980	90
C10 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1967	93
C10 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1968-1972	91
C10 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
C10 Suburban	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
C10 Suburban	4.6L 4638 CC 283 CID OHV 16V V8	1967	115
C10 Suburban	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1973-1974	104
C10 Suburban	4.8L 4801 CC 292 CID OHV 12V L6	1967-1972	103
C10 Suburban	4.8L 4801 CC 292 CID OHV 12V L6	1972-1974	104
C10 Suburban	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1986	127
C10 Suburban	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	130
C10 Suburban	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
C10 Suburban	5.3L 5358 CC 327 CID OHV 16V V8	1967-1969	140
C10 Suburban	5.3L 5358 CC 327 CID OHV 16V V8	1968	139
C10 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1986	127

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MODEL	ENGINE	YEAR	BLOCK
C10 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1986	158
C10 Suburban	5.7L 350 CID OHV 16V V8; Oldsmobile	1978-1980	163
C10 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	114
C10 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1969-1974	157
C10 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
C10 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
C10 Suburban	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
C10 Suburban	6.2L 379 CID OHV 16V V8	1982-1986	179
C10 Suburban	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
C10 Suburban	6.6L 6588 CC 402 CID OHV 16V V8	1970-1972	183
C10 Suburban	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
C10 Suburban	7.4L 454 CID OHV 16V V8; Chevrolet	1975-1980	202
C10 Suburban	7.4L 454 CID OHV 16V V8	1980	212
C10 Suburban	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
C10 Suburban	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973-1974	202
C15	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1978	90
C15	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1978	104
C15	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1978	127
C15	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1976	127
C15	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1978	158
C15	5.7L 350 CID OHV 16V V8; Oldsmobile	1978	163
C15	6.6L 400 CID OHV 16V V8; Chevrolet	1976-1978	189
C15	7.4L 454 CID OHV 16V V8; Chevrolet	1975-1978	202
C15/C1500 Pickup	3.8L 3769 CC 230 CID OHV 12V L6	1967-1969	61
C15/C1500 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1967	93
C15/C1500 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1968-1972	91
C15/C1500 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
C15/C1500 Pickup	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1967	93
C15/C1500 Pickup	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
C15/C1500 Pickup	4.6L 4638 CC 283 CID OHV 16V V8	1967	115
C15/C1500 Pickup	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1973-1974	104
C15/C1500 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1967-1972	103
C15/C1500 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1972-1974	104
C15/C1500 Pickup	5.0L 5012 CC 305 CID OHV 12V V6	1967-1969	107
C15/C1500 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	130
C15/C1500 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
C15/C1500 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1967-1968	140
C15/C1500 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1968	139
C15/C1500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	114
C15/C1500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1969-1974	157
C15/C1500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
C15/C1500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
C15/C1500 Pickup	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
C15/C1500 Pickup	5.7L 5753 CC 351 CID OHV 12V V6	1967-1968	107
C15/C1500 Pickup	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
C15/C1500 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1972	183
C15/C1500 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
C15/C1500 Pickup	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
C15/C1500 Pickup	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973-1974	202
C15/C1500 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1967	93



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MODEL	ENGINE	YEAR	BLOCK
C15/C1500 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1968-1972	91
C15/C1500 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
C15/C1500 Suburban	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
C15/C1500 Suburban	4.6L 4638 CC 283 CID OHV 16V V8	1967	115
C15/C1500 Suburban	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1973-1974	104
C15/C1500 Suburban	4.8L 4801 CC 292 CID OHV 12V L6	1967-1972	103
C15/C1500 Suburban	4.8L 4801 CC 292 CID OHV 12V L6	1972-1974	104
C15/C1500 Suburban	5.0L 5012 CC 305 CID OHV 12V V6	1967-1969	107
C15/C1500 Suburban	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	130
C15/C1500 Suburban	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
C15/C1500 Suburban	5.3L 5358 CC 327 CID OHV 16V V8	1967-1968	140
C15/C1500 Suburban	5.3L 5358 CC 327 CID OHV 16V V8	1968	139
C15/C1500 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	114
C15/C1500 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1969-1974	157
C15/C1500 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
C15/C1500 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
C15/C1500 Suburban	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
C15/C1500 Suburban	5.7L 5753 CC 351 CID OHV 12V V6	1968	107
C15/C1500 Suburban	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
C15/C1500 Suburban	6.6L 6588 CC 402 CID OHV 16V V8	1972	183
C15/C1500 Suburban	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
C15/C1500 Suburban	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
C15/C1500 Suburban	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973-1974	202
C1500	4.1L 250 CID OHV 12V L6; Chevrolet	1979-1984	90
C1500	4.3L 262 CID OHV 12V V6; Chevrolet	1985-1986	100
C1500	4.3L 262 CID OHV 12V V6; Chevrolet	1988-1998	99
C1500	4.8L 292 CID OHV 12V L6; Chevrolet	1979-1980	104
C1500	5.0L 305 CID OHV 16V V8; Chevrolet	1979-1995	127
C1500	5.0L 305 CID OHV 16V V8; Vortec	1996-1999	128
C1500	5.7L 350 CID OHV 16V V8; Oldsmobile	1979-1981	163
C1500	5.7L 350 CID OHV 16V V8; Chevrolet	1979-1986	158
C1500	5.7L 350 CID OHV 16V V8; Chevrolet	1979-1999	127
C1500	6.2L 379 CID OHV 16V V8	1982-1993	179
C1500	6.5L 395 CID OHV 16V V8	1994-1998	179
C1500	6.6L 400 CID OHV 16V V8; Chevrolet	1979-1980	189
C1500	7.4L 454 CID OHV 16V V8; Chevrolet	1979-1993	202
C1500	7.4L 454 CID OHV 16V V8	1980	212
C1500 Suburban	4.1L 250 CID OHV 12V L6; Chevrolet	1979-1980	90
C1500 Suburban	5.0L 305 CID OHV 16V V8; Chevrolet	1979-1986	127
C1500 Suburban	5.7L 350 CID OHV 16V V8; Oldsmobile	1979-1981	163
C1500 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1979-1986	158
C1500 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1980-1999	127
C1500 Suburban	6.2L 379 CID OHV 16V V8	1982-1986	179
C1500 Suburban	6.5L 395 CID OHV 16V V8	1995-1999	179
C1500 Suburban	7.4L 454 CID OHV 16V V8; Chevrolet	1979-1980	202
C1500 Suburban	7.4L 454 CID OHV 16V V8	1980	212
C15 Suburban	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1978	90
C15 Suburban	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1978	127
C15 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1976	127
C15 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1978	158

GENERAL MOTORS CORP

MODEL	ENGINE	YEAR	BLOCK
C15 Suburban	5.7L 350 CID OHV 16V V8; Oldsmobile	1978	163
C15 Suburban	7.4L 454 CID OHV 16V V8; Chevrolet	1975-1978	202
C20	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1984	90
C20	4.3L 262 CID OHV 12V V6; Chevrolet	1985-1986	100
C20	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1986	104
C20	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1986	127
C20	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1986	127
C20	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1986	158
C20	6.2L 379 CID OHV 16V V8	1982-1986	179
C20	6.6L 400 CID OHV 16V V8; Chevrolet	1976-1980	189
C20	7.4L 454 CID OHV 16V V8; Chevrolet	1975-1980	202
C20	7.4L 454 CID OHV 16V V8	1980-1986	212
C20 Panel	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1967	93
C20 Pickup	3.8L 3769 CC 230 CID OHV 12V L6	1963-1965	61
C20 Pickup	3.8L 3852 CC 235 CID OHV 12V L6	1960-1962	89
C20 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1966-1967	93
C20 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1968-1972	91
C20 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
C20 Pickup	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1966-1967	93
C20 Pickup	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
C20 Pickup	4.3L 4278 CC 261 CID OHV 12V L6	1961-1962	88
C20 Pickup	4.6L 4638 CC 283 CID OHV 16V V8	1960-1967	115
C20 Pickup	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1973-1974	104
C20 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1963	105
C20 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1963-1972	103
C20 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1972-1974	104
C20 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	130
C20 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
C20 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1966-1969	140
C20 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1968	139
C20 Pickup	5.7L 5704 CC 348 CID OHV 16V V8	1960	145
C20 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	114
C20 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1969-1974	157
C20 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
C20 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
C20 Pickup	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
C20 Pickup	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
C20 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1970-1972	183
C20 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
C20 Pickup	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
C20 Pickup	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973-1974	202
C20 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1967	93
C20 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1968-1972	91
C20 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
C20 Suburban	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
C20 Suburban	4.6L 4638 CC 283 CID OHV 16V V8	1967	115
C20 Suburban	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1982	104
C20 Suburban	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1973-1974	104
C20 Suburban	4.8L 4801 CC 292 CID OHV 12V L6	1967-1972	103
C20 Suburban	4.8L 4801 CC 292 CID OHV 12V L6	1972-1974	104



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MODEL	ENGINE	YEAR	BLOCK
C20 Suburban	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1986	127
C20 Suburban	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	130
C20 Suburban	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
C20 Suburban	5.3L 5358 CC 327 CID OHV 16V V8	1967-1969	140
C20 Suburban	5.3L 5358 CC 327 CID OHV 16V V8	1968	139
C20 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1986	127
C20 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1986	158
C20 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	114
C20 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1969-1974	157
C20 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
C20 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
C20 Suburban	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
C20 Suburban	6.2L 379 CID OHV 16V V8	1982-1986	179
C20 Suburban	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
C20 Suburban	6.6L 400 CID OHV 16V V8; Chevrolet	1976-1980	189
C20 Suburban	6.6L 6588 CC 402 CID OHV 16V V8	1970-1972	183
C20 Suburban	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
C20 Suburban	7.4L 454 CID OHV 16V V8; Chevrolet	1975-1980	202
C20 Suburban	7.4L 454 CID OHV 16V V8	1980-1986	212
C20 Suburban	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
C20 Suburban	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973-1974	202
C25	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1978	90
C25	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1978	104
C25	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1978	127
C25	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1976	127
C25	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1978	158
C25	6.6L 400 CID OHV 16V V8; Chevrolet	1976-1978	189
C25	7.4L 454 CID OHV 16V V8; Chevrolet	1975-1978	202
C25/C2500 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1967	93
C25/C2500 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1968-1972	91
C25/C2500 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
C25/C2500 Pickup	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1967	93
C25/C2500 Pickup	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
C25/C2500 Pickup	4.6L 4638 CC 283 CID OHV 16V V8	1967	115
C25/C2500 Pickup	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1973-1974	104
C25/C2500 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1967-1972	103
C25/C2500 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1972-1974	104
C25/C2500 Pickup	5.0L 5012 CC 305 CID OHV 12V V6	1967-1969	107
C25/C2500 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	130
C25/C2500 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
C25/C2500 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1967-1968	140
C25/C2500 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1968	139
C25/C2500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	114
C25/C2500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1969-1974	157
C25/C2500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
C25/C2500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
C25/C2500 Pickup	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
C25/C2500 Pickup	5.7L 5753 CC 351 CID OHV 12V V6	1967-1968	107
C25/C2500 Pickup	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
C25/C2500 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1972	183

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MODEL	ENGINE	YEAR	BLOCK
C25/C2500 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
C25/C2500 Pickup	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
C25/C2500 Pickup	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973-1974	202
C25/C2500 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1967	93
C25/C2500 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1968-1972	91
C25/C2500 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
C25/C2500 Suburban	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
C25/C2500 Suburban	4.6L 4638 CC 283 CID OHV 16V V8	1967	115
C25/C2500 Suburban	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1973-1974	104
C25/C2500 Suburban	4.8L 4801 CC 292 CID OHV 12V L6	1967-1972	103
C25/C2500 Suburban	4.8L 4801 CC 292 CID OHV 12V L6	1972-1974	104
C25/C2500 Suburban	5.0L 5012 CC 305 CID OHV 12V V6	1967-1969	107
C25/C2500 Suburban	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	130
C25/C2500 Suburban	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
C25/C2500 Suburban	5.3L 5358 CC 327 CID OHV 16V V8	1967-1968	140
C25/C2500 Suburban	5.3L 5358 CC 327 CID OHV 16V V8	1968	139
C25/C2500 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	114
C25/C2500 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1969-1974	157
C25/C2500 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
C25/C2500 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
C25/C2500 Suburban	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
C25/C2500 Suburban	5.7L 5753 CC 351 CID OHV 12V V6	1968	107
C25/C2500 Suburban	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
C25/C2500 Suburban	6.6L 6588 CC 402 CID OHV 16V V8	1972	183
C25/C2500 Suburban	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
C25/C2500 Suburban	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
C25/C2500 Suburban	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1974	202
C2500	4.1L 250 CID OHV 12V L6; Chevrolet	1979-1984	90
C2500	4.3L 262 CID OHV 12V V6; Chevrolet	1985-1986	100
C2500	4.3L 262 CID OHV 12V V6; Chevrolet	1988-1995	99
C2500	4.8L 292 CID OHV 12V L6; Chevrolet	1979-1986	104
C2500	5.0L 305 CID OHV 16V V8; Chevrolet	1979-1995	127
C2500	5.0L 305 CID OHV 16V V8; Vortec	1996-1999	128
C2500	5.7L 350 CID OHV 16V V8; Chevrolet	1979-1986	158
C2500	5.7L 350 CID OHV 16V V8; Chevrolet	1980-2000	127
C2500	6.2L 379 CID OHV 16V V8	1982-1993	179
C2500	6.5L 395 CID OHV 16V V8	1992-2000	179
C2500	6.6L 400 CID OHV 16V V8; Chevrolet	1979	189
C2500	7.4L 454 CID OHV 16V V8; Chevrolet	1979-2000	202
C2500	7.4L 454 CID OHV 16V V8	1980-1986	212
C2500 Suburban	4.8L 292 CID OHV 12V L6; Chevrolet	1979-1984	104
C2500 Suburban	5.0L 305 CID OHV 16V V8; Chevrolet	1982-1986	127
C2500 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1979-1986	158
C2500 Suburban	5.7L 350 CID OHV 16V V8; Oldsmobile	1980	163
C2500 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1980-1999	127
C2500 Suburban	6.2L 379 CID OHV 16V V8	1982-1986	179
C2500 Suburban	6.5L 395 CID OHV 16V V8	1994-1999	179
C2500 Suburban	6.6L 400 CID OHV 16V V8; Chevrolet	1980	189
C2500 Suburban	7.4L 454 CID OHV 16V V8; Chevrolet	1979-1999	202
C2500 Suburban	7.4L 454 CID OHV 16V V8	1980-1986	212



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MODEL	ENGINE	YEAR	BLOCK
C25 Suburban	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1978	104
C25 Suburban	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1978	127
C25 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1976	127
C25 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1978	158
C25 Suburban	6.6L 400 CID OHV 16V V8; Chevrolet	1978	189
C25 Suburban	7.4L 454 CID OHV 16V V8; Chevrolet	1975-1978	202
C30	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1980	90
C30	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1986	104
C30	5.0L 305 CID OHV 16V V8; Chevrolet	1978-1979	127
C30	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1986	127
C30	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1983	158
C30	5.7L 350 CID OHV 16V V8; Oldsmobile	1978	163
C30	6.2L 379 CID OHV 16V V8	1982-1986	179
C30	6.6L 400 CID OHV 16V V8; Chevrolet	1976-1979	189
C30	7.4L 454 CID OHV 16V V8; Chevrolet	1975-1980	202
C30	7.4L 454 CID OHV 16V V8	1980-1986	212
C30 Panel	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1966	93
C30 Pickup	3.8L 3769 CC 230 CID OHV 12V L6	1963-1965	61
C30 Pickup	3.8L 3852 CC 235 CID OHV 12V L6	1960-1962	89
C30 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1966-1967	93
C30 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1968-1972	91
C30 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
C30 Pickup	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1966-1967	93
C30 Pickup	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
C30 Pickup	4.3L 4278 CC 261 CID OHV 12V L6	1961-1962	88
C30 Pickup	4.6L 4638 CC 283 CID OHV 16V V8	1960-1967	115
C30 Pickup	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1973-1974	104
C30 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1963	105
C30 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1963-1972	103
C30 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1972-1974	104
C30 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	130
C30 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
C30 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1966-1969	140
C30 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1968	139
C30 Pickup	5.7L 5704 CC 348 CID OHV 16V V8	1960	145
C30 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	114
C30 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1969-1974	157
C30 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
C30 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
C30 Pickup	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
C30 Pickup	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
C30 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1970-1972	183
C30 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
C30 Pickup	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
C30 Pickup	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973-1974	202
C35	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1978	90
C35	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1978	104
C35	5.0L 305 CID OHV 16V V8; Chevrolet	1978	127
C35	5.7L 350 CID OHV 16V V8; Chevrolet	1975-2000	127
C35	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1978	158

GENERAL MOTORS CORP

MODEL	ENGINE	YEAR	BLOCK
C35	6.6L 400 CID OHV 16V V8; Chevrolet	1976-1978	189
C35	7.4L 454 CID OHV 16V V8; Chevrolet	1975-1978	202
C35/C3500 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1967	93
C35/C3500 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1968-1972	91
C35/C3500 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
C35/C3500 Pickup	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1967	93
C35/C3500 Pickup	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
C35/C3500 Pickup	4.6L 4638 CC 283 CID OHV 16V V8	1967	115
C35/C3500 Pickup	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1973-1974	104
C35/C3500 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1967-1972	103
C35/C3500 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1972-1974	104
C35/C3500 Pickup	5.0L 5012 CC 305 CID OHV 12V V6	1967-1969	107
C35/C3500 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	130
C35/C3500 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
C35/C3500 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1967-1968	140
C35/C3500 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1968	139
C35/C3500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	114
C35/C3500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1969-1974	157
C35/C3500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
C35/C3500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
C35/C3500 Pickup	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
C35/C3500 Pickup	5.7L 5753 CC 351 CID OHV 12V V6	1967-1968	107
C35/C3500 Pickup	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
C35/C3500 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1972	183
C35/C3500 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
C35/C3500 Pickup	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
C35/C3500 Pickup	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973-1974	202
C3500	4.1L 250 CID OHV 12V L6; Chevrolet	1979-1980	90
C3500	4.8L 292 CID OHV 12V L6; Chevrolet	1979-1986	104
C3500	5.0L 305 CID OHV 16V V8; Chevrolet	1986	127
C3500	5.7L 350 CID OHV 16V V8; Chevrolet	1979-1980	158
C3500	5.7L 350 CID OHV 16V V8; Chevrolet	1979-2002	127
C3500	6.2L 379 CID OHV 16V V8	1982-1993	179
C3500	6.5L 395 CID OHV 16V V8	1992-2000	179
C3500	6.6L 400 CID OHV 16V V8; Chevrolet	1979	189
C3500	7.4L 454 CID OHV 16V V8; Chevrolet	1979-2000	202
C3500	7.4L 454 CID OHV 16V V8	1980-1986	212
C3500	8.1L 496 CID OHV 16V V8; Vortec	2001-2003	197
C40	3.8L 3852 CC 235 CID OHV 12V L6	1960-1962	89
C40	4.3L 4278 CC 261 CID OHV 12V L6	1961-1962	88
C40	4.6L 4638 CC 283 CID OHV 16V V8	1960-1962	115
Caballero	3.3L 200 CID OHV 12V V6; Chevrolet	1978-1979	64
Caballero	3.8L 229 CID OHV 12V V6; Chevrolet	1980-1984	78
Caballero	3.8L 231 CID OHV 12V V6; Buick	1979	62
Caballero	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1978-1984	59
Caballero	4.3L 262 CID OHV 12V V6; Chevrolet	1985-1987	99
Caballero	4.4L 267 CID OHV 16V V8; Chevrolet	1979-1982	114
Caballero	5.0L 305 CID OHV 16V V8; Chevrolet	1978-1987	127
Caballero	5.7L 350 CID OHV 16V V8; Chevrolet	1978-1979	158
Caballero	5.7L 350 CID OHV 16V V8; Oldsmobile	1983-1984	161



GENERAL MOTORS CORP

MODEL	ENGINE	YEAR	BLOCK
Calais	2.3L 138 CID DOHC 16V L4; Quad 4	1987	35
Calais	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1985-1987	41
Calais	3.0L 181 CID OHV 12V V6; Buick	1985-1987	58
Calais	7.0L 7031 CC 429 CID OHV 16V V8	1965-1967	208
Calais	7.7L 7735 CC 472 CID OHV 16V V8	1968-1974	173
Calais	8.2L 500 CID OHV 16V V8; Cadillac	1975-1976	173
Camaro	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1982-1986	42
Camaro	2.8L 173 CID OHV 12V V6; Chevrolet	1982-1984	56
Camaro	2.8L 173 CID OHV 12V V6; Chevrolet	1985-1989	55
Camaro	3.1L 189 CID OHV 12V V6; Chevrolet	1990-1992	57
Camaro	3.4L 207 CID OHV 12V V6; Chevrolet	1993-1995	57
Camaro	3.6L 217 CID DOHC 24V V6	2010-2011	54
Camaro	3.8L 229 CID OHV 12V V6; Buick	1980-1981	78
Camaro	3.8L 3769 CC 230 CID OHV 12V L6	1967-1969	61
Camaro	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1980-1981	59
Camaro	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1995-2002	86
Camaro	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1996-1998	83
Camaro	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1979	90
Camaro	4.1L 4097 CC 250 CID OHV 12V L6	1967-1971	93
Camaro	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
Camaro	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1967-1971	93
Camaro	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1973	90
Camaro	4.4L 267 CID OHV 16V V8; Chevrolet	1980-1981	114
Camaro	4.9L 4949 CC 302 CID OHV 16V V8; Chevrolet	1967	125
Camaro	4.9L 4949 CC 302 CID OHV 16V V8	1967-1969	126
Camaro	5.0L 305 CID OHV 16V V8; Chevrolet	1976-1992	127
Camaro	5.0L 5031 CC 307 CID OHV 16V V8	1969-1973	131
Camaro	5.0L 5031 CC 307 CID OHV 16V V8	1971	128
Camaro	5.3L 5358 CC 327 CID OHV 16V V8	1967-1969	140
Camaro	5.7L 350 CID OHV 16V V8; Oldsmobile	1975	134
Camaro	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1981	158
Camaro	5.7L 350 CID OHV 16V V8; Chevrolet	1987-1997	127
Camaro	5.7L 350 CID OHV 16V V8; Chevrolet	1995-2002	160
Camaro	5.7L 350 CID OHV 16V V8; Chevrolet	1998-2002	155
Camaro	5.7L 5736 CC 350 CID OHV 16V V8	1967-1971	128
Camaro	5.7L 5736 CC 350 CID OHV 16V V8	1972-1974	127
Camaro	5.7L 5736 CC 350 CID OHV 16V V8; Chevrolet	1974	156
Camaro	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1972	157
Camaro	6.2L 6162 CC 376 CID OHV 16V V8	2010-2015	135
Camaro	6.2L 6162 CC 376 CID OHV 16V V8	2012-2015	178
Camaro	6.5L 6489 CC 396 CID OHV 16V V8	1967-1969	182
Camaro	6.6L 6588 CC 402 CID OHV 16V V8	1970-1971	183
Camaro	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
Camaro	7.0L 6998 CC 427 CID OHV 16V V8	1969	183
Camaro	7.0L 6998 CC 427 CID OHV 16V V8	1969	182
Canyon	2.8L 2770 CC 169 CID DOHC 16V L4	2004-2006	46
Canyon	2.9L 2921 CC 178 CID DOHC 16V L4	2007-2012	47
Canyon	3.5L 3460 CC 211 CID DOHC 20V L5	2004-2006	51
Canyon	3.7L 3654 CC 223 CID DOHC 20V L5	2007-2012	52
Canyon	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2009	133

GENERAL MOTORS CORP

MODEL	ENGINE	YEAR	BLOCK
Canyon	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2010-2012	136
Caprice	3.8L 229 CID OHV 12V V6; Chevrolet	1980-1982	64
Caprice	3.8L 229 CID OHV 12V V6; Chevrolet	1983-1984	78
Caprice	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1980-1985	59
Caprice	4.1L 250 CID OHV 12V L6; Chevrolet	1977-1979	90
Caprice	4.1L 4097 CC 250 CID OHV 12V L6	1967-1971	93
Caprice	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
Caprice	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1967-1969	93
Caprice	4.3L 262 CID OHV 12V V6; Chevrolet	1985-1993	99
Caprice	4.3L 265 CID OHV 16V V8; Vortec	1994-1996	114
Caprice	4.4L 267 CID OHV 16V V8; Chevrolet	1980-1982	114
Caprice	4.6L 4638 CC 283 CID OHV 16V V8	1966-1967	115
Caprice	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1993	127
Caprice	5.0L 307 CID OHV 16V V8; Oldsmobile	1986-1990	129
Caprice	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	131
Caprice	5.0L 5031 CC 307 CID OHV 16V V8	1971	128
Caprice	5.3L 5358 CC 327 CID OHV 16V V8	1966-1969	140
Caprice	5.7L 350 CID OHV 16V V8; Oldsmobile	1975	134
Caprice	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1980	158
Caprice	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1996	127
Caprice	5.7L 350 CID OHV 16V V8; Oldsmobile	1980-1985	161
Caprice	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	128
Caprice	5.7L 5736 CC 350 CID OHV 16V V8	1972-1974	127
Caprice	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
Caprice	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2014-2015	122
Caprice	6.5L 6489 CC 396 CID OHV 16V V8	1966-1968	182
Caprice	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
Caprice	6.6L 400 CID OHV 16V V8; Chevrolet	1975	191
Caprice	6.6L 400 CID OHV 16V V8; Chevrolet	1975-1976	189
Caprice	6.6L 6555 CC 400 CID OHV 16V V8	1970-1971	193
Caprice	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	199
Caprice	6.6L 6555 CC 400 CID OHV 16V V8	1973-1974	198
Caprice	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1970-1971	190
Caprice	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1972-1974	195
Caprice	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1974	189
Caprice	6.6L 6588 CC 402 CID OHV 16V V8	1970-1971	183
Caprice	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
Caprice	7.0L 6998 CC 427 CID OHV 16V V8	1966-1969	182
Caprice	7.4L 454 CID OHV 16V V8; Chevrolet	1975-1976	202
Caprice	7.4L 7439 CC 454 CID OHV 16V V8	1970-1971	183
Caprice	7.4L 7439 CC 454 CID OHV 16V V8	1972-1974	202
Caprice	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1970-1974	202
Cargo Van	5.7L 350 CID OHV 16V V8; Chevrolet	1997-1999	160
Catalina	3.8L 231 CID OHV 12V V6; Buick	1977	80
Catalina	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1977-1981	59
Catalina	4.1L 4097 CC 250 CID OHV 12V L6	1974	90
Catalina	4.3L 265 CID OHV 16V V8; Pontiac	1980-1981	116
Catalina	4.9L 301 CID OHV 16V V8; Pontiac	1977-1980	116
Catalina	5.0L 305 CID OHV 16V V8; Chevrolet	1980-1981	127
Catalina	5.0L 307 CID OHV 16V V8; Oldsmobile	1981	129



GENERAL MOTORS CORP

MODEL	ENGINE	YEAR	BLOCK
Catalina	5.2L 5179 CC 316 CID OHV 16V V8	1956	132
Catalina	5.7L 5687 CC 347 CID OHV 16V V8	1957	132
Catalina	5.7L 350 CID OHV 16V V8; Pontiac	1976	138
Catalina	5.7L 350 CID OHV 16V V8; Oldsmobile	1977	151
Catalina	5.7L 350 CID OHV 16V V8; Oldsmobile	1977-1980	166
Catalina	5.7L 350 CID OHV 16V V8; Buick	1978-1980	146
Catalina	5.7L 350 CID OHV 16V V8; Oldsmobile	1980-1981	161
Catalina	5.7L 5733 CC 350 CID OHV 16V V8	1970	152
Catalina	5.7L 5733 CC 350 CID OHV 16V V8	1970-1971	154
Catalina	5.7L 5733 CC 350 CID OHV 16V V8	1972-1974	149
Catalina	5.7L 5737 CC 350 CID OHV 16V V8; Pontiac	1972-1973	138
Catalina	6.1L 6064 CC 370 CID OHV 16V V8	1958	132
Catalina	6.4L 6376 CC 389 CID OHV 16V V8	1959-1966	137
Catalina	6.6L 400 CID OHV 16V V8; Chevrolet	1975	191
Catalina	6.6L 400 CID OHV 16V V8; Pontiac	1975	192
Catalina	6.6L 400 CID OHV 16V V8; Pontiac	1976-1978	196
Catalina	6.6L 6555 CC 400 CID OHV 16V V8	1967-1969	188
Catalina	6.6L 6555 CC 400 CID OHV 16V V8	1967-1971	138
Catalina	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	187
Catalina	6.6L 403 CID OHV 16V V8; Oldsmobile	1977-1979	111
Catalina	6.9L 6900 CC 421 CID OHV 16V V8	1961-1966	205
Catalina	7.0L 7014 CC 428 CID OHV 16V V8	1967-1969	205
Catalina	7.5L 455 CID OHV 16V V8; Pontiac	1975-1976	213
Catalina	7.5L 7456 CC 455 CID OHV 16V V8	1970-1974	213
Catalina	7.5L 7456 CC 455 CID OHV 16V V8	1971	205
Catalina	7.5L 7457 CC 455 CID OHV 16V V8; Pontiac	1972-1974	213
Cavalier	1.8L 112 CID OHV 8V L4; Chevrolet	1982	14
Cavalier	2.0L 122 CID OHV 8V L4; Chevrolet	1983-1986	19
Cavalier	2.0L 122 CID OHV 8V L4; Chevrolet	1987-1989	20
Cavalier	2.2L 134 CID OHV 8V L4; Chevrolet	1990-1991	18
Cavalier	2.2L 134 CID DOHC 16V L4; Ecotec	2003-2004	30
Cavalier	2.2L 2190 CC 134 CID OHV 8V L4	1992-1997	18
Cavalier	2.2L 2190 CC 134 CID OHV 8V L4	1995-2002	29
Cavalier	2.2L 2190 CC 134 CID OHV 8V L4; Vortec	1996-2002	28
Cavalier	2.2L 2190 CC 134 CID OHV 8V L4; Vortec	1999-2002	27
Cavalier	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2002-2005	30
Cavalier	2.3L 138 CID DOHC 16V L4; Quad 4	1995	35
Cavalier	2.4L 2392 CC 146 CID DOHC 16V L4	1996	39
Cavalier	2.4L 2392 CC 146 CID DOHC 16V L4; Oldsmobile	1996-2002	40
Cavalier	2.8L 173 CID OHV 12V V6; Chevrolet	1985-1986	55
Cavalier	2.8L 173 CID OHV 12V V6; Chevrolet	1987-1989	57
Cavalier	3.1L 189 CID OHV 12V V6; Chevrolet	1990-1994	57
Celebrity	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1982-1983	42
Celebrity	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1982-1990	44
Celebrity	2.8L 173 CID OHV 12V V6; Chevrolet	1982-1986	55
Celebrity	2.8L 173 CID OHV 12V V6; Chevrolet	1984	56
Celebrity	2.8L 173 CID OHV 12V V6; Chevrolet	1987-1989	57
Celebrity	3.1L 189 CID OHV 12V V6; Chevrolet	1990	57
Centurion	5.7L 5736 CC 350 CID OHV 16V V8	1973	146
Centurion	7.5L 7456 CC 455 CID OHV 16V V8	1971-1973	209

GENERAL MOTORS CORP

MODEL	ENGINE	YEAR	BLOCK
Century	2.2L 2190 CC 134 CID OHV 8V L4; Vortec	1993-1996	28
Century	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1982	42
Century	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1982-1992	44
Century	2.8L 173 CID OHV 12V V6; Chevrolet	1982-1986	55
Century	2.8L 173 CID OHV 12V V6; Chevrolet	1987-1989	57
Century	3.0L 181 CID OHV 12V V6; Buick	1982-1985	59
Century	3.1L 189 CID OHV 12V V6; Chevrolet	1994-2005	57
Century	3.2L 196 CID OHV 12V V6; Buick	1978-1979	62
Century	3.3L 204 CID OHV 12V V6; Buick	1989-1993	65
Century	3.8L 231 CID OHV 12V V6; Buick	1975-1977	80
Century	3.8L 231 CID OHV 12V V6; Buick	1979	62
Century	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1978-1988	59
Century	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1979-1980	62
Century	4.3L 265 CID OHV 16V V8; Pontiac	1980-1981	116
Century	4.9L 301 CID OHV 16V V8; Pontiac	1979-1980	116
Century	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1981	127
Century	5.7L 350 CID OHV 16V V8; Oldsmobile	1975-1977	148
Century	5.7L 350 CID OHV 16V V8; Oldsmobile	1975-1977	150
Century	5.7L 350 CID OHV 16V V8; Oldsmobile	1977	166
Century	5.7L 350 CID OHV 16V V8; Chevrolet	1977-1979	158
Century	5.7L 350 CID OHV 16V V8; Oldsmobile	1981	161
Century	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	146
Century	6.6L 403 CID OHV 16V V8; Oldsmobile	1977	111
Century	7.5L 7456 CC 455 CID OHV 16V V8	1973-1974	209
Chevelle	3.2L 3180 CC 194 CID OHV 12V L6	1964-1966	61
Chevelle	3.8L 3769 CC 230 CID OHV 12V L6	1964-1969	61
Chevelle	4.1L 4097 CC 250 CID OHV 12V L6	1967-1971	93
Chevelle	4.1L 4097 CC 250 CID OHV 12V L6	1972-1973	90
Chevelle	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1968-1971	93
Chevelle	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1973	90
Chevelle	4.6L 4638 CC 283 CID OHV 16V V8	1964-1967	115
Chevelle	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	131
Chevelle	5.0L 5031 CC 307 CID OHV 16V V8	1971	128
Chevelle	5.3L 5358 CC 327 CID OHV 16V V8	1964-1968	140
Chevelle	5.7L 5736 CC 350 CID OHV 16V V8	1968-1971	128
Chevelle	5.7L 5736 CC 350 CID OHV 16V V8	1972-1973	127
Chevelle	6.5L 6489 CC 396 CID OHV 16V V8	1965-1969	182
Chevelle	6.6L 6555 CC 400 CID OHV 16V V8	1970-1971	193
Chevelle	6.6L 6555 CC 400 CID OHV 16V V8	1972-1973	199
Chevelle	6.6L 6555 CC 400 CID OHV 16V V8	1973	198
Chevelle	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1970-1971	190
Chevelle	6.6L 6588 CC 402 CID OHV 16V V8	1970-1971	183
Chevelle	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
Chevelle	7.4L 7439 CC 454 CID OHV 16V V8	1970-1971	183
Chevelle	7.4L 7439 CC 454 CID OHV 16V V8	1972-1973	202
Chevelle	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1970-1973	202
Chevette	1.4L 1393 CC 85 CID SOHC 8V L4; Chevrolet	1976-1977	4
Chevette	1.6L 98 CID SOHC 8V L4; Chevrolet	1976-1987	4
Chevette	1.8L 1819 CC 110 CID OHV 8V L4 ISUZU	1981-1986	12
Chevy II	2.5L 2507 CC 153 CID OHV 8V L4	1962-1968	45



GENERAL MOTORS CORP

MODEL	ENGINE	YEAR	BLOCK
Chevy II	3.2L 3180 CC 194 CID OHV 12V L6	1962-1967	61
Chevy II	3.8L 3769 CC 230 CID OHV 12V L6	1964-1968	61
Chevy II	4.1L 4097 CC 250 CID OHV 12V L6	1967-1968	93
Chevy II	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1967-1968	93
Chevy II	4.6L 4638 CC 283 CID OHV 16V V8	1963-1967	115
Chevy II	5.0L 5031 CC 307 CID OHV 16V V8	1968	131
Chevy II	5.3L 5358 CC 327 CID OHV 16V V8	1965-1968	140
Chevy II	5.7L 5736 CC 350 CID OHV 16V V8	1968	128
Chevy II	6.5L 6489 CC 396 CID OHV 16V V8	1968	182
Chieftain	5.2L 5179 CC 316 CID OHV 16V V8	1956	132
Chieftain	5.7L 5687 CC 347 CID OHV 16V V8	1957	132
Chieftain	6.1L 6064 CC 370 CID OHV 16V V8	1958	132
Cimarron	2.0L 122 CID OHV 8V L4; Chevrolet	1983-1986	19
Cimarron	2.8L 173 CID OHV 12V V6; Chevrolet	1985-1986	55
Cimarron	2.8L 173 CID OHV 12V V6; Chevrolet	1987-1988	57
Citation	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1980-1983	42
Citation	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1982-1983	44
Citation	2.8L 173 CID OHV 12V V6; Chevrolet	1980-1983	56
Citation	2.8L 173 CID OHV 12V V6; Chevrolet	1981-1983	55
Citation II	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1984-1985	44
Citation II	2.8L 173 CID OHV 12V V6; Chevrolet	1984	56
Citation II	2.8L 173 CID OHV 12V V6; Chevrolet	1984-1985	55
Classic	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2004-2005	30
Classic 98	6.5L 6458 CC 394 CID OHV 16V V8	1961	175
Cobalt	2.0L 122 CID DOHC 16V L4; Ecotec	2005-2007	25
Cobalt	2.0L 1998 CC 122 CID DOHC 16V L4; Ecotec	2008-2010	22
Cobalt	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2005-2009	30
Cobalt	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2010	22
Cobalt	2.4L 145 CID DOHC 16V L4; Ecotec	2006-2008	22
Colorado	2.8L 2770 CC 169 CID DOHC 16V L4	2004-2006	46
Colorado	2.9L 2921 CC 178 CID DOHC 16V L4	2007-2012	47
Colorado	2.9L 2921 CC 178 CID DOHC 16V L4	2011-2012	48
Colorado	3.5L 3460 CC 211 CID DOHC 20V L5	2004-2006	51
Colorado	3.7L 3654 CC 223 CID DOHC 20V L5	2007-2012	52
Colorado	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2009	133
Colorado	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2010-2012	136
Commercial Chassis	4.1L 250 CID OHV 16V V8; Cadillac	1985-1987	110
Commercial Chassis	4.3L 262 CID OHV 12V V6; Chevrolet	1992	99
Commercial Chassis	4.5L 273 CID OHV 16V V8; Cadillac	1988-1990	110
Commercial Chassis	4.9L 300 CID OHV 16V V8; Cadillac	1991-1993	110
Commercial Chassis	5.0L 305 CID OHV 16V V8; Chevrolet	1991-1992	127
Commercial Chassis	5.7L 350 CID OHV 16V V8; Chevrolet	1991-1996	127
Commercial Chassis	6.0L 5972 CC 365 CID OHV 16V V8	1956-1958	172
Commercial Chassis	6.0L 368 CID OHV 16V V8; Cadillac	1980-1984	173
Commercial Chassis	6.4L 6392 CC 390 CID OHV 16V V8	1959-1963	180
Commercial Chassis	7.0L 425 CID OHV 16V V8; Cadillac	1977-1979	173
Commercial Chassis	7.0L 7031 CC 429 CID OHV 16V V8	1964	180
Commercial Chassis	7.0L 7031 CC 429 CID OHV 16V V8	1965-1967	208
Commercial Chassis	7.7L 7735 CC 472 CID OHV 16V V8	1968-1974	173
Commercial Chassis	8.2L 500 CID OHV 16V V8; Cadillac	1975-1976	173

GENERAL MOTORS CORP

MODEL	ENGINE	YEAR	BLOCK
Corsica	2.0L 122 CID OHV 8V L4; Chevrolet	1987-1989	20
Corsica	2.2L 134 CID OHV 8V L4; Chevrolet	1990-1991	18
Corsica	2.2L 2190 CC 134 CID OHV 8V L4; Vortec	1992-1995	18
Corsica	2.2L 2190 CC 134 CID OHV 8V L4; Vortec	1996	28
Corsica	2.8L 173 CID OHV 12V V6; Chevrolet	1987-1989	57
Corsica	3.1L 189 CID OHV 12V V6; Chevrolet	1990-1996	57
Corvair	2.3L 2294 CC 140 CID OHV 12V H6	1960-1961	53
Corvair	2.4L 2377 CC 145 CID OHV 12V H6	1961-1963	53
Corvair	2.7L 2684 CC 164 CID OHV 12V H6	1964-1969	53
Corvair Truck	2.4L 2377 CC 145 CID OHV 12V H6	1961-1963	53
Corvair Truck	2.7L 2684 CC 164 CID OHV 12V H6	1964	53
Corvette	3.8L 3852 CC 235 CID OHV 12V L6	1953-1955	88
Corvette	4.3L 4343 CC 265 CID OHV 16V V8	1955-1956	115
Corvette	4.6L 4638 CC 283 CID OHV 16V V8	1957-1961	115
Corvette	5.0L 305 CID OHV 16V V8; Chevrolet	1980	127
Corvette	5.3L 5358 CC 327 CID OHV 16V V8	1962-1965	115
Corvette	5.3L 5358 CC 327 CID OHV 16V V8	1962-1968	140
Corvette	5.7L 350 CID OHV 16V V8; Chevrolet	1975	157
Corvette	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1979	158
Corvette	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1996	127
Corvette	5.7L 350 CID OHV 16V V8; Chevrolet	1979	130
Corvette	5.7L 350 CID OHV 16V V8; Chevrolet	1982-1984	114
Corvette	5.7L 350 CID DOHC 32V V8; Chevrolet	1990-1995	167
Corvette	5.7L 350 CID OHV 16V V8; Chevrolet	1995-1996	160
Corvette	5.7L 350 CID OHV 16V V8; Chevrolet	1996	134
Corvette	5.7L 350 CID OHV 16V V8; Chevrolet	1997-2004	155
Corvette	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	128
Corvette	5.7L 5736 CC 350 CID OHV 16V V8	1972-1974	127
Corvette	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1972-1974	157
Corvette	6.0L 364 CID OHV 16V V8	2005	120
Corvette	6.0L 5967 CC 364 CID OHV 16V V8	2005-2007	120
Corvette	6.2L 376 CID OHV 16V V8	2008-2009	134
Corvette	6.2L 6162 CC 376 CID OHV 16V V8	2008-2013	135
Corvette	6.2L 6162 CC 376 CID OHV 16V V8	2009-2015	134
Corvette	6.2L 6162 CC 376 CID OHV 16V V8	2010-2013	177
Corvette	6.5L 6489 CC 396 CID OHV 16V V8	1965	182
Corvette	7.0L 6998 CC 427 CID OHV 16V V8	1966-1969	182
Corvette	7.0L 6998 CC 427 CID OHV 16V V8	1967-1969	183
Corvette	7.0L 7011 CC 427 CID OHV 16V V8	2006-2012	206
Corvette	7.0L 7011 CC 427 CID OHV 16V V8	2013	207
Corvette	7.4L 7439 CC 454 CID OHV 16V V8	1970-1971	183
Corvette	7.4L 7439 CC 454 CID OHV 16V V8	1972-1974	202
Corvette	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1970-1974	202
CTS	2.8L 2792 CC 170 CID DOHC 24V V6	2005-2007	54
CTS	3.0L 182 CID DOHC 24V V6	2010-2011	54
CTS	3.2L 197 CID DOHC 24V V6; Cadillac	2003-2004	60
CTS	3.6L 217 CID DOHC 24V V6	2004-2011	54
CTS	6.0L 5967 CC 364 CID OHV 16V V8	2006-2007	120
CTS	6.2L 6162 CC 376 CID OHV 16V V8	2009-2011	178
Custom Cruiser	5.0L 305 CID OHV 16V V8; Chevrolet	1991-1992	127



GENERAL MOTORS CORP

MODEL	ENGINE	YEAR	BLOCK
Custom Cruiser	5.0L 307 CID OHV 16V V8; Oldsmobile	1980-1990	129
Custom Cruiser	5.7L 350 CID OHV 16V V8; Chevrolet	1977	158
Custom Cruiser	5.7L 350 CID OHV 16V V8; Oldsmobile	1977-1980	166
Custom Cruiser	5.7L 350 CID OHV 16V V8; Oldsmobile	1978-1985	161
Custom Cruiser	5.7L 350 CID OHV 16V V8; Chevrolet	1992	127
Custom Cruiser	6.6L 400 CID OHV 16V V8; Chevrolet	1975	191
Custom Cruiser	6.6L 400 CID OHV 16V V8; Pontiac	1975	192
Custom Cruiser	6.6L 403 CID OHV 16V V8; Oldsmobile	1977-1979	111
Custom Cruiser	7.5L 455 CID OHV 16V V8; Oldsmobile	1975-1976	214
Custom Cruiser	7.5L 7456 CC 455 CID OHV 16V V8	1971-1974	184
Custom Cruiser	7.5L 7457 CC 455 CID OHV 16V V8; Oldsmobile	1972-1974	184
Cutlass	3.1L 189 CID OHV 12V V6; Chevrolet	1997-1999	57
Cutlass	3.5L 3528 CC 215 CID OHV 16V V8	1961-1963	108
Cutlass	3.8L 231 CID OHV 12V V6; Buick	1977	80
Cutlass	3.8L 231 CID OHV 12V V6; Buick	1979	62
Cutlass	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1978-1981	59
Cutlass	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1976	90
Cutlass	4.1L 4097 CC 250 CID OHV 12V L6	1968-1971	93
Cutlass	4.1L 4097 CC 250 CID OHV 12V L6	1968-1971	91
Cutlass	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1967-1971	93
Cutlass	4.3L 260 CID OHV 16V V8; Oldsmobile	1975-1981	112
Cutlass	5.0L 305 CID OHV 16V V8; Chevrolet	1978-1980	127
Cutlass	5.4L 5409 CC 330 CID OHV 16V V8	1964-1965	141
Cutlass	5.4L 5409 CC 330 CID OHV 16V V8	1966-1967	142
Cutlass	5.7L 350 CID OHV 16V V8; Oldsmobile	1975	164
Cutlass	5.7L 350 CID OHV 16V V8; Oldsmobile	1976-1980	166
Cutlass	5.7L 350 CID OHV 16V V8; Chevrolet	1978-1979	158
Cutlass	5.7L 350 CID OHV 16V V8; Oldsmobile	1979-1981	161
Cutlass	5.7L 5733 CC 350 CID OHV 16V V8	1968-1971	165
Cutlass	5.7L 5733 CC 350 CID OHV 16V V8	1972-1974	164
Cutlass	5.7L 5737 CC 350 CID OHV 16V V8; Oldsmobile	1968-1974	164
Cutlass	6.6L 6555 CC 400 CID OHV 16V V8	1965-1967	185
Cutlass	6.6L 6555 CC 400 CID OHV 16V V8	1968	184
Cutlass	6.6L 403 CID OHV 16V V8; Oldsmobile	1977	111
Cutlass	7.5L 455 CID OHV 16V V8; Oldsmobile	1975-1976	214
Cutlass	7.5L 7456 CC 455 CID OHV 16V V8	1970	185
Cutlass	7.5L 7456 CC 455 CID OHV 16V V8	1970-1974	184
Cutlass Calais	2.3L 138 CID DOHC 16V L4; Quad 4	1988-1991	35
Cutlass Calais	2.3L 140 CID DOHC 16V L4; Quad 4	1989-1991	36
Cutlass Calais	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1988-1991	41
Cutlass Calais	3.0L 181 CID OHV 12V V6; Buick	1988	58
Cutlass Calais	3.3L 204 CID OHV 12V V6; Buick	1989-1991	65
Cutlass Calais	3.8L 231 CID OHV 12V V6; Buick	1979	62
Cutlass Calais	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1978-1984	59
Cutlass Calais	4.3L 260 CID OHV 16V V8; Oldsmobile	1978-1981	112
Cutlass Calais	4.3L 260 CID OHV 16V V8; Oldsmobile	1979-1982	111
Cutlass Calais	5.0L 305 CID OHV 16V V8; Chevrolet	1978-1980	127
Cutlass Calais	5.0L 307 CID OHV 16V V8; Oldsmobile	1982-1984	129
Cutlass Calais	5.0L 307 CID OHV 16V V8; Oldsmobile	1983-1984	111
Cutlass Calais	5.7L 350 CID OHV 16V V8; Oldsmobile	1979-1980	166

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MODEL	ENGINE	YEAR	BLOCK
Cutlass Calais	5.7L 350 CID OHV 16V V8; Oldsmobile	1980-1984	161
Cutlass Ciera	2.2L 2190 CC 134 CID OHV 8V L4; Vortec	1993-1995	18
Cutlass Ciera	2.2L 2190 CC 134 CID OHV 8V L4; Vortec	1996	28
Cutlass Ciera	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1982	42
Cutlass Ciera	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1982-1992	44
Cutlass Ciera	2.8L 173 CID OHV 12V V6; Chevrolet	1982-1986	55
Cutlass Ciera	2.8L 173 CID OHV 12V V6; Chevrolet	1987-1989	57
Cutlass Ciera	3.0L 181 CID OHV 12V V6; Buick	1982-1985	59
Cutlass Ciera	3.1L 189 CID OHV 12V V6; Chevrolet	1994-1996	57
Cutlass Ciera	3.3L 204 CID OHV 12V V6; Buick	1989-1993	65
Cutlass Ciera	3.3L 3340 CC 204 CID OHV 12V V6; Buick	1989-1990	66
Cutlass Ciera	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1984-1990	59
Cutlass Cruiser	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1987-1992	44
Cutlass Cruiser	2.8L 173 CID OHV 12V V6; Chevrolet	1987-1989	57
Cutlass Cruiser	3.1L 189 CID OHV 12V V6; Chevrolet	1994	57
Cutlass Cruiser	3.3L 204 CID OHV 12V V6; Buick	1989-1993	65
Cutlass Cruiser	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1980-1988	59
Cutlass Cruiser	4.3L 260 CID OHV 16V V8; Oldsmobile	1980-1981	112
Cutlass Cruiser	4.3L 260 CID OHV 16V V8; Oldsmobile	1982	111
Cutlass Cruiser	5.0L 305 CID OHV 16V V8; Chevrolet	1980-1982	127
Cutlass Cruiser	5.0L 307 CID OHV 16V V8; Oldsmobile	1981-1983	129
Cutlass Cruiser	5.7L 350 CID OHV 16V V8; Oldsmobile	1980	166
Cutlass Cruiser	5.7L 350 CID OHV 16V V8; Oldsmobile	1980-1983	161
Cutlass Salon	3.8L 231 CID OHV 12V V6; Buick	1979	62
Cutlass Salon	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1978-1987	59
Cutlass Salon	4.3L 260 CID OHV 16V V8; Oldsmobile	1975-1980	112
Cutlass Salon	4.3L 260 CID OHV 16V V8; Oldsmobile	1979	111
Cutlass Salon	5.0L 305 CID OHV 16V V8; Chevrolet	1978-1980	127
Cutlass Salon	5.0L 307 CID OHV 16V V8; Oldsmobile	1985-1986	111
Cutlass Salon	5.0L 307 CID OHV 16V V8; Oldsmobile	1985-1987	129
Cutlass Salon	5.7L 350 CID OHV 16V V8; Oldsmobile	1975	164
Cutlass Salon	5.7L 350 CID OHV 16V V8; Oldsmobile	1976-1979	166
Cutlass Salon	5.7L 350 CID OHV 16V V8; Oldsmobile	1980-1985	161
Cutlass Salon	6.6L 403 CID OHV 16V V8; Oldsmobile	1977	111
Cutlass Salon	7.5L 455 CID OHV 16V V8; Oldsmobile	1975-1976	214
Cutlass Supreme	2.3L 138 CID DOHC 16V L4; Quad 4	1990-1991	35
Cutlass Supreme	2.3L 140 CID DOHC 16V L4; Quad 4	1990	36
Cutlass Supreme	2.8L 173 CID OHV 12V V6; Chevrolet	1988-1989	57
Cutlass Supreme	3.1L 189 CID OHV 12V V6; Chevrolet	1989-1997	57
Cutlass Supreme	3.4L 207 CID DOHC 24V V6; Chevrolet	1991-1996	68
Cutlass Supreme	3.8L 231 CID OHV 12V V6; Buick	1977	80
Cutlass Supreme	3.8L 231 CID OHV 12V V6; Buick	1979	62
Cutlass Supreme	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1978-1987	59
Cutlass Supreme	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1976	90
Cutlass Supreme	4.3L 260 CID OHV 16V V8; Oldsmobile	1975-1981	112
Cutlass Supreme	4.3L 260 CID OHV 16V V8; Oldsmobile	1979-1982	111
Cutlass Supreme	5.0L 305 CID OHV 16V V8; Chevrolet	1978-1980	127
Cutlass Supreme	5.0L 307 CID OHV 16V V8; Oldsmobile	1982-1988	129
Cutlass Supreme	5.0L 307 CID OHV 16V V8; Oldsmobile	1984-1987	111
Cutlass Supreme	5.7L 350 CID OHV 16V V8; Oldsmobile	1975	164



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MODEL	ENGINE	YEAR	BLOCK
Cutlass Supreme	5.7L 350 CID OHV 16V V8; Oldsmobile	1976-1980	166
Cutlass Supreme	5.7L 350 CID OHV 16V V8; Chevrolet	1978	158
Cutlass Supreme	5.7L 350 CID OHV 16V V8; Oldsmobile	1979-1985	161
Cutlass Supreme	5.7L 5733 CC 350 CID OHV 16V V8	1971	165
Cutlass Supreme	5.7L 5733 CC 350 CID OHV 16V V8	1972-1974	164
Cutlass Supreme	5.7L 5737 CC 350 CID OHV 16V V8; Oldsmobile	1968-1974	164
Cutlass Supreme	6.6L 403 CID OHV 16V V8; Oldsmobile	1977	111
Cutlass Supreme	7.5L 455 CID OHV 16V V8; Oldsmobile	1975-1976	214
Cutlass Supreme	7.5L 7456 CC 455 CID OHV 16V V8	1971-1974	184
Cutlass Tiara	4.3L 260 CID OHV 16V V8; Oldsmobile	1976	112
Cutlass Tiara	5.7L 350 CID OHV 16V V8; Oldsmobile	1976	166
Cutlass Tiara	7.5L 455 CID OHV 16V V8; Oldsmobile	1976	214
Delmont 88	5.4L 5409 CC 330 CID OHV 16V V8	1967	142
Delmont 88	5.7L 5733 CC 350 CID OHV 16V V8	1968	165
Delmont 88	5.7L 5737 CC 350 CID OHV 16V V8; Oldsmobile	1968	164
Delmont 88	7.0L 6966 CC 425 CID OHV 16V V8	1967	185
Delmont 88	7.5L 7456 CC 455 CID OHV 16V V8	1968	184
Delmont 88	7.5L 7456 CC 455 CID OHV 16V V8	1968	185
Del Ray	3.8L 3852 CC 235 CID OHV 12V L6	1957-1958	89
Del Ray	4.3L 4343 CC 265 CID OHV 16V V8	1957	115
Del Ray	4.6L 4638 CC 283 CID OHV 16V V8	1957-1958	115
Del Ray	5.7L 5704 CC 348 CID OHV 16V V8	1958	145
Delta 88	3.0L 181 CID OHV 12V V6; Buick	1986	58
Delta 88	3.8L 231 CID OHV 12V V6; Buick	1977	80
Delta 88	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1977-1988	59
Delta 88	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1988-1991	65
Delta 88	4.3L 260 CID OHV 16V V8; Oldsmobile	1977-1981	112
Delta 88	4.3L 260 CID OHV 16V V8; Oldsmobile	1982	111
Delta 88	4.9L 301 CID OHV 16V V8; Pontiac	1979	116
Delta 88	5.0L 307 CID OHV 16V V8; Oldsmobile	1980-1985	129
Delta 88	5.7L 350 CID OHV 16V V8; Oldsmobile	1975	164
Delta 88	5.7L 350 CID OHV 16V V8; Oldsmobile	1976-1980	166
Delta 88	5.7L 350 CID OHV 16V V8; Oldsmobile	1977	162
Delta 88	5.7L 350 CID OHV 16V V8; Chevrolet	1977	158
Delta 88	5.7L 350 CID OHV 16V V8; Oldsmobile	1978-1985	161
Delta 88	5.7L 5733 CC 350 CID OHV 16V V8	1968-1971	165
Delta 88	5.7L 5733 CC 350 CID OHV 16V V8	1972-1974	164
Delta 88	5.7L 5737 CC 350 CID OHV 16V V8; Oldsmobile	1968-1974	164
Delta 88	6.6L 400 CID OHV 16V V8; Chevrolet	1975	191
Delta 88	6.6L 400 CID OHV 16V V8; Pontiac	1975	192
Delta 88	6.6L 403 CID OHV 16V V8; Oldsmobile	1977-1979	111
Delta 88	7.0L 6966 CC 425 CID OHV 16V V8	1965-1967	185
Delta 88	7.5L 455 CID OHV 16V V8; Oldsmobile	1975-1976	214
Delta 88	7.5L 7456 CC 455 CID OHV 16V V8	1968-1970	185
Delta 88	7.5L 7456 CC 455 CID OHV 16V V8	1968-1974	184
Delta 88	7.5L 7457 CC 455 CID OHV 16V V8; Oldsmobile	1972-1974	184
DeVille	4.1L 250 CID OHV 16V V8; Cadillac	1982-1987	110
DeVille	4.1L 252 CID OHV 12V V6; Buick	1980-1982	94
DeVille	4.5L 273 CID OHV 16V V8; Cadillac	1988-1990	110
DeVille	4.6L 281 CID DOHC 32V V8; Northstar	1994-2005	109

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MODEL	ENGINE	YEAR	BLOCK
DeVille	4.9L 300 CID OHV 16V V8; Cadillac	1991-1995	110
DeVille	5.7L 350 CID OHV 16V V8; Oldsmobile	1979-1984	161
DeVille	6.0L 5972 CC 365 CID OHV 16V V8	1956-1958	172
DeVille	6.0L 368 CID OHV 16V V8; Cadillac	1980-1981	173
DeVille	6.4L 6392 CC 390 CID OHV 16V V8	1959-1962	180
DeVille	7.0L 425 CID OHV 16V V8; Cadillac	1977-1979	173
DeVille	7.0L 7031 CC 429 CID OHV 16V V8	1964	180
DeVille	7.0L 7031 CC 429 CID OHV 16V V8	1965-1967	208
DeVille	7.7L 7735 CC 472 CID OHV 16V V8	1968-1974	173
DeVille	8.2L 500 CID OHV 16V V8; Cadillac	1975-1976	173
DTS	4.6L 281 CID DOHC 32V V8; Northstar	2006-2010	109
DTS	4.6L 281 CID DOHC 32V V8; Northstar	2011	119
Dynamic	6.1L 6081 CC 371 CID OHV 16V V8	1959-1960	174
Dynamic	6.1L 6081 CC 371 CID OHV 16V V8	1959-1960	175
Dynamic	6.5L 6458 CC 394 CID OHV 16V V8	1961-1964	175
Dynamic	7.0L 6966 CC 425 CID OHV 16V V8	1965-1966	185
El Camino	3.2L 3180 CC 194 CID OHV 12V L6	1964-1966	61
El Camino	3.3L 200 CID OHV 12V V6; Chevrolet	1978-1979	64
El Camino	3.8L 229 CID OHV 12V V6; Chevrolet	1980-1984	78
El Camino	3.8L 3769 CC 230 CID OHV 12V L6	1964-1969	61
El Camino	3.8L 231 CID OHV 12V V6; Buick	1979	62
El Camino	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1978-1984	59
El Camino	3.8L 3852 CC 235 CID OHV 12V L6	1959-1960	89
El Camino	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1977	90
El Camino	4.1L 4097 CC 250 CID OHV 12V L6	1967-1971	93
El Camino	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
El Camino	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1967-1971	93
El Camino	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
El Camino	4.3L 262 CID OHV 12V V6; Chevrolet	1985-1987	99
El Camino	4.4L 267 CID OHV 16V V8; Chevrolet	1979-1982	114
El Camino	4.6L 4638 CC 283 CID OHV 16V V8	1959-1967	115
El Camino	5.0L 305 CID OHV 16V V8; Chevrolet	1976-1987	127
El Camino	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	130
El Camino	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	131
El Camino	5.3L 5358 CC 327 CID OHV 16V V8; Chevrolet	1964-1965	115
El Camino	5.3L 5358 CC 327 CID OHV 16V V8	1964-1969	140
El Camino	5.7L 5704 CC 348 CID OHV 16V V8	1959-1960	145
El Camino	5.7L 350 CID OHV 16V V8; Oldsmobile	1975	134
El Camino	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1979	158
El Camino	5.7L 350 CID OHV 16V V8; Chevrolet	1976	127
El Camino	5.7L 350 CID OHV 16V V8; Oldsmobile	1983-1984	161
El Camino	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	128
El Camino	5.7L 5736 CC 350 CID OHV 16V V8	1971-1974	127
El Camino	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
El Camino	6.5L 6489 CC 396 CID OHV 16V V8	1966-1969	182
El Camino	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
El Camino	6.6L 400 CID OHV 16V V8; Chevrolet	1975-1976	189
El Camino	6.6L 6555 CC 400 CID OHV 16V V8	1971	197
El Camino	6.6L 6555 CC 400 CID OHV 16V V8	1973-1974	198
El Camino	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1974	189



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MODEL	ENGINE	YEAR	BLOCK
El Camino	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1974	195
El Camino	6.6L 6588 CC 402 CID OHV 16V V8	1970-1971	183
El Camino	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
El Camino	7.4L 454 CID OHV 16V V8; Chevrolet	1975	202
El Camino	7.4L 7439 CC 454 CID OHV 16V V8	1970-1971	183
El Camino	7.4L 7439 CC 454 CID OHV 16V V8	1972-1974	202
El Camino	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1970-1974	202
Eldorado	4.1L 250 CID OHV 16V V8; Cadillac	1982-1987	110
Eldorado	4.1L 252 CID OHV 12V V6; Buick	1981-1982	94
Eldorado	4.5L 273 CID OHV 16V V8; Cadillac	1988-1990	110
Eldorado	4.6L 281 CID DOHC 32V V8; Northstar	1993-2002	109
Eldorado	4.9L 300 CID OHV 16V V8; Cadillac	1991-1993	110
Eldorado	5.7L 350 CID OHV 16V V8; Oldsmobile	1979	111
Eldorado	5.7L 350 CID OHV 16V V8; Oldsmobile	1979-1985	161
Eldorado	5.7L 350 CID OHV 16V V8; Oldsmobile	1980	165
Eldorado	6.0L 5972 CC 365 CID OHV 16V V8	1956-1958	172
Eldorado	6.0L 368 CID OHV 16V V8; Cadillac	1980-1981	173
Eldorado	6.4L 6392 CC 390 CID OHV 16V V8	1959-1962	180
Eldorado	7.0L 425 CID OHV 16V V8; Cadillac	1977-1978	173
Eldorado	7.0L 7031 CC 429 CID OHV 16V V8	1964	180
Eldorado	7.0L 7031 CC 429 CID OHV 16V V8	1965-1967	208
Eldorado	7.7L 7735 CC 472 CID OHV 16V V8	1968-1969	173
Eldorado	8.2L 500 CID OHV 16V V8; Cadillac	1975-1976	173
Eldorado	8.2L 8193 CC 500 CID OHV 16V V8	1970-1974	173
Eldorado	8.2L 8193 CC 500 CID OHV 16V V8	1971	217
Eldorado	8.2L 8195 CC 500 CID OHV 16V V8; Cadillac	1972-1974	173
Electra	3.0L 181 CID OHV 12V V6; Buick	1985	59
Electra	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1985-1987	59
Electra	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1986	84
Electra	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1988-1990	65
Electra	4.1L 252 CID OHV 12V V6; Buick	1980-1984	94
Electra	4.9L 301 CID OHV 16V V8; Pontiac	1980	116
Electra	5.0L 307 CID OHV 16V V8; Oldsmobile	1981-1989	129
Electra	5.7L 350 CID OHV 16V V8; Buick	1976-1980	146
Electra	5.7L 350 CID OHV 16V V8; Oldsmobile	1977	148
Electra	5.7L 350 CID OHV 16V V8; Oldsmobile	1977	150
Electra	5.7L 350 CID OHV 16V V8; Oldsmobile	1977-1980	166
Electra	5.7L 350 CID OHV 16V V8; Oldsmobile	1980-1985	161
Electra	6.6L 6572 CC 401 CID OHV 16V V8	1959-1966	171
Electra	6.6L 6572 CC 401 CID OHV 16V V8	1961-1966	200
Electra	6.6L 403 CID OHV 16V V8; Oldsmobile	1977-1979	111
Electra	7.0L 6966 CC 425 CID OHV 16V V8	1964-1966	200
Electra	7.0L 7047 CC 430 CID OHV 16V V8	1967-1969	209
Electra	7.5L 455 CID OHV 16V V8; Oldsmobile	1975-1976	214
Electra	7.5L 7456 CC 455 CID OHV 16V V8	1970-1974	209
Enclave	3.6L 217 CID DOHC 24V V6	2008-2011	54
Envoy	4.2L 256 CID DOHC 24V L6; Vortec	2002-2009	95
Envoy	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2005-2009	120
Envoy XL	4.2L 256 CID DOHC 24V L6; Vortec	2002-2006	95
Envoy XL	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2003-2004	121

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MODEL	ENGINE	YEAR	BLOCK
Envoy XL	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2005-2006	120
Envoy XUV	4.2L 256 CID DOHC 24V L6; Vortec	2004-2005	95
Envoy XUV	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2004	121
Envoy XUV	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2005	120
Equinox	2.4L 145 CID DOHC 16V L4; Ecotec	2010-2015	25
Equinox	2.4L 2384 CC 145 CID DOHC 16V L4; Ecotec	2011	22
Equinox	3.0L 182 CID DOHC 24V V6	2010	54
Equinox	3.0L 2997 CC 182 CID DOHC 24V V6	2011	54
Equinox	3.4L 207 CID OHV 12V V6; Chevrolet	2005-2009	67
Equinox	3.6L 217 CID DOHC 24V V6	2008-2009	54
Escalade	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2002-2005	121
Escalade	5.7L 350 CID OHV 16V V8; Vortec	1999-2000	127
Escalade	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2002-2006	121
Escalade	6.0L 5967 CC 364 CID OHV 16V V8	2002-2009	120
Escalade	6.0L 5967 CC 364 CID OHV 16V V8	2006	133
Escalade	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2010-2013	135
Escalade	6.2L 6162 CC 376 CID OHV 16V V8; Vortec	2007-2008	120
Escalade	6.2L 6162 CC 376 CID OHV 16V V8; Vortec	2009-2014	135
Escalade	6.2L 6162 CC 376 CID OHV 16V V8	2011	133
Escalade	6.2L 6162 CC 376 CID OHV 16V V8; EcoTec3	2015	134
Escalade	6.2L 6199 CC 378 CID OHV 16V V8; Vortec	2007-2010	135
Escalade ESV	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2003-2006	121
Escalade ESV	6.0L 5967 CC 364 CID OHV 16V V8	2005-2006	133
Escalade ESV	6.2L 6162 CC 376 CID OHV 16V V8; Vortec	2009-2014	135
Escalade ESV	6.2L 6162 CC 376 CID OHV 16V V8	2011-2012	133
Escalade ESV	6.2L 6162 CC 376 CID OHV 16V V8; EcoTec3	2015	134
Escalade ESV	6.2L 6199 CC 378 CID OHV 16V V8; Vortec	2007-2010	135
Escalade EXT	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2002-2006	121
Escalade EXT	6.0L 5967 CC 364 CID OHV 16V V8	2005	120
Escalade EXT	6.0L 5967 CC 364 CID OHV 16V V8	2006	133
Escalade EXT	6.2L 6162 CC 376 CID OHV 16V V8; Vortec	2009-2013	135
Escalade EXT	6.2L 6162 CC 376 CID OHV 16V V8	2011-2012	133
Escalade EXT	6.2L 6199 CC 378 CID OHV 16V V8; Vortec	2007-2010	135
Estate	4.1L 4097 CC 250 CID OHV 12V L6	1969-1970	93
Estate	5.0L 5031 CC 307 CID OHV 16V V8	1969-1970	131
Estate	5.3L 5358 CC 327 CID OHV 16V V8	1969	140
Estate	5.7L 5736 CC 350 CID OHV 16V V8	1969-1970	128
Estate	6.5L 6489 CC 396 CID OHV 16V V8	1969	183
Estate	6.6L 6555 CC 400 CID OHV 16V V8	1970	193
Estate	6.6L 6588 CC 402 CID OHV 16V V8	1970	183
Estate	7.0L 6998 CC 427 CID OHV 16V V8	1969	182
Estate	7.4L 7439 CC 454 CID OHV 16V V8	1970	183
Estate Wagon	4.9L 4917 CC 300 CID OHV 16V V8	1964	123
Estate Wagon	4.9L 4917 CC 300 CID OHV 16V V8	1964	124
Estate Wagon	4.9L 301 CID OHV 16V V8; Pontiac	1980	116
Estate Wagon	5.0L 307 CID OHV 16V V8; Oldsmobile	1981-1983	129
Estate Wagon	5.7L 350 CID OHV 16V V8; Oldsmobile	1977-1980	166
Estate Wagon	5.7L 350 CID OHV 16V V8; Buick	1978-1980	146
Estate Wagon	5.7L 350 CID OHV 16V V8; Oldsmobile	1980-1983	161
Estate Wagon	5.7L 5736 CC 350 CID OHV 16V V8	1970-1973	146



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MODEL	ENGINE	YEAR	BLOCK
Estate Wagon	6.6L 6572 CC 401 CID OHV 16V V8	1959-1963	171
Estate Wagon	6.6L 6572 CC 401 CID OHV 16V V8	1961-1964	200
Estate Wagon	6.6L 403 CID OHV 16V V8; Oldsmobile	1977-1979	111
Estate Wagon	7.0L 6966 CC 425 CID OHV 16V V8	1964	200
Estate Wagon	7.5L 7456 CC 455 CID OHV 16V V8	1970-1974	209
Executive	6.6L 6555 CC 400 CID OHV 16V V8	1967-1969	188
Executive	6.6L 6555 CC 400 CID OHV 16V V8	1967-1970	138
Executive	7.0L 7014 CC 428 CID OHV 16V V8	1967-1969	205
Executive	7.5L 7456 CC 455 CID OHV 16V V8	1970	213
Express 1500	4.3L 262 CID OHV 12V V6; Chevrolet	1996-2008	99
Express 1500	4.3L 262 CID OHV 12V V6; Vortec	2008-2012	97
Express 1500	4.3L 4293 CC 262 CID OHV 12V V6; Vortec	2013-2014	101
Express 1500	5.0L 305 CID OHV 16V V8; Vortec	1996-2002	128
Express 1500	5.3L 323 CID OHV 16V V8; Vortec	2003-2005	134
Express 1500	5.3L 325 CID OHV 16V V8; Vortec	2006-2007	133
Express 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2003-2007	121
Express 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2007-2013	120
Express 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2014	133
Express 1500	5.7L 350 CID OHV 16V V8; Vortec	1996-2002	127
Express 1500	5.7L 350 CID OHV 16V V8; Chevrolet	1998-2002	160
Express 2500	4.3L 262 CID OHV 12V V6; Vortec	1996-2005	99
Express 2500	4.8L 294 CID OHV 16V V8; Vortec	2003-2007	121
Express 2500	4.8L 294 CID OHV 16V V8; Vortec	2008-2014	120
Express 2500	4.8L 294 CID OHV 16V V8; Vortec	2015-2016	122
Express 2500	5.0L 305 CID OHV 16V V8; Chevrolet	1996	127
Express 2500	5.0L 305 CID OHV 16V V8; Vortec	1996-2002	128
Express 2500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2003-2005	121
Express 2500	5.7L 350 CID OHV 16V V8; Vortec	1996-2002	127
Express 2500	5.7L 350 CID OHV 16V V8; Chevrolet	1999	160
Express 2500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2003-2007	121
Express 2500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2008-2009	120
Express 2500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2010-2013	135
Express 2500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2011-2015	169
Express 2500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2015	122
Express 2500	6.5L 395 CID OHV 16V V8	1996-2002	179
Express 2500	6.6L 6599 CC 403 CID OHV 32V V8; Duramax	2006-2014	203
Express 3500	4.8L 294 CID OHV 16V V8; Vortec	2005-2007	121
Express 3500	4.8L 294 CID OHV 16V V8; Vortec	2008-2014	120
Express 3500	5.3L 325 CID OHV 16V V8; Vortec	2006-2007	133
Express 3500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2008	120
Express 3500	5.7L 350 CID OHV 16V V8; Vortec	1996-2002	127
Express 3500	5.7L 350 CID OHV 16V V8; Chevrolet	1998-2002	160
Express 3500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2003-2007	121
Express 3500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2008-2009	120
Express 3500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2010-2013	135
Express 3500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2011-2015	169
Express 3500	6.5L 395 CID OHV 16V V8	1996-2002	179
Express 3500	6.6L 6599 CC 403 CID OHV 32V V8; Duramax	2006-2014	203
Express 3500	7.4L 454 CID OHV 16V V8; Vortec	1996-2000	202
Express 3500	8.1L 496 CID OHV 16V V8; Vortec	2001-2002	216

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MODEL	ENGINE	YEAR	BLOCK
Express 4500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2009	120
Express 4500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2010-2013	135
Express 4500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2012-2013	169
Express 4500	6.6L 6599 CC 403 CID OHV 32V V8; Duramax	2009-2014	203
F350	5.5L 5522 CC 337 CID OHV 16V V8	1959	144
F370	5.5L 5522 CC 337 CID OHV 16V V8	1959	144
F85	3.5L 3528 CC 215 CID OHV 16V V8	1961-1963	108
F85	3.7L 3687 CC 225 CID OHV 12V V6	1964-1965	76
F85	3.7L 3687 CC 225 CID OHV 12V V6	1964-1965	77
F85	4.1L 4097 CC 250 CID OHV 12V L6	1966-1971	93
F85	4.1L 4097 CC 250 CID OHV 12V L6	1966-1971	91
F85	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1966-1971	93
F85	5.4L 5409 CC 330 CID OHV 16V V8	1964-1965	141
F85	5.4L 5409 CC 330 CID OHV 16V V8	1966-1967	142
F85	5.7L 5733 CC 350 CID OHV 16V V8	1968-1971	165
F85	5.7L 5733 CC 350 CID OHV 16V V8	1972	164
F85	5.7L 5737 CC 350 CID OHV 16V V8; Oldsmobile	1968-1972	164
F85	6.6L 6555 CC 400 CID OHV 16V V8	1965-1966	185
F85	7.5L 7456 CC 455 CID OHV 16V V8	1970	185
F85	7.5L 7456 CC 455 CID OHV 16V V8	1970-1972	184
Fiero	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1984-1988	44
Fiero	2.8L 173 CID OHV 12V V6; Chevrolet	1985-1988	55
Fiesta	6.1L 6081 CC 371 CID OHV 16V V8	1959-1960	174
Fiesta	6.1L 6081 CC 371 CID OHV 16V V8	1959-1960	175
Fiesta	6.5L 6458 CC 394 CID OHV 16V V8	1961-1964	175
Firebird	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1982-1986	42
Firebird	2.8L 173 CID OHV 12V V6; Chevrolet	1982-1984	56
Firebird	2.8L 173 CID OHV 12V V6; Chevrolet	1985-1989	55
Firebird	3.1L 189 CID OHV 12V V6; Chevrolet	1990-1992	57
Firebird	3.4L 207 CID OHV 12V V6; Chevrolet	1993-1995	57
Firebird	3.8L 3769 CC 230 CID SOHC 12V L6	1967	79
Firebird	3.8L 231 CID OHV 12V V6; Buick	1977	80
Firebird	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1978-1981	59
Firebird	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1989	84
Firebird	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1995-2002	86
Firebird	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1976	90
Firebird	4.1L 4097 CC 250 CID SOHC 12V L6	1968-1969	91
Firebird	4.1L 4097 CC 250 CID OHV 12V L6	1970-1971	93
Firebird	4.1L 4097 CC 250 CID OHV 12V L6	1970-1971	91
Firebird	4.1L 4097 CC 250 CID OHV 12V L6	1970-1971	79
Firebird	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
Firebird	4.1L 4098 CC 250 CID SOHC 12V L6; Pontiac	1968-1969	92
Firebird	4.1L 4098 CC 250 CID SOHC 12V L6; Pontiac	1968-1969	79
Firebird	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1970-1971	93
Firebird	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
Firebird	4.3L 265 CID OHV 16V V8; Pontiac	1981	116
Firebird	4.9L 301 CID OHV 16V V8; Pontiac	1977-1981	116
Firebird	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1992	127
Firebird	5.3L 5343 CC 326 CID OHV 16V V8	1967	138
Firebird	5.7L 350 CID OHV 16V V8; Pontiac	1975	137



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MODEL	ENGINE	YEAR	BLOCK
Firebird	5.7L 350 CID OHV 16V V8; Pontiac	1975-1976	138
Firebird	5.7L 350 CID OHV 16V V8; Oldsmobile	1976-1977	151
Firebird	5.7L 350 CID OHV 16V V8; Oldsmobile	1977	166
Firebird	5.7L 350 CID OHV 16V V8; Chevrolet	1978-1979	158
Firebird	5.7L 350 CID OHV 16V V8; Chevrolet	1987-1997	127
Firebird	5.7L 350 CID OHV 16V V8; Chevrolet	1995-2001	160
Firebird	5.7L 350 CID OHV 16V V8; Chevrolet	1998-2002	155
Firebird	5.7L 5733 CC 350 CID OHV 16V V8	1968-1969	153
Firebird	5.7L 5733 CC 350 CID OHV 16V V8	1968-1971	154
Firebird	5.7L 5733 CC 350 CID OHV 16V V8	1970	152
Firebird	5.7L 5733 CC 350 CID OHV 16V V8	1972-1974	149
Firebird	5.7L 5737 CC 350 CID OHV 16V V8; Pontiac	1972-1974	138
Firebird	6.6L 400 CID OHV 16V V8; Pontiac	1975	192
Firebird	6.6L 400 CID OHV 16V V8; Pontiac	1976-1979	196
Firebird	6.6L 6555 CC 400 CID OHV 16V V8	1967-1969	188
Firebird	6.6L 6555 CC 400 CID OHV 16V V8	1967-1971	138
Firebird	6.6L 6555 CC 400 CID OHV 16V V8	1970	137
Firebird	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	187
Firebird	6.6L 403 CID OHV 16V V8; Oldsmobile	1977-1979	111
Firebird	7.5L 455 CID OHV 16V V8; Pontiac	1975-1976	213
Firebird	7.5L 7456 CC 455 CID OHV 16V V8	1971-1974	213
Firenza	1.8L 112 CID SOHC 8V L4 OPEL	1982-1986	15
Firenza	2.0L 121 CID OHV 8V L4; Chevrolet	1987-1988	18
Firenza	2.0L 122 CID OHV 8V L4; Chevrolet	1983-1986	19
Firenza	2.0L 122 CID SOHC 8V L4 OPEL	1987-1988	21
Firenza	2.8L 173 CID OHV 12V V6; Chevrolet	1985-1986	55
Firenza	2.8L 173 CID OHV 12V V6; Chevrolet	1987	57
Fleetwood	4.1L 250 CID OHV 16V V8; Cadillac	1982-1987	110
Fleetwood	4.1L 252 CID OHV 12V V6; Buick	1980-1982	94
Fleetwood	4.5L 273 CID OHV 16V V8; Cadillac	1988-1990	110
Fleetwood	4.9L 300 CID OHV 16V V8; Cadillac	1991-1992	110
Fleetwood	5.0L 307 CID OHV 16V V8; Oldsmobile	1986	129
Fleetwood	5.7L 350 CID OHV 16V V8; Oldsmobile	1979-1985	161
Fleetwood	5.7L 350 CID OHV 16V V8; Chevrolet	1993-1996	127
Fleetwood	6.0L 368 CID OHV 16V V8; Cadillac	1980-1984	173
Fleetwood	7.0L 425 CID OHV 16V V8; Cadillac	1977-1979	173
Fleetwood	7.0L 7031 CC 429 CID OHV 16V V8	1965-1967	208
Fleetwood	7.7L 7735 CC 472 CID OHV 16V V8	1968-1974	173
Fleetwood	8.2L 500 CID OHV 16V V8; Cadillac	1975-1976	173
FM340	5.5L 5522 CC 337 CID OHV 16V V8	1959	144
FM350	5.5L 5522 CC 337 CID OHV 16V V8	1959	144
G10	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1984	90
G10	4.3L 262 CID OHV 12V V6; Chevrolet	1985-1986	100
G10	4.3L 262 CID OHV 12V V6; Chevrolet	1987-1995	99
G10	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1995	127
G10	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1993	127
G10	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1986	158
G10	6.6L 400 CID OHV 16V V8; Chevrolet	1976	189
G1000 Series	2.5L 2507 CC 153 CID OHV 8V L4	1963-1965	45
G1000 Series	3.2L 3180 CC 194 CID OHV 12V L6	1963-1966	61

GENERAL MOTORS CORP

MODEL	ENGINE	YEAR	BLOCK
G1000 Series	3.8L 3769 CC 230 CID OHV 12V L6	1964-1966	61
G10 Van	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1967	93
G10 Van	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
G10 Van	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
G10 Van	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973-1974	202
G15	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1978	90
G15	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1978	127
G15	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1976	127
G15	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1978	158
G15	6.6L 400 CID OHV 16V V8; Chevrolet	1976	189
G15/G1500 Van	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1967	93
G15/G1500 Van	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
G15/G1500 Van	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
G1500	4.1L 250 CID OHV 12V L6; Chevrolet	1979-1984	90
G1500	4.3L 262 CID OHV 12V V6; Chevrolet	1985-1986	100
G1500	4.3L 262 CID OHV 12V V6; Chevrolet	1987-1995	99
G1500	5.0L 305 CID OHV 16V V8; Chevrolet	1979-1995	127
G1500	5.7L 350 CID OHV 16V V8; Chevrolet	1979-1986	158
G1500	5.7L 350 CID OHV 16V V8; Chevrolet	1987-1993	127
G1500	6.6L 400 CID OHV 16V V8; Chevrolet	1979	189
G20	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1984	90
G20	4.3L 262 CID OHV 12V V6; Chevrolet	1985-1986	100
G20	4.3L 262 CID OHV 12V V6; Chevrolet	1987-1995	99
G20	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1980	104
G20	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1995	127
G20	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1995	127
G20	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1986	158
G20	6.2L 379 CID OHV 16V V8	1983-1993	179
G20	6.5L 395 CID OHV 16V V8	1994-1995	179
G20	6.6L 400 CID OHV 16V V8; Chevrolet	1975-1980	189
G20	7.4L 454 CID OHV 16V V8; Chevrolet	1976	202
G20 Van	3.8L 3769 CC 230 CID OHV 12V L6	1967-1969	61
G20 Van	4.1L 4097 CC 250 CID OHV 12V L6	1967	93
G20 Van	4.1L 4097 CC 250 CID OHV 12V L6	1968-1972	91
G20 Van	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
G20 Van	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
G20 Van	4.6L 4638 CC 283 CID OHV 16V V8	1967	115
G20 Van	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1973-1974	104
G20 Van	4.8L 4801 CC 292 CID OHV 12V L6	1971-1972	103
G20 Van	4.8L 4801 CC 292 CID OHV 12V L6	1972-1974	104
G20 Van	4.8L 4801 CC 292 CID OHV 12V L6	1974	106
G20 Van	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	130
G20 Van	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
G20 Van	5.7L 5736 CC 350 CID OHV 16V V8	1970-1971	114
G20 Van	5.7L 5736 CC 350 CID OHV 16V V8	1970-1974	157
G20 Van	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
G20 Van	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
G20 Van	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
G20 Van	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
G20 Van	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973-1974	202



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MODEL	ENGINE	YEAR	BLOCK
G25	4.1L 250 CID OHV 12V L6; Chevrolet	1978	90
G25	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1978	104
G25	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1978	127
G25	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1976	127
G25	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1978	158
G25	6.6L 400 CID OHV 16V V8; Chevrolet	1975-1978	189
G25	7.4L 454 CID OHV 16V V8; Chevrolet	1975-1976	202
G25/G2500 Van	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1967	93
G25/G2500 Van	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
G25/G2500 Van	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1974	104
G25/G2500 Van	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
G2500	4.1L 250 CID OHV 12V L6; Chevrolet	1979-1984	90
G2500	4.3L 262 CID OHV 12V V6; Chevrolet	1985-1986	100
G2500	4.3L 262 CID OHV 12V V6; Chevrolet	1987-1995	99
G2500	5.0L 305 CID OHV 16V V8; Chevrolet	1979-1995	127
G2500	5.7L 350 CID OHV 16V V8; Chevrolet	1979-1986	158
G2500	5.7L 350 CID OHV 16V V8; Chevrolet	1980-1995	127
G2500	6.2L 379 CID OHV 16V V8	1983-1993	179
G2500	6.5L 395 CID OHV 16V V8	1994-1995	179
G2500	6.6L 400 CID OHV 16V V8; Chevrolet	1979-1980	189
G30	4.1L 250 CID OHV 12V L6; Chevrolet	1976-1984	90
G30	4.3L 262 CID OHV 12V V6; Chevrolet	1985-1986	100
G30	4.3L 262 CID OHV 12V V6; Chevrolet	1987-2002	99
G30	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1979	104
G30	5.0L 305 CID OHV 16V V8; Chevrolet	1978-1985	127
G30	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1996	127
G30	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1986	158
G30	6.2L 379 CID OHV 16V V8	1983-1993	179
G30	6.5L 395 CID OHV 16V V8	1994-1996	179
G30	6.6L 400 CID OHV 16V V8; Chevrolet	1975-1980	189
G30	7.4L 454 CID OHV 16V V8; Chevrolet	1975-1996	202
G30 Van	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
G30 Van	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1974	104
G30 Van	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
G30 Van	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973-1974	202
G35	4.1L 250 CID OHV 12V L6; Chevrolet	1978	90
G35	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1978	104
G35	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1976	127
G35	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1978	158
G35	6.6L 400 CID OHV 16V V8; Chevrolet	1975-1978	189
G35	7.4L 454 CID OHV 16V V8; Chevrolet	1976	202
G35/G3500 Van	4.1L 4097 CC 250 CID OHV 12V L6	1970-1972	91
G35/G3500 Van	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
G35/G3500 Van	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
G35/G3500 Van	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1974	104
G35/G3500 Van	4.8L 4801 CC 292 CID OHV 12V L6	1974	104
G35/G3500 Van	4.8L 4801 CC 292 CID OHV 12V L6	1974	106
G35/G3500 Van	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
G35/G3500 Van	5.0L 5031 CC 307 CID OHV 16V V8	1973	130
G35/G3500 Van	5.7L 5736 CC 350 CID OHV 16V V8	1970-1974	157

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MODEL	ENGINE	YEAR	BLOCK
G35/G3500 Van	5.7L 5736 CC 350 CID OHV 16V V8	1971-1972	114
G35/G3500 Van	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
G35/G3500 Van	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
G35/G3500 Van	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
G35/G3500 Van	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
G3500	4.1L 250 CID OHV 12V L6; Chevrolet	1979-1984	90
G3500	4.3L 262 CID OHV 12V V6; Chevrolet	1985-1986	100
G3500	4.3L 262 CID OHV 12V V6; Chevrolet	1987-1995	99
G3500	5.0L 305 CID OHV 16V V8; Chevrolet	1981	127
G3500	5.7L 350 CID OHV 16V V8; Chevrolet	1979-1988	158
G3500	5.7L 350 CID OHV 16V V8; Chevrolet	1980-1996	127
G3500	5.7L 350 CID OHV 16V V8; Pontiac	1984	114
G3500	6.2L 379 CID OHV 16V V8	1983-1993	179
G3500	6.5L 395 CID OHV 16V V8	1994-1996	179
G3500	6.6L 400 CID OHV 16V V8; Chevrolet	1979-1980	189
G3500	7.4L 454 CID OHV 16V V8	1988-1996	202
G5	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2007-2008	32
G5	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2007-2010	30
G5	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2009	33
G5	2.4L 145 CID DOHC 16V L4; Ecotec	2008	22
G5	2.4L 2384 CC 145 CID DOHC 16V L4; Ecotec	2007	22
G6	2.4L 145 CID DOHC 16V L4; Ecotec	2010	22
G6	2.4L 2384 CC 145 CID DOHC 16V L4; Ecotec	2006-2010	22
G6	3.5L 211 CID OHV 12V V6	2005	69
G6	3.5L 3490 CC 213 CID OHV 12V V6	2007-2010	72
G6	3.5L 214 CID OHV 12V V6	2006	71
G6	3.6L 217 CID DOHC 24V V6	2007-2009	54
G6	3.9L 3880 CC 237 CID OHV 12V V6	2006-2009	72
G8	3.6L 217 CID DOHC 24V V6	2008-2009	54
G8	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2008-2009	120
G8	6.2L 6162 CC 376 CID OHV 16V V8	2009	135
Grand Am	2.0L 122 CID SOHC 8V L4 OPEL	1987-1989	21
Grand Am	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2002-2005	30
Grand Am	2.3L 138 CID DOHC 16V L4; Quad 4	1988-1995	35
Grand Am	2.3L 138 CID SOHC 8V L4; Quad 4	1992-1994	34
Grand Am	2.3L 140 CID DOHC 16V L4; Quad 4	1989-1994	36
Grand Am	2.4L 2392 CC 146 CID DOHC 16V L4; Oldsmobile	1996-2001	40
Grand Am	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1985-1991	41
Grand Am	3.0L 181 CID OHV 12V V6; Buick	1985-1987	58
Grand Am	3.1L 189 CID OHV 12V V6; Chevrolet	1994-1998	57
Grand Am	3.3L 204 CID OHV 12V V6; Buick	1992-1993	65
Grand Am	3.4L 207 CID OHV 12V V6; Chevrolet	1999-2005	57
Grand Am	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1979	59
Grand Am	4.9L 301 CID OHV 16V V8; Pontiac	1978-1980	116
Grand Am	5.0L 305 CID OHV 16V V8; Chevrolet	1978-1980	127
Grand Am	5.7L 350 CID OHV 16V V8; Oldsmobile	1975	150
Grand Am	5.7L 5733 CC 350 CID OHV 16V V8	1973-1974	149
Grand Am	5.7L 5737 CC 350 CID OHV 16V V8; Pontiac	1973	138
Grand Am	6.6L 400 CID OHV 16V V8; Chevrolet	1975	191
Grand Am	6.6L 400 CID OHV 16V V8; Pontiac	1975	192



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MODEL	ENGINE	YEAR	BLOCK
Grand Am	6.6L 6555 CC 400 CID OHV 16V V8	1973-1974	187
Grand Am	7.5L 455 CID OHV 16V V8; Pontiac	1975	213
Grand Am	7.5L 7456 CC 455 CID OHV 16V V8	1973-1974	213
Grand Am	7.5L 7457 CC 455 CID OHV 16V V8; Pontiac	1974	213
Grand LeMans	3.8L 229 CID OHV 12V V6; Buick	1980	78
Grand LeMans	3.8L 231 CID OHV 12V V6; Buick	1977	80
Grand LeMans	3.8L 231 CID OHV 12V V6; Buick	1979	62
Grand LeMans	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1978-1981	59
Grand LeMans	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1976	90
Grand LeMans	4.3L 260 CID OHV 16V V8; Oldsmobile	1976	112
Grand LeMans	4.3L 265 CID OHV 16V V8; Pontiac	1980-1981	116
Grand LeMans	4.9L 301 CID OHV 16V V8; Pontiac	1977-1981	116
Grand LeMans	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1980	127
Grand LeMans	5.7L 350 CID OHV 16V V8; Oldsmobile	1975	150
Grand LeMans	5.7L 350 CID OHV 16V V8; Pontiac	1975-1976	138
Grand LeMans	5.7L 350 CID OHV 16V V8; Oldsmobile	1976-1977	151
Grand LeMans	5.7L 350 CID OHV 16V V8; Oldsmobile	1977	166
Grand LeMans	5.7L 350 CID OHV 16V V8; Chevrolet	1978-1979	158
Grand LeMans	6.6L 400 CID OHV 16V V8; Chevrolet	1975	191
Grand LeMans	6.6L 400 CID OHV 16V V8; Pontiac	1975	192
Grand LeMans	6.6L 400 CID OHV 16V V8; Pontiac	1976-1977	196
Grand LeMans	6.6L 403 CID OHV 16V V8; Oldsmobile	1977	111
Grand LeMans	7.5L 455 CID OHV 16V V8; Pontiac	1975-1976	213
Grand Prix	2.3L 138 CID DOHC 16V L4; Quad 4	1990-1991	35
Grand Prix	2.8L 173 CID OHV 12V V6; Chevrolet	1988-1989	57
Grand Prix	3.1L 189 CID OHV 12V V6; Chevrolet	1989-2003	57
Grand Prix	3.4L 207 CID DOHC 24V V6; Chevrolet	1991-1996	68
Grand Prix	3.8L 231 CID OHV 12V V6; Buick	1979	62
Grand Prix	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1978-1987	59
Grand Prix	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1997-2003	86
Grand Prix	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1997-2003	87
Grand Prix	3.8L 3800 CC 231 CID OHV 12V V6; Buick	2004-2007	81
Grand Prix	3.8L 3800 CC 231 CID OHV 12V V6; Buick	2004-2008	82
Grand Prix	4.1L 252 CID OHV 12V V6; Buick	1982	94
Grand Prix	4.3L 262 CID OHV 12V V6; Chevrolet	1986-1987	99
Grand Prix	4.3L 265 CID OHV 16V V8; Pontiac	1980-1981	116
Grand Prix	4.9L 301 CID OHV 16V V8; Pontiac	1977-1980	116
Grand Prix	5.0L 305 CID OHV 16V V8; Chevrolet	1978-1987	127
Grand Prix	5.3L 5328 CC 325 CID OHV 16V V8	2005-2008	120
Grand Prix	5.7L 350 CID OHV 16V V8; Pontiac	1976	138
Grand Prix	5.7L 350 CID OHV 16V V8; Oldsmobile	1976-1977	151
Grand Prix	5.7L 350 CID OHV 16V V8; Oldsmobile	1977	166
Grand Prix	5.7L 350 CID OHV 16V V8; Oldsmobile	1981-1984	161
Grand Prix	6.4L 6376 CC 389 CID OHV 16V V8	1962-1966	137
Grand Prix	6.6L 400 CID OHV 16V V8; Chevrolet	1975-1976	191
Grand Prix	6.6L 400 CID OHV 16V V8; Pontiac	1975-1976	192
Grand Prix	6.6L 400 CID OHV 16V V8; Pontiac	1976-1977	196
Grand Prix	6.6L 6555 CC 400 CID OHV 16V V8	1967-1969	188
Grand Prix	6.6L 6555 CC 400 CID OHV 16V V8	1967-1971	138
Grand Prix	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	187

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MODEL	ENGINE	YEAR	BLOCK
Grand Prix	6.6L 403 CID OHV 16V V8; Oldsmobile	1977	111
Grand Prix	6.9L 6900 CC 421 CID OHV 16V V8	1963-1966	205
Grand Prix	7.0L 7014 CC 428 CID OHV 16V V8	1967-1969	205
Grand Prix	7.5L 455 CID OHV 16V V8; Pontiac	1975-1976	213
Grand Prix	7.5L 7456 CC 455 CID OHV 16V V8	1970-1974	213
Grand Prix	7.5L 7457 CC 455 CID OHV 16V V8; Pontiac	1973	213
Grand Safari	4.9L 301 CID OHV 16V V8; Pontiac	1977	116
Grand Safari	5.7L 350 CID OHV 16V V8; Oldsmobile	1977	166
Grand Safari	5.7L 5733 CC 350 CID OHV 16V V8	1971	154
Grand Safari	5.7L 5733 CC 350 CID OHV 16V V8	1972-1974	149
Grand Safari	6.6L 400 CID OHV 16V V8; Pontiac	1976-1978	196
Grand Safari	6.6L 6555 CC 400 CID OHV 16V V8	1971	138
Grand Safari	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	187
Grand Safari	6.6L 403 CID OHV 16V V8; Oldsmobile	1977-1978	111
Grand Safari	7.5L 455 CID OHV 16V V8; Pontiac	1976	213
Grand Safari	7.5L 7456 CC 455 CID OHV 16V V8	1971	205
Grand Safari	7.5L 7456 CC 455 CID OHV 16V V8	1971-1974	213
Grand Safari	7.5L 7457 CC 455 CID OHV 16V V8; Pontiac	1972-1974	213
Grandville	6.6L 400 CID OHV 16V V8; Chevrolet	1975	191
Grandville	6.6L 400 CID OHV 16V V8; Pontiac	1975	192
Grandville	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	187
Grandville	7.5L 455 CID OHV 16V V8; Pontiac	1975	213
Grandville	7.5L 7456 CC 455 CID OHV 16V V8	1971-1974	213
Grandville	7.5L 7457 CC 455 CID OHV 16V V8; Pontiac	1972-1974	213
Gran Sport	5.6L 5573 CC 340 CID OHV 16V V8	1967	124
Gran Sport	6.6L 6555 CC 400 CID OHV 16V V8	1966	200
Gran Sport	6.6L 6555 CC 400 CID OHV 16V V8	1967	186
GS	5.7L 5736 CC 350 CID OHV 16V V8	1970-1972	146
GS 350	5.7L 5736 CC 350 CID OHV 16V V8	1968-1969	146
GS 400	6.6L 6555 CC 400 CID OHV 16V V8	1968-1969	186
GS 455	7.5L 7456 CC 455 CID OHV 16V V8	1970-1972	209
GTO	5.7L 350 CID OHV 16V V8; Chevrolet	2004	155
GTO	6.0L 5967 CC 364 CID OHV 16V V8	2005-2006	120
GTO	6.4L 6376 CC 389 CID OHV 16V V8	1964-1966	137
GTO	6.6L 6555 CC 400 CID OHV 16V V8	1967-1969	188
GTO	6.6L 6555 CC 400 CID OHV 16V V8	1967-1971	138
GTO	6.6L 6555 CC 400 CID OHV 16V V8	1970	137
GTO	6.6L 6555 CC 400 CID OHV 16V V8	1972-1973	187
GTO	7.5L 7456 CC 455 CID OHV 16V V8	1970-1973	213
H1	6.5L 395 CID OHV 16V V8	2002	181
H1	6.6L 400 CID OHV 32V V8; Duramax	2006	201
H2	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2003-2007	121
H2	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2004-2007	170
H2	6.0L 5967 CC 364 CID OHV 16V V8	2005-2006	120
H2	6.2L 376 CID OHV 16V V8; Vortec	2009	133
H2	6.2L 6162 CC 376 CID OHV 16V V8; Vortec	2008	120
H2	6.2L 6162 CC 376 CID OHV 16V V8; Vortec	2009	135
H2	6.2L 6199 CC 378 CID OHV 16V V8; Vortec	2008	135
H3	3.5L 3460 CC 211 CID DOHC 20V L5	2006	50
H3	3.7L 3654 CC 223 CID DOHC 20V L5	2007-2010	52



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MODEL	ENGINE	YEAR	BLOCK
H3	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2008-2009	133
H3	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2008-2010	136
H3T	3.7L 3654 CC 223 CID DOHC 20V L5	2009-2010	52
H3T	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2009	133
H3T	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2010	136
HHR	2.0L 1998 CC 122 CID DOHC 16V L4; Ecotec	2008-2010	22
HHR	2.2L 2189 CC 134 CID DOHC 16V L4; Ecotec	2006	30
HHR	2.2L 2189 CC 134 CID DOHC 16V L4; Ecotec	2009-2011	25
HHR	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2007-2008	30
HHR	2.4L 145 CID DOHC 16V L4; Ecotec	2006-2010	22
HHR	2.4L 145 CID DOHC 16V L4; Ecotec	2011	25
I1000	3.8L 3769 CC 230 CID OHV 12V L6	1964-1965	61
I1000	4.1L 4097 CC 250 CID OHV 12V L6	1966	93
I1500	3.8L 3769 CC 230 CID OHV 12V L6	1965	61
I1500	4.1L 4097 CC 250 CID OHV 12V L6	1966	93
I2500	3.8L 3769 CC 230 CID OHV 12V L6	1965	61
I2500	4.1L 4097 CC 250 CID OHV 12V L6	1966	93
I3500	4.1L 4097 CC 250 CID OHV 12V L6	1966	93
Impala	3.4L 207 CID OHV 12V V6; Chevrolet	2000-2005	57
Impala	3.5L 3490 CC 213 CID OHV 12V V6	2006-2011	72
Impala	3.8L 229 CID OHV 12V V6; Chevrolet	1980-1984	78
Impala	3.8L 3769 CC 230 CID OHV 12V L6	1963-1965	61
Impala	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1980-1985	59
Impala	3.8L 3800 CC 231 CID OHV 12V V6; Buick	2000-2005	86
Impala	3.8L 3800 CC 231 CID OHV 12V V6; Buick	2004-2005	87
Impala	3.8L 3852 CC 235 CID OHV 12V L6	1958-1962	89
Impala	3.9L 3880 CC 237 CID OHV 12V V6	2006-2011	72
Impala	4.1L 250 CID OHV 12V L6; Chevrolet	1977-1979	90
Impala	4.1L 4097 CC 250 CID OHV 12V L6	1966-1971	93
Impala	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
Impala	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1965-1971	93
Impala	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1973	90
Impala	4.3L 262 CID OHV 12V V6; Chevrolet	1985	99
Impala	4.4L 267 CID OHV 16V V8; Chevrolet	1980-1982	114
Impala	4.6L 4638 CC 283 CID OHV 16V V8	1958-1967	115
Impala	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1985	127
Impala	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	131
Impala	5.0L 5031 CC 307 CID OHV 16V V8	1971	128
Impala	5.3L 5328 CC 325 CID OHV 16V V8	2006-2009	120
Impala	5.3L 5358 CC 327 CID OHV 16V V8	1962-1969	140
Impala	5.7L 5704 CC 348 CID OHV 16V V8	1958-1961	145
Impala	5.7L 350 CID OHV 16V V8; Oldsmobile	1975	134
Impala	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1982	158
Impala	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1996	127
Impala	5.7L 350 CID OHV 16V V8; Oldsmobile	1980-1985	161
Impala	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	128
Impala	5.7L 5736 CC 350 CID OHV 16V V8	1972-1974	127
Impala	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
Impala	6.5L 6489 CC 396 CID OHV 16V V8	1965-1968	182
Impala	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183

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MODEL	ENGINE	YEAR	BLOCK
Impala	6.6L 400 CID OHV 16V V8; Chevrolet	1975-1976	189
Impala	6.6L 6555 CC 400 CID OHV 16V V8	1970-1971	193
Impala	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	199
Impala	6.6L 6555 CC 400 CID OHV 16V V8	1973-1974	198
Impala	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1970-1971	190
Impala	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1972-1974	195
Impala	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1974	189
Impala	6.6L 6588 CC 402 CID OHV 16V V8	1970-1971	183
Impala	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
Impala	6.7L 6704 CC 409 CID OHV 16V V8	1961-1965	145
Impala	7.0L 6998 CC 427 CID OHV 16V V8	1966-1969	182
Impala	7.4L 454 CID OHV 16V V8; Chevrolet	1975-1976	202
Impala	7.4L 7439 CC 454 CID OHV 16V V8	1970-1971	183
Impala	7.4L 7439 CC 454 CID OHV 16V V8	1972-1974	202
Impala	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1970-1974	202
Intrigue	3.5L 214 CID DOHC 24V V6; Oldsmobile	1999-2002	73
Intrigue	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1998-1999	86
Invicta	6.6L 6572 CC 401 CID OHV 16V V8	1959-1963	171
Invicta	6.6L 6572 CC 401 CID OHV 16V V8	1961-1963	200
Ion	2.0L 122 CID DOHC 16V L4; Ecotec	2004-2007	25
Ion	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2003-2007	30
Ion	2.4L 2384 CC 145 CID DOHC 16V L4; Ecotec	2006-2007	22
J2000	1.8L 112 CID SOHC 8V L4 OPEL	1982-1983	15
J2000	2.0L 122 CID OHV 8V L4; Chevrolet	1983	19
J2000 Sunbird	1.8L 112 CID SOHC 8V L4 OPEL	1984-1985	15
J2000 Sunbird	2.0L 122 CID OHV 8V L4; Chevrolet	1984-1985	19
Jetfire	3.5L 3528 CC 215 CID OHV 16V V8	1962-1963	108
Jetstar 88	5.4L 5409 CC 330 CID OHV 16V V8	1964-1965	141
Jetstar 88	5.4L 5409 CC 330 CID OHV 16V V8	1966	142
Jetstar I	6.5L 6458 CC 394 CID OHV 16V V8	1964	175
Jetstar I	7.0L 6966 CC 425 CID OHV 16V V8	1965	185
Jimmy	4.3L 4294 CC OHV 12V V6; Vortec	2005	96
Jimmy	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1982	90
Jimmy	4.1L 4097 CC 250 CID OHV 12V L6	1970-1972	91
Jimmy	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
Jimmy	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
Jimmy	4.3L 262 CID OHV 12V V6; Chevrolet	1992-2004	99
Jimmy	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1973	104
Jimmy	4.8L 4801 CC 292 CID OHV 12V L6	1970-1972	103
Jimmy	4.8L 4801 CC 292 CID OHV 12V L6	1972-1974	104
Jimmy	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1987	127
Jimmy	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
Jimmy	5.0L 5031 CC 307 CID OHV 16V V8	1973	130
Jimmy	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1991	127
Jimmy	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1986	158
Jimmy	5.7L 5736 CC 350 CID OHV 16V V8	1970	157
Jimmy	5.7L 5736 CC 350 CID OHV 16V V8	1971-1972	114
Jimmy	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
Jimmy	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
Jimmy	6.2L 379 CID OHV 16V V8	1982-1991	179



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MODEL	ENGINE	YEAR	BLOCK
Jimmy	6.6L 400 CID OHV 16V V8; Chevrolet	1975-1979	189
Jimmy	7.4L 454 CID OHV 16V V8; Chevrolet	1976	202
Jimmy	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
Jimmy	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973	202
K10	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1984	90
K10	4.3L 262 CID OHV 12V V6; Chevrolet	1985-1986	100
K10	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1980	104
K10	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1986	127
K10	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1986	127
K10	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1986	158
K10	6.2L 379 CID OHV 16V V8	1982-1986	179
K10	6.6L 400 CID OHV 16V V8; Chevrolet	1975-1980	189
K10	7.4L 454 CID OHV 16V V8; Chevrolet	1976-1980	202
K10	7.4L 454 CID OHV 16V V8	1980	212
K1000	5.0L 5012 CC 305 CID OHV 12V V6	1966	107
K1000	5.7L 5753 CC 351 CID OHV 12V V6	1966	107
K10 Pickup	3.8L 3769 CC 230 CID OHV 12V L6	1963-1969	61
K10 Pickup	3.8L 3852 CC 235 CID OHV 12V L6	1960-1962	89
K10 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1966-1967	93
K10 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1968-1972	91
K10 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
K10 Pickup	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1966-1967	93
K10 Pickup	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
K10 Pickup	4.3L 4278 CC 261 CID OHV 12V L6	1961-1962	88
K10 Pickup	4.6L 4638 CC 283 CID OHV 16V V8	1960-1967	115
K10 Pickup	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1972-1973	104
K10 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1963	105
K10 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1963-1972	103
K10 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1972-1974	104
K10 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	130
K10 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
K10 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1966-1969	140
K10 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1968	139
K10 Pickup	5.7L 5704 CC 348 CID OHV 16V V8	1960	145
K10 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	114
K10 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1969-1974	157
K10 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
K10 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
K10 Pickup	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
K10 Pickup	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
K10 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1972	183
K10 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
K10 Pickup	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
K10 Pickup	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1974	202
K10 Suburban	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1980	90
K10 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1967	93
K10 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1968-1972	91
K10 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
K10 Suburban	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
K10 Suburban	4.6L 4638 CC 283 CID OHV 16V V8	1967	115

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MODEL	ENGINE	YEAR	BLOCK
K10 Suburban	4.8L 4801 CC 292 CID OHV 12V L6	1967	103
K10 Suburban	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1986	127
K10 Suburban	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	130
K10 Suburban	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
K10 Suburban	5.3L 5358 CC 327 CID OHV 16V V8	1967-1969	140
K10 Suburban	5.3L 5358 CC 327 CID OHV 16V V8	1968	139
K10 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1986	127
K10 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1986	158
K10 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	114
K10 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1969-1974	157
K10 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
K10 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
K10 Suburban	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
K10 Suburban	6.2L 379 CID OHV 16V V8	1982-1986	179
K10 Suburban	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
K10 Suburban	6.6L 400 CID OHV 16V V8; Chevrolet	1975-1979	189
K10 Suburban	6.6L 6588 CC 402 CID OHV 16V V8	1972	183
K10 Suburban	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
K10 Suburban	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
K15	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1978	90
K15	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1976	104
K15	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1978	127
K15	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1976	127
K15	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1978	158
K15	6.6L 400 CID OHV 16V V8; Chevrolet	1975-1978	189
K15	7.4L 454 CID OHV 16V V8; Chevrolet	1976	202
K15/K1500 Pickup	3.8L 3769 CC 230 CID OHV 12V L6	1967-1969	61
K15/K1500 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1967	93
K15/K1500 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1968-1972	91
K15/K1500 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
K15/K1500 Pickup	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1967	93
K15/K1500 Pickup	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
K15/K1500 Pickup	4.6L 4638 CC 283 CID OHV 16V V8	1967	115
K15/K1500 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1967-1972	103
K15/K1500 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1972-1974	104
K15/K1500 Pickup	5.0L 5012 CC 305 CID OHV 12V V6	1966-1969	107
K15/K1500 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	130
K15/K1500 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
K15/K1500 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1967-1968	140
K15/K1500 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1968	139
K15/K1500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	114
K15/K1500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1969-1974	157
K15/K1500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
K15/K1500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
K15/K1500 Pickup	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
K15/K1500 Pickup	5.7L 5753 CC 351 CID OHV 12V V6	1966-1968	107
K15/K1500 Pickup	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
K15/K1500 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1972	183
K15/K1500 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
K15/K1500 Pickup	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202



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MODEL	ENGINE	YEAR	BLOCK
K15/K1500 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1967	93
K15/K1500 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1968-1972	91
K15/K1500 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
K15/K1500 Suburban	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
K15/K1500 Suburban	4.6L 4638 CC 283 CID OHV 16V V8	1967	115
K15/K1500 Suburban	4.8L 4801 CC 292 CID OHV 12V L6	1967-1971	103
K15/K1500 Suburban	5.0L 5012 CC 305 CID OHV 12V V6	1967-1969	107
K15/K1500 Suburban	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	130
K15/K1500 Suburban	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
K15/K1500 Suburban	5.3L 5358 CC 327 CID OHV 16V V8	1967-1968	140
K15/K1500 Suburban	5.3L 5358 CC 327 CID OHV 16V V8	1968	139
K15/K1500 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	114
K15/K1500 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1969-1974	157
K15/K1500 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
K15/K1500 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
K15/K1500 Suburban	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
K15/K1500 Suburban	5.7L 5753 CC 351 CID OHV 12V V6	1967-1968	107
K15/K1500 Suburban	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
K15/K1500 Suburban	6.6L 6588 CC 402 CID OHV 16V V8	1972	183
K15/K1500 Suburban	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
K15/K1500 Suburban	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
K1500	4.1L 250 CID OHV 12V L6; Chevrolet	1979-1984	90
K1500	4.3L 262 CID OHV 12V V6; Chevrolet	1985-1986	100
K1500	4.3L 262 CID OHV 12V V6; Chevrolet	1988-1998	99
K1500	4.8L 292 CID OHV 12V L6; Chevrolet	1979-1980	104
K1500	5.0L 305 CID OHV 16V V8; Chevrolet	1979-1995	127
K1500	5.0L 305 CID OHV 16V V8; Vortec	1996-1999	128
K1500	5.7L 350 CID OHV 16V V8; Chevrolet	1979-1986	158
K1500	5.7L 350 CID OHV 16V V8; Chevrolet	1980-1999	127
K1500	6.2L 379 CID OHV 16V V8	1982-1993	179
K1500	6.5L 395 CID OHV 16V V8	1994-1998	179
K1500	6.6L 400 CID OHV 16V V8; Chevrolet	1979-1980	189
K1500	7.4L 454 CID OHV 16V V8; Chevrolet	1979-1980	202
K1500 Suburban	4.1L 250 CID OHV 12V L6; Chevrolet	1979-1980	90
K1500 Suburban	5.0L 305 CID OHV 16V V8; Chevrolet	1979-1985	127
K1500 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1979-1986	158
K1500 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1980-1999	127
K1500 Suburban	6.2L 379 CID OHV 16V V8	1982-1986	179
K1500 Suburban	6.5L 395 CID OHV 16V V8	1995-1999	179
K1500 Suburban	6.6L 400 CID OHV 16V V8; Chevrolet	1979-1980	189
K15 Suburban	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1978	90
K15 Suburban	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1978	127
K15 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1976	127
K15 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1978	158
K15 Suburban	6.6L 400 CID OHV 16V V8; Chevrolet	1975-1978	189
K20	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1980	90
K20	4.3L 262 CID OHV 12V V6; Chevrolet	1985	100
K20	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1986	104
K20	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1985	127
K20	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1986	127



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MODEL	ENGINE	YEAR	BLOCK
K20	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1986	158
K20	6.2L 379 CID OHV 16V V8	1982-1986	179
K20	6.6L 400 CID OHV 16V V8; Chevrolet	1975-1980	189
K20	7.4L 454 CID OHV 16V V8; Chevrolet	1976-1980	202
K20	7.4L 454 CID OHV 16V V8	1980	212
K20 Panel	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1967	93
K20 Pickup	3.8L 3769 CC 230 CID OHV 12V L6	1963-1965	61
K20 Pickup	3.8L 3852 CC 235 CID OHV 12V L6	1960-1963	89
K20 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1966-1967	93
K20 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1968-1972	91
K20 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
K20 Pickup	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1966-1967	93
K20 Pickup	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
K20 Pickup	4.3L 4278 CC 261 CID OHV 12V L6	1961-1962	88
K20 Pickup	4.6L 4638 CC 283 CID OHV 16V V8	1960-1967	115
K20 Pickup	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1972-1974	104
K20 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1963	105
K20 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1963-1972	103
K20 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1972-1974	104
K20 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	130
K20 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
K20 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1966-1969	140
K20 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1968	139
K20 Pickup	5.7L 5704 CC 348 CID OHV 16V V8	1960	145
K20 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	114
K20 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1969-1974	157
K20 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
K20 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
K20 Pickup	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
K20 Pickup	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
K20 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1972	183
K20 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
K20 Pickup	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
K20 Pickup	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973-1974	202
K20 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1967	93
K20 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1968-1972	91
K20 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
K20 Suburban	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
K20 Suburban	4.6L 4638 CC 283 CID OHV 16V V8	1967	115
K20 Suburban	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1982	104
K20 Suburban	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1973-1974	104
K20 Suburban	4.8L 4801 CC 292 CID OHV 12V L6	1967-1972	103
K20 Suburban	4.8L 4801 CC 292 CID OHV 12V L6	1972-1974	104
K20 Suburban	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1986	127
K20 Suburban	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	130
K20 Suburban	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
K20 Suburban	5.3L 5358 CC 327 CID OHV 16V V8	1967-1969	140
K20 Suburban	5.3L 5358 CC 327 CID OHV 16V V8	1968	139
K20 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1986	127
K20 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1986	158



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MODEL	ENGINE	YEAR	BLOCK
K20 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	114
K20 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1969-1974	157
K20 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1971-1972	127
K20 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
K20 Suburban	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
K20 Suburban	6.2L 379 CID OHV 16V V8	1982-1986	179
K20 Suburban	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
K20 Suburban	6.6L 400 CID OHV 16V V8; Chevrolet	1975-1980	189
K20 Suburban	6.6L 6588 CC 402 CID OHV 16V V8	1972	183
K20 Suburban	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
K20 Suburban	7.4L 454 CID OHV 16V V8	1985	212
K20 Suburban	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
K20 Suburban	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973	202
K25	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1978	90
K25	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1978	104
K25	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1978	127
K25	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1976	127
K25	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1978	158
K25	6.6L 400 CID OHV 16V V8; Chevrolet	1975-1978	189
K25	7.4L 454 CID OHV 16V V8; Chevrolet	1976-1978	202
K25/K2500 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1967	93
K25/K2500 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1968-1972	91
K25/K2500 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
K25/K2500 Pickup	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1967	93
K25/K2500 Pickup	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
K25/K2500 Pickup	4.6L 4638 CC 283 CID OHV 16V V8	1967	115
K25/K2500 Pickup	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1973-1974	104
K25/K2500 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1967-1972	103
K25/K2500 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1972-1974	104
K25/K2500 Pickup	5.0L 5012 CC 305 CID OHV 12V V6	1967-1969	107
K25/K2500 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	130
K25/K2500 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
K25/K2500 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1967-1968	140
K25/K2500 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1968	139
K25/K2500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	114
K25/K2500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1969-1974	157
K25/K2500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
K25/K2500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
K25/K2500 Pickup	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
K25/K2500 Pickup	5.7L 5753 CC 351 CID OHV 12V V6	1967-1968	107
K25/K2500 Pickup	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
K25/K2500 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1972	183
K25/K2500 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
K25/K2500 Pickup	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
K25/K2500 Pickup	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973-1974	202
K25/K2500 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1967	93
K25/K2500 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1968-1972	91
K25/K2500 Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
K25/K2500 Suburban	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
K25/K2500 Suburban	4.6L 4638 CC 283 CID OHV 16V V8	1967	115

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MODEL	ENGINE	YEAR	BLOCK
K25/K2500 Suburban	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1973-1974	104
K25/K2500 Suburban	4.8L 4801 CC 292 CID OHV 12V L6	1967-1972	103
K25/K2500 Suburban	4.8L 4801 CC 292 CID OHV 12V L6	1972-1974	104
K25/K2500 Suburban	5.0L 5012 CC 305 CID OHV 12V V6	1967-1969	107
K25/K2500 Suburban	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	130
K25/K2500 Suburban	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
K25/K2500 Suburban	5.3L 5358 CC 327 CID OHV 16V V8	1967-1968	140
K25/K2500 Suburban	5.3L 5358 CC 327 CID OHV 16V V8	1968	139
K25/K2500 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	114
K25/K2500 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1969-1974	157
K25/K2500 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
K25/K2500 Suburban	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
K25/K2500 Suburban	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
K25/K2500 Suburban	5.7L 5753 CC 351 CID OHV 12V V6	1968	107
K25/K2500 Suburban	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
K25/K2500 Suburban	6.6L 6588 CC 402 CID OHV 16V V8	1972	183
K25/K2500 Suburban	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
K25/K2500 Suburban	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
K2500	4.1L 250 CID OHV 12V L6; Chevrolet	1980	90
K2500	4.3L 262 CID OHV 12V V6; Chevrolet	1985	100
K2500	4.3L 262 CID OHV 12V V6; Chevrolet	1988-1995	99
K2500	4.8L 292 CID OHV 12V L6; Chevrolet	1979-1986	104
K2500	5.0L 305 CID OHV 16V V8; Chevrolet	1988-1995	127
K2500	5.0L 305 CID OHV 16V V8; Vortec	1998	128
K2500	5.7L 350 CID OHV 16V V8; Chevrolet	1979-1986	158
K2500	5.7L 350 CID OHV 16V V8; Chevrolet	1979-2000	127
K2500	6.2L 379 CID OHV 16V V8	1982-1993	179
K2500	6.5L 395 CID OHV 16V V8	1992-2000	179
K2500	6.6L 400 CID OHV 16V V8; Chevrolet	1979-1980	189
K2500	7.4L 454 CID OHV 16V V8	1991-2000	202
K2500 Suburban	4.8L 292 CID OHV 12V L6; Chevrolet	1979-1984	104
K2500 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1979-1981	158
K2500 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1980-1999	127
K2500 Suburban	6.2L 379 CID OHV 16V V8	1982-1986	179
K2500 Suburban	6.5L 395 CID OHV 16V V8	1994-1999	179
K2500 Suburban	6.6L 400 CID OHV 16V V8; Chevrolet	1979-1980	189
K2500 Suburban	7.4L 454 CID OHV 16V V8	1992-1999	202
K25 Suburban	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1978	104
K25 Suburban	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1978	127
K25 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1976	127
K25 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1978	158
K25 Suburban	6.6L 400 CID OHV 16V V8; Chevrolet	1975-1978	189
K25 Suburban	7.4L 454 CID OHV 16V V8; Chevrolet	1976-1977	202
K30	4.8L 292 CID OHV 12V L6; Chevrolet	1977-1986	104
K30	5.7L 350 CID OHV 16V V8; Chevrolet	1977-1985	158
K30	5.7L 350 CID OHV 16V V8; Chevrolet	1980-1986	127
K30	6.2L 379 CID OHV 16V V8	1982-1986	179
K30	6.6L 400 CID OHV 16V V8; Chevrolet	1977-1980	189
K30	7.4L 454 CID OHV 16V V8; Chevrolet	1977-1980	202
K30	7.4L 454 CID OHV 16V V8	1981-1986	212



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MODEL	ENGINE	YEAR	BLOCK
K30 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1968-1972	91
K30 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
K30 Pickup	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
K30 Pickup	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1973-1974	104
K30 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1968-1972	103
K30 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1972-1974	104
K30 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	130
K30 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
K30 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1968	139
K30 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1968-1969	140
K30 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1969-1974	157
K30 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1971	114
K30 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
K30 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
K30 Pickup	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
K30 Pickup	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
K30 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1972	183
K30 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
K30 Pickup	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
K30 Pickup	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973-1974	202
K35	4.8L 292 CID OHV 12V L6; Chevrolet	1977-1978	104
K35	5.7L 350 CID OHV 16V V8; Chevrolet	1977-1978	158
K35	6.6L 400 CID OHV 16V V8; Chevrolet	1977-1978	189
K35/K3500 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1968-1972	91
K35/K3500 Pickup	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
K35/K3500 Pickup	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
K35/K3500 Pickup	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1973-1974	104
K35/K3500 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1968-1972	103
K35/K3500 Pickup	4.8L 4801 CC 292 CID OHV 12V L6	1972-1974	104
K35/K3500 Pickup	5.0L 5012 CC 305 CID OHV 12V V6	1968-1969	107
K35/K3500 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1968-1973	130
K35/K3500 Pickup	5.0L 5031 CC 307 CID OHV 16V V8	1970-1972	131
K35/K3500 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1968	140
K35/K3500 Pickup	5.3L 5358 CC 327 CID OHV 16V V8	1968	139
K35/K3500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	114
K35/K3500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1969-1973	157
K35/K3500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
K35/K3500 Pickup	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	130
K35/K3500 Pickup	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
K35/K3500 Pickup	5.7L 5753 CC 351 CID OHV 12V V6	1968	107
K35/K3500 Pickup	6.5L 6489 CC 396 CID OHV 16V V8	1968-1969	183
K35/K3500 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1972	183
K35/K3500 Pickup	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
K35/K3500 Pickup	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
K35/K3500 Pickup	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973-1974	202
K3500	4.8L 292 CID OHV 12V L6; Chevrolet	1979-1986	104
K3500	5.7L 350 CID OHV 16V V8; Chevrolet	1979-1980	158
K3500	5.7L 350 CID OHV 16V V8; Chevrolet	1979-2000	127
K3500	6.2L 379 CID OHV 16V V8	1982-1993	179
K3500	6.5L 395 CID OHV 16V V8	1992-2000	179

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MODEL	ENGINE	YEAR	BLOCK
K3500	6.6L 400 CID OHV 16V V8; Chevrolet	1979-1980	189
K3500	7.4L 454 CID OHV 16V V8; Chevrolet	1979-2000	202
K3500	7.4L 454 CID OHV 16V V8	1981-1986	212
K5 Blazer	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1982	90
K5 Blazer	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1986	127
K5 Blazer	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1976	127
K5 Blazer	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1986	158
K5 Blazer	6.2L 379 CID OHV 16V V8	1982-1986	179
K5 Blazer	6.6L 400 CID OHV 16V V8; Chevrolet	1975-1979	189
K5 Blazer	7.4L 454 CID OHV 16V V8; Chevrolet	1976-1978	202
Kingswood	3.8L 3852 CC 235 CID OHV 12V L6	1959-1961	89
Kingswood	4.1L 4097 CC 250 CID OHV 12V L6	1969-1971	93
Kingswood	4.1L 4097 CC 250 CID OHV 12V L6	1972	90
Kingswood	4.6L 4638 CC 283 CID OHV 16V V8	1959-1961	115
Kingswood	5.0L 5031 CC 307 CID OHV 16V V8	1969-1972	131
Kingswood	5.0L 5031 CC 307 CID OHV 16V V8	1971	128
Kingswood	5.3L 5358 CC 327 CID OHV 16V V8	1969	140
Kingswood	5.7L 5704 CC 348 CID OHV 16V V8	1959-1961	145
Kingswood	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	128
Kingswood	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
Kingswood	6.5L 6489 CC 396 CID OHV 16V V8	1969	183
Kingswood	6.6L 6555 CC 400 CID OHV 16V V8	1970-1971	193
Kingswood	6.6L 6555 CC 400 CID OHV 16V V8	1972	199
Kingswood	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1970-1971	190
Kingswood	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1972	195
Kingswood	6.6L 6588 CC 402 CID OHV 16V V8	1970-1971	183
Kingswood	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
Kingswood	7.0L 6998 CC 427 CID OHV 16V V8	1969	182
Kingswood	7.4L 7439 CC 454 CID OHV 16V V8	1970-1971	183
Kingswood	7.4L 7439 CC 454 CID OHV 16V V8	1972	202
Kingswood	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1970-1972	202
L100	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2001-2002	30
L200	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2001-2003	30
L30	5.7L 350 CID OHV 16V V8; Chevrolet	1999-2000	127
L300	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2004	30
L300	3.0L 3000 CC 181 CID DOHC 24V V6 OPEL; Ecotec	2001-2005	60
L3500	5.0L 5012 CC 305 CID OHV 12V V6	1965-1967	107
L3500	5.7L 5753 CC 351 CID OHV 12V V6	1965-1967	107
LaCrosse	2.4L 2384 CC 145 CID DOHC 16V L4; Ecotec	2010	22
LaCrosse	2.4L 2384 CC 145 CID DOHC 16V L4; Ecotec	2011-2015	38
LaCrosse	3.0L 182 CID DOHC 24V V6	2010	54
LaCrosse	3.6L 217 CID DOHC 24V V6	2005-2011	54
LaCrosse	3.6L 217 CID DOHC 24V V6	2011	74
LaCrosse	3.6L 3564 CC 217 CID DOHC 24V V6	2010	75
LaCrosse	3.8L 3800 CC 231 CID OHV 12V V6; Buick	2005-2009	82
LaCrosse	5.3L 5328 CC 325 CID OHV 16V V8	2008-2009	120
Laguna	5.0L 305 CID OHV 16V V8; Chevrolet	1976	127
Laguna	5.0L 5031 CC 307 CID OHV 16V V8	1973	131
Laguna	5.7L 350 CID OHV 16V V8; Oldsmobile	1975	134
Laguna	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1976	158



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MODEL	ENGINE	YEAR	BLOCK
Laguna	5.7L 350 CID OHV 16V V8; Chevrolet	1976	127
Laguna	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	127
Laguna	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
Laguna	6.6L 400 CID OHV 16V V8; Chevrolet	1975-1976	189
Laguna	6.6L 6555 CC 400 CID OHV 16V V8	1973-1974	198
Laguna	6.6L 6555 CC 400 CID OHV 16V V8	1973-1974	199
Laguna	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1974	189
Laguna	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1974	195
Laguna	7.4L 454 CID OHV 16V V8; Chevrolet	1975	202
Laguna	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
Laguna	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973-1974	202
Laurentian	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1981	127
Laurentian	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	128
Laurentian	5.7L 5736 CC 350 CID OHV 16V V8	1972-1974	127
Laurentian	6.5L 6489 CC 396 CID OHV 16V V8	1966	182
Laurentian	7.0L 6998 CC 427 CID OHV 16V V8	1966	182
LeMans	1.6L 1588 CC 98 CID SOHC 8V L4 OPEL	1988-1993	8
LeMans	2.0L 122 CID SOHC 8V L4 OPEL	1989-1990	21
LeMans	3.2L 3196 CC 195 CID OHV 8V L4	1963	49
LeMans	3.5L 3524 CC 215 CID OHV 12V L6	1964-1965	61
LeMans	3.8L 229 CID OHV 12V V6; Buick	1980	78
LeMans	3.8L 3769 CC 230 CID SOHC 12V L6	1966-1967	79
LeMans	3.8L 231 CID OHV 12V V6; Buick	1977	80
LeMans	3.8L 231 CID OHV 12V V6; Buick	1979	62
LeMans	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1978-1981	59
LeMans	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1976	90
LeMans	4.1L 4097 CC 250 CID SOHC 12V L6	1968-1969	91
LeMans	4.1L 4097 CC 250 CID OHV 12V L6	1970-1971	93
LeMans	4.1L 4097 CC 250 CID OHV 12V L6	1970-1971	79
LeMans	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
LeMans	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1969-1971	93
LeMans	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
LeMans	4.3L 260 CID OHV 16V V8; Oldsmobile	1976	112
LeMans	4.3L 265 CID OHV 16V V8; Pontiac	1980-1981	116
LeMans	4.9L 301 CID OHV 16V V8; Pontiac	1977-1981	116
LeMans	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1981	127
LeMans	5.3L 5343 CC 326 CID OHV 16V V8	1963-1964	137
LeMans	5.3L 5343 CC 326 CID OHV 16V V8	1964-1967	138
LeMans	5.7L 350 CID OHV 16V V8; Oldsmobile	1975	150
LeMans	5.7L 350 CID OHV 16V V8; Pontiac	1975-1976	138
LeMans	5.7L 350 CID OHV 16V V8; Oldsmobile	1976-1977	151
LeMans	5.7L 350 CID OHV 16V V8; Oldsmobile	1977	166
LeMans	5.7L 350 CID OHV 16V V8; Chevrolet	1978-1979	158
LeMans	5.7L 5733 CC 350 CID OHV 16V V8	1968-1969	153
LeMans	5.7L 5733 CC 350 CID OHV 16V V8	1968-1971	154
LeMans	5.7L 5733 CC 350 CID OHV 16V V8	1970	152
LeMans	5.7L 5733 CC 350 CID OHV 16V V8	1972-1974	149
LeMans	5.7L 5737 CC 350 CID OHV 16V V8; Pontiac	1972-1974	138
LeMans	5.7L 5737 CC 350 CID OHV 16V V8; Buick	1974	147
LeMans	6.6L 400 CID OHV 16V V8; Chevrolet	1975	191

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MODEL	ENGINE	YEAR	BLOCK
LeMans	6.6L 400 CID OHV 16V V8; Pontiac	1975	192
LeMans	6.6L 400 CID OHV 16V V8; Pontiac	1976-1977	196
LeMans	6.6L 6555 CC 400 CID OHV 16V V8	1968-1969	188
LeMans	6.6L 6555 CC 400 CID OHV 16V V8	1970	137
LeMans	6.6L 6555 CC 400 CID OHV 16V V8	1970-1971	138
LeMans	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	187
LeMans	6.6L 403 CID OHV 16V V8; Oldsmobile	1977	111
LeMans	7.5L 455 CID OHV 16V V8; Pontiac	1976	213
LeMans	7.5L 7456 CC 455 CID OHV 16V V8	1970-1974	213
LeMans	7.5L 7457 CC 455 CID OHV 16V V8; Pontiac	1972-1973	213
LeSabre	3.0L 181 CID OHV 12V V6; Buick	1986	58
LeSabre	3.8L 231 CID OHV 12V V6; Buick	1976-1977	80
LeSabre	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1977-1988	59
LeSabre	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1978-1980	62
LeSabre	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1986	84
LeSabre	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1988-1991	65
LeSabre	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1992-1995	85
LeSabre	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1996-2005	86
LeSabre	4.1L 252 CID OHV 12V V6; Buick	1980-1984	94
LeSabre	4.9L 4917 CC 300 CID OHV 16V V8	1964	124
LeSabre	4.9L 4917 CC 300 CID OHV 16V V8	1964-1965	123
LeSabre	4.9L 301 CID OHV 16V V8; Pontiac	1977-1980	116
LeSabre	5.0L 305 CID OHV 16V V8; Chevrolet	1978	127
LeSabre	5.0L 307 CID OHV 16V V8; Oldsmobile	1981-1990	129
LeSabre	5.6L 5573 CC 340 CID OHV 16V V8	1966-1967	124
LeSabre	5.7L 350 CID OHV 16V V8; Oldsmobile	1975-1977	148
LeSabre	5.7L 350 CID OHV 16V V8; Oldsmobile	1977	150
LeSabre	5.7L 350 CID OHV 16V V8; Oldsmobile	1977-1980	166
LeSabre	5.7L 350 CID OHV 16V V8; Buick	1978-1980	146
LeSabre	5.7L 350 CID OHV 16V V8; Oldsmobile	1980-1985	161
LeSabre	5.7L 5736 CC 350 CID OHV 16V V8	1968-1974	146
LeSabre	6.0L 5967 CC 364 CID OHV 16V V8	1959	171
LeSabre	6.6L 400 CID OHV 16V V8; Pontiac	1975	192
LeSabre	6.6L 6572 CC 401 CID OHV 16V V8	1959-1963	171
LeSabre	6.6L 6572 CC 401 CID OHV 16V V8	1961-1964	200
LeSabre	6.6L 403 CID OHV 16V V8; Oldsmobile	1977-1978	111
LeSabre	7.0L 6966 CC 425 CID OHV 16V V8	1964	200
LeSabre	7.5L 7456 CC 455 CID OHV 16V V8	1970-1974	209
LI3500	4.1L 4097 CC 250 CID OHV 12V L6	1966-1967	93
LLV	2.2L 2190 CC 134 CID OHV 8V L4; Vortec	1994-1995	18
LLV	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1987-1993	43
LS	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2000	30
LS1	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2000	30
LS2	3.0L 3000 CC 181 CID DOHC 24V V6 OPEL; Ecotec	2000	60
LSS	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1996-1999	86
LSS	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1996-1999	87
Lucerne	3.8L 3800 CC 231 CID OHV 12V V6; Buick	2006-2008	82
Lucerne	3.9L 3880 CC 237 CID OHV 12V V6	2009-2011	72
Lucerne	4.6L 281 CID DOHC 32V V8; Northstar	2006-2010	109
Lucerne	4.6L 281 CID DOHC 32V V8; Northstar	2011	119



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MODEL	ENGINE	YEAR	BLOCK
Lumina	2.2L 2190 CC 133 CID OHV 8V L4; Vortec	1993	20
Lumina	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1990-1992	44
Lumina	3.1L 189 CID OHV 12V V6; Chevrolet	1990-2001	57
Lumina	3.4L 207 CID DOHC 24V V6; Chevrolet	1991-1997	68
Lumina	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1998-1999	86
Lumina APV	3.1L 189 CID OHV 12V V6; Chevrolet	1990-1995	57
Lumina APV	3.4L 207 CID OHV 12V V6; Chevrolet	1996	57
Lumina APV	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1992-1995	85
LUV	1.8L 111 CID SOHC 8V L4 ISUZU	1975-1982	10
LUV	2.2L 134 CID OHV 8V L4 ISUZU	1982	26
Luv Pickup	1.8L 1817 CC 111 CID SOHC 8V L4 ISUZU	1972-1974	10
LW1	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2000	30
LW200	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2001-2003	30
LW300	3.0L 3000 CC 181 CID DOHC 24V V6 OPEL; Ecotec	2001-2003	60
M300	5.5L 5522 CC 337 CID OHV 16V V8	1959	144
Malibu	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2004-2005	31
Malibu	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2004-2008	30
Malibu	2.4L 145 CID DOHC 16V L4; Ecotec	2008-2010	22
Malibu	2.4L 145 CID DOHC 16V L4; Ecotec	2011-2012	25
Malibu	2.4L 2384 CC 145 CID DOHC 16V L4; Ecotec	2013-2014	38
Malibu	2.4L 2392 CC 146 CID DOHC 16V L4	1997-1998	39
Malibu	2.4L 2392 CC 146 CID DOHC 16V L4; Oldsmobile	1997-1999	40
Malibu	3.1L 189 CID OHV 12V V6; Chevrolet	1997-2003	57
Malibu	3.2L 3180 CC 194 CID OHV 12V L6	1964-1966	61
Malibu	3.3L 200 CID OHV 12V V6; Chevrolet	1978-1979	64
Malibu	3.5L 213 CID OHV 12V V6	2004-2006	70
Malibu	3.5L 3490 CC 213 CID OHV 12V V6	2007-2010	72
Malibu	3.6L 217 CID DOHC 24V V6	2008-2012	54
Malibu	3.8L 229 CID OHV 12V V6; Chevrolet	1980-1983	78
Malibu	3.8L 3769 CC 230 CID OHV 12V L6	1964-1967	61
Malibu	3.8L 231 CID OHV 12V V6; Buick	1979	62
Malibu	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1978-1983	59
Malibu	3.9L 3880 CC 237 CID OHV 12V V6	2006-2007	72
Malibu	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1977	90
Malibu	4.1L 4097 CC 250 CID OHV 12V L6	1967	93
Malibu	4.1L 4097 CC 250 CID OHV 12V L6	1973-1974	90
Malibu	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1967	93
Malibu	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1973-1974	90
Malibu	4.4L 267 CID OHV 16V V8; Chevrolet	1979-1982	114
Malibu	4.6L 4638 CC 283 CID OHV 16V V8	1964-1967	115
Malibu	5.0L 305 CID OHV 16V V8; Chevrolet	1976-1983	127
Malibu	5.0L 5031 CC 307 CID OHV 16V V8	1973	131
Malibu	5.3L 5358 CC 327 CID OHV 16V V8	1964-1967	140
Malibu	5.7L 350 CID OHV 16V V8; Oldsmobile	1975	134
Malibu	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1981	158
Malibu	5.7L 350 CID OHV 16V V8; Chevrolet	1976	127
Malibu	5.7L 350 CID OHV 16V V8; Oldsmobile	1982-1983	161
Malibu	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	127
Malibu	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
Malibu	6.5L 6489 CC 396 CID OHV 16V V8	1965-1967	182

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MODEL	ENGINE	YEAR	BLOCK
Malibu	6.6L 400 CID OHV 16V V8; Chevrolet	1975-1976	189
Malibu	6.6L 6555 CC 400 CID OHV 16V V8	1973-1974	198
Malibu	6.6L 6555 CC 400 CID OHV 16V V8	1973-1974	199
Malibu	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1974	189
Malibu	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1974	195
Malibu	7.4L 454 CID OHV 16V V8; Chevrolet	1975	202
Malibu	7.4L 7439 CC 454 CID OHV 16V V8	1973-1974	202
Malibu	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973-1974	202
Matiz	1.0L 995 CC 61 CID SOHC 8V L4	2004-2010	2
Metro	1.0L 993 CC 61 CID SOHC 6V L3 SUZUKI	1989-2000	1
Metro	1.3L 1295 CC 79 CID SOHC 16V L4 SUZUKI	1995-2001	3
Montana	3.4L 207 CID OHV 12V V6; Chevrolet	1999-2005	57
Montana	3.5L 213 CID OHV 12V V6	2005	70
Montana	3.5L 213 CID OHV 12V V6	2006	71
Montana	3.9L 3880 CC 237 CID OHV 12V V6	2006	72
Monte Carlo	3.1L 189 CID OHV 12V V6; Chevrolet	1995-1999	57
Monte Carlo	3.3L 200 CID OHV 12V V6; Chevrolet	1978-1979	64
Monte Carlo	3.4L 207 CID DOHC 24V V6; Chevrolet	1995-1997	68
Monte Carlo	3.4L 207 CID OHV 12V V6; Chevrolet	2000-2005	57
Monte Carlo	3.5L 3490 CC 213 CID OHV 12V V6	2006-2007	72
Monte Carlo	3.8L 229 CID OHV 12V V6; Chevrolet	1980-1984	78
Monte Carlo	3.8L 231 CID OHV 12V V6; Buick	1979	62
Monte Carlo	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1978-1985	59
Monte Carlo	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1980-1981	62
Monte Carlo	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1998-2005	86
Monte Carlo	3.8L 3800 CC 231 CID OHV 12V V6; Buick	2004-2005	87
Monte Carlo	3.9L 3880 CC 237 CID OHV 12V V6	2006	72
Monte Carlo	4.3L 262 CID OHV 12V V6; Chevrolet	1985-1988	99
Monte Carlo	4.4L 267 CID OHV 16V V8; Chevrolet	1979-1982	114
Monte Carlo	5.0L 305 CID OHV 16V V8; Chevrolet	1976-1988	127
Monte Carlo	5.3L 5328 CC 325 CID OHV 16V V8	2006-2007	120
Monte Carlo	5.7L 350 CID OHV 16V V8; Oldsmobile	1975	134
Monte Carlo	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1977	158
Monte Carlo	5.7L 350 CID OHV 16V V8; Chevrolet	1976	127
Monte Carlo	5.7L 350 CID OHV 16V V8; Oldsmobile	1982-1984	161
Monte Carlo	5.7L 5736 CC 350 CID OHV 16V V8	1970-1971	128
Monte Carlo	5.7L 5736 CC 350 CID OHV 16V V8	1972-1974	127
Monte Carlo	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
Monte Carlo	6.6L 400 CID OHV 16V V8; Chevrolet	1975-1976	189
Monte Carlo	6.6L 6555 CC 400 CID OHV 16V V8	1970-1971	193
Monte Carlo	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	199
Monte Carlo	6.6L 6555 CC 400 CID OHV 16V V8	1973-1974	198
Monte Carlo	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1970-1971	190
Monte Carlo	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1972-1974	195
Monte Carlo	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1974	189
Monte Carlo	6.6L 6588 CC 402 CID OHV 16V V8	1970-1971	183
Monte Carlo	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
Monte Carlo	7.4L 454 CID OHV 16V V8; Chevrolet	1975	202
Monte Carlo	7.4L 7439 CC 454 CID OHV 16V V8	1970-1971	183
Monte Carlo	7.4L 7439 CC 454 CID OHV 16V V8	1972-1974	202



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MODEL	ENGINE	YEAR	BLOCK
Monte Carlo	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1970-1974	202
Monza	2.3L 2294 CC 140 CID SOHC 8V L4; Chevrolet	1975-1977	14
Monza	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1978-1980	42
Monza	3.2L 196 CID OHV 12V V6; Buick	1978-1979	62
Monza	3.8L 231 CID OHV 12V V6; Buick	1979	62
Monza	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1978-1980	59
Monza	4.3L 262 CID OHV 16V V8; Chevrolet	1975-1976	113
Monza	5.0L 305 CID OHV 16V V8; Chevrolet	1976-1978	127
Nomad	3.8L 3852 CC 235 CID OHV 12V L6	1955-1961	89
Nomad	4.3L 4343 CC 265 CID OHV 16V V8	1955-1957	115
Nomad	4.6L 4638 CC 283 CID OHV 16V V8	1957-1961	115
Nomad	5.7L 5704 CC 348 CID OHV 16V V8	1958-1961	145
Nova	1.6L 1588 CC 98 CID SOHC 8V L4 TOYOTA	1985-1988	7
Nova	2.5L 2507 CC 153 CID OHV 8V L4	1969-1970	45
Nova	3.8L 3769 CC 230 CID OHV 12V L6	1969-1970	61
Nova	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1979	90
Nova	4.1L 4097 CC 250 CID OHV 12V L6	1969-1971	93
Nova	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
Nova	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1969-1971	93
Nova	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90
Nova	4.3L 262 CID OHV 16V V8; Chevrolet	1975	113
Nova	5.0L 305 CID OHV 16V V8; Chevrolet	1976-1978	127
Nova	5.0L 5031 CC 307 CID OHV 16V V8	1969-1973	131
Nova	5.0L 5031 CC 307 CID OHV 16V V8	1971	128
Nova	5.7L 350 CID OHV 16V V8; Oldsmobile	1975	134
Nova	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1979	158
Nova	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	128
Nova	5.7L 5736 CC 350 CID OHV 16V V8	1972-1974	127
Nova	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
Nova	6.5L 6489 CC 396 CID OHV 16V V8	1969	182
Nova	6.6L 6588 CC 402 CID OHV 16V V8	1970-1971	183
Nova	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
Nova	7.4L 7439 CC 454 CID OHV 16V V8	1970-1971	183
Omega	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1980-1981	42
Omega	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1982-1984	44
Omega	2.8L 173 CID OHV 12V V6; Chevrolet	1980-1984	56
Omega	2.8L 173 CID OHV 12V V6; Chevrolet	1981-1984	55
Omega	3.8L 231 CID OHV 12V V6; Buick	1977	80
Omega	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1978-1979	59
Omega	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1976	90
Omega	4.1L 4097 CC 250 CID OHV 12V L6	1973-1974	90
Omega	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1973-1974	90
Omega	4.3L 260 CID OHV 16V V8; Oldsmobile	1975-1977	112
Omega	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1978	127
Omega	5.7L 350 CID OHV 16V V8; Oldsmobile	1975-1976	150
Omega	5.7L 350 CID OHV 16V V8; Oldsmobile	1975-1976	148
Omega	5.7L 350 CID OHV 16V V8; Oldsmobile	1977	166
Omega	5.7L 350 CID OHV 16V V8; Chevrolet	1977-1979	158
Omega	5.7L 5733 CC 350 CID OHV 16V V8	1973-1974	164
Omega	5.7L 5737 CC 350 CID OHV 16V V8; Oldsmobile	1973	164

GENERAL MOTORS CORP

MODEL	ENGINE	YEAR	BLOCK
One-Fifty Series	3.8L 3852 CC 235 CID OHV 12V L6	1953-1957	89
One-Fifty Series	4.3L 4343 CC 265 CID OHV 16V V8	1955-1957	115
One-Fifty Series	4.6L 4638 CC 283 CID OHV 16V V8	1957	115
Opel	1.8L 1816 CC SOHC 8V L4 ISUZU	1976-1979	10
Outlook	3.6L 217 CID DOHC 24V V6	2007-2010	54
P10	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1980	104
P10	5.0L 305 CID OHV 16V V8; Chevrolet	1979	127
P10	5.7L 350 CID OHV 16V V8; Chevrolet	1975	127
P10	5.7L 350 CID OHV 16V V8; Chevrolet	1977-1978	158
P10	6.6L 400 CID OHV 16V V8; Chevrolet	1977	189
P1000	2.5L 2507 CC 153 CID OHV 8V L4	1966	45
P1000	3.2L 3180 CC 194 CID OHV 12V L6	1966	61
P1000	3.8L 3769 CC 230 CID OHV 12V L6	1966	61
P10 Series	2.5L 2507 CC 153 CID OHV 8V L4	1963-1965	45
P10 Series	3.2L 3180 CC 194 CID OHV 12V L6	1966	61
P10 Series	3.8L 3769 CC 230 CID OHV 12V L6	1963-1967	61
P10 Series	3.8L 3852 CC 235 CID OHV 12V L6	1960-1962	89
P10 Series	4.1L 4097 CC 250 CID OHV 12V L6	1966-1967	93
P10 Series	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1967	93
P10 Series	4.3L 4278 CC 261 CID OHV 12V L6	1961-1962	88
P10 Series	4.6L 4638 CC 283 CID OHV 16V V8	1961-1962	115
P10 Series	4.8L 4801 CC 292 CID OHV 12V L6	1967	103
P10 Van	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1973-1974	90
P10 Van	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973	202
P15	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1978	104
P15/P1500 Van	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1973-1974	90
P1500	4.8L 292 CID OHV 12V L6; Chevrolet	1979-1980	104
P1500	7.4L 454 CID OHV 16V V8; Chevrolet	1979	202
P20	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1989	104
P20	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1989	127
P20	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1980	158
P20	6.2L 379 CID OHV 16V V8	1982-1989	179
P20	7.4L 454 CID OHV 16V V8; Chevrolet	1976-1979	202
P20 Series	3.8L 3769 CC 230 CID OHV 12V L6	1963-1965	61
P20 Series	3.8L 3852 CC 235 CID OHV 12V L6	1960-1962	89
P20 Series	4.1L 4097 CC 250 CID OHV 12V L6	1966-1967	93
P20 Series	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1966	93
P20 Series	4.3L 4278 CC 261 CID OHV 12V L6	1961-1962	88
P20 Series	4.6L 4638 CC 283 CID OHV 16V V8	1961-1962	115
P20 Series	4.8L 4801 CC 292 CID OHV 12V L6	1963	105
P20 Series	4.8L 4801 CC 292 CID OHV 12V L6	1963-1967	103
P20 Series	5.7L 5704 CC 348 CID OHV 16V V8	1960	145
P20 Van	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1973-1974	90
P20 Van	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1973-1974	104
P20 Van	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
P20 Van	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1970-1971	211
P20 Van	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973	202
P25	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1978	104
P25	5.7L 350 CID OHV 16V V8; Chevrolet	1975	127
P25	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1978	158



GENERAL MOTORS CORP

MODEL	ENGINE	YEAR	BLOCK
P25/P2500 Van	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1967	93
P25/P2500 Van	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1973-1974	90
P25/P2500 Van	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1973-1974	104
P25/P2500 Van	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1970-1971	211
P2500	4.8L 292 CID OHV 12V L6; Chevrolet	1979-1989	104
P2500	5.7L 350 CID OHV 16V V8; Chevrolet	1979	158
P2500	5.7L 350 CID OHV 16V V8; Chevrolet	1980-1989	127
P2500	6.2L 379 CID OHV 16V V8	1982-1989	179
P30	4.1L 250 CID OHV 12V L6; Chevrolet	1976-1979	90
P30	4.3L 262 CID OHV 12V V6; Chevrolet	1990-1999	99
P30	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1989	104
P30	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1999	127
P30	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1980	158
P30	5.7L 350 CID OHV 16V V8; Chevrolet	1997-2002	160
P30	6.2L 379 CID OHV 16V V8	1982-1993	179
P30	6.5L 395 CID OHV 16V V8	1994-1999	179
P30	6.6L 400 CID OHV 16V V8; Chevrolet	1976	189
P30	7.4L 454 CID OHV 16V V8; Chevrolet	1975-1999	202
P30	7.4L 454 CID OHV 16V V8	1980-1989	212
P30 Series	3.8L 3769 CC 230 CID OHV 12V L6	1963-1965	61
P30 Series	3.8L 3852 CC 235 CID OHV 12V L6	1960-1962	89
P30 Series	4.1L 4097 CC 250 CID OHV 12V L6	1966-1967	93
P30 Series	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1966-1967	93
P30 Series	4.3L 4278 CC 261 CID OHV 12V L6	1961-1962	88
P30 Series	4.6L 4638 CC 283 CID OHV 16V V8	1961-1962	115
P30 Series	4.8L 4801 CC 292 CID OHV 12V L6	1963	105
P30 Series	4.8L 4801 CC 292 CID OHV 12V L6	1963-1967	103
P30 Series	5.7L 5704 CC 348 CID OHV 16V V8	1960	145
P30 Van	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1973-1974	90
P30 Van	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1973-1974	104
P30 Van	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
P30 Van	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1970-1974	211
P30 Van	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973-1974	202
P35	4.8L 292 CID OHV 12V L6; Chevrolet	1975-1978	104
P35	5.7L 350 CID OHV 16V V8; Chevrolet	1975	127
P35	5.7L 350 CID OHV 16V V8; Chevrolet	1976-1978	158
P35	7.4L 454 CID OHV 16V V8; Chevrolet	1975-1978	202
P35/P3500 Van	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1967	93
P35/P3500 Van	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1973-1974	90
P35/P3500 Van	4.8L 4786 CC 292 CID OHV 12V L6; Chevrolet	1973-1974	104
P35/P3500 Van	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1970-1974	211
P35/P3500 Van	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1973-1974	202
P3500	4.3L 262 CID OHV 12V V6; Chevrolet	1990-1999	99
P3500	4.8L 292 CID OHV 12V L6; Chevrolet	1979-1989	104
P3500	5.7L 350 CID OHV 16V V8; Chevrolet	1979-1980	158
P3500	5.7L 350 CID OHV 16V V8; Chevrolet	1980-1999	127
P3500	6.2L 379 CID OHV 16V V8	1982-1993	179
P3500	6.5L 395 CID OHV 16V V8	1994-1999	179
P3500	7.4L 454 CID OHV 16V V8; Chevrolet	1979-1999	202
P3500	7.4L 454 CID OHV 16V V8	1980-1989	212

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MODEL	ENGINE	YEAR	BLOCK
P3500	7.4L 7442 CC 454 CID OHV 16V V8	1996	210
Parisienne	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1984	59
Parisienne	4.3L 262 CID OHV 12V V6; Chevrolet	1985-1986	99
Parisienne	5.0L 305 CID OHV 16V V8; Chevrolet	1983-1986	127
Parisienne	5.0L 307 CID OHV 16V V8; Oldsmobile	1986	129
Parisienne	5.7L 350 CID OHV 16V V8; Oldsmobile	1983-1985	161
Parisienne	6.5L 6489 CC 396 CID OHV 16V V8	1966	182
Parisienne	7.0L 6998 CC 427 CID OHV 16V V8	1966	182
Park Avenue	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1991-1994	85
Park Avenue	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1991-2005	87
Park Avenue	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1995-2005	86
Parkwood	3.8L 3852 CC 235 CID OHV 12V L6	1959-1961	89
Parkwood	4.6L 4638 CC 283 CID OHV 16V V8	1959-1961	115
Parkwood	5.7L 5704 CC 348 CID OHV 16V V8	1959-1961	145
PB1000 Series	2.5L 2507 CC 153 CID OHV 8V L4	1963-1965	45
PB1000 Series	3.2L 3180 CC 194 CID OHV 12V L6	1966	61
PB1000 Series	3.8L 3769 CC 230 CID OHV 12V L6	1963-1966	61
PB1000 Series	3.8L 3852 CC 235 CID OHV 12V L6	1961-1962	89
PB1500 Series	3.8L 3769 CC 230 CID OHV 12V L6	1963-1965	61
PB1500 Series	4.8L 4801 CC 292 CID OHV 12V L6	1965	103
PB15 Series	4.1L 4097 CC 250 CID OHV 12V L6	1966	93
PB15 Series	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1966	93
PB15 Series	4.8L 4801 CC 292 CID OHV 12V L6	1966	103
PB2500 Series	3.8L 3769 CC 230 CID OHV 12V L6	1963-1965	61
PB2500 Series	4.8L 4801 CC 292 CID OHV 12V L6	1965	103
PB2500 Van	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1966	93
PB25 Series	4.1L 4097 CC 250 CID OHV 12V L6	1966	93
PB25 Series	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1966	93
PB25 Series	4.8L 4801 CC 292 CID OHV 12V L6	1966	103
PB3500 Van	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1966	93
Phoenix	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1977-1982	42
Phoenix	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1982-1984	44
Phoenix	2.8L 173 CID OHV 12V V6; Chevrolet	1980-1984	56
Phoenix	2.8L 173 CID OHV 12V V6; Chevrolet	1981-1984	55
Phoenix	3.8L 231 CID OHV 12V V6; Buick	1977	80
Phoenix	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1978-1979	59
Phoenix	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1978	127
Phoenix	5.7L 350 CID OHV 16V V8; Oldsmobile	1977	166
Phoenix	5.7L 350 CID OHV 16V V8; Chevrolet	1977-1979	158
PM150	5.5L 5522 CC 337 CID OHV 16V V8	1959	144
PM250	5.5L 5522 CC 337 CID OHV 16V V8	1959	144
Prizm	1.6L 1587 CC DOHC 16V L4 TOYOTA	1990-1992	5
Prizm	1.6L 1588 CC 98 CID DOHC 16V L4 TOYOTA	1989-1997	5
Prizm	1.8L 110 CID DOHC 16V L4 TOYOTA	1998-2002	11
Prizm	1.8L 1788 CC 110 CID DOHC 16V L4 TOYOTA	1993-1997	13
Pursuit	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2005-2006	30
R10	4.3L 262 CID OHV 12V V6; Chevrolet	1987	99
R10	5.0L 305 CID OHV 16V V8; Chevrolet	1987	127
R10	5.7L 350 CID OHV 16V V8; Chevrolet	1987	127
R10	6.2L 379 CID OHV 16V V8	1987	179



GENERAL MOTORS CORP

MODEL	ENGINE	YEAR	BLOCK
R10 Suburban	5.0L 305 CID OHV 16V V8; Chevrolet	1987	127
R10 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1987-1988	127
R10 Suburban	6.2L 379 CID OHV 16V V8	1987-1988	179
R1500	4.3L 262 CID OHV 12V V6; Chevrolet	1987	99
R1500	5.0L 305 CID OHV 16V V8; Chevrolet	1987	127
R1500	5.7L 350 CID OHV 16V V8; Chevrolet	1987	127
R1500	6.2L 379 CID OHV 16V V8	1987	179
R1500 Suburban	5.0L 305 CID OHV 16V V8; Chevrolet	1987	127
R1500 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1987-1991	127
R1500 Suburban	6.2L 379 CID OHV 16V V8	1987-1991	179
R20	4.3L 262 CID OHV 12V V6; Chevrolet	1987	99
R20	4.8L 292 CID OHV 12V L6; Chevrolet	1987-1988	104
R20	5.0L 305 CID OHV 16V V8; Chevrolet	1987	127
R20	5.7L 350 CID OHV 16V V8; Chevrolet	1987-1988	127
R20	6.2L 379 CID OHV 16V V8	1987-1988	179
R20	7.4L 454 CID OHV 16V V8	1987-1988	202
R20 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1987-1988	127
R20 Suburban	6.2L 379 CID OHV 16V V8	1987-1988	179
R20 Suburban	7.4L 454 CID OHV 16V V8	1987-1988	202
R25	5.7L 350 CID OHV 16V V8; Chevrolet	1995-1998	127
R25	5.7L 350 CID OHV 16V V8; Chevrolet	1997-2002	160
R2500	4.3L 262 CID OHV 12V V6; Chevrolet	1987	99
R2500	4.8L 292 CID OHV 12V L6; Chevrolet	1987-1988	104
R2500	5.0L 305 CID OHV 16V V8; Chevrolet	1987	127
R2500	5.7L 350 CID OHV 16V V8; Chevrolet	1987-1989	127
R2500	5.7L 350 CID OHV 16V V8	1989	159
R2500	6.2L 379 CID OHV 16V V8	1987-1989	179
R2500	7.4L 454 CID OHV 16V V8	1987-1989	202
R2500 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1987-1991	127
R2500 Suburban	6.2L 379 CID OHV 16V V8	1987-1991	179
R2500 Suburban	7.4L 454 CID OHV 16V V8	1987-1991	202
R30	4.8L 292 CID OHV 12V L6; Chevrolet	1987-1988	104
R30	5.7L 350 CID OHV 16V V8; Chevrolet	1987-1988	127
R30	6.2L 379 CID OHV 16V V8	1987-1988	179
R30	7.4L 454 CID OHV 16V V8	1987-1988	212
R30	7.4L 454 CID OHV 16V V8	1987-1988	202
R3500	4.8L 292 CID OHV 12V L6; Chevrolet	1987-1988	104
R3500	5.7L 350 CID OHV 16V V8; Chevrolet	1987-1991	127
R3500	6.2L 379 CID OHV 16V V8	1987-1991	179
R3500	7.4L 454 CID OHV 16V V8	1987-1989	212
R3500	7.4L 454 CID OHV 16V V8	1987-1991	202
Rainier	4.2L 256 CID DOHC 24V L6; Vortec	2004-2007	95
Rainier	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2004	121
Rainier	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2005-2007	120
Reatta	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1988-1990	65
Reatta	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1991	85
Regal	2.0L 1998 CC 122 CID DOHC 16V L4; Ecotec	2011-2013	22
Regal	2.0L 1998 CC 122 CID DOHC 16V L4; Ecotec	2013	23
Regal	2.4L 145 CID DOHC 16V L4; Ecotec	2012	38
Regal	2.4L 2384 CC 145 CID DOHC 16V L4; Ecotec	2011	22

GENERAL MOTORS CORP

MODEL	ENGINE	YEAR	BLOCK
Regal	2.4L 2384 CC 145 CID DOHC 16V L4; Ecotec	2013-2015	38
Regal	2.8L 173 CID OHV 12V V6; Chevrolet	1988-1989	57
Regal	3.1L 189 CID OHV 12V V6; Chevrolet	1989-1996	57
Regal	3.2L 196 CID OHV 12V V6; Buick	1978-1979	62
Regal	3.8L 231 CID OHV 12V V6; Buick	1975-1977	80
Regal	3.8L 231 CID OHV 12V V6; Buick	1979	62
Regal	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1978-1983	62
Regal	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1978-1987	59
Regal	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1986-1987	84
Regal	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1990-1996	85
Regal	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1996-2004	86
Regal	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1997-2004	87
Regal	4.1L 252 CID OHV 12V V6; Buick	1982-1984	94
Regal	4.3L 265 CID OHV 16V V8; Pontiac	1980-1981	116
Regal	4.9L 301 CID OHV 16V V8; Pontiac	1979-1980	116
Regal	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1987	127
Regal	5.0L 307 CID OHV 16V V8; Oldsmobile	1986-1987	129
Regal	5.7L 350 CID OHV 16V V8; Oldsmobile	1975-1977	150
Regal	5.7L 350 CID OHV 16V V8; Oldsmobile	1975-1977	148
Regal	5.7L 350 CID OHV 16V V8; Chevrolet	1977	158
Regal	5.7L 350 CID OHV 16V V8; Oldsmobile	1977	166
Regal	5.7L 350 CID OHV 16V V8; Oldsmobile	1981-1985	161
Regal	5.7L 5736 CC 350 CID OHV 16V V8	1973-1974	146
Regal	7.5L 7456 CC 455 CID OHV 16V V8	1973-1974	209
Regency	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1997-1998	86
Relay	3.5L 213 CID OHV 12V V6	2005-2006	70
Relay	3.9L 3880 CC 237 CID OHV 12V V6	2006-2007	72
Rendezvous	3.4L 207 CID OHV 12V V6; Chevrolet	2002-2005	57
Rendezvous	3.5L 213 CID OHV 12V V6	2006	71
Rendezvous	3.5L 213 CID OHV 12V V6	2007	70
Rendezvous	3.6L 217 CID DOHC 24V V6	2004-2006	54
Riviera	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1979-1983	62
Riviera	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1984-1987	59
Riviera	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1986	84
Riviera	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1988-1990	65
Riviera	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1991-1993	85
Riviera	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1995-1997	86
Riviera	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1995-1999	87
Riviera	4.1L 252 CID OHV 12V V6; Buick	1981-1984	94
Riviera	5.0L 307 CID OHV 16V V8; Oldsmobile	1980-1985	129
Riviera	5.7L 350 CID OHV 16V V8; Oldsmobile	1977	148
Riviera	5.7L 350 CID OHV 16V V8; Oldsmobile	1977-1980	166
Riviera	5.7L 350 CID OHV 16V V8; Buick	1978	146
Riviera	5.7L 350 CID OHV 16V V8; Oldsmobile	1980-1985	161
Riviera	6.6L 6572 CC 401 CID OHV 16V V8	1963-1965	200
Riviera	6.6L 6572 CC 401 CID OHV 16V V8	1963-1965	171
Riviera	6.6L 403 CID OHV 16V V8; Oldsmobile	1977-1978	111
Riviera	7.0L 6966 CC 425 CID OHV 16V V8	1963-1966	200
Riviera	7.0L 7047 CC 430 CID OHV 16V V8	1967-1969	209
Riviera	7.5L 7456 CC 455 CID OHV 16V V8	1970-1974	209



GENERAL MOTORS CORP

MODEL	ENGINE	YEAR	BLOCK
Roadmaster	5.0L 305 CID OHV 16V V8; Chevrolet	1991	127
Roadmaster	5.7L 350 CID OHV 16V V8; Chevrolet	1992-1996	127
S10	1.9L 119 CID SOHC 8V L4 ISUZU	1982-1985	17
S10	2.0L 122 CID OHV 8V L4; Chevrolet	1983-1984	14
S10	2.2L 134 CID OHV 8V L4 ISUZU	1984	26
S10	2.2L 2190 CC 134 CID OHV 8V L4; Vortec	1994-1995	18
S10	2.2L 2190 CC 134 CID OHV 8V L4	1995-2003	29
S10	2.2L 2190 CC 134 CID OHV 8V L4; Vortec	1996-2000	28
S10	2.2L 2190 CC 134 CID OHV 8V L4; Vortec	2000-2003	27
S10	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1985-1993	43
S10	2.8L 173 CID OHV 12V V6; Chevrolet	1982-1985	55
S10	2.8L 173 CID OHV 12V V6; Chevrolet	1986-1993	57
S10	4.3L 262 CID OHV 12V V6; Chevrolet	1988-2004	99
S10 Blazer	1.9L 119 CID SOHC 8V L4 ISUZU	1983-1984	17
S10 Blazer	2.0L 122 CID OHV 8V L4; Chevrolet	1983-1984	14
S10 Blazer	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1985-1988	43
S10 Blazer	2.8L 173 CID OHV 12V V6; Chevrolet	1983-1985	55
S10 Blazer	2.8L 173 CID OHV 12V V6; Chevrolet	1986-1989	57
S10 Blazer	4.3L 262 CID OHV 12V V6; Chevrolet	1988-1994	99
S15	1.9L 119 CID SOHC 8V L4 ISUZU	1982-1985	17
S15	2.0L 122 CID OHV 8V L4; Chevrolet	1983-1984	14
S15	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1985-1990	43
S15	2.8L 173 CID OHV 12V V6; Chevrolet	1982-1985	55
S15	2.8L 173 CID OHV 12V V6; Chevrolet	1986-1990	57
S15	4.3L 262 CID OHV 12V V6; Chevrolet	1988-1990	99
S15 Jimmy	1.9L 119 CID SOHC 8V L4 ISUZU	1983-1984	17
S15 Jimmy	2.0L 122 CID OHV 8V L4; Chevrolet	1983-1984	14
S15 Jimmy	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1985-1988	43
S15 Jimmy	2.8L 173 CID OHV 12V V6; Chevrolet	1983-1985	55
S15 Jimmy	2.8L 173 CID OHV 12V V6; Chevrolet	1986-1989	57
S15 Jimmy	4.3L 262 CID OHV 12V V6; Chevrolet	1988-1991	99
S300	5.5L 5522 CC 337 CID OHV 16V V8	1959	144
S370	5.5L 5522 CC 337 CID OHV 16V V8	1959	144
Safari	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1985-1990	43
Safari	4.3L 262 CID OHV 12V V6; Chevrolet	1985-1991	100
Safari	4.3L 262 CID OHV 12V V6; Chevrolet	1986-2005	99
Safari	5.0L 307 CID OHV 16V V8; Oldsmobile	1987-1989	129
Savana 1500	4.3L 262 CID OHV 12V V6; Vortec	1996-2007	99
Savana 1500	4.3L 262 CID OHV 12V V6; Vortec	2008-2011	97
Savana 1500	5.0L 305 CID OHV 16V V8; Vortec	1996-2002	128
Savana 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2003-2007	121
Savana 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2007-2013	120
Savana 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2014	133
Savana 1500	5.7L 350 CID OHV 16V V8; Vortec	1996-2002	127
Savana 2500	4.3L 262 CID OHV 12V V6; Vortec	1996-2005	99
Savana 2500	4.8L 294 CID OHV 16V V8; Vortec	2003-2007	121
Savana 2500	4.8L 294 CID OHV 16V V8; Vortec	2008-2014	120
Savana 2500	4.8L 294 CID OHV 16V V8; Vortec	2015	122
Savana 2500	5.0L 305 CID OHV 16V V8; Vortec	1996-2002	128
Savana 2500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2003-2005	121

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MODEL	ENGINE	YEAR	BLOCK
Savana 2500	5.7L 350 CID OHV 16V V8; Vortec	1996-2002	127
Savana 2500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2003-2007	121
Savana 2500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2008-2009	120
Savana 2500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2010-2013	135
Savana 2500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2012-2015	169
Savana 2500	6.5L 395 CID OHV 16V V8	1996-1998	179
Savana 2500	6.5L 6468 CC 395 CID OHV 16V V8	1999-2002	179
Savana 2500	6.6L 6599 CC 403 CID OHV 32V V8; Duramax	2006-2013	203
Savana 3500	4.8L 294 CID OHV 16V V8; Vortec	2004-2007	121
Savana 3500	4.8L 294 CID OHV 16V V8; Vortec	2008-2014	120
Savana 3500	4.8L 294 CID OHV 16V V8; Vortec	2015	122
Savana 3500	5.7L 350 CID OHV 16V V8; Vortec	1996-2002	127
Savana 3500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2003-2007	121
Savana 3500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2008-2009	120
Savana 3500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2010-2013	135
Savana 3500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2011-2015	169
Savana 3500	6.5L 395 CID OHV 16V V8	1996-1998	179
Savana 3500	6.5L 6468 CC 395 CID OHV 16V V8	1999-2002	179
Savana 3500	6.6L 6599 CC 403 CID OHV 32V V8; Duramax	2006-2013	203
Savana 3500	7.4L 454 CID OHV 16V V8; Vortec	1996-2000	202
Savana 3500	8.1L 496 CID OHV 16V V8; Vortec	2001-2002	216
Savana 4500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2009	120
Savana 4500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2010-2013	135
Savana 4500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2013-2015	169
Savana 4500	6.6L 6599 CC 403 CID OHV 32V V8; Duramax	2009-2013	203
SC	1.9L 116 CID DOHC 16V L4	1991-1992	16
SC1	1.9L 116 CID SOHC 8V L4	1993-2002	16
SC2	1.9L 116 CID DOHC 16V L4	1993-2002	16
Sedan Delivery	3.8L 3852 CC 235 CID OHV 12V L6	1954-1958	89
Sedan Delivery	4.3L 4343 CC 265 CID OHV 16V V8	1955-1957	115
Sedan Delivery	4.6L 4638 CC 283 CID OHV 16V V8	1957-1958	115
Sedan Delivery	5.7L 5704 CC 348 CID OHV 16V V8	1958	145
Series 60 Fleetwood	5.4L 5425 CC 331 CID OHV 16V V8	1950-1951	143
Series 60 Fleetwood	6.0L 5972 CC 365 CID OHV 16V V8	1956-1958	172
Series 60 Fleetwood	6.4L 6392 CC 390 CID OHV 16V V8	1959-1962	180
Series 60 Fleetwood	7.0L 7031 CC 429 CID OHV 16V V8	1964	180
Series 60 Special Fleetwood	5.4L 5425 CC 331 CID OHV 16V V8	1949	143
Series 61	5.4L 5425 CC 331 CID OHV 16V V8	1949	143
Series 62	5.4L 5425 CC 331 CID OHV 16V V8	1949	143
Series 62	6.0L 5972 CC 365 CID OHV 16V V8	1956-1958	172
Series 62	6.4L 6392 CC 390 CID OHV 16V V8	1959-1962	180
Series 62	7.0L 7031 CC 429 CID OHV 16V V8	1964	180
Series 70 Fleetwood Eldorado	6.0L 5972 CC 365 CID OHV 16V V8	1958	172
Series 75 Fleetwood	5.4L 5425 CC 331 CID OHV 16V V8	1949	143
Series 75 Fleetwood	6.0L 5972 CC 365 CID OHV 16V V8	1956-1958	172
Series 75 Fleetwood	6.4L 6392 CC 390 CID OHV 16V V8	1959-1963	180
Series 75 Fleetwood	7.0L 7031 CC 429 CID OHV 16V V8	1964	180
Seville	4.1L 250 CID OHV 16V V8; Cadillac	1982-1987	110
Seville	4.1L 252 CID OHV 12V V6; Buick	1981-1982	94
Seville	4.5L 273 CID OHV 16V V8; Cadillac	1988-1990	110



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MODEL	ENGINE	YEAR	BLOCK
Seville	4.6L 281 CID DOHC 32V V8; Northstar	1993-2004	109
Seville	4.9L 300 CID OHV 16V V8; Cadillac	1991-1993	110
Seville	5.7L 350 CID OHV 16V V8; Oldsmobile	1976-1977	164
Seville	5.7L 350 CID OHV 16V V8; Oldsmobile	1978-1979	111
Seville	5.7L 350 CID OHV 16V V8; Oldsmobile	1978-1985	161
Seville	5.7L 350 CID OHV 16V V8; Oldsmobile	1980	165
Seville	6.0L 368 CID OHV 16V V8; Cadillac	1980-1981	173
Sierra	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2007-2010	120
Sierra	6.2L 6199 CC 378 CID OHV 16V V8; Vortec	2008-2010	135
Sierra 1500	4.3L 262 CID OHV 12V V6; Vortec	1999-2007	99
Sierra 1500	4.3L 262 CID OHV 12V V6; Vortec	2007-2011	97
Sierra 1500	4.8L 294 CID OHV 16V V8; Vortec	1999-2006	121
Sierra 1500	4.8L 294 CID OHV 16V V8; Vortec	2007-2013	120
Sierra 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	1999-2006	121
Sierra 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2004-2009	120
Sierra 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2007-2013	135
Sierra 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2012-2013	133
Sierra 1500	5.3L 5328 CC 325 CID OHV 16V V8; EcoTec3	2014-2015	134
Sierra 1500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2001-2006	121
Sierra 1500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2007-2009	120
Sierra 1500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2010-2013	135
Sierra 1500	6.2L 6162 CC 376 CID OHV 16V V8; Vortec	2007-2008	120
Sierra 1500	6.2L 6162 CC 376 CID OHV 16V V8; Vortec	2009-2013	135
Sierra 1500	6.2L 6162 CC 376 CID OHV 16V V8; EcoTec3	2014-2015	134
Sierra 1500 Classic	4.3L 262 CID OHV 12V V6; Vortec	2007	99
Sierra 1500 Classic	4.8L 294 CID OHV 16V V8; Vortec	2007	121
Sierra 1500 Classic	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2007	120
Sierra 1500 Classic	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2007	121
Sierra 1500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2001-2006	121
Sierra 1500 HD Classic	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2007	121
Sierra 2500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	1999-2000	121
Sierra 2500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	1999-2004	121
Sierra 2500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2002	168
Sierra 2500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2001-2006	121
Sierra 2500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2002	168
Sierra 2500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2007-2010	120
Sierra 2500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2010-2013	135
Sierra 2500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2011-2013	133
Sierra 2500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2013-2015	122
Sierra 2500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2013-2015	169
Sierra 2500 HD	6.6L 6599 CC 403 CID OHV 32V V8; Duramax	2001-2012	203
Sierra 2500 HD	6.6L 6599 CC 403 CID OHV 32V V8; Duramax	2011-2013	204
Sierra 2500 HD	8.1L 496 CID OHV 16V V8; Vortec	2001-2006	216
Sierra 2500 HD Classic	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2007	121
Sierra 2500 HD Classic	6.6L 6599 CC 403 CID OHV 32V V8; Duramax	2007	203
Sierra 2500 HD Classic	8.1L 496 CID OHV 16V V8; Vortec	2007	216
Sierra 3500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2001-2006	121
Sierra 3500	6.6L 6599 CC 403 CID OHV 32V V8; Duramax	2001-2006	203
Sierra 3500	8.1L 496 CID OHV 16V V8; Vortec	2001-2006	216
Sierra 3500 Classic	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2007	121

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MODEL	ENGINE	YEAR	BLOCK
Sierra 3500 Classic	6.6L 6599 CC 403 CID OHV 32V V8; Duramax	2007	203
Sierra 3500 Classic	8.1L 496 CID OHV 16V V8; Vortec	2007	216
Sierra 3500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2007-2010	120
Sierra 3500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2010-2013	135
Sierra 3500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2011-2013	133
Sierra 3500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2014-2015	122
Sierra 3500 HD	6.6L 6599 CC 403 CID OHV 32V V8; Duramax	2007-2012	203
Sierra 3500 HD	6.6L 6599 CC 403 CID OHV 32V V8; Duramax	2011-2013	204
Silhouette	3.1L 189 CID OHV 12V V6; Chevrolet	1990-1994	57
Silhouette	3.4L 207 CID OHV 12V V6; Chevrolet	1996-2004	57
Silhouette	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1992-1995	85
Silhouette	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1995	83
Silverado	5.7L 350 CID OHV 16V V8; Chevrolet	1995-1998	127
Silverado	5.7L 350 CID OHV 16V V8; Chevrolet	1998-1999	160
Silverado 1500	4.3L 262 CID OHV 12V V6; Vortec	1999-2007	99
Silverado 1500	4.3L 262 CID OHV 12V V6; Vortec	2007-2012	97
Silverado 1500	4.3L 4293 CC 262 CID OHV 12V V6; Vortec	2013	101
Silverado 1500	4.3L 4300 CC 262 CID SOHC 12V V6	2011-2012	102
Silverado 1500	4.8L 294 CID OHV 16V V8; Vortec	1999-2006	121
Silverado 1500	4.8L 294 CID OHV 16V V8; Vortec	2007-2013	120
Silverado 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	1999-2006	121
Silverado 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2004-2009	120
Silverado 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2007-2013	135
Silverado 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2012-2013	133
Silverado 1500	5.3L 5328 CC 325 CID OHV 16V V8; EcoTec3	2014-2015	134
Silverado 1500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2003-2006	121
Silverado 1500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2007-2009	120
Silverado 1500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2010-2013	135
Silverado 1500	6.2L 6162 CC 376 CID OHV 16V V8; Vortec	2009-2013	135
Silverado 1500	6.2L 6162 CC 376 CID OHV 16V V8; EcoTec3	2014-2015	134
Silverado 1500 Classic	4.3L 262 CID OHV 12V V6; Vortec	2007	99
Silverado 1500 Classic	4.8L 294 CID OHV 16V V8; Vortec	2007	121
Silverado 1500 Classic	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2007	120
Silverado 1500 Classic	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2007	121
Silverado 1500 Classic	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2007	121
Silverado 1500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2001-2006	121
Silverado 1500 HD Classic	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2007	121
Silverado 2500	5.3L 323 CID OHV 16V V8; Vortec	2001-2005	133
Silverado 2500	5.3L 325 CID OHV 16V V8; Vortec	2006	133
Silverado 2500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	1999-2000	121
Silverado 2500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2007-2009	120
Silverado 2500	5.7L 350 CID OHV 16V V8; Chevrolet	2001-2002	160
Silverado 2500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	1999-2004	121
Silverado 2500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2002	168
Silverado 2500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2001-2006	121
Silverado 2500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2002	168
Silverado 2500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2007-2010	120
Silverado 2500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2010-2013	135
Silverado 2500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2011-2013	133
Silverado 2500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2013-2015	122



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MODEL	ENGINE	YEAR	BLOCK
Silverado 2500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2013-2015	169
Silverado 2500 HD	6.6L 6599 CC 403 CID OHV 32V V8; Duramax	2001-2012	203
Silverado 2500 HD	6.6L 6599 CC 403 CID OHV 32V V8; Duramax	2011-2013	204
Silverado 2500 HD	8.1L 496 CID OHV 16V V8; Vortec	2001-2006	216
Silverado 2500 HD Classic	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2007	121
Silverado 2500 HD Classic	6.6L 6599 CC 403 CID OHV 32V V8; Duramax	2007	203
Silverado 2500 HD Classic	8.1L 496 CID OHV 16V V8; Vortec	2007	216
Silverado 3500	5.7L 350 CID OHV 16V V8; Chevrolet	2007	160
Silverado 3500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2001-2006	121
Silverado 3500	6.6L 6599 CC 403 CID OHV 32V V8; Duramax	2001-2006	203
Silverado 3500	8.1L 496 CID OHV 16V V8; Vortec	2001-2006	216
Silverado 3500 Classic	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2007	121
Silverado 3500 Classic	6.6L 6599 CC 403 CID OHV 32V V8; Duramax	2007	203
Silverado 3500 Classic	8.1L 496 CID OHV 16V V8; Vortec	2007	216
Silverado 3500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2007-2010	120
Silverado 3500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2010-2013	135
Silverado 3500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2011-2013	133
Silverado 3500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2014-2015	122
Silverado 3500 HD	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2015	169
Silverado 3500 HD	6.6L 6599 CC 403 CID OHV 32V V8; Duramax	2007-2012	203
Silverado 3500 HD	6.6L 6599 CC 403 CID OHV 32V V8; Duramax	2011-2013	204
Sky	2.0L 1998 CC 122 CID DOHC 16V L4; Ecotec	2007-2010	22
Sky	2.4L 2384 CC 145 CID DOHC 16V L4; Ecotec	2007-2010	22
Skyhawk	1.8L 112 CID SOHC 8V L4 OPEL	1982-1986	15
Skyhawk	2.0L 122 CID OHV 8V L4; Chevrolet	1983-1986	19
Skyhawk	2.0L 122 CID SOHC 8V L4 OPEL	1987-1988	21
Skyhawk	2.0L 122 CID OHV 8V L4; Chevrolet	1987-1989	20
Skyhawk	3.8L 231 CID OHV 12V V6; Buick	1975-1977	80
Skyhawk	3.8L 231 CID OHV 12V V6; Buick	1978	62
Skyhawk	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1978-1980	59
Skylark	2.3L 138 CID DOHC 16V L4; Quad 4	1988-1995	35
Skylark	2.3L 138 CID SOHC 8V L4; Quad 4	1992-1994	34
Skylark	2.4L 2392 CC 146 CID DOHC 16V L4; Oldsmobile	1996-1998	40
Skylark	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1980-1981	42
Skylark	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1982-1985	44
Skylark	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1986-1991	41
Skylark	2.8L 173 CID OHV 12V V6; Chevrolet	1980-1984	56
Skylark	2.8L 173 CID OHV 12V V6; Chevrolet	1981-1985	55
Skylark	3.0L 181 CID OHV 12V V6; Buick	1986-1988	58
Skylark	3.1L 189 CID OHV 12V V6; Chevrolet	1994-1998	57
Skylark	3.3L 204 CID OHV 12V V6; Buick	1989-1993	65
Skylark	3.5L 3528 CC 215 CID OHV 16V V8; Buick	1961-1963	108
Skylark	3.7L 3687 CC 225 CID OHV 12V V6	1964-1966	76
Skylark	3.7L 3687 CC 225 CID OHV 12V V6	1964-1967	77
Skylark	3.8L 231 CID OHV 12V V6; Buick	1975-1977	80
Skylark	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1978-1979	59
Skylark	4.1L 4097 CC 250 CID OHV 12V L6	1968-1970	91
Skylark	4.1L 4097 CC 250 CID OHV 12V L6	1968-1971	93
Skylark	4.1L 4097 CC 250 CID OHV 12V L6	1970-1971	79
Skylark	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1968-1971	93

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MODEL	ENGINE	YEAR	BLOCK
Skylark	4.3L 260 CID OHV 16V V8; Oldsmobile	1975-1976	112
Skylark	4.9L 4917 CC 300 CID OHV 16V V8	1964	124
Skylark	4.9L 4917 CC 300 CID OHV 16V V8	1964-1967	123
Skylark	4.9L 301 CID OHV 16V V8; Pontiac	1977	116
Skylark	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1978	127
Skylark	5.6L 5573 CC 340 CID OHV 16V V8	1966-1967	124
Skylark	5.7L 350 CID OHV 16V V8; Oldsmobile	1975-1976	150
Skylark	5.7L 350 CID OHV 16V V8; Oldsmobile	1975-1976	148
Skylark	5.7L 350 CID OHV 16V V8; Oldsmobile	1977	166
Skylark	5.7L 350 CID OHV 16V V8; Chevrolet	1977-1979	158
Skylark	5.7L 5736 CC 350 CID OHV 16V V8	1968-1972	146
Skylark	6.6L 6555 CC 400 CID OHV 16V V8	1965-1966	200
Skylark	6.6L 6555 CC 400 CID OHV 16V V8	1967-1968	186
Skylark	7.5L 7456 CC 455 CID OHV 16V V8	1970-1971	209
SL	1.9L 116 CID SOHC 8V L4	1991-2002	16
SL1	1.9L 116 CID SOHC 8V L4	1991-2002	16
SL2	1.9L 116 CID DOHC 16V L4	1991-2002	16
Solstice	2.0L 1998 CC 122 CID DOHC 16V L4; Ecotec	2007-2009	22
Solstice	2.4L 2384 CC 145 CID DOHC 16V L4; Ecotec	2006-2009	22
Somerset	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1986-1987	41
Somerset	3.0L 181 CID OHV 12V V6; Buick	1986-1987	58
Somerset Regal	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1985	41
Somerset Regal	3.0L 181 CID OHV 12V V6; Buick	1985	58
Sonoma	2.2L 2190 CC 134 CID OHV 8V L4; Vortec	1994-1995	18
Sonoma	2.2L 2190 CC 134 CID OHV 8V L4; Vortec	1996-2001	28
Sonoma	2.2L 2190 CC 134 CID OHV 8V L4; Vortec	2000-2003	27
Sonoma	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1991-1993	43
Sonoma	2.8L 173 CID OHV 12V V6; Chevrolet	1991-1993	57
Sonoma	4.3L 262 CID OHV 12V V6; Chevrolet	1991-2004	99
Sonora	5.7L 350 CID OHV 16V V8; Chevrolet	2000-2002	160
Special	3.2L 3245 CC 198 CID OHV 12V V6	1962-1963	63
Special	3.5L 3528 CC 215 CID OHV 16V V8; Buick	1961-1963	108
Special	3.7L 3687 CC 225 CID OHV 12V V6	1964-1966	76
Special	3.7L 3687 CC 225 CID OHV 12V V6	1964-1967	77
Special	4.1L 4097 CC 250 CID OHV 12V L6	1968-1969	93
Special	4.1L 4097 CC 250 CID OHV 12V L6	1968-1969	91
Special	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1968-1969	93
Special	4.9L 4917 CC 300 CID OHV 16V V8	1964	124
Special	4.9L 4917 CC 300 CID OHV 16V V8	1964-1967	123
Special	5.6L 5573 CC 340 CID OHV 16V V8	1966-1967	124
Special	5.7L 5736 CC 350 CID OHV 16V V8	1968-1969	146
Sportwagon	3.7L 3687 CC 225 CID OHV 12V V6	1964	76
Sportwagon	3.7L 3687 CC 225 CID OHV 12V V6	1964	77
Sportwagon	4.9L 4917 CC 300 CID OHV 16V V8	1964	124
Sportwagon	4.9L 4917 CC 300 CID OHV 16V V8	1964-1965	123
Sportwagon	5.6L 5573 CC 340 CID OHV 16V V8	1966-1967	124
Sportwagon	5.7L 5736 CC 350 CID OHV 16V V8	1968-1972	146
Sportwagon	6.6L 6555 CC 400 CID OHV 16V V8	1968-1969	186
Sportwagon	7.5L 7456 CC 455 CID OHV 16V V8	1970	209
Sprint	1.0L 993 CC 61 CID SOHC 6V L3 SUZUKI	1985-1988	1



GENERAL MOTORS CORP

MODEL	ENGINE	YEAR	BLOCK
Sprint	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1977	90
Sprint	4.1L 4097 CC 250 CID OHV 12V L6	1971	93
Sprint	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
Sprint	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1971	93
Sprint	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972	90
Sprint	5.0L 305 CID OHV 16V V8; Chevrolet	1976-1977	127
Sprint	5.0L 5031 CC 307 CID OHV 16V V8	1971-1973	131
Sprint	5.0L 5031 CC 307 CID OHV 16V V8	1973	130
Sprint	5.7L 350 CID OHV 16V V8; Oldsmobile	1975	134
Sprint	5.7L 350 CID OHV 16V V8; Chevrolet	1975-1977	158
Sprint	5.7L 350 CID OHV 16V V8; Chevrolet	1976	127
Sprint	5.7L 5736 CC 350 CID OHV 16V V8	1971	128
Sprint	5.7L 5736 CC 350 CID OHV 16V V8	1971-1974	127
Sprint	5.7L 5737 CC 350 CID OHV 16V V8; Chevrolet	1974	157
Sprint	6.6L 400 CID OHV 16V V8; Chevrolet	1975-1976	189
Sprint	6.6L 6555 CC 400 CID OHV 16V V8	1972	194
Sprint	6.6L 6555 CC 400 CID OHV 16V V8	1972-1974	198
Sprint	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1974	189
Sprint	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1974	195
Sprint	6.6L 402 CID OHV 16V V8; Chevrolet	1975	183
Sprint	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
Sprint	7.4L 454 CID OHV 16V V8; Chevrolet	1975	202
Sprint	7.4L 7439 CC 454 CID OHV 16V V8	1971	183
Sprint	7.4L 7439 CC 454 CID OHV 16V V8	1972-1974	202
Sprint	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1971-1974	202
SRX	2.8L 2792 CC 170 CID DOHC 24V V6	2010-2011	54
SRX	3.0L 182 CID DOHC 24V V6	2010-2011	54
SRX	3.6L 217 CID DOHC 24V V6	2004-2009	54
SRX	4.6L 281 CID DOHC 32V V8; Northstar	2004-2006	109
SRX	4.6L 281 CID DOHC 32V V8; Northstar	2004-2009	118
SS	6.2L 6162 CC 376 CID OHV 16V V8	2014-2015	122
SSR	5.3L 325 CID OHV 16V V8; Vortec	2004	133
SSR	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2003	136
SSR	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2003-2004	121
SSR	6.0L 5967 CC 364 CID OHV 16V V8	2005-2006	120
Star Chief	4.3L 4278 CC 261 CID OHV 12V L6	1955-1961	88
Star Chief	5.2L 5179 CC 316 CID OHV 16V V8	1956	132
Star Chief	5.7L 5687 CC 347 CID OHV 16V V8	1957	132
Star Chief	6.1L 6064 CC 370 CID OHV 16V V8	1958	132
Star Chief	6.4L 6376 CC 389 CID OHV 16V V8	1959-1966	137
Star Chief	6.9L 6900 CC 421 CID OHV 16V V8	1963-1966	205
Starfire	2.3L 2294 CC 140 CID SOHC 8V L4; Chevrolet	1976-1977	14
Starfire	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1978-1980	42
Starfire	3.8L 231 CID OHV 12V V6; Buick	1975-1977	80
Starfire	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1977-1980	59
Starfire	5.0L 305 CID OHV 16V V8; Chevrolet	1977-1978	127
Starfire	6.5L 6458 CC 394 CID OHV 16V V8	1961-1964	175
Starfire	7.0L 6966 CC 425 CID OHV 16V V8	1965-1966	185
Storm	1.6L 1588 CC 98 CID DOHC 16V L4 ISUZU	1990-1991	9
Storm	1.6L 1588 CC 98 CID SOHC 12V L4 ISUZU	1990-1993	9

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MODEL	ENGINE	YEAR	BLOCK
Strato-Chief	6.5L 6489 CC 396 CID OHV 16V V8	1965-1966	182
Strato-Chief	7.0L 6998 CC 427 CID OHV 16V V8	1966	182
STS	3.6L 217 CID DOHC 24V V6	2005-2011	54
STS	4.4L 4371 CC 267 CID DOHC 32V V8; Northstar	2006-2009	117
STS	4.6L 281 CID DOHC 32V V8; Northstar	2005-2006	109
STS	4.6L 281 CID DOHC 32V V8; Northstar	2005-2010	118
Suburban	2.5L 2507 CC 153 CID OHV 8V L4	1963-1965	45
Suburban	3.8L 3769 CC 230 CID OHV 12V L6	1963-1966	61
Suburban	3.8L 3852 CC 235 CID OHV 12V L6	1960-1962	89
Suburban	4.1L 4097 CC 250 CID OHV 12V L6	1966	93
Suburban	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1966	93
Suburban	4.3L 4278 CC 261 CID OHV 12V L6	1961-1962	88
Suburban	4.6L 4638 CC 283 CID OHV 16V V8	1960-1966	115
Suburban	4.8L 4801 CC 292 CID OHV 12V L6	1963	105
Suburban	4.8L 4801 CC 292 CID OHV 12V L6	1963-1966	103
Suburban	5.0L 5012 CC 305 CID OHV 12V V6	1960-1966	107
Suburban	5.3L 5358 CC 327 CID OHV 16V V8	1966	140
Suburban	5.7L 5704 CC 348 CID OHV 16V V8	1960	145
Suburban	5.7L 5753 CC 351 CID OHV 12V V6	1965-1966	107
Suburban 1500	5.3L 323 CID OHV 16V V8; Vortec	2003-2005	133
Suburban 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2000-2006	121
Suburban 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2004-2009	120
Suburban 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2007-2013	135
Suburban 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2010-2014	133
Suburban 1500	5.7L 350 CID OHV 16V V8; Chevrolet	1995-2002	160
Suburban 1500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2006	121
Suburban 1500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2007-2009	120
Suburban 2500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2000-2006	121
Suburban 2500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2007-2009	120
Suburban 2500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2010-2013	135
Suburban 2500	8.1L 496 CID OHV 16V V8; Vortec	2001-2006	216
Sunbird	1.8L 112 CID SOHC 8V L4 OPEL	1986	15
Sunbird	2.0L 122 CID SOHC 8V L4 OPEL	1987-1991	21
Sunbird	2.0L 122 CID SOHC 8V L4 OPEL	1992-1994	15
Sunbird	2.3L 2294 CC 140 CID SOHC 8V L4; Chevrolet	1976-1977	14
Sunbird	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1977-1980	42
Sunbird	3.1L 189 CID OHV 12V V6; Chevrolet	1991-1994	57
Sunbird	3.8L 231 CID OHV 12V V6; Buick	1976-1977	80
Sunbird	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1977-1980	59
Sunbird	5.0L 305 CID OHV 16V V8; Chevrolet	1978	127
Sunfire	2.2L 2190 CC 134 CID OHV 8V L4; Vortec	1995	18
Sunfire	2.2L 2190 CC 134 CID OHV 8V L4; Vortec	1996-2002	28
Sunfire	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2002-2005	30
Sunfire	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2004-2005	31
Sunfire	2.3L 138 CID DOHC 16V L4; Quad 4	1995	35
Sunfire	2.4L 2392 CC 146 CID DOHC 16V L4; Oldsmobile	1996-2002	40
Sunfire	2.4L 2392 CC 146 CID DOHC 16V L4	1997-2001	39
Super 88	6.1L 6081 CC 371 CID OHV 16V V8	1959-1960	174
Super 88	6.1L 6081 CC 371 CID OHV 16V V8	1960	175
Super 88	6.5L 6458 CC 394 CID OHV 16V V8	1961-1964	175



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MODEL	ENGINE	YEAR	BLOCK
Super Chief	5.7L 5687 CC 347 CID OHV 16V V8	1957	132
Super Chief	6.1L 6064 CC 370 CID OHV 16V V8	1958	132
SW1	1.9L 116 CID SOHC 8V L4	1993-1999	16
SW2	1.9L 116 CID DOHC 16V L4	1993-2001	16
Syclone	4.3L 262 CID OHV 12V V6	1991	98
T1000	1.6L 98 CID SOHC 8V L4; Chevrolet	1981-1987	4
Tahoe	4.8L 294 CID OHV 16V V8; Vortec	2000-2006	121
Tahoe	4.8L 294 CID OHV 16V V8; Vortec	2007-2009	120
Tahoe	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2000-2006	121
Tahoe	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2004-2010	120
Tahoe	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2007-2013	135
Tahoe	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2011-2014	133
Tahoe	5.7L 350 CID OHV 16V V8; Chevrolet	1995-2000	127
Tahoe	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2008-2009	120
Tahoe	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2010-2013	135
Tahoe	6.2L 6162 CC 376 CID OHV 16V V8; Vortec	2008	120
Tahoe	6.2L 6162 CC 376 CID OHV 16V V8; Vortec	2009	135
Tahoe	6.5L 395 CID OHV 16V V8	1995-1999	179
Tempest	3.2L 3196 CC 195 CID OHV 8V L4	1961-1963	49
Tempest	3.5L 3524 CC 215 CID OHV 12V L6	1964-1965	61
Tempest	3.5L 3528 CC 215 CID OHV 16V V8	1961-1962	108
Tempest	3.8L 3769 CC 230 CID SOHC 12V L6	1965-1967	79
Tempest	4.1L 4097 CC 250 CID SOHC 12V L6	1968-1969	91
Tempest	4.1L 4097 CC 250 CID OHV 12V L6	1970	93
Tempest	4.1L 4097 CC 250 CID OHV 12V L6	1970	91
Tempest	4.1L 4097 CC 250 CID OHV 12V L6	1970	79
Tempest	4.1L 4098 CC 250 CID SOHC 12V L6; Pontiac	1968-1969	79
Tempest	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1970	93
Tempest	5.3L 5343 CC 326 CID OHV 16V V8	1963-1964	137
Tempest	5.3L 5343 CC 326 CID OHV 16V V8	1964-1967	138
Tempest	5.7L 5733 CC 350 CID OHV 16V V8	1968-1969	153
Tempest	5.7L 5733 CC 350 CID OHV 16V V8	1968-1970	154
Tempest	5.7L 5733 CC 350 CID OHV 16V V8	1970	152
Tempest	6.4L 6376 CC 389 CID OHV 16V V8	1961	137
Tempest	6.6L 6555 CC 400 CID OHV 16V V8	1968-1969	188
Tempest	6.6L 6555 CC 400 CID OHV 16V V8	1970	137
Tempest	6.6L 6555 CC 400 CID OHV 16V V8	1970	138
Terrain	2.4L 145 CID DOHC 16V L4; Ecotec	2010-2015	25
Terrain	2.4L 2384 CC 145 CID DOHC 16V L4; Ecotec	2011	22
Terrain	3.0L 182 CID DOHC 24V V6	2010	54
Terrain	3.0L 2997 CC 182 CID DOHC 24V V6	2011	54
Terraza	3.5L 213 CID OHV 12V V6	2005	70
Terraza	3.5L 213 CID OHV 12V V6	2006	71
Terraza	3.9L 3880 CC 237 CID OHV 12V V6	2006-2007	72
Toronado	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1986	84
Toronado	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1987	59
Toronado	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1988-1990	65
Toronado	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1991-1992	85
Toronado	4.1L 252 CID OHV 12V V6; Buick	1981-1984	94
Toronado	5.0L 307 CID OHV 16V V8; Oldsmobile	1980-1985	129

GENERAL MOTORS CORP

MODEL	ENGINE	YEAR	BLOCK
Toronado	5.7L 350 CID OHV 16V V8; Oldsmobile	1979-1980	166
Toronado	5.7L 350 CID OHV 16V V8; Oldsmobile	1979-1985	161
Toronado	6.6L 403 CID OHV 16V V8; Oldsmobile	1977-1978	111
Toronado	7.0L 6966 CC 425 CID OHV 16V V8	1966	185
Toronado	7.0L 6966 CC 425 CID OHV 16V V8	1967	184
Toronado	7.5L 455 CID OHV 16V V8; Pontiac	1975	213
Toronado	7.5L 455 CID OHV 16V V8; Oldsmobile	1976	215
Toronado	7.5L 7456 CC 455 CID OHV 16V V8	1968-1974	184
Torrent	3.4L 207 CID OHV 12V V6; Chevrolet	2006-2009	67
Torrent	3.6L 217 CID DOHC 24V V6	2008-2009	54
Townsmen	5.0L 5031 CC 307 CID OHV 16V V8	1969-1972	131
Townsmen	5.0L 5031 CC 307 CID OHV 16V V8	1971	128
Townsmen	5.3L 5358 CC 327 CID OHV 16V V8	1969	140
Townsmen	5.7L 5736 CC 350 CID OHV 16V V8	1969-1971	128
Townsmen	5.7L 5736 CC 350 CID OHV 16V V8	1972	127
Townsmen	6.5L 6489 CC 396 CID OHV 16V V8	1969	183
Townsmen	6.6L 6555 CC 400 CID OHV 16V V8	1970-1971	193
Townsmen	6.6L 6555 CC 400 CID OHV 16V V8	1972	199
Townsmen	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1970-1971	190
Townsmen	6.6L 6556 CC 400 CID OHV 16V V8; Chevrolet	1972	195
Townsmen	6.6L 6588 CC 402 CID OHV 16V V8	1970-1971	183
Townsmen	6.6L 6588 CC 402 CID OHV 16V V8	1972	202
Townsmen	7.0L 6998 CC 427 CID OHV 16V V8	1969	182
Townsmen	7.4L 7439 CC 454 CID OHV 16V V8	1970-1971	183
Townsmen	7.4L 7439 CC 454 CID OHV 16V V8	1972	202
Townsmen	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet	1970-1972	202
Tracker	1.6L 1588 CC 98 CID SOHC 8V L4 SUZUKI	1989-1995	6
Tracker	1.6L 1588 CC 98 CID SOHC 16V L4 SUZUKI	1994-2000	6
Trailblazer	4.2L 256 CID DOHC 24V L6; Vortec	2002-2009	95
Trailblazer	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2006-2008	120
Trailblazer	6.0L 5967 CC 364 CID OHV 16V V8	2006-2009	120
Trailblazer EXT	4.2L 256 CID DOHC 24V L6; Vortec	2002-2006	95
Trailblazer EXT	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2003-2004	136
Trailblazer EXT	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2003-2004	121
Trailblazer EXT	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2005-2006	120
Transmode	7.5L 7456 CC 455 CID OHV 16V V8	1973-1974	184
Trans Sport	3.1L 189 CID OHV 12V V6; Chevrolet	1990-1995	57
Trans Sport	3.4L 207 CID OHV 12V V6; Chevrolet	1996-1999	57
Trans Sport	3.8L 3800 CC 231 CID OHV 12V V6; Buick	1992-1995	85
Traverse	3.6L 217 CID DOHC 24V V6	2009-2013	54
Traverse	3.6L 217 CID DOHC 24V V6	2014	74
Truck	3.8L 3852 CC 235 CID OHV 12V L6	1954-1960	89
Truck	4.3L 4343 CC 265 CID OHV 16V V8	1955-1957	115
Truck	4.6L 4638 CC 283 CID OHV 16V V8	1957-1960	115
Truck	5.0L 5012 CC 305 CID OHV 12V V6	1960	107
Truck	5.5L 5522 CC 337 CID OHV 16V V8	1959	144
Truck	5.7L 5704 CC 348 CID OHV 16V V8	1958-1960	145
Two-Ten Series	3.8L 3852 CC 235 CID OHV 12V L6	1953-1957	89
Two-Ten Series	4.3L 4343 CC 265 CID OHV 16V V8	1955-1957	115
Two-Ten Series	4.6L 4638 CC 283 CID OHV 16V V8	1957	115



GENERAL MOTORS CORP

MODEL	ENGINE	YEAR	BLOCK
Typhoon	4.3L 262 CID OHV 12V V6	1992-1993	98
Uplander	3.5L 213 CID OHV 12V V6	2005	70
Uplander	3.5L 213 CID OHV 12V V6	2006	71
Uplander	3.9L 3880 CC 237 CID OHV 12V V6	2006-2009	72
V10	4.3L 262 CID OHV 12V V6; Chevrolet	1987	99
V10	5.0L 305 CID OHV 16V V8; Chevrolet	1987	127
V10	5.7L 350 CID OHV 16V V8; Chevrolet	1987	127
V10	6.2L 379 CID OHV 16V V8	1987	179
V10 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1987-1988	127
V10 Suburban	6.2L 379 CID OHV 16V V8	1987-1988	179
V1500	4.3L 262 CID OHV 12V V6; Chevrolet	1987	99
V1500	5.0L 305 CID OHV 16V V8; Chevrolet	1987	127
V1500	5.7L 350 CID OHV 16V V8; Chevrolet	1987	127
V1500	6.2L 379 CID OHV 16V V8	1987	179
V1500 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1987-1991	127
V1500 Suburban	6.2L 379 CID OHV 16V V8	1987-1991	179
V20	4.8L 292 CID OHV 12V L6; Chevrolet	1987	104
V20	5.7L 350 CID OHV 16V V8; Chevrolet	1987	127
V20	6.2L 379 CID OHV 16V V8	1987	179
V20 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1987-1988	127
V20 Suburban	6.2L 379 CID OHV 16V V8	1987-1988	179
V20 Suburban	7.4L 454 CID OHV 16V V8	1987-1988	202
V2500	4.8L 292 CID OHV 12V L6; Chevrolet	1987	104
V2500	5.7L 350 CID OHV 16V V8; Chevrolet	1987	127
V2500	6.2L 379 CID OHV 16V V8	1987	179
V2500 Suburban	5.7L 350 CID OHV 16V V8; Chevrolet	1987-1991	127
V2500 Suburban	6.2L 379 CID OHV 16V V8	1987-1991	179
V2500 Suburban	7.4L 454 CID OHV 16V V8	1990	202
V30	4.8L 292 CID OHV 12V L6; Chevrolet	1987-1988	104
V30	5.7L 350 CID OHV 16V V8; Chevrolet	1987-1988	127
V30	6.2L 379 CID OHV 16V V8	1987-1988	179
V30	7.4L 454 CID OHV 16V V8	1987-1988	212
V30	7.4L 454 CID OHV 16V V8	1987-1988	202
V3000 Forward Control	5.0L 5012 CC 305 CID OHV 12V V6	1960-1962	107
V3500	4.8L 292 CID OHV 12V L6; Chevrolet	1987-1988	104
V3500	5.7L 350 CID OHV 16V V8; Chevrolet	1987-1991	127
V3500	6.2L 379 CID OHV 16V V8	1987-1991	179
V3500	7.4L 454 CID OHV 16V V8	1987-1989	212
V3500	7.4L 454 CID OHV 16V V8	1987-1991	202
Vega	2.0L 122 CID DOHC 16V L4; Cosworth	1975-1976	14
Vega	2.3L 2294 CC 140 CID SOHC 8V L4; Chevrolet	1971-1977	14
Vega	2.3L 2295 CC 140 CID SOHC 8V L4; Chevrolet	1971-1974	14
Ventura	2.5L 2474 CC 151 CID OHV 8V L4; Pontiac	1977	42
Ventura	3.8L 231 CID OHV 12V V6; Buick	1977	80
Ventura	4.1L 250 CID OHV 12V L6; Chevrolet	1975-1976	90
Ventura	4.1L 4097 CC 250 CID OHV 12V L6	1971	93
Ventura	4.1L 4097 CC 250 CID OHV 12V L6	1971	79
Ventura	4.1L 4097 CC 250 CID OHV 12V L6	1972-1974	90
Ventura	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1971	93
Ventura	4.1L 4098 CC 250 CID OHV 12V L6; Chevrolet	1972-1974	90



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MODEL	ENGINE	YEAR	BLOCK
Ventura	4.3L 260 CID OHV 16V V8; Oldsmobile	1975-1976	112
Ventura	4.9L 301 CID OHV 16V V8; Pontiac	1977	116
Ventura	5.0L 305 CID OHV 16V V8; Chevrolet	1977	127
Ventura	5.0L 5031 CC 307 CID OHV 16V V8	1971	128
Ventura	5.0L 5031 CC 307 CID OHV 16V V8	1971-1973	131
Ventura	5.7L 350 CID OHV 16V V8; Oldsmobile	1975	150
Ventura	5.7L 350 CID OHV 16V V8; Pontiac	1975	138
Ventura	5.7L 350 CID OHV 16V V8; Chevrolet	1977	158
Ventura	5.7L 350 CID OHV 16V V8; Oldsmobile	1977	166
Ventura	5.7L 5733 CC 350 CID OHV 16V V8	1971	154
Ventura	5.7L 5733 CC 350 CID OHV 16V V8	1972-1974	149
Ventura	5.7L 5737 CC 350 CID OHV 16V V8; Pontiac	1972-1974	138
Ventura	5.7L 5737 CC 350 CID OHV 16V V8; Buick	1974	147
Ventura	6.4L 6376 CC 389 CID OHV 16V V8	1960-1961	137
Ventura	6.9L 6900 CC 421 CID OHV 16V V8	1961	205
Venture	3.4L 207 CID OHV 12V V6; Chevrolet	1997-2005	57
Verano	2.0L 1998 CC 122 CID DOHC 16V L4; Ecotec	2013	22
Verano	2.0L 1998 CC 122 CID DOHC 16V L4; Ecotec	2013-2016	24
Verano	2.4L 145 CID DOHC 16V L4; Ecotec	2013	38
Verano	2.4L 145 CID DOHC 16V L4; Ecotec	2013-2016	24
Vibe	1.8L 1794 CC DOHC 16V L4 TOYOTA	2003-2008	11
Vibe	2.4L 2362 CC DOHC 16V L4 TOYOTA	2009-2010	37
Vista Cruiser	5.4L 5409 CC 330 CID OHV 16V V8	1964-1965	141
Vista Cruiser	5.4L 5409 CC 330 CID OHV 16V V8	1966-1967	142
Vista Cruiser	5.7L 350 CID OHV 16V V8; Oldsmobile	1975	164
Vista Cruiser	5.7L 5733 CC 350 CID OHV 16V V8	1968-1971	165
Vista Cruiser	5.7L 5733 CC 350 CID OHV 16V V8	1972-1974	164
Vista Cruiser	5.7L 5737 CC 350 CID OHV 16V V8; Oldsmobile	1968-1974	164
Vista Cruiser	6.6L 6555 CC 400 CID OHV 16V V8	1968-1969	184
Vista Cruiser	7.5L 455 CID OHV 16V V8; Oldsmobile	1975	214
Vista Cruiser	7.5L 7456 CC 455 CID OHV 16V V8	1970	185
Vista Cruiser	7.5L 7456 CC 455 CID OHV 16V V8	1970-1974	184
Vue	2.2L 134 CID DOHC 16V L4 OPEL; Ecotec	2002-2003	30
Vue	2.2L 2198 CC 134 CID DOHC 16V L4; Ecotec	2006-2007	30
Vue	2.4L 145 CID DOHC 16V L4; Ecotec	2007-2010	22
Vue	3.0L 3000 CC 181 CID DOHC 24V V6 OPEL; Ecotec	2002-2003	60
Vue	3.5L 3490 CC 213 CID OHV 12V V6	2008-2009	72
Vue	3.6L 217 CID DOHC 24V V6	2008-2010	54
Wildcat	6.6L 6572 CC 401 CID OHV 16V V8	1962-1966	200
Wildcat	6.6L 6572 CC 401 CID OHV 16V V8	1962-1966	171
Wildcat	7.0L 6966 CC 425 CID OHV 16V V8	1964-1966	200
Wildcat	7.0L 7047 CC 430 CID OHV 16V V8	1967-1968	209
Wildcat	7.0L 7047 CC 430 CID OHV 16V V8	1969	186
Wildcat	7.5L 7456 CC 455 CID OHV 16V V8	1970	209
XLR	4.4L 4371 CC 267 CID DOHC 32V V8; Northstar	2006-2009	117
XLR	4.6L 281 CID DOHC 32V V8; Northstar	2004-2006	109
XLR	4.6L 281 CID DOHC 32V V8; Northstar	2004-2009	118
Yeoman	3.8L 3852 CC 235 CID OHV 12V L6	1958	89
Yeoman	4.6L 4638 CC 283 CID OHV 16V V8	1958	115
Yeoman	5.7L 5704 CC 348 CID OHV 16V V8	1958	145



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MODEL	ENGINE	YEAR	BLOCK
Yukon	4.8L 294 CID OHV 16V V8; Vortec	2000-2006	121
Yukon	4.8L 294 CID OHV 16V V8; Vortec	2007-2009	120
Yukon	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2000-2006	121
Yukon	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2004-2006	120
Yukon	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2007-2010	136
Yukon	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2007-2013	135
Yukon	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2014	133
Yukon	5.3L 5328 CC 325 CID OHV 16V V8; EcoTec3	2015	134
Yukon	5.7L 350 CID OHV 16V V8; Chevrolet	1992-2000	127
Yukon	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2001-2006	121
Yukon	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2008-2009	120
Yukon	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2010-2013	135
Yukon	6.2L 6162 CC 376 CID OHV 16V V8; Vortec	2008	120
Yukon	6.2L 6162 CC 376 CID OHV 16V V8; Vortec	2009-2013	135
Yukon	6.2L 6162 CC 376 CID OHV 16V V8	2011-2013	176
Yukon	6.2L 6162 CC 376 CID OHV 16V V8; EcoTec3	2015	134
Yukon	6.2L 6199 CC 378 CID OHV 16V V8; Vortec	2007-2009	135
Yukon	6.5L 395 CID OHV 16V V8	1994-1997	179
Yukon XL	5.3L 5328 CC 325 CID OHV 16V V8; EcoTec3	2015	134
Yukon XL	6.2L 6162 CC 376 CID OHV 16V V8; EcoTec3	2015	134
Yukon XL 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2000-2006	121
Yukon XL 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2004-2006	120
Yukon XL 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2007-2013	135
Yukon XL 1500	5.3L 5328 CC 325 CID OHV 16V V8; Vortec	2012-2014	133
Yukon XL 1500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2001-2006	121
Yukon XL 1500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2007-2009	120
Yukon XL 1500	6.2L 6162 CC 376 CID OHV 16V V8; Vortec	2007-2008	120
Yukon XL 1500	6.2L 6162 CC 376 CID OHV 16V V8; Vortec	2009-2014	135
Yukon XL 2500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2000-2006	121
Yukon XL 2500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2007-2009	120
Yukon XL 2500	6.0L 5967 CC 364 CID OHV 16V V8; Vortec	2010-2013	135
Yukon XL 2500	8.1L 496 CID OHV 16V V8; Vortec	2001-2006	216

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
								3 CYL
1		1.0L 993 CC 61 CID SOHC 6V L3 SUZUKI VIN Codes: '2' (1987-1988), '5' (1986-1988), '6' (1989-2000), 'M' (1985)					2.910"/74.0mm x 3.030"/77.0mm	1
Connecting Rod Bearing Pair (3)	AL-5	CB-1401A	STD,.25mm,.50mm	1.6535/1.6543	0.0008/0.0027	0.0587	1.7717/1.7724	0.7130
Connecting Rod Bearing Pair (3)	AL-3	CB-1401AL-.75mm		1.6535/1.6543	0.0008/0.0027	0.0587	1.7717/1.7724	0.7090
Connecting Rod Bearing Set	AL-5	CB-1401A(3)	STD,.25mm,.50mm	1.6535/1.6543	0.0008/0.0027	0.0587	1.7717/1.7724	0.7130



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
3 CYL (cont.)								
1 (cont.)	1.0L 993 CC 61 CID SOHC 6V L3 SUZUKI VIN Codes: '2' (1987-1988), '5' (1986-1988), '6' (1989-2000), 'M' (1985)			2.910"/74.0mm x 3.030"/77.0mm			1 (cont.)	
Main Bearing Set 1-4	MS-1708A	STD, .25mm, .50mm		1.7710		0.0787	1.9291	0.7125
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-455S								
Thrust Washer Set	TW-455S	STD		2.0472			2.6772	0.0990
MB-3172W								
4 CYL								
2	1.0L 995 CC 61 CID SOHC 8V L4 GMC L11, LA2 (2004-2010)			2.700"/68.5mm x 2.660"/67.5mm			2	
Connecting Rod Bearing Set	AL-3	CB-1948A(4)	STD, .25mm, .50mm, .75mm	1.4961		0.0587	1.6142	0.7126
Main Bearing Set	MS-2326A		STD					
3	1.3L 1295 CC 79 CID SOHC 16V L4 SUZUKI VIN Codes: '2' (1998-2001), '9' (1995-1997)			2.910"/74.0mm x 3.030"/77.0mm			3	
Connecting Rod Bearing Pair (4)	AL-5	CB-1401A	STD, .25mm, .50mm	1.6535/1.6543	0.0008/0.0027	0.0587	1.7717/1.7724	0.7130
Connecting Rod Bearing Pair (4)	AL-3	CB-1401AL-.75mm		1.6535/1.6543	0.0008/0.0027	0.0587	1.7717/1.7724	0.7090
Connecting Rod Bearing Set	AL-5	CB-1401A(4)	STD, .25mm, .50mm	1.6535/1.6543	0.0008/0.0027	0.0587	1.7717/1.7724	0.7130
Main Bearing Set	MS-1779A		STD, .25mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-455S								
Thrust Washer Set	TW-455S	STD		2.0472			2.6772	0.0990
MB-3172W								
4	1.4L 1393 CC 85 CID SOHC 8V L4 GMC; Chevrolet VIN Code: 'I' (1976-1977)			3.230"/52.9mm x 2.610"/42.8mm			4	
1.6L 98 CID SOHC 8V L4 GMC; Chevrolet VIN Code: 'C' (1982-1987)				3.030"/76.9mm x 3.390"/86.0mm				
1.6L 98 CID SOHC 8V L4 GMC; Chevrolet VIN Codes: '0' (1979-1980), '9' (1980-1981), 'C' (1982-1987), 'E' (1976-1978), 'J' (1978)				3.230"/82.0mm x 2.980"/75.1mm				
Connecting Rod Bearing Pair	TM-77	CB-1216AL	STD	45.9588/45.984	0.0014/0.0035	0.0589	1.9290/1.9296	0.7500
2								
5	1.6L 1587 CC DOHC 16V L4 TOYOTA 4AFE, 4AGE VIN Codes: '5' (1990-1992), '6' (1990-1992)			3.180"/81.0mm x 3.030"/77.0mm			5	
1.6L 1588 CC 98 CID DOHC 16V L4 TOYOTA VIN Code: '6' (1989, 1993-1997)				3.180"/81.0mm x 3.030"/77.0mm				
Connecting Rod Bearing Pair (4)	TM-1	CB-1474P	STD, .25mm, .50mm	1.6535	0.0032	0.0587	1.7726	0.6690
Main Bearing Set	MS-2211A		STD, .25mm, .50mm, .75mm	1.8900		0.0789	2.0480	0.7834
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-401S								
Thrust Washer Set	TW-401S	STD		2.1102/2.1220			2.5827/2.5945	0.0980
MB-2965W(L)								
MB-2965W(U)								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
6	1.6L 1588 CC 98 CID SOHC 8V L4 SUZUKI VIN Code: 'U' (1989-1995)			2.950"/75.0mm x 3.540"/90.0mm				6
	1.6L 1588 CC 98 CID SOHC 16V L4 SUZUKI VIN Code: '6' (1994-1998)			2.960"/75.2mm x 3.540"/90.0mm				
Connecting Rod Bearing Pair (4)	AL-3	CB-1477A	STD,.25mm,.50mm,.75mm	1.7316/1.7325	0.0008/0.0031	0.0591	1.8504/1.8513	0.7130
For Years: 1990 - 2000								
Connecting Rod Bearing Set	AL-3	CB-1477A(4)	STD,.25mm,.50mm,.75mm	1.7316/1.7325	0.0008/0.0031	0.0591	1.8504/1.8513	0.7130
For Years: 1990 - 2000								
Main Bearing Set		MS-1820A	STD,.25mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-478S								
Thrust Washer Set		TW-478S MB-3209W	STD	2.3327/2.3333			2.9531	0.0990
For Years: 1990 - 2000								
7	1.6L 1588 CC 98 CID SOHC 8V L4 TOYOTA VIN Code: '4' (1985-1988)			3.070"/78.0mm x 3.290"/83.6mm				7
Connecting Rod Bearing Pair (4)	AL-5	CB-1361A	STD,.25mm,.50mm	1.5742/1.5748	0.0007/0.0032	0.0586	1.6928/1.6938	0.6730
NOTE: 2.95mm Narrow Notch Bearings								
Connecting Rod Bearing Pair (4)	TM-1	CB-1361P	STD,.25mm	1.5748	0.0032	0.0586	1.6938	0.6730
NOTE: 2.95mm Narrow Notch Bearings								
Connecting Rod Bearing Set	AL-5	CB-1361A(4)	STD,.25mm,.50mm	1.5742/1.5748	0.0007/0.0032	0.0586	1.6928/1.6938	0.6730
NOTE: 2.95mm Narrow Notch Bearings								
Main Bearing Set		MS-2211A	STD,.25mm,.50mm,.75mm	1.8900			0.0789 2.0480	0.7834
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-401S								
8	1.6L 1588 CC 98 CID SOHC 8V L4 OPEL VIN Code: '6' (1988-1993)			3.110"/79.0mm x 3.210"/81.5mm				8
	1.6L 1598 CC 98 CID DOHC 16V L4 GMC LXT VIN Code: '6' (2004-2008)			3.110"/79.0mm x 3.210"/81.5mm				
Connecting Rod Bearing Pair	AL-3	CB-1451A	STD,.25mm,.50mm,.75mm	1.6918/1.6924	0.0005/0.0020	0.0590	1.8110/1.8115	0.6550
Connecting Rod Bearing Set	AL-3	CB-1451A(4)	STD,.25mm,.50mm,.75mm	1.6918/1.6924	0.0005/0.0020	0.0590	1.8110/1.8115	0.6550
9	1.6L 1588 CC 98 CID SOHC 12V L4 ISUZU VIN Code: '6' (1990-1993)			3.150"/80.0mm x 3.110"/79.0mm				9
	1.6L 1588 CC 98 CID DOHC 16V L4 ISUZU VIN Code: '5' (1990-1991)			3.150"/80.0mm x 3.110"/79.0mm				
Main Bearing Set		MS-1820A	STD,.25mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-478S								



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
4 CYL (cont.)									
10	1.8L 1816 CC SOHC 8V L4 ISUZU VIN Code: 'B' (1976-1979)			3.310"/84.0mm x 3.230"/82.0mm					10
	1.8L 111 CID SOHC 8V L4 ISUZU VIN Code: 'N' (1975-1982)			3.310"/84.0mm x 3.230"/82.0mm					
	1.8L 1817 CC 111 CID SOHC 8V L4 ISUZU G180Z VIN Code: 'N' (1972-1974)			3.310"/84.0mm x 3.230"/82.0mm					
Connecting Rod Bearing Pair (4)	AL-5	CB-1654A	STD, .25mm, .50mm, .75mm, 1.00mm	1.9262/1.9268	0.0012/0.0040	0.0596	2.0466/2.0472	0.8460	
Connecting Rod Bearing Pair (4)	TM-77	CB-1654P	STD, .25mm, .50mm	1.9262/1.9268	0.0012/0.0040	0.0596	2.0466/2.0472	0.8460	
Connecting Rod Bearing Set	AL-5	CB-1654A(4)	STD, .25mm, .50mm, .75mm, 1.00mm		0.0012/0.0040	0.0596	2.0466/2.0472	0.8460	
Main Bearing Set		MS-1298A-.25mm	.50mm, .75mm						
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-451S									
Thrust Washer Set		TW-451S	STD						
		MB-3061W		2.5197			3.1575	0.0930	
Camshaft Bearing Set	B-1	SH-1190S	STD						
	1-2-3	SH-1190		1.7695/1.7706	0.0011/0.0059	0.0593	1.8900/1.8910	0.9840	
For Years: 1972 - 1979									
11	1.8L 1794 CC DOHC 16V L4 TOYOTA 1ZZFE VIN Code: '8' (2003-2008)			3.110"/79.0mm x 3.600"/91.5mm					11
	1.8L 110 CID DOHC 16V L4 TOYOTA VIN Code: '8' (1998-2002)			3.190"/81.0mm x 3.370"/85.5mm					
Connecting Rod Bearing Pair (4)	AL-3	CB-1863A	STD, .25mm, .50mm	1.7320/1.7323	0.0012/0.0034	0.0587	1.8504/1.8513	0.6142	
Connecting Rod Bearing Set	AL-3	CB-1863A(4)	STD, .25mm, .50mm	1.7320/1.7323	0.0012/0.0034	0.0587	1.8504/1.8513	0.6142	
Main Bearing Set		MS-2267A	STD, .25mm, .50mm						
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-684S									
12	1.8L 1819 CC 110 CID OHV 8V L4 ISUZU VIN Code: 'D' (1981-1986)			3.310"/84.0mm x 3.230"/82.0mm					12
Thrust Washer Set		TW-451S	STD						
		MB-3061W		2.5197			3.1575	0.0930	
13	1.8L 1788 CC 110 CID DOHC 16V L4 TOYOTA VIN Code: '8' (1993-1997)			3.190"/81.0mm x 3.370"/85.5mm					13
Connecting Rod Bearing Pair (4)	AL-3	CB-1786A	STD, .25mm, .50mm	1.8892/1.8898	0.0008/0.0026	0.0587	2.0075/2.0079	0.6693	
Main Bearing Set		MS-2211A	STD, .25mm, .50mm, .75mm	1.8900		0.0789	2.0480	0.7834	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-401S									
Thrust Washer Set		TW-401S	STD						
		MB-2965W(L)		2.1102/2.1220			2.5827/2.5945	0.0980	
		MB-2965W(U)		2.1102/2.1220			2.5827/2.5945	0.0980	



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
14	1.8L 112 CID OHV 8V L4 GMC; Chevrolet VIN Code: 'G' (1982)				3.290"/83.0mm x 3.350"/85.0mm			14
	2.0L 122 CID OHV 8V L4 GMC; Chevrolet VIN Code: 'Y' (1983-1984)				3.390"/86.0mm x 3.390"/86.0mm			
	2.0L 122 CID DOHC 16V L4 GMC; Cosworth VIN Codes: 'E' (1975), 'O' (1976)				3.500"/89.0mm x 3.160"/80.3mm			
	2.3L 2295 CC 140 CID SOHC 8V L4 GMC; Chevrolet VIN Codes: 'A' (1971-1974), 'B' (1971-1974)				3.500"/88.9mm x 3.630"/92.1mm			
	2.3L 2294 CC 140 CID SOHC 8V L4 GMC; Chevrolet VIN Codes: 'A' (1975-1976), 'B' (1975-1977)				3.500"/88.9mm x 3.630"/92.1mm			
	2.3L 2294 CC 140 CID SOHC 8V L4 GMC VIN Codes: 'A' (1971-1974), 'B' (1971-1974)				3.500"/88.9mm x 3.630"/92.1mm			
	2.3L 2294 CC 140 CID SOHC 8V L4 GMC VIN Codes: 'A' (1971-1974), 'B' (1971-1974)				3.500"/88.9mm x 3.630"/92.1mm			
Connecting Rod Bearing Pair (4)	AL-5	CB-745A	STD,10,20,30	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Pair (4)	AL-5	CB-1853A-10	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (4)	TM-77	CB-745P	STD,1,2,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-745A(4)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1853A-10(4)	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-745P(4)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
15	1.8L 112 CID SOHC 8V L4 OPEL VIN Codes: 'O' (1982-1986), 'J' (1984-1986)				3.340"/84.8mm x 3.130"/79.5mm			15
	2.0L 122 CID SOHC 8V L4 OPEL VIN Code: 'H' (1992-1994)				3.390"/86.0mm x 3.390"/86.0mm			
	2.0L 122 CID SOHC 8V L4 OPEL VIN Code: 'H' (1992-1994)				3.390"/86.0mm x 3.390"/86.0mm			
Connecting Rod Bearing Pair (4)	AL-5	CB-1408A	STD,.25mm,.50mm,.75mm	1.9279/1.9286	0.0006/0.0028	0.0590	2.0472/2.0477	0.7600
Connecting Rod Bearing Set	AL-5	CB-1408A(4)	STD,.25mm,.50mm,.75mm	1.9279/1.9286	0.0006/0.0028	0.0590	2.0472/2.0477	0.7600
Main Bearing Set	AL-5	MS-2068A	STD,.25mm,.50mm,.75mm					
1-2-4-5		MB-2791A		2.2828/2.2833	0.0009/0.0025	0.0780	2.4409/2.4415	0.7580
3		MB-3565A(F)		2.2828/2.2833	0.0009/0.0025	0.0780	2.4409/2.4415	1.0190
Main Bearing Set	TM-1	MS-2068P	STD					
1-2-4-5		MB-2791P		2.2828/2.2833	0.0009/0.0025	0.0780	2.4409/2.4415	0.7580
3		MB-3565P(F)		2.2828/2.2833	0.0009/0.0025	0.0780	2.4409/2.4415	1.0190
16	1.9L 116 CID SOHC 8V L4 GMC VIN Code: '8' (1995-2002)				3.230"/82.0mm x 3.540"/90.0mm			16
	1.9L 116 CID SOHC 8V L4 GMC VIN Code: '9' (1991-1994)				3.230"/82.0mm x 3.460"/88.0mm			
	1.9L 116 CID DOHC 16V L4 GMC VIN Code: '7' (1991-2002)				3.230"/82.0mm x 3.540"/90.0mm			
	1.9L 116 CID DOHC 16V L4 GMC VIN Code: '7' (1991-2002)				3.230"/82.0mm x 3.540"/90.0mm			
Connecting Rod Bearing Pair (4)	TM-77	CB-1623P	STD,.25mm,.50mm	1.8508	0.0021	0.0626	1.9766	0.8000
Main Bearing Set	TM-77	MS-2009P-.25mm						



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
17	1.9L 119 CID SOHC 8V L4 ISUZU VIN Code: 'A' (1982-1985)			3.430"/87.0mm x 3.230"/82.0mm				17
Connecting Rod Bearing Pair (4)	AL-5	CB-1654A	STD, .25mm, .50mm, .75mm, 1.00mm	1.9262/1.9268	0.0012/0.0040	0.0596	2.0466/2.0472	0.8460
Connecting Rod Bearing Pair (4)	TM-77	CB-1654P	STD, .25mm, .50mm	1.9262/1.9268	0.0012/0.0040	0.0596	2.0466/2.0472	0.8460
Connecting Rod Bearing Set	AL-5	CB-1654A(4)	STD, .25mm, .50mm, .75mm, 1.00mm		0.0012/0.0040	0.0596	2.0466/2.0472	0.8460
Main Bearing Set		MS-1298A-.25mm	.50mm, .75mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-451S								
Thrust Washer Set		TW-451S MB-3061W	STD	2.5197			3.1575	0.0930
18	2.0L 121 CID OHV 8V L4 GMC; Chevrolet VIN Code: '1' (1987-1988)			3.390"/86.0mm x 3.390"/86.0mm				18
	2.2L 134 CID OHV 8V L4 GMC; Chevrolet VIN Code: 'G' (1990-1991)			3.440"/87.5mm x 3.620"/92.0mm				
	2.2L 2190 CC 134 CID OHV 8V L4 GMC (1997)			3.500"/89.0mm x 3.460"/88.0mm				
	2.2L 2190 CC 134 CID OHV 8V L4 GMC; Vortec VIN Code: '4' (1992-1996)			3.500"/89.0mm x 3.460"/88.0mm				
Connecting Rod Bearing Pair (4)	AL-5	CB-745A	STD, 10, 20, 30	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Pair (4)	AL-5	CB-1853A-10	20, 30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (4)	TM-77	CB-745P	STD, 1, 2, 10, 20, 30, 40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-745A(4)	STD, 10, 20, 30, 40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1853A-10(4)	20, 30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-745P(4)	STD, 10, 20, 30, 40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Main Bearing Set	AL-5	MS-1704A	STD, 10, 20, 30					
1-2-3-5		MB-2854A		2.4944/2.4954	0.0009/0.0039	0.0955	2.6870/2.6880	0.7420
4		MB-2883A(F)		2.4944/2.4954	0.0009/0.0039	0.0955	2.6870/2.6880	0.9420
19	2.0L 122 CID OHV 8V L4 GMC; Chevrolet VIN Code: 'P' (1983-1986)			3.390"/86.0mm x 3.390"/86.0mm				19
Connecting Rod Bearing Pair (4)	AL-5	CB-1408A	STD, .25mm, .50mm, .75mm	1.9279/1.9286	0.0006/0.0028	0.0590	2.0472/2.0477	0.7600
For Years: 1985 - 1986								
Connecting Rod Bearing Pair (4)	AL-5	CB-745A	STD, 10, 20, 30	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Pair (4)	AL-5	CB-1853A-10	20, 30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (4)	TM-77	CB-745P	STD, 1, 2, 10, 20, 30, 40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
19 (cont.)	2.0L 122 CID OHV 8V L4 GMC; Chevrolet VIN Code: 'P' (1983-1986)			3.390"/86.0mm x 3.390"/86.0mm				19 (cont.)
Connecting Rod Bearing Set For Years: 1985 - 1986	AL-5	CB-1408A(4)	STD, .25mm, .50mm, .75mm	1.9279/1.9286	0.0006/0.0028	0.0590	2.0472/2.0477	0.7600
Connecting Rod Bearing Set	AL-5	CB-745A(4)	STD, 10, 20, 30, 40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1853A-10(4)	20, 30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
Connecting Rod Bearing Set	TM-77	CB-745P(4)	STD, 10, 20, 30, 40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Main Bearing Set 1-2-4-5 3	AL-5	MS-2068A MB-2791A MB-3565A(F)	STD, .25mm, .50mm, .75mm	2.2828/2.2833 2.2828/2.2833	0.0009/0.0025 0.0009/0.0025	0.0780	2.4409/2.4415	0.7580 1.0190
Main Bearing Set 1-2-4-5 3	TM-1	MS-2068P MB-2791P MB-3565P(F)	STD	2.2828/2.2833 2.2828/2.2833	0.0009/0.0025 0.0009/0.0025	0.0780	2.4409/2.4415	0.7580 1.0190
Camshaft Bearing Set 1 2-5 3-4	B-1	SH-1365S SH-1365 SH-1364 SH-1363	STD	1.8677/1.8697 1.8677/1.8697 1.8677/1.8697	0.0010/0.0062 0.0012/0.0053 0.0011/0.0057	0.0741 0.0691 0.0640	2.0189/2.0209 2.0091/2.0100 1.9988/2.0002	0.6300 0.6300 0.6350
20	2.0L 122 CID OHV 8V L4 GMC; Chevrolet VIN Code: '1' (1987-1989)			3.390"/86.0mm x 3.390"/86.0mm				20
	2.2L 2190 CC 133 CID OHV 8V L4 GMC LN2; Vortec VIN Code: '4' (1993)			3.500"/89.0mm x 3.460"/88.0mm				
Connecting Rod Bearing Pair (4)	AL-5	CB-745A	STD, 10, 20, 30	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Pair (4) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1853A-10	20, 30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
Connecting Rod Bearing Pair (4)	TM-77	CB-745P	STD, 1, 2, 10, 20, 30, 40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-745A(4)	STD, 10, 20, 30, 40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1853A-10(4)	20, 30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
Connecting Rod Bearing Set	TM-77	CB-745P(4)	STD, 10, 20, 30, 40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Main Bearing Set 1-2-3-5 4	AL-5	MS-1704A MB-2854A MB-2883A(F)	STD, 10, 20, 30	2.4944/2.4954 2.4944/2.4954	0.0009/0.0039 0.0009/0.0039	0.0955	2.6870/2.6880	0.7420 0.9420
Camshaft Bearing Set 1 2-5 3-4	B-1	SH-1365S SH-1365 SH-1364 SH-1363	STD	1.8677/1.8697 1.8677/1.8697 1.8677/1.8697	0.0010/0.0062 0.0012/0.0053 0.0011/0.0057	0.0741 0.0691 0.0640	2.0189/2.0209 2.0091/2.0100 1.9988/2.0002	0.6300 0.6300 0.6350



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
21	2.0L 122 CID SOHC 8V L4 OPEL VIN Codes: 'K' (1987-1991), 'M' (1987-1990)			3.390"/86.0mm x 3.390"/86.0mm				21
Connecting Rod Bearing Pair (4)	AL-5	CB-1408A	STD,.25mm,.50mm,.75mm	1.9279/1.9286	0.0006/0.0028	0.0590	2.0472/2.0477	0.7600
Connecting Rod Bearing Set	AL-5	CB-1408A(4)	STD,.25mm,.50mm,.75mm	1.9279/1.9286	0.0006/0.0028	0.0590	2.0472/2.0477	0.7600
Main Bearing Set 1-2-3-5 4	AL-5	MS-1704A MB-2854A MB-2883A(F)	STD,10,20,30	2.4944/2.4954 2.4944/2.4954	0.0009/0.0039 0.0009/0.0039	0.0955	2.6870/2.6880	0.7420 0.9420
For Years: 1987 - 1988								
Main Bearing Set 1-2-4-5 3	AL-5	MS-2068A MB-2791A MB-3565A(F)	STD,.25mm,.50mm,.75mm	2.2828/2.2833 2.2828/2.2833	0.0009/0.0025 0.0009/0.0025	0.0780	2.4409/2.4415	0.7580 1.0190
Main Bearing Set 1-2-4-5 3	TM-1	MS-2068P MB-2791P MB-3565P(F)	STD	2.2828/2.2833 2.2828/2.2833	0.0009/0.0025 0.0009/0.0025	0.0780	2.4409/2.4415	0.7580 1.0190
22	2.0L 1998 CC 122 CID DOHC 16V L4 GMC LHU, LNF; Ecotec VIN Codes: 'M' (2010), 'V' (2011-2013), 'X' (2007-2010)			3.380"/86.0mm x 3.380"/86.0mm				22
	2.2L 2198 CC 134 CID DOHC 16V L4 GMC LAP; Ecotec VIN Code: '5' (2010)			3.390"/86.0mm x 3.720"/94.6mm				
	2.4L 145 CID DOHC 16V L4 GMC LE9; Ecotec VIN Codes: '0' (2010), '5' (2007-2009), 'B' (2006-2010), 'P' (2006-2010), 'V' (2009-2010), 'Z' (2007-2010)			3.460"/88.0mm x 3.850"/98.0mm				
	2.4L 2384 CC 145 CID DOHC 16V L4 GMC LAF; Ecotec VIN Codes: 'B' (2006-2010), 'C' (2010-2011)			3.460"/88.0mm x 3.860"/98.0mm				
Connecting Rod Bearing Pair (4)	AL-5	CB-1827A	STD,10,20,30	1.9291/1.9297	0.0004/0.0022	0.0609	2.0519/2.0525	0.7980
Connecting Rod Bearing Pair (4)	AL-5	CB-1828A-10	20,30	1.9291/1.9297	0.0004/0.0022	0.0619	2.0539/2.0545	0.7980
For Years: 2006 - 2012 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1827A(4)	STD,10,20,30	1.9291/1.9297	0.0004/0.0022	0.0609	2.0519/2.0525	0.7980
Connecting Rod Bearing Set	AL-5	CB-1828A-10(4)	20,30	1.9291/1.9297	0.0004/0.0022	0.0619	2.0539/2.0545	0.7980
For Years: 2006 - 2012 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set 1,3,4,5 2	AL-5	MS-2232A MB-3824AL MB-3825AL(F)	STD,10,20,30	2.2044/2.2050 2.2044/2.2050	0.0013/0.0031 0.0008/0.0025	0.1589	2.5223/2.5229	0.7795 1.0417
Balance Shaft Bearing Set Rear	AL-3	SH-2002S SH-2002	STD	1.4457/1.4465	0.0011/0.0027	0.0789	1.6048/1.6053	1.0236
For Years: 2006 - 2011								
23	2.0L 1998 CC 122 CID DOHC 16V L4 GMC LHU; Ecotec VIN Code: 'V' (2013)			3.380"/86.0mm x 3.380"/86.0mm				23
Connecting Rod Bearing Pair (4)	AL-5	CB-1827A	STD,10,20,30	1.9291/1.9297	0.0004/0.0022	0.0609	2.0519/2.0525	0.7980
Connecting Rod Bearing Set	AL-5	CB-1827A(4)	STD,10,20	1.9291/1.9297	0.0004/0.0022	0.0609	2.0519/2.0525	0.7980



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
4 CYL (cont.)									
24	2.0L 1998 CC 122 CID DOHC 16V L4 GMC LHU; Ecotec VIN Code: 'V' (2013-2016)			3.380"/86.0mm x 3.380"/86.0mm					24
	2.4L 145 CID DOHC 16V L4 GMC LEA; Ecotec VIN Code: 'K' (2013-2016)			3.460"/88.0mm x 3.850"/98.0mm					
Main Bearing Set	AL-5	MS-2232A	STD,10,20,30						
1,3,4,5		MB-3824AL		2.2044/2.2050	0.0013/0.0031	0.1589	2.5223/2.5229	0.7795	
2		MB-3825AL(F)		2.2044/2.2050	0.0008/0.0025	0.1591	2.5223/2.5229	1.0417	
25	2.0L 122 CID DOHC 16V L4 GMC; Ecotec VIN Code: 'P' (2004-2007)			3.390"/86.0mm x 3.390"/86.0mm					25
	2.2L 2189 CC 134 CID DOHC 16V L4 GMC LE8; Ecotec VIN Codes: 'B' (2009-2010), 'W' (2011)			3.390"/86.0mm x 3.720"/94.6mm					
	2.4L 145 CID DOHC 16V L4 GMC LAF, LE5, LE9, LEA; Ecotec VIN Codes: '0' (2012), '1' (2011-2012), 'K' (2012-2015), 'U' (2011-2012), 'W' (2010)			3.460"/88.0mm x 3.850"/98.0mm					
Connecting Rod Bearing Pair (4)	AL-5	CB-1827A	STD,10,20,30	1.9291/1.9297	0.0004/0.0022	0.0609	2.0519/2.0525	0.7980	
For Years: 2004 - 2014									
Connecting Rod Bearing Pair (4)	AL-5	CB-1828A-10	20,30	1.9291/1.9297	0.0004/0.0022	0.0619	2.0539/2.0545	0.7980	
For Years: 2004 - 2014									
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-1827A(4)	STD,10,20,30	1.9291/1.9297	0.0004/0.0022	0.0609	2.0519/2.0525	0.7980	
For Years: 2004 - 2014									
Connecting Rod Bearing Set	AL-5	CB-1828A-10(4)	20,30	1.9291/1.9297	0.0004/0.0022	0.0619	2.0539/2.0545	0.7980	
For Years: 2004 - 2014									
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set	AL-5	MS-2232A	STD,10,20,30						
1,3,4,5		MB-3824AL		2.2044/2.2050	0.0013/0.0031	0.1589	2.5223/2.5229	0.7795	
2		MB-3825AL(F)		2.2044/2.2050	0.0008/0.0025	0.1591	2.5223/2.5229	1.0417	
26	2.2L 134 CID OHV 8V L4 ISUZU VIN Code: 'S' (1982, 1984)			3.440"/87.5mm x 3.620"/92.0mm					26
Connecting Rod Bearing Pair (4)	AL-5	CB-1853A-10	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420	
For Year: 1984									
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-1853A-10(4)	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420	
For Year: 1984									
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Camshaft Bearing Set	B-1	SH-907S	STD						
1		SH-907		1.8876/1.8887	0.0012/0.0031	0.0790	2.0472/2.0486	0.9840	
2		SH-908		1.8882/1.8886	0.0012/0.0031	0.0790	2.0476/2.0484	0.9840	
3		SH-909		1.8882/1.8886	0.0012/0.0031	0.0790	2.0476/2.0484	0.9840	
For Year: 1982									



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
27	2.2L 2190 CC 134 CID OHV 8V L4 GMC; Vortec			3.500"/89.0mm x 3.460"/88.0mm			27	
VIN Codes: '4' (1999-2000, 2002), '5' (2000-2002), 'H' (2003)								
Connecting Rod Bearing Pair (4)	AL-5	CB-745A	STD,10,20,30	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Pair (4)	AL-5	CB-1853A-10	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (4)	TM-77	CB-745P	STD,1,2,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-745A(4)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1853A-10(4)	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-745P(4)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Main Bearing Set 1-2-5	AL-5	MS-2205A	STD,10,20,30					
		MB-2854A		2.4944/2.4954	0.0009/0.0039	0.0955	2.6870/2.6880	0.7420
3		MB-3749A		2.4944/2.4954	0.0006/0.0036	0.0955	2.6870/2.6880	0.8190
4		MB-2883A(F)		2.4944/2.4954	0.0009/0.0039	0.0955	2.6870/2.6880	0.9420
28	2.2L 2190 CC 134 CID OHV 8V L4 GMC; Vortec			3.500"/89.0mm x 3.460"/88.0mm			28	
VIN Code: '4' (1993-2002)								
Connecting Rod Bearing Pair (4)	AL-5	CB-745A	STD,10,20,30	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Pair (4)	AL-5	CB-1853A-10	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (4)	TM-77	CB-745P	STD,1,2,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-745A(4)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1853A-10(4)	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-745P(4)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Main Bearing Set 1-2-3-5	AL-5	MS-1704A	STD,10,20,30					
		MB-2854A		2.4944/2.4954	0.0009/0.0039	0.0955	2.6870/2.6880	0.7420
4		MB-2883A(F)		2.4944/2.4954	0.0009/0.0039	0.0955	2.6870/2.6880	0.9420
For Years: 1993 - 1997								
Main Bearing Set 1-2-5	AL-5	MS-2205A	STD,10,20,30					
		MB-2854A		2.4944/2.4954	0.0009/0.0039	0.0955	2.6870/2.6880	0.7420
3		MB-3749A		2.4944/2.4954	0.0006/0.0036	0.0955	2.6870/2.6880	0.8190
4		MB-2883A(F)		2.4944/2.4954	0.0009/0.0039	0.0955	2.6870/2.6880	0.9420
For Years: 1998 - 2002								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
28 (cont.)	2.2L 2190 CC 134 CID OHV 8V L4 GMC; Vortec VIN Code: '4' (1993-2002)			3.500"/89.0mm x 3.460"/88.0mm				28 (cont.)
Camshaft Bearing Set	B-1	SH-1365S	STD					
1		SH-1365		1.8677/1.8697	0.0010/0.0062	0.0741	2.0189/2.0209	0.6300
2-5		SH-1364		1.8677/1.8697	0.0012/0.0053	0.0691	2.0091/2.0100	0.6300
3-4		SH-1363		1.8677/1.8697	0.0011/0.0057	0.0640	1.9988/2.0002	0.6350
For Years: 1993 - 1996								
29	2.2L 2190 CC 134 CID OHV 8V L4 GMC (1995-2003)			3.500"/89.0mm x 3.460"/88.0mm				29
Connecting Rod Bearing Pair (4)	AL-5	CB-745A	STD,10,20,30	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Pair (4)	AL-5	CB-1853A-10	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (4)	TM-77	CB-745P	STD,1,2,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-745A(4)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1853A-10(4)	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-745P(4)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Main Bearing Set	AL-5	MS-1704A	STD,10,20,30					
1-2-3-5		MB-2854A		2.4944/2.4954	0.0009/0.0039	0.0955	2.6870/2.6880	0.7420
4		MB-2883A(F)		2.4944/2.4954	0.0009/0.0039	0.0955	2.6870/2.6880	0.9420
For Years: 1995 - 1997								
Main Bearing Set	AL-5	MS-2205A	STD,10,20,30					
1-2-5		MB-2854A		2.4944/2.4954	0.0009/0.0039	0.0955	2.6870/2.6880	0.7420
3		MB-3749A		2.4944/2.4954	0.0006/0.0036	0.0955	2.6870/2.6880	0.8190
4		MB-2883A(F)		2.4944/2.4954	0.0009/0.0039	0.0955	2.6870/2.6880	0.9420
For Years: 1998 - 2003								
30	2.2L 2189 CC 134 CID DOHC 16V L4 GMC; Ecotec VIN Code: 'D' (2006)			3.390"/86.0mm x 3.720"/94.6mm				30
	2.2L 134 CID DOHC 16V L4 GMC; Ecotec VIN Code: '6' (2003-2004)			3.390"/86.0mm x 3.720"/94.6mm				
	2.2L 2198 CC 134 CID DOHC 16V L4 GMC L61, LAP; Ecotec VIN Codes: 'D' (2006-2008), 'F' (2000-2008), 'H' (2009-2010)			3.390"/86.0mm x 3.720"/94.6mm				
	2.2L 134 CID DOHC 16V L4 OPEL; Ecotec (2002-2003)			3.390"/86.0mm x 3.720"/94.6mm				
Connecting Rod Bearing Pair (4)	AL-5	CB-1827A	STD,10,20,30	1.9291/1.9297	0.0004/0.0022	0.0609	2.0519/2.0525	0.7980
For Years: 2000 - 2009								
Connecting Rod Bearing Pair (4)	AL-5	CB-1828A-10	20,30	1.9291/1.9297	0.0004/0.0022	0.0619	2.0539/2.0545	0.7980
For Years: 2000 - 2009								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
30 (cont.)	2.2L 2189 CC 134 CID DOHC 16V L4 GMC; Ecotec VIN Code: 'D' (2006)			3.390"/86.0mm x 3.720"/94.6mm				30 (cont.)
	2.2L 134 CID DOHC 16V L4 GMC; Ecotec VIN Code: '6' (2003-2004)			3.390"/86.0mm x 3.720"/94.6mm				
	2.2L 2198 CC 134 CID DOHC 16V L4 GMC L61, LAP; Ecotec VIN Codes: 'D' (2006-2008), 'F' (2000-2008), 'H' (2009-2010)			3.390"/86.0mm x 3.720"/94.6mm				
	2.2L 134 CID DOHC 16V L4 OPEL; Ecotec (2002-2003)			3.390"/86.0mm x 3.720"/94.6mm				
Connecting Rod Bearing Set	AL-5	CB-1827A(4)	STD,10,20,30	1.9291/1.9297	0.0004/0.0022	0.0609	2.0519/2.0525	0.7980
For Years: 2000 - 2009								
Connecting Rod Bearing Set	AL-5	CB-1828A-10(4)	20,30	1.9291/1.9297	0.0004/0.0022	0.0619	2.0539/2.0545	0.7980
For Years: 2000 - 2009								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set 1,3,4,5	AL-5	MS-2232A	STD,10,20,30	2.2044/2.2050	0.0013/0.0031	0.1589	2.5223/2.5229	0.7795
2		MB-3824AL		2.2044/2.2050	0.0008/0.0025	0.1591	2.5223/2.5229	1.0417
		MB-3825AL(F)						
Balance Shaft Bearing Set Rear	AL-3	SH-2002S	STD	1.4457/1.4465	0.0011/0.0027	0.0789	1.6048/1.6053	1.0236
For Years: 2000 - 2009								
Piston Pin Bushing		223-3722	STD			0.0622	0.8696	0.9330
For Years: 2002 - 2010								
NOTE: OE Replacement								
31	2.2L 2198 CC 134 CID DOHC 16V L4 GMC; Ecotec (2004-2005)			3.390"/86.0mm x 3.720"/94.6mm				31
Balance Shaft Bearing Set Rear	AL-3	SH-2002S	STD	1.4457/1.4465	0.0011/0.0027	0.0789	1.6048/1.6053	1.0236
Piston Pin Bushing		223-3722	STD			0.0622	0.8696	0.9330
NOTE: OE Replacement								
32	2.2L 2198 CC 134 CID DOHC 16V L4 GMC L61; Ecotec (2007-2008)			3.390"/86.0mm x 3.720"/94.6mm				32
Main Bearing Set 1,3,4,5	AL-5	MS-2232A	STD,10,20,30	2.2044/2.2050	0.0013/0.0031	0.1589	2.5223/2.5229	0.7795
2		MB-3824AL		2.2044/2.2050	0.0008/0.0025	0.1591	2.5223/2.5229	1.0417
		MB-3825AL(F)						
For Year: 2008								
Balance Shaft Bearing Set Rear	AL-3	SH-2002S	STD	1.4457/1.4465	0.0011/0.0027	0.0789	1.6048/1.6053	1.0236
Piston Pin Bushing		223-3722	STD			0.0622	0.8696	0.9330
NOTE: OE Replacement								
33	2.2L 2198 CC 134 CID DOHC 16V L4 GMC LAP; Ecotec (2009)			3.390"/86.0mm x 3.720"/94.6mm				33
Connecting Rod Bearing Pair (4)	AL-5	CB-1827A	STD,10,20,30	1.9291/1.9297	0.0004/0.0022	0.0609	2.0519/2.0525	0.7980



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
33 (cont.)	2.2L 2198 CC 134 CID DOHC 16V L4 GMC LAP; Ecotec (2009)			3.390"/86.0mm x 3.720"/94.6mm				33 (cont.)
Connecting Rod Bearing Set	AL-5	CB-1827A(4)	STD,10,20,30	1.9291/1.9297	0.0004/0.0022	0.0609	2.0519/2.0525	0.7980
Main Bearing Set 1,3,4,5	AL-5	MS-2232A	STD,10,20,30	2.2044/2.2050	0.0013/0.0031	0.1589	2.5223/2.5229	0.7795
		MB-3824AL		2.2044/2.2050	0.0008/0.0025	0.1591	2.5223/2.5229	1.0417
Balance Shaft Bearing Set	AL-3	SH-2002S	STD					
Rear		SH-2002		1.4457/1.4465	0.0011/0.0027	0.0789	1.6048/1.6053	1.0236
Piston Pin Bushing		223-3722	STD			0.0622	0.8696	0.9330
NOTE: OE Replacement								
34	2.3L 138 CID SOHC 8V L4 GMC; Quad 4 (VIN Code: '3' (1992-1994))			3.620"/92.0mm x 3.350"/85.0mm				34
Connecting Rod Bearing Pair (4)	TM-77	CB-1388P	STD,.25mm,.50mm	1.8897	0.0020	0.0623	2.0154	0.8960
35	2.3L 138 CID DOHC 16V L4 GMC; Quad 4 (VIN Code: 'D' (1987-1995))			3.620"/92.0mm x 3.350"/85.0mm				35
Connecting Rod Bearing Pair (4)	TM-77	CB-1388P	STD,.25mm,.50mm	1.8897	0.0020	0.0623	2.0154	0.8960
Balance Shaft Bearing Set 1-2-3-4-5	AL-3	SH-1817S	STD					
		SH-1817		1.1801/1.1811	0.0004/0.0029	0.0593	1.3002/1.3012	0.7920
For Year: 1995								
Piston Pin Bushing (4)	C-1	223-3648	STD			0.1008		0.8563
For Years: 1987 - 1991								
NOTE: OE Replacement								
36	2.3L 140 CID DOHC 16V L4 GMC; Quad 4 (VIN Code: 'A' (1989-1994))			3.620"/92.0mm x 3.350"/85.0mm				36
Connecting Rod Bearing Pair (4)	TM-77	CB-1388P	STD,.25mm,.50mm	1.8897	0.0020	0.0623	2.0154	0.8960
Piston Pin Bushing (4)	C-1	223-3648	STD			0.1008		0.8563
For Years: 1989 - 1991								
NOTE: OE Replacement								
37	2.4L 2362 CC DOHC 16V L4 TOYOTA LAX (VIN Code: '0' (2009-2010))			3.480"/88.5mm x 3.770"/96.0mm				37
Connecting Rod Bearing Pair (4)	AL-3	CB-1835A	STD,.25mm,.50mm	1.8894/1.8898	0.0005/0.0023	0.0588	2.0079/2.0087	0.6140
Connecting Rod Bearing Set	AL-3	CB-1835A(4)	STD,.25mm,.50mm	1.8894/1.8898	0.0005/0.0023	0.0588	2.0079/2.0087	0.6140
Main Bearing Set		MS-2243A	STD,.25mm,.50mm					
		MB2243A		2.1653		0.0786	2.3228	0.6614
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-619S								
Thrust Washer Set		TW-619S	STD					
		MB-3821W		2.3819/2.3917		3.0610/3.0709		0.0780



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
38	2.4L 2384 CC 145 CID DOHC 16V L4 GMC LAF, LUK; Ecotec			3.460"/88.0mm x 3.860"/98.0mm			38	
	VIN Codes: 'C' (2010-2011), 'R' (2012-2015)							
	2.4L 145 CID DOHC 16V L4 GMC LEA; Ecotec			3.460"/88.0mm x 3.850"/98.0mm				
	VIN Code: 'K' (2012-2013)							
Connecting Rod Bearing Pair (4)	AL-5	CB-1827A	STD,10,20,30	1.9291/1.9297	0.0004/0.0022	0.0609	2.0519/2.0525	0.7980
For Years: 2011 - 2014								
Connecting Rod Bearing Set	AL-5	CB-1827A(4)	STD,10,20,30	1.9291/1.9297	0.0004/0.0022	0.0609	2.0519/2.0525	0.7980
For Years: 2011 - 2014								
Main Bearing Set	AL-5	MS-2232A	STD,10,20,30					
1,3,4,5		MB-3824AL		2.2044/2.2050	0.0013/0.0031	0.1589	2.5223/2.5229	0.7795
2		MB-3825AL(F)		2.2044/2.2050	0.0008/0.0025	0.1591	2.5223/2.5229	1.0417
39	2.4L 2392 CC 146 CID DOHC 16V L4 GMC			3.540"/90.0mm x 3.700"/94.0mm			39	
	(1996-2001)							
Connecting Rod Bearing Pair (4)	AL-5	CB-1647A	STD, .25mm, .50mm, .75mm	1.8888/1.8898	0.0009/0.0034	0.0623	2.0144/2.0155	0.7200
Connecting Rod Bearing Set	AL-5	CB-1647A(4)	STD,	1.8888/1.8898	0.0009/0.0034	0.0623	2.0144/2.0155	0.7200
Main Bearing Set	AL-5	MS-2056A	STD, .25mm, .50mm, .75mm					
1-2-4-5		MB-3514A		2.3626/2.3634	0.0004/0.0029	0.0936	2.5502/2.5512	0.7870
3		MB-3515A(F)		2.3626/2.3634	0.0004/0.0029	0.0936	2.5502/2.5512	1.0920
40	2.4L 2392 CC 146 CID DOHC 16V L4 GMC; Oldsmobile			3.540"/90.0mm x 3.700"/94.0mm			40	
	VIN Code: 'T' (1996-2002)							
Connecting Rod Bearing Pair (4)	AL-5	CB-1647A	STD, .25mm, .50mm, .75mm	1.8888/1.8898	0.0009/0.0034	0.0623	2.0144/2.0155	0.7200
Connecting Rod Bearing Set	AL-5	CB-1647A(4)	STD,	1.8888/1.8898	0.0009/0.0034	0.0623	2.0144/2.0155	0.7200
Main Bearing Set	AL-5	MS-2056A	STD, .25mm, .50mm, .75mm					
1-2-4-5		MB-3514A		2.3626/2.3634	0.0004/0.0029	0.0936	2.5502/2.5512	0.7870
3		MB-3515A(F)		2.3626/2.3634	0.0004/0.0029	0.0936	2.5502/2.5512	1.0920
Balance Shaft Bearing Set	AL-3	SH-1817S	STD					
1-2-3-4-5		SH-1817		1.1801/1.1811	0.0004/0.0029	0.0593	1.3002/1.3012	0.7920
41	2.5L 2474 CC 151 CID OHV 8V L4 GMC; Pontiac			4.000"/101.6mm x 3.000"/76.2mm			41	
	VIN Code: 'U' (1985-1986, 1991)							
Connecting Rod Bearing Pair (4)	AL-5	CB-610A	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Pair (4)	AL-5	CB-1878A-10	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (4)	TM-77	CB-610P-1		1.9995/2.0050	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-610A(4)	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-1878A-10(4)	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
41 (cont.)	2.5L 2474 CC 151 CID OHV 8V L4 GMC; Pontiac VIN Code: 'U' (1985-1986, 1991)			4.000"/101.6mm x 3.000"/76.2mm				41 (cont.)
Main Bearing Set 1-2-3-4 5	TM-77	MS-1643P MB-3135P MB-3011P(F)	STD,10,20	2.2980/2.2990 2.2983/2.2993	0.0003/0.0033 0.0006/0.0036	0.0955	2.4906/2.4916	0.8070 0.9421
Camshaft Bearing Set 1-2-3	B-1	SH-1305S SH-1305	STD	1.8682/1.8692	0.0005/0.0050	0.0647	1.9990/2.0010	0.7280
42	2.5L 2474 CC 151 CID OHV 8V L4 GMC; Pontiac VIN Codes: '1' (1978-1979), '2' (1982-1986), '5' (1980-1983), '9' (1979), 'V' (1977-1980)			4.000"/101.6mm x 3.000"/76.2mm				42
Connecting Rod Bearing Pair (4)	AL-5	CB-610A	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Pair (4) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1878A-10	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
Connecting Rod Bearing Pair (4)	TM-77	CB-610P-1		1.9995/2.0050	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-610A(4)	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1878A-10(4)	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
Main Bearing Set 1-2-3-4 5	AL-5	MS-1733A MB-3135A MB-2588A(F)	STD,10,20,30	2.2983/2.2993 2.2983/2.2993	0.0003/0.0033 0.0006/0.0036	0.0955	2.4906/2.4916	0.8070 1.0090
Main Bearing Set 1-2-3-4 5	TM-77	MS-1733P MB-3135P MB-2588P(F)	STD,10,20,30,40	2.2980/2.2990 2.2983/2.2993	0.0003/0.0033 0.0006/0.0036	0.0955	2.4906/2.4916	0.8070 1.0090
Camshaft Bearing Set 1-2-3	B-1	SH-1030S SH-400	STD	1.8680/1.8690	0.0010/0.0050	0.0647	1.9990/2.0010	0.8700
43	2.5L 2474 CC 151 CID OHV 8V L4 GMC; Pontiac VIN Codes: 'A' (1991-1993), 'E' (1985-1991)			4.000"/101.6mm x 3.000"/76.2mm				43
Connecting Rod Bearing Pair (4)	AL-5	CB-610A	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Pair (4) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1878A-10	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
Connecting Rod Bearing Pair (4)	TM-77	CB-610P-1		1.9995/2.0050	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-610A(4)	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1878A-10(4)	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
Main Bearing Set 1-2-3-4 5	AL-5	MS-1733A MB-3135A MB-2588A(F)	STD,10,20,30	2.2983/2.2993 2.2983/2.2993	0.0003/0.0033 0.0006/0.0036	0.0955	2.4906/2.4916	0.8070 1.0090



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
43 (cont.)	2.5L 2474 CC 151 CID OHV 8V L4 GMC; Pontiac VIN Codes: 'A' (1991-1993), 'E' (1985-1991)			4.000"/101.6mm x 3.000"/76.2mm				43 (cont.)
Main Bearing Set 1-2-3-4 5 For Years: 1987 - 1993	TM-77	MS-1643P MB-3135P MB-3011P(F)	STD,10,20	2.2980/2.2990 2.2983/2.2993	0.0003/0.0033 0.0006/0.0036	0.0955	2.4906/2.4916	0.8070 0.9421
Main Bearing Set 1-2-3-4 5	TM-77	MS-1733P MB-3135P MB-2588P(F)	STD,10,20,30,40	2.2980/2.2990 2.2983/2.2993	0.0003/0.0033 0.0006/0.0036	0.0955	2.4906/2.4916	0.8070 1.0090
Camshaft Bearing Set (4) 1-2-3	B-1	SH-1030S SH-400	STD	1.8680/1.8690	0.0010/0.0050	0.0647	1.9990/2.0010	0.8700
44	2.5L 2474 CC 151 CID OHV 8V L4 GMC; Pontiac VIN Code: 'R' (1982-1992)			4.000"/101.6mm x 3.000"/76.2mm				44
Connecting Rod Bearing Pair (4)	AL-5	CB-610A	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Pair (4) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1878A-10	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
Connecting Rod Bearing Pair (4)	TM-77	CB-610P-1		1.9995/2.0050	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-610A(4)	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1878A-10(4)	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
Main Bearing Set 1-2-3-4 5	AL-5	MS-1733A MB-3135A MB-2588A(F)	STD,10,20,30	2.2983/2.2993 2.2983/2.2993	0.0003/0.0033 0.0006/0.0036	0.0955	2.4906/2.4916	0.8070 1.0090
Main Bearing Set 1-2-3-4 5 For Years: 1991 - 1992	TM-77	MS-1643P MB-3135P MB-3011P(F)	STD,10,20	2.2980/2.2990 2.2983/2.2993	0.0003/0.0033 0.0006/0.0036	0.0955	2.4906/2.4916	0.8070 0.9421
Main Bearing Set 1-2-3-4 5	TM-77	MS-1733P MB-3135P MB-2588P(F)	STD,10,20,30,40	2.2980/2.2990 2.2983/2.2993	0.0003/0.0033 0.0006/0.0036	0.0955	2.4906/2.4916	0.8070 1.0090
Camshaft Bearing Set 1-2-3 For Years: 1982 - 1991	B-1	SH-1305S SH-1305	STD	1.8682/1.8692	0.0005/0.0050	0.0647	1.9990/2.0010	0.7280
Camshaft Bearing Set 1-2-3	B-1	SH-1030S SH-400	STD	1.8680/1.8690	0.0010/0.0050	0.0647	1.9990/2.0010	0.8700
45	2.5L 2507 CC 153 CID OHV 8V L4 GMC (1962-1970)			3.880"/98.4mm x 3.250"/82.6mm				45
Connecting Rod Bearing Pair (4)	AL-5	CB-745A	STD,10,20,30	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Pair (4) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1853A-10	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
45 (cont.)	2.5L 2507 CC 153 CID OHV 8V L4 GMC (1962-1970)			3.880"/98.4mm x 3.250"/82.6mm				45 (cont.)
Connecting Rod Bearing Pair (4)	TM-77	CB-745P	STD,1,2,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-745A(4)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1853A-10(4)	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-745P(4)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Main Bearing Set 1-2-3-4	AL-5	MS-1733A	STD,10,20,30	2.2983/2.2993	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
5		MB-3135A MB-2588A(F)		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090
Main Bearing Set 1-2-3-4	TM-77	MS-1733P	STD,10,20,30,40	2.2980/2.2990	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
5		MB-3135P MB-2588P(F)		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090
Camshaft Bearing Set 1-2	B-1	SH-400S	STD					
3		SH-400 SH-399		1.8680/1.8690 1.8682/1.8692	0.0010/0.0050 0.0005/0.0050	0.0647 0.0697	1.9990/2.0010 2.0090/2.0110	0.8700 0.8700
For Year: 1970								
46	2.8L 2770 CC 169 CID DOHC 16V L4 GMC VIN Code: '8' (2004-2006)			3.660"/93.0mm x 4.000"/101.6mm				46
Connecting Rod Bearing Pair (5)	AL-5	CB-1882A	STD,10,20,30	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
Connecting Rod Bearing Set	AL-5	CB-1882A(4)	STD,10,20,30	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
Main Bearing Set		MS-2249A	STD,10,20,30					
Balance Shaft Bearing Set	AL-3	SH-2000S	STD					
Left Center		SH-2008					1.8951/1.8959	0.8740
Left Front		SH-2007					1.8668/1.8675	0.8740
Right Center		SH-2009					1.6249/1.6257	0.8740
Right Front		SH-2010					1.5965/1.5973	0.8740
Piston Pin Bushing (4)	C-1	223-3664	STD	0.9054/0.9055		0.0540	1.0133/1.0148	0.9350
NOTE: OE Replacement								
47	2.9L 2921 CC 178 CID DOHC 16V L4 GMC VIN Code: '9' (2007-2012)			3.760"/95.5mm x 4.000"/101.6mm				47
Connecting Rod Bearing Pair (4)	AL-5	CB-1882A	STD,10,20,30	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
Connecting Rod Bearing Pair (4)	AL-5	CB-1883A-10	20,30	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1882A(4)	STD,10,20,30	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
Connecting Rod Bearing Set	AL-5	CB-1883A-10(4)	20,30	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
47 (cont.)	2.9L 2921 CC 178 CID DOHC 16V L4 GMC VIN Code: '9' (2007-2012)			3.760"/95.5mm x 4.000"/101.6mm				47 (cont.)
Main Bearing Set		MS-2249A	STD,10,20,30					
Balance Shaft Bearing Set		AL-3 SH-2000S	STD					
Left Center		SH-2008				1.8951/1.8959	0.8740	
Left Front		SH-2007				1.8668/1.8675	0.8740	
Right Center		SH-2009				1.6249/1.6257	0.8740	
Right Front		SH-2010				1.5965/1.5973	0.8740	
Piston Pin Bushing		C-1 223-3672	STD	0.0925/0.9251	0.0020/0.0190	0.0610	1.0211/1.0227	0.9350
NOTE: OE Replacement								
48	2.9L 2921 CC 178 CID DOHC 16V L4 GMC LLV (2011-2012)			3.760"/95.5mm x 4.020"/102.0mm				48
Piston Pin Bushing		C-1 223-3672	STD	0.0925/0.9251	0.0020/0.0190	0.0610	1.0211/1.0227	0.9350
NOTE: OE Replacement								
49	3.2L 3196 CC 195 CID OHV 8V L4 GMC 76Y, 77Y, 78Y, 79Y, 83Z, 84Z, 85Z, 86Z, 87Z, 88Z, 89Z, DA, DS, OA, OS, XA, XS, ZA, ZS (1961-1963)			4.060"/103.2mm x 3.750"/95.3mm				49
Connecting Rod Bearing Pair (4)		TM-77 CB-758P	STD,1,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
5 CYL								
50	3.5L 3460 CC 211 CID DOHC 20V L5 GMC VIN Code: '6' (2006)			3.660"/91.4mm x 4.000"/101.6mm				50
Connecting Rod Bearing Pair (5)		AL-5 CB-1882A	STD,10,20,30	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
Connecting Rod Bearing Set		AL-5 CB-1882A(5)	STD,10,20,30	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
Main Bearing Set		MS-2250A	STD,10,20,30					
Balance Shaft Bearing Set		AL-3 SH-2000S	STD					
Left Center		SH-2008				1.8951/1.8959	0.8740	
Left Front		SH-2007				1.8668/1.8675	0.8740	
Right Center		SH-2009				1.6249/1.6257	0.8740	
Right Front		SH-2010				1.5965/1.5973	0.8740	
51	3.5L 3460 CC 211 CID DOHC 20V L5 GMC VIN Code: '6' (2004-2006)			3.660"/93.0mm x 4.000"/101.6mm				51
Connecting Rod Bearing Pair (5)		AL-5 CB-1882A	STD,10,20,30	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
Connecting Rod Bearing Pair (5)		AL-5 CB-1883A-10	20,30	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set		AL-5 CB-1882A(5)	STD,10,20,30	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
Connecting Rod Bearing Set		AL-5 CB-1883A-10(5)	20,30	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set		MS-2250A	STD,10,20,30					



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				5 CYL (cont.)				
51 (cont.)	3.5L 3460 CC 211 CID DOHC 20V L5 GMC VIN Code: '6' (2004-2006)			3.660"/93.0mm x 4.000"/101.6mm				51 (cont.)
Balance Shaft Bearing Set	AL-3	SH-2000S	STD					
Left Center		SH-2008					1.8951/1.8959	0.8740
Left Front		SH-2007					1.8668/1.8675	0.8740
Right Center		SH-2009					1.6249/1.6257	0.8740
Right Front		SH-2010					1.5965/1.5973	0.8740
Piston Pin Bushing (5)	C-1	223-3664	STD	0.9054/0.9055		0.0540	1.0133/1.0148	0.9350
NOTE: OE Replacement								
52	3.7L 3654 CC 223 CID DOHC 20V L5 GMC VIN Code: 'E' (2007-2012)			3.760"/95.5mm x 4.000"/101.6mm				52
Connecting Rod Bearing Pair (5)	AL-5	CB-1882A	STD,10,20,30	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
Connecting Rod Bearing Pair (5)	AL-5	CB-1883A-10	20,30	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1882A(5)	STD,10,20,30	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
Connecting Rod Bearing Set	AL-5	CB-1883A-10(5)	20,30	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set		MS-2250A	STD,10,20,30					
Balance Shaft Bearing Set	AL-3	SH-2000S	STD					
Left Center		SH-2008					1.8951/1.8959	0.8740
Left Front		SH-2007					1.8668/1.8675	0.8740
Right Center		SH-2009					1.6249/1.6257	0.8740
Right Front		SH-2010					1.5965/1.5973	0.8740
				6 CYL				
53	2.3L 2294 CC 140 CID OHV 12V H6 GMC (1960-1961)			3.380"/85.7mm x 2.590"/65.9mm				53
	2.4L 2377 CC 145 CID OHV 12V H6 GMC (1961-1963)			3.440"/87.3mm x 2.590"/65.9mm				
	2.7L 2684 CC 164 CID OHV 12V H6 GMC (1964-1969)			3.440"/87.3mm x 2.940"/74.6mm				
Connecting Rod Bearing Pair (6)	TM-77	CB-584P	STD,10,20	1.7990/1.8000	0.0012/0.0037	0.0620	1.9247/1.9252	0.6840
54	2.8L 2792 CC 170 CID DOHC 24V V6 GMC LAU VIN Codes: '4' (2010), '6' (2011), 'T' (2005-2007)			3.500"/89.0mm x 2.940"/74.8mm				54
	3.0L 182 CID DOHC 24V V6 GMC LF1 VIN Codes: 'G' (2010), 'Y' (2010-2011)			3.500"/89.0mm x 3.160"/80.2mm				
	3.0L 2997 CC 182 CID DOHC 24V V6 GMC LFW VIN Code: '5' (2011)			3.500"/89.0mm x 3.160"/80.2mm				
	3.6L 217 CID DOHC 24V V6 GMC LLT, LY7 VIN Codes: '7' (2007-2009), 'D' (2009-2013), 'V' (2008-2010)			3.700"/94.0mm x 3.370"/85.6mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-1877A	STD,10,20	2.2044/2.2050	0.0004/0.0023	0.0709	2.3472/2.3479	0.7300
For Years: 2004 - 2011								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
54 (cont.)	2.8L 2792 CC 170 CID DOHC 24V V6 GMC LAU VIN Codes: '4' (2010), '6' (2011), 'T' (2005-2007)			3.500"/89.0mm x 2.940"/74.8mm				54 (cont.)
	3.0L 182 CID DOHC 24V V6 GMC LF1 VIN Codes: 'G' (2010), 'Y' (2010-2011)			3.500"/89.0mm x 3.160"/80.2mm				
	3.0L 2997 CC 182 CID DOHC 24V V6 GMC LFW VIN Code: '5' (2011)			3.500"/89.0mm x 3.160"/80.2mm				
	3.6L 217 CID DOHC 24V V6 GMC LLT, LY7 VIN Codes: '7' (2007-2009), 'D' (2009-2013), 'V' (2008-2010)			3.700"/94.0mm x 3.370"/85.6mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-1879A-10	20	2.2044/2.2050	0.0004/0.0023	0.0719	2.3492/2.3499	0.7300
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1877A(6)	STD,10,20	2.2044/2.2050	0.0004/0.0023	0.0709	2.3472/2.3479	0.7300
For Years: 2004 - 2011								
Connecting Rod Bearing Set	AL-5	CB-1879A-10(6)	20	2.2044/2.2050	0.0004/0.0023	0.0719	2.3492/2.3499	0.7300
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set 1-2-4	AL-5	MS-2276A	STD,10,20	2.6769/2.6775	0.0002/0.0020	0.0955	2.8687/2.8694	0.7776
3		MB-3886A		2.6769/2.6775	0.0002/0.0020	0.0955	2.8687/2.8694	0.9563
		MB-3887A(F)						
For Years: 2004 - 2011								
55	2.8L 173 CID OHV 12V V6 GMC; Chevrolet VIN Codes: '9' (1985-1988), 'B' (1982-1985), 'S' (1985-1989), 'W' (1985-1986), 'X' (1981-1986)			3.500"/89.0mm x 2.990"/76.0mm				55
Connecting Rod Bearing Pair (6)	AL-5	CB-1238A	STD,.25mm,.50mm, .75mm,1.00mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205
Connecting Rod Bearing Pair (6)	AL-5	CB-1797A	STD,.25mm,.50mm	1.9984/1.9994	0.0005/0.0035	0.0633	2.1265/2.1275	0.7205
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1238A(6)	STD,.25mm,.50mm, .75mm,1.00mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205
Connecting Rod Bearing Set	AL-5	CB-1797A(6)	STD,.25mm,.50mm, .75mm	1.9984/1.9994	0.0005/0.0035	0.0633	2.1265/2.1275	0.7205
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set		MS-1494A-.25mm	.50mm					
For Years: 1981 - 1985								
NOTE: 1st Design Main Bearings, 63.3mm Journals								
Main Bearing Set 1-4	AL-5	MS-2273A	STD,.25mm,.50mm, .75mm	2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9770
2		MB-3511A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.7380
3		MB-3512A		2.6473/2.6482	0.0004/0.0032	0.0959	2.8405/2.8415	0.9420
		MB-3881A(F)						
For Years: 1985 - 1989								
NOTE: 2nd Design Main Bearings, 67.2mm Journals								
Main Bearing Set	TM-77	MS-1494P-.25mm	.50mm					
For Years: 1981 - 1985								
NOTE: 1st Design Main Bearings, 63.3mm Journals								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
55 (cont.)	2.8L 173 CID OHV 12V V6 GMC; Chevrolet VIN Codes: '9' (1985-1988), 'B' (1982-1985), 'S' (1985-1989), 'W' (1985-1986), 'X' (1981-1986)			3.500"/89.0mm x 2.990"/76.0mm			55 (cont.)	
Camshaft Bearing Set	B-1	SH-1364S	STD					
1		SH-1362		1.8677/1.8697	0.0012/0.0053	0.0691	2.0090/2.0110	0.6300
2-3		SH-1363		1.8677/1.8697	0.0011/0.0057	0.0640	1.9988/2.0002	0.6350
4		SH-1364		1.8677/1.8697	0.0012/0.0053	0.0691	2.0091/2.0100	0.6300
56	2.8L 173 CID OHV 12V V6 GMC; Chevrolet VIN Codes: '1' (1982-1984), '7' (1980), 'L' (1983-1984), 'Z' (1981-1984)			3.500"/89.0mm x 2.990"/76.0mm			56	
Connecting Rod Bearing Pair (6)	AL-5	CB-1238A	STD, .25mm, .50mm, .75mm, 1.00mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205
Connecting Rod Bearing Pair (6)	AL-5	CB-1797A	STD, .25mm, .50mm	1.9984/1.9994	0.0005/0.0035	0.0633	2.1265/2.1275	0.7205
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1238A(6)	STD, .25mm, .50mm, .75mm, 1.00mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205
Connecting Rod Bearing Set	AL-5	CB-1797A(6)	STD, .25mm, .50mm, .75mm	1.9984/1.9994	0.0005/0.0035	0.0633	2.1265/2.1275	0.7205
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set		MS-1494A-.25mm	.50mm					
Main Bearing Set	TM-77	MS-1494P-.25mm	.50mm					
Camshaft Bearing Set	B-1	SH-1364S	STD					
1		SH-1362		1.8677/1.8697	0.0012/0.0053	0.0691	2.0090/2.0110	0.6300
2-3		SH-1363		1.8677/1.8697	0.0011/0.0057	0.0640	1.9988/2.0002	0.6350
4		SH-1364		1.8677/1.8697	0.0012/0.0053	0.0691	2.0091/2.0100	0.6300
57	2.8L 173 CID OHV 12V V6 GMC; Chevrolet VIN Codes: 'R' (1986-1993), 'W' (1987-1989) 3.1L 189 CID OHV 12V V6 GMC; Chevrolet VIN Codes: 'D' (1990-1995), 'J' (1999-2005), 'M' (1993-1999), 'T' (1988-1994), 'V' (1989-1990) 3.1L 189 CID OHV 12V V6 GMC VIN Code: 'W' (1993) 3.4L 207 CID OHV 12V V6 GMC; Chevrolet VIN Codes: 'E' (1996-2005), 'S' (1993-1995)			3.500"/89.0mm x 2.990"/76.0mm			57	
Connecting Rod Bearing Pair (6)	AL-5	CB-1238A	STD, .25mm, .50mm, .75mm, 1.00mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205
Connecting Rod Bearing Pair (6)	AL-5	CB-1797A	STD, .25mm, .50mm	1.9984/1.9994	0.0005/0.0035	0.0633	2.1265/2.1275	0.7205
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1238A(6)	STD, .25mm, .50mm, .75mm, 1.00mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205
Connecting Rod Bearing Set	AL-5	CB-1797A(6)	STD, .25mm, .50mm, .75mm	1.9984/1.9994	0.0005/0.0035	0.0633	2.1265/2.1275	0.7205
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
57 (cont.)	2.8L 173 CID OHV 12V V6 GMC; Chevrolet VIN Codes: 'R' (1986-1993), 'W' (1987-1989)			3.500"/89.0mm x 2.990"/76.0mm				57 (cont.)
	3.1L 189 CID OHV 12V V6 GMC; Chevrolet VIN Codes: 'D' (1990-1995), 'J' (1999-2005), 'M' (1993-1999), 'T' (1988-1994), 'V' (1989-1990)			3.500"/89.0mm x 3.310"/84.0mm				
	3.1L 189 CID OHV 12V V6 GMC VIN Code: 'W' (1993)			3.500"/89.0mm x 3.310"/84.0mm				
	3.4L 207 CID OHV 12V V6 GMC; Chevrolet VIN Codes: 'E' (1996-2005), 'S' (1993-1995)			3.620"/92.0mm x 3.310"/84.0mm				
Main Bearing Set	AL-5	MS-2273A	STD,.25mm,.50mm,.75mm					
1-4		MB-3511A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9770
2		MB-3512A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.7380
3		MB-3881A(F)		2.6473/2.6482	0.0004/0.0032	0.0959	2.8405/2.8415	0.9420
Camshaft Bearing Set	B-1	SH-1364S	STD					
1		SH-1362		1.8677/1.8697	0.0012/0.0053	0.0691	2.0090/2.0110	0.6300
2-3		SH-1363		1.8677/1.8697	0.0011/0.0057	0.0640	1.9988/2.0002	0.6350
4		SH-1364		1.8677/1.8697	0.0012/0.0053	0.0691	2.0091/2.0100	0.6300
58	3.0L 181 CID OHV 12V V6 GMC; Buick VIN Code: 'L' (1985-1988)			3.800"/96.5mm x 2.660"/67.6mm				58
Connecting Rod Bearing Pair (6)	AL-5	CB-1228A	STD,10,20,30,40	2.2487/2.2495	0.0005/0.0030	0.0619	2.3738/2.3745	0.6590
Connecting Rod Bearing Pair (6)	TM-77	CB-1228P	STD,10,20,30,40	2.2495	0.0030	0.0619	2.3745	0.6590
Connecting Rod Bearing Set	AL-5	CB-1228A(6)	STD,10,20,30,40	2.2487/2.2495	0.0005/0.0030	0.0619	2.3738/2.3745	0.6590
Connecting Rod Bearing Set	TM-77	CB-1228P(6)	STD,10,20,30,40	2.2487/2.2495	0.0005/0.0030	0.0619	2.3738/2.3745	0.6590
Main Bearing Set	TM-77	MS-960P	STD,10,20					
1-3		MB-2433P		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690
2		MB-2434P(F)		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	1.0580
4		MB-2491P		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690
Camshaft Bearing Set	B-1	SH-1385S	STD					
1		SH-1360		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.7550
2-3-4		SH-1361		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.6250
For Year: 1985	NOTE: For 1985 engines with 14 bolt oil pan							
Camshaft Bearing Set	B-1	SH-1448S	STD					
1-4		SH-1448						
2-3		SH-1361		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.6250
NOTE: For 1985 engines with 20 bolt oil pan								
Piston Pin Bushing (4)	C-1	223-3648	STD					0.8563
For Year: 1988	NOTE: OE Replacement							



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
59	3.0L 181 CID OHV 12V V6 GMC; Buick VIN Code: 'E' (1982-1985)			3.800"/96.5mm x 2.660"/67.6mm				59
	3.8L 3800 CC 231 CID OHV 12V V6 GMC; Buick VIN Codes: '3' (1985-1990), '9' (1984-1985), 'A' (1977-1987)			3.800"/96.5mm x 3.400"/86.4mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-1228A	STD,10,20,30,40	2.2487/2.2495	0.0005/0.0030	0.0619	2.3738/2.3745	0.6590
Connecting Rod Bearing Pair (6)	TM-77	CB-1228P	STD,10,20,30,40	2.2495	0.0030	0.0619	2.3745	0.6590
Connecting Rod Bearing Set	AL-5	CB-1228A(6)	STD,10,20,30,40	2.2487/2.2495	0.0005/0.0030	0.0619	2.3738/2.3745	0.6590
Connecting Rod Bearing Set	TM-77	CB-1228P(6)	STD,10,20,30,40	2.2487/2.2495	0.0005/0.0030	0.0619	2.3738/2.3745	0.6590
Main Bearing Set	TM-77	MS-960P	STD,10,20					
1-3		MB-2433P		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690
2		MB-2434P(F)		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	1.0580
4		MB-2491P		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690
Camshaft Bearing Set	B-1	SH-1385S	STD					
1		SH-1360		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.7550
2-3-4		SH-1361		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.6250
For Years: 1977 - 1985 NOTE: For 1985 engines with 14 bolt oil pan								
Camshaft Bearing Set	B-1	SH-1448S	STD					
1-4		SH-1448						
2-3		SH-1361		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.6250
For Years: 1985 - 1988 NOTE: For 1985 engines with 20 bolt oil pan								
60	3.0L 3000 CC 181 CID DOHC 24V V6 OPEL; Ecotec VIN Codes: 'B' (2002-2003), 'R' (2000-2005)			3.390"/86.0mm x 3.350"/85.0mm				60
	3.2L 197 CID DOHC 24V V6 GMC; Cadillac VIN Code: 'N' (2003-2004)			3.440"/87.4mm x 3.460"/87.9mm				
Connecting Rod Bearing Pair (6)	AL-3	CB-1851A	STD,.25mm	2.1248/2.1256	0.0005/0.0024	0.0589	2.2441/2.2446	0.6417
Connecting Rod Bearing Set	AL-3	CB-1851A(6)	STD,.25mm	2.1248/2.1256	0.0005/0.0024	0.0589	2.2441/2.2446	0.6417
61	3.2L 3180 CC 194 CID OHV 12V L6 GMC (1962-1967)			3.560"/90.5mm x 3.250"/82.6mm				61
	3.5L 3524 CC 215 CID OHV 12V L6 GMC 80Z, 81Z, 82Z, 83Y, 84Z, 85Z, 87Z, 88Y, 89Y, ZD, ZE, ZK, ZL, ZM, ZN (1964-1965)			3.750"/95.3mm x 3.250"/82.6mm				
	3.8L 3769 CC 230 CID OHV 12V L6 GMC VIN Code: 'S' (1968-1969)			3.880"/98.4mm x 3.250"/82.6mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-745A	STD,10,20,30	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Pair (6)	AL-5	CB-1853A-10	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
For Years: 1962 - 1969 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (6)	TM-77	CB-745P	STD,1,2,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
61 (cont.)	3.2L 3180 CC 194 CID OHV 12V L6 GMC (1962-1967)			3.560"/90.5mm x 3.250"/82.6mm				61 (cont.)
	3.5L 3524 CC 215 CID OHV 12V L6 GMC 80Z, 81Z, 82Z, 83Y, 84Z, 85Z, 87Z, 88Y, 89Y, ZD, ZE, ZK, ZL, ZM, ZN (1964-1965)			3.750"/95.3mm x 3.250"/82.6mm				
	3.8L 3769 CC 230 CID OHV 12V L6 GMC VIN Code: 'S' (1968-1969)			3.880"/98.4mm x 3.250"/82.6mm				
Connecting Rod Bearing Set	AL-5	CB-745A(6)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set For Years: 1962 - 1969 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1853A-10(6)	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
Connecting Rod Bearing Set	TM-77	CB-745P(6)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Main Bearing Set 1-2-3-4-5-6 7	AL-5	MS-617A MB-3135A MB-2588A(F)	STD,10,20,30	2.2983/2.2993 2.2983/2.2993	0.0003/0.0033 0.0006/0.0036	0.0955	2.4906/2.4916	0.8070 1.0090
Main Bearing Set 1-2-3-4-5-6 7	TM-77	MS-617P MB-3135P MB-2588P(F)	STD,10,20,30,40	2.2980/2.2990 2.2983/2.2993	0.0003/0.0033 0.0006/0.0036	0.0955	2.4906/2.4916	0.8070 1.0090
Camshaft Bearing Set 1-4 2-3 For Years: 1962 - 1969	B-1	SH-399S SH-399 SH-400	STD	1.8682/1.8692 1.8680/1.8690	0.0005/0.0050 0.0010/0.0050	0.0697 0.0647	2.0090/2.0110 1.9990/2.0010	0.8700 0.8700
62	3.2L 196 CID OHV 12V V6 GMC; Buick VIN Code: 'C' (1978-1979)			3.540"/90.0mm x 3.310"/84.0mm				62
	3.8L 231 CID OHV 12V V6 GMC; Buick VIN Code: '2' (1978-1979)			3.780"/96.0mm x 3.420"/86.8mm				
	3.8L 3800 CC 231 CID OHV 12V V6 GMC; Buick VIN Codes: '3' (1978-1982), '8' (1983), 'G' (1978)			3.800"/96.5mm x 3.400"/86.4mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-1228A	STD,10,20,30,40	2.2487/2.2495	0.0005/0.0030	0.0619	2.3738/2.3745	0.6590
Connecting Rod Bearing Pair (6)	TM-77	CB-1228P	STD,10,20,30,40	2.2495	0.0030	0.0619	2.3745	0.6590
Connecting Rod Bearing Set	AL-5	CB-1228A(6)	STD,10,20,30,40	2.2487/2.2495	0.0005/0.0030	0.0619	2.3738/2.3745	0.6590
Connecting Rod Bearing Set	TM-77	CB-1228P(6)	STD,10,20,30,40	2.2487/2.2495	0.0005/0.0030	0.0619	2.3738/2.3745	0.6590
Main Bearing Set 1-3 2 4	TM-77	MS-960P MB-2433P MB-2434P(F) MB-2491P	STD,10,20	2.4990/2.5000 2.4990/2.5000 2.4990/2.5000	0.0005/0.0034 0.0005/0.0034 0.0005/0.0034	0.0935	2.6870/2.6880	0.8690 1.0580 0.8690
Camshaft Bearing Set 1 2-3-4	B-1	SH-1385S SH-1360 SH-1361	STD	1.7850/1.7860 1.7850/1.7860	0.0011/0.0053 0.0011/0.0053	0.0642	1.9155/1.9175	0.7550 0.6250
63	3.2L 3245 CC 198 CID OHV 12V V6 GMC 6I, JL, JZ (1962-1963)			3.630"/92.1mm x 3.200"/81.4mm				63
Connecting Rod Bearing Pair (6)	AL-5	CB-610A	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
63 (cont.)	3.2L 3245 CC 198 CID OHV 12V V6 GMC 6I, JL, JZ (1962-1963)			3.630"/92.1mm x 3.200"/81.4mm				63 (cont.)
Connecting Rod Bearing Pair (6)	AL-5	CB-1878A-10	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (6)	TM-77	CB-610P-1		1.9995/2.0050	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-610A(6)	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-1878A-10(6)	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
64	3.3L 200 CID OHV 12V V6 GMC; Chevrolet VIN Code: 'M' (1978-1979)			3.500"/88.9mm x 3.480"/88.4mm				64
	3.8L 229 CID OHV 12V V6 GMC; Chevrolet VIN Code: 'K' (1980-1982)			3.740"/94.9mm x 3.480"/88.4mm				
Connecting Rod Bearing Pair (6)	TM-77	CB-1227P	STD,10,20,40	2.0990/2.1000	0.0003/0.0033	0.0622	2.2247/2.2257	0.7130
Connecting Rod Bearing Set	TM-77	CB-1227P(6)	STD,10,20,40	2.0990/2.1000	0.0003/0.0033	0.0622	2.2247/2.2257	0.7130
Main Bearing Set 1-2-3	AL-5	MS-1454A	STD,10,20,30,40	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
4		MB-2508A MB-2509A(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
Main Bearing Set 1-2-3	TM-77	MS-1454P	STD,1,10,20,30,40	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
4		MB-2508P MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
Main Bearing Set 1-2-3	TM-77	MS-2215P-10	20	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
4		MB-2508P MB-3119P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7280
NOTE: Contains .010in Oversized Length Flanged Bearing								
65	3.3L 204 CID OHV 12V V6 GMC; Buick VIN Code: 'N' (1989-1993)			3.700"/92.0mm x 3.160"/84.0mm				65
	3.8L 3800 CC 231 CID OHV 12V V6 GMC LN3; Buick VIN Code: 'C' (1988-1991)			3.800"/96.5mm x 3.400"/86.4mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-1228A	STD,10,20,30,40	2.2487/2.2495	0.0005/0.0030	0.0619	2.3738/2.3745	0.6590
For Years: 1988 - 1990								
Connecting Rod Bearing Pair (6)	TM-77	CB-1228P	STD,10,20,30,40	2.2495	0.0030	0.0619	2.3745	0.6590
For Years: 1988 - 1991								
Connecting Rod Bearing Pair (6)	AL-5	CB-1443A	STD,10,20,30	2.2487/2.2499	0.0010/0.0026	0.0619	2.3738/2.3745	0.7210
For Years: 1991 - 1993								
Connecting Rod Bearing Pair (6)	AL-5	CB-1806A-10	20,30	2.2487/2.2499	0.0010/0.0035	0.0629	2.3758/2.3765	0.7210
For Years: 1991 - 1993								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1228A(6)	STD,10,20,30,40	2.2487/2.2495	0.0005/0.0030	0.0619	2.3738/2.3745	0.6590
For Years: 1988 - 1990								



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
65 (cont.)	3.3L 204 CID OHV 12V V6 GMC; Buick VIN Code: 'N' (1989-1993)			3.700"/92.0mm x 3.160"/84.0mm				65 (cont.)
	3.8L 3800 CC 231 CID OHV 12V V6 GMC LN3; Buick VIN Code: 'C' (1988-1991)			3.800"/96.5mm x 3.400"/86.4mm				
Connecting Rod Bearing Set	AL-5	CB-1443A(6)	STD,10,20,30	2.2487/2.2499	0.0010/0.0026	0.0619	2.3738/2.3745	0.7210
For Years: 1991 - 1993								
Connecting Rod Bearing Set	AL-5	CB-1806A-10(6)	20,30	2.2487/2.2499	0.0010/0.0035	0.0629	2.3758/2.3765	0.7210
For Years: 1991 - 1993								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-1228P(6)	STD,10,20,30,40	2.2487/2.2495	0.0005/0.0030	0.0619	2.3738/2.3745	0.6590
For Years: 1988 - 1991								
Main Bearing Set	TM-77	MS-960P	STD,10,20					
1-3		MB-2433P		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690
2		MB-2434P(F)		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	1.0580
4		MB-2491P		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690
For Years: 1988 - 1990								
Main Bearing Set	TM-77	MS-1822P	STD,10					
1-3		MB-3213P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
2		MB-3214P(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
4		MB-3215P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
For Years: 1990 - 1993								
NOTE: Engines With 1/2in Main Bearing Bolts								
Camshaft Bearing Set	B-1	SH-1448S	STD					
1-4		SH-1448						
2-3		SH-1361		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.6250
66	3.3L 3340 CC 204 CID OHV 12V V6 GMC; Buick VIN Code: 'N' (1989-1990)			3.700"/94.0mm x 3.160"/80.3mm				66
Connecting Rod Bearing Pair (6)	AL-5	CB-1228A	STD,10,20,30,40	2.2487/2.2495	0.0005/0.0030	0.0619	2.3738/2.3745	0.6590
Connecting Rod Bearing Pair (6)	TM-77	CB-1228P	STD,10,20,30,40	2.2495	0.0030	0.0619	2.3745	0.6590
Connecting Rod Bearing Set	AL-5	CB-1228A(6)	STD,10,20,30,40	2.2487/2.2495	0.0005/0.0030	0.0619	2.3738/2.3745	0.6590
Connecting Rod Bearing Set	TM-77	CB-1228P(6)	STD,10,20,30,40	2.2487/2.2495	0.0005/0.0030	0.0619	2.3738/2.3745	0.6590
Main Bearing Set	TM-77	MS-960P	STD,10,20					
1-3		MB-2433P		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690
2		MB-2434P(F)		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	1.0580
4		MB-2491P		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690
67	3.4L 207 CID OHV 12V V6 GMC; Chevrolet VIN Code: 'F' (2005-2009)			3.620"/92.0mm x 3.310"/84.0mm				67
Connecting Rod Bearing Pair (6)	AL-5	CB-1238A	STD,.25mm,.50mm,.75mm,1.00mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205
Connecting Rod Bearing Pair (6)	AL-5	CB-1797A	STD,.25mm,.50mm	1.9984/1.9994	0.0005/0.0035	0.0633	2.1265/2.1275	0.7205
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
67 (cont.)	3.4L 207 CID OHV 12V V6 GMC; Chevrolet VIN Code: 'F' (2005-2009)			3.620"/92.0mm x 3.310"/84.0mm				67 (cont.)
Connecting Rod Bearing Set	AL-5	CB-1238A(6)	STD,.25mm,.50mm,.75mm,1.00mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205
Connecting Rod Bearing Set	AL-5	CB-1797A(6)	STD,.25mm,.50mm,.75mm	1.9984/1.9994	0.0005/0.0035	0.0633	2.1265/2.1275	0.7205
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-2273A	STD,.25mm,.50mm,.75mm					
1-4		MB-3511A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9770
2		MB-3512A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.7380
3		MB-3881A(F)		2.6473/2.6482	0.0004/0.0032	0.0959	2.8405/2.8415	0.9420
Camshaft Bearing Set	B-1	SH-2121S	STD					
1		SH-2121		2.0242/2.0252	0.0010/0.0052	0.0747	2.1756/2.1776	0.9100
2-3		SH-2122		2.0242/2.0252	0.0011/0.0053	0.0646	2.1555/2.1575	0.6350
4		SH-2123		2.0242/2.0252	0.0010/0.0052	0.0747	2.1756/2.1776	0.6250
For Years: 2007 - 2009								
Camshaft Bearing Set	B-1	SH-1364S	STD					
1		SH-1362		1.8677/1.8697	0.0012/0.0053	0.0691	2.0090/2.0110	0.6300
2-3		SH-1363		1.8677/1.8697	0.0011/0.0057	0.0640	1.9988/2.0002	0.6350
4		SH-1364		1.8677/1.8697	0.0012/0.0053	0.0691	2.0091/2.0100	0.6300
For Years: 2005 - 2006								
68	3.4L 207 CID DOHC 24V V6 GMC; Chevrolet VIN Code: 'X' (1991-1997)			3.620"/92.0mm x 3.310"/84.0mm				68
Connecting Rod Bearing Pair (6)	AL-5	CB-1238A	STD,.25mm,.50mm,.75mm,1.00mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205
Connecting Rod Bearing Pair (6)	AL-5	CB-1797A	STD,.25mm,.50mm	1.9984/1.9994	0.0005/0.0035	0.0633	2.1265/2.1275	0.7205
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1238A(6)	STD,.25mm,.50mm,.75mm,1.00mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205
Connecting Rod Bearing Set	AL-5	CB-1797A(6)	STD,.25mm,.50mm,.75mm	1.9984/1.9994	0.0005/0.0035	0.0633	2.1265/2.1275	0.7205
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-2273A	STD,.25mm,.50mm,.75mm					
1-4		MB-3511A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9770
2		MB-3512A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.7380
3		MB-3881A(F)		2.6473/2.6482	0.0004/0.0032	0.0959	2.8405/2.8415	0.9420
69	3.5L 211 CID OHV 12V V6 GMC VIN Code: '8' (2005)			3.700"/94.0mm x 3.310"/84.1mm				69
Connecting Rod Bearing Pair (6)	AL-5	CB-1874A	STD,.25mm,.50mm,.75mm	2.2488/2.2495	0.0008/0.0025	0.0622	2.3750/2.3760	0.7700
Connecting Rod Bearing Pair (6)	AL-5	CB-1875A-.25mm	.50mm,.75mm	2.2488/2.2495	0.0008/0.0025	0.0632	2.3770/2.3780	0.7700
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
69 (cont.)	3.5L 211 CID OHV 12V V6 GMC VIN Code: '8' (2005)			3.700"/94.0mm x 3.310"/84.1mm				69 (cont.)
Connecting Rod Bearing Set	AL-5	CB-1874A(6)	STD, .25mm, .50mm, .75mm	2.2488/2.2495	0.0008/0.0025	0.0622	2.3750/2.3760	0.7700
Connecting Rod Bearing Set	AL-5	CB-1875A-.25mm(6)	.50mm, .75mm	2.2488/2.2495	0.0008/0.0025	0.0632	2.3770/2.3780	0.7700
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-2273A	STD, .25mm, .50mm, .75mm					
1-4		MB-3511A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9770
2		MB-3512A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.7380
3		MB-3881A(F)		2.6473/2.6482	0.0004/0.0032	0.0959	2.8405/2.8415	0.9420
Camshaft Bearing Set	B-1	SH-1364S	STD					
1		SH-1362		1.8677/1.8697	0.0012/0.0053	0.0691	2.0090/2.0110	0.6300
2-3		SH-1363		1.8677/1.8697	0.0011/0.0057	0.0640	1.9988/2.0002	0.6350
4		SH-1364		1.8677/1.8697	0.0012/0.0053	0.0691	2.0091/2.0100	0.6300
70	3.5L 213 CID OHV 12V V6 GMC VIN Codes: '8' (2004-2006), 'L' (2005-2007)			3.700"/94.0mm x 3.310"/84.1mm				70
Connecting Rod Bearing Pair (6)	AL-5	CB-1874A	STD, .25mm, .50mm, .75mm	2.2488/2.2495	0.0008/0.0025	0.0622	2.3750/2.3760	0.7700
Connecting Rod Bearing Pair (6)	AL-5	CB-1875A-.25mm	.50mm, .75mm	2.2488/2.2495	0.0008/0.0025	0.0632	2.3770/2.3780	0.7700
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1874A(6)	STD, .25mm, .50mm, .75mm	2.2488/2.2495	0.0008/0.0025	0.0622	2.3750/2.3760	0.7700
Connecting Rod Bearing Set	AL-5	CB-1875A-.25mm(6)	.50mm, .75mm	2.2488/2.2495	0.0008/0.0025	0.0632	2.3770/2.3780	0.7700
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-2273A	STD, .25mm, .50mm, .75mm					
1-4		MB-3511A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9770
2		MB-3512A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.7380
3		MB-3881A(F)		2.6473/2.6482	0.0004/0.0032	0.0959	2.8405/2.8415	0.9420
For Years: 2004 - 2005								
Main Bearing Set	AL-5	MS-2274A	STD, .25mm, .50mm, .75mm					
1		MB-3511A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9770
2		MB-3512A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.7380
3		MB-3881A(F)		2.6473/2.6482	0.0004/0.0032	0.0959	2.8405/2.8415	0.9420
4		MB-3883P		2.6473/2.6483	0.0001/0.0041	0.0960	2.8400/2.8410	0.9750
For Years: 2006 - 2007								
NOTE: Contains Tri-Metal Bearing For Position Number 4								
Camshaft Bearing Set	B-1	SH-1364S	STD					
1		SH-1362		1.8677/1.8697	0.0012/0.0053	0.0691	2.0090/2.0110	0.6300
2-3		SH-1363		1.8677/1.8697	0.0011/0.0057	0.0640	1.9988/2.0002	0.6350
4		SH-1364		1.8677/1.8697	0.0012/0.0053	0.0691	2.0091/2.0100	0.6300



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				6 CYL (cont.)					
71	3.5L 213 CID OHV 12V V6 GMC VIN Code: 'L' (2006)			3.700"/94.0mm x 3.310"/84.1mm					71
	3.5L 214 CID OHV 12V V6 GMC VIN Code: '8' (2006)			3.700"/94.0mm x 3.310"/84.1mm					
Connecting Rod Bearing Pair (6)	AL-5	CB-1874A	STD,.25mm,.50mm,.75mm	2.2488/2.2495	0.0008/0.0025	0.0622	2.3750/2.3760	0.7700	
Connecting Rod Bearing Pair (6)	AL-5	CB-1875A-.25mm	.50mm,.75mm	2.2488/2.2495	0.0008/0.0025	0.0632	2.3770/2.3780	0.7700	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-1874A(6)	STD,.25mm,.50mm,.75mm	2.2488/2.2495	0.0008/0.0025	0.0622	2.3750/2.3760	0.7700	
Connecting Rod Bearing Set	AL-5	CB-1875A-.25mm(6)	.50mm,.75mm	2.2488/2.2495	0.0008/0.0025	0.0632	2.3770/2.3780	0.7700	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set	AL-5	MS-2274A	STD,.25mm,.50mm,.75mm						
1		MB-3511A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9770	
2		MB-3512A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.7380	
3		MB-3881A(F)		2.6473/2.6482	0.0004/0.0032	0.0959	2.8405/2.8415	0.9420	
4		MB-3883P		2.6473/2.6483	0.0001/0.0041	0.0960	2.8400/2.8410	0.9750	
NOTE: Contains Tri-Metal Bearing For Position Number 4									
Camshaft Bearing Set	B-1	SH-1364S	STD						
1		SH-1362		1.8677/1.8697	0.0012/0.0053	0.0691	2.0090/2.0110	0.6300	
2-3		SH-1363		1.8677/1.8697	0.0011/0.0057	0.0640	1.9988/2.0002	0.6350	
4		SH-1364		1.8677/1.8697	0.0012/0.0053	0.0691	2.0091/2.0100	0.6300	
72	3.5L 3490 CC 213 CID OHV 12V V6 GMC VIN Codes: 'K' (2006-2011), 'N' (2006-2010)			3.900"/99.0mm x 2.990"/76.0mm					72
	3.9L 3880 CC 237 CID OHV 12V V6 GMC LGD, LZG VIN Codes: '1' (2006-2010), '3' (2008), 'M' (2009-2011), 'R' (2007), 'W' (2007-2009)			3.900"/99.0mm x 3.310"/84.0mm					
Connecting Rod Bearing Pair (6)	AL-5	CB-1874A	STD,.25mm,.50mm,.75mm	2.2488/2.2495	0.0008/0.0025	0.0622	2.3750/2.3760	0.7700	
Connecting Rod Bearing Pair (6)	AL-5	CB-1875A-.25mm	.50mm,.75mm	2.2488/2.2495	0.0008/0.0025	0.0632	2.3770/2.3780	0.7700	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-1874A(6)	STD,.25mm,.50mm,.75mm	2.2488/2.2495	0.0008/0.0025	0.0622	2.3750/2.3760	0.7700	
Connecting Rod Bearing Set	AL-5	CB-1875A-.25mm(6)	.50mm,.75mm	2.2488/2.2495	0.0008/0.0025	0.0632	2.3770/2.3780	0.7700	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set	AL-5	MS-2275A	STD,.25mm,.50mm,.75mm						
1		MB-3885A		2.6473/2.6483	0.0001/0.0033	0.0960	2.8400/2.8410	0.9750	
2		MB-3884A		2.6473/2.6483	0.0001/0.0033	0.0960	2.8400/2.8410	0.7750	
3		MB-3881A(F)		2.6473/2.6482	0.0004/0.0032	0.0959	2.8405/2.8415	0.9420	
4		MB-3883P		2.6473/2.6483	0.0001/0.0041	0.0960	2.8400/2.8410	0.9750	
NOTE: Contains Tri-Metal Bearing For Position Number 4									



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
72 (cont.)	3.5L 3490 CC 213 CID OHV 12V V6 GMC VIN Codes: 'K' (2006-2011), 'N' (2006-2010)			3.900"/99.0mm x 2.990"/76.0mm				72 (cont.)
	3.9L 3880 CC 237 CID OHV 12V V6 GMC LGD, LZG VIN Codes: '1' (2006-2010), '3' (2008), 'M' (2009-2011), 'R' (2007), 'W' (2007-2009)			3.900"/99.0mm x 3.310"/84.0mm				
Camshaft Bearing Set								
		SH-2121S	STD					
1		SH-2121		2.0242/2.0252	0.0010/0.0052	0.0747	2.1756/2.1776	0.9100
2-3		SH-2122		2.0242/2.0252	0.0011/0.0053	0.0646	2.1555/2.1575	0.6350
4		SH-2123		2.0242/2.0252	0.0010/0.0052	0.0747	2.1756/2.1776	0.6250
For Years: 2006 - 2010								
73	3.5L 214 CID DOHC 24V V6 GMC; Oldsmobile VIN Code: 'H' (1999-2002)			3.520"/89.5mm x 3.620"/92.0mm				73
Connecting Rod Bearing Pair (6)	TM-77	CB-1812P	STD,10	2.1835	0.0027	0.0722	2.3290	0.7230
Connecting Rod Bearing Pair (6)		CB-1820P-20		2.1829/2.1835	0.0001/0.0027	0.0732	2.3300/2.3310	0.7230
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set								
	AL-5	MS-2273A	STD,.25mm,.50mm,.75mm					
1-4		MB-3511A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9770
2		MB-3512A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.7380
3		MB-3881A(F)		2.6473/2.6482	0.0004/0.0032	0.0959	2.8405/2.8415	0.9420
74	3.6L 217 CID DOHC 24V V6 GMC LLT VIN Code: 'D' (2014)			3.700"/94.0mm x 3.370"/85.6mm				74
Connecting Rod Bearing Pair (6)	AL-5	CB-1879A-10	20	2.2044/2.2050	0.0004/0.0023	0.0719	2.3492/2.3499	0.7300
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1879A-10(6)	20	2.2044/2.2050	0.0004/0.0023	0.0719	2.3492/2.3499	0.7300
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
75	3.6L 3564 CC 217 CID DOHC 24V V6 GMC LLT (2010)			3.700"/94.0mm x 3.370"/85.6mm				75
Main Bearing Set								
	AL-5	MS-2276A	STD,10,20					
1-2-4		MB-3886A		2.6769/2.6775	0.0002/0.0020	0.0955	2.8687/2.8694	0.7776
3		MB-3887A(F)		2.6769/2.6775	0.0002/0.0020	0.0955	2.8687/2.8694	0.9563
76	3.7L 3687 CC 225 CID OHV 12V V6 GMC HH, KH, LJ, MH (1964-1966)			3.750"/95.3mm x 3.400"/86.4mm				76
Connecting Rod Bearing Pair (6)	AL-5	CB-610A	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Pair (6)	AL-5	CB-1878A-10	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (6)	TM-77	CB-610P-1		1.9995/2.0050	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-610A(6)	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
76 (cont.)	3.7L 3687 CC 225 CID OHV 12V V6 GMC HH, KH, LJ, MH (1964-1966)			3.750"/95.3mm x 3.400"/86.4mm				76 (cont.)
Connecting Rod Bearing Set	AL-5	CB-1878A-10(6)	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	TM-77	MS-960P	STD,10,20					
1-3		MB-2433P		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690
2		MB-2434P(F)		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	1.0580
4		MB-2491P		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690
77	3.7L 3687 CC 225 CID OHV 12V V6 GMC KJ, LH, MK, NH (1964-1967)			3.750"/95.3mm x 3.400"/86.4mm				77
Connecting Rod Bearing Pair (6)	AL-5	CB-610A	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Pair (6)	AL-5	CB-1878A-10	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (6)	TM-77	CB-610P-1		1.9995/2.0050	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-610A(6)	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-1878A-10(6)	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	TM-77	MS-960P	STD,10,20					
1-3		MB-2433P		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690
2		MB-2434P(F)		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	1.0580
4		MB-2491P		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690
Camshaft Bearing Set	B-1	SH-506S	STD					
1		SH-506		1.7550/1.7560	0.0010/0.0060	0.0643	1.8855/1.8875	0.7600
2		SH-363		1.7250/1.7260	0.0010/0.0060	0.0643	1.8555/1.8575	0.7600
3		SH-364		1.6950/1.6960	0.0010/0.0060	0.0643	1.8255/1.8275	0.7600
4		SH-365		1.6650/1.6660	0.0010/0.0060	0.0643	1.7955/1.7975	0.7600
78	3.8L 229 CID OHV 12V V6 GMC; Chevrolet VIN Code: '9' (1983-1984)			3.740"/94.9mm x 3.480"/88.4mm				78
	3.8L 229 CID OHV 12V V6 GMC; Buick VIN Code: 'K' (1980-1982)			3.740"/94.9mm x 3.480"/88.4mm				
Connecting Rod Bearing Pair (6)	TM-77	CB-1227P	STD,10,20,40	2.0990/2.1000	0.0003/0.0033	0.0622	2.2247/2.2257	0.7130
Connecting Rod Bearing Set	TM-77	CB-1227P(6)	STD,10,20,40	2.0990/2.1000	0.0003/0.0033	0.0622	2.2247/2.2257	0.7130
Main Bearing Set	AL-5	MS-1454A	STD,10,20,30,40					
1-2-3		MB-2508A		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
4		MB-2509A(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
Main Bearing Set	TM-77	MS-1454P	STD,1,10,20,30,40					
1-2-3		MB-2508P		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
4		MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
78 (cont.)	3.8L 229 CID OHV 12V V6 GMC; Chevrolet VIN Code: '9' (1983-1984)			3.740"/94.9mm x 3.480"/88.4mm				78 (cont.)
	3.8L 229 CID OHV 12V V6 GMC; Buick VIN Code: 'K' (1980-1982)			3.740"/94.9mm x 3.480"/88.4mm				
Main Bearing Set	TM-77	MS-2215P-10	20					
1-2-3		MB-2508P		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
4		MB-3119P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7280
NOTE: Contains .010in Oversized Length Flanged Bearing								
Camshaft Bearing Set	B-1	SH-1350S	STD					
1		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
2-4		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
3		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
79	3.8L 3769 CC 230 CID SOHC 12V L6 GMC ZD, ZE, ZF, ZG, ZK, ZL, ZM, ZN (1965-1967)			3.880"/98.4mm x 3.250"/82.6mm				79
	4.1L 4098 CC 250 CID SOHC 12V L6 GMC; Pontiac (1968-1969)			3.880"/98.4mm x 3.530"/89.7mm				
	4.1L 4097 CC 250 CID OHV 12V L6 GMC CAA, CAB, ZB, ZG (1970-1971)			3.880"/98.4mm x 3.530"/89.7mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-745A	STD,10,20,30	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Pair (6)	AL-5	CB-1853A-10	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
For Years: 1966 - 1971								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (6)	TM-77	CB-745P	STD,1,2,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-745A(6)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1853A-10(6)	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
For Years: 1966 - 1971								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-745P(6)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Main Bearing Set	AL-5	MS-617A	STD,10,20,30					
1-2-3-4-5-6		MB-3135A		2.2983/2.2993	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
7		MB-2588A(F)		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090
Main Bearing Set	TM-77	MS-617P	STD,10,20,30,40					
1-2-3-4-5-6		MB-3135P		2.2980/2.2990	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
7		MB-2588P(F)		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090
80	3.8L 231 CID OHV 12V V6 GMC; Buick VIN Code: 'C' (1975-1977)			3.780"/96.0mm x 3.420"/86.8mm				80
Connecting Rod Bearing Pair (6)	AL-5	CB-610A	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Pair (6)	AL-5	CB-1878A-10	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
80 (cont.)	3.8L 231 CID OHV 12V V6 GMC; Buick VIN Code: 'C' (1975-1977)			3.780"/96.0mm x 3.420"/86.8mm				80 (cont.)
Connecting Rod Bearing Pair (6)	TM-77	CB-610P-1		1.9995/2.0050	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-610A(6)	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-1878A-10(6)	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	TM-77	MS-960P	STD,10,20					
1-3		MB-2433P		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690
2		MB-2434P(F)		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	1.0580
4		MB-2491P		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690
Camshaft Bearing Set	B-1	SH-1385S	STD					
1		SH-1360		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.7550
2-3-4		SH-1361		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.6250
81	3.8L 3800 CC 231 CID OHV 12V V6 GMC; Buick VIN Code: '4' (2004-2007)			3.800"/96.5mm x 3.400"/86.4mm				81
Connecting Rod Bearing Pair (6)	AL-5	CB-1443A	STD,10,20,30	2.2487/2.2499	0.0010/0.0026	0.0619	2.3738/2.3745	0.7210
Connecting Rod Bearing Pair (6)	AL-5	CB-1806A-10	20,30	2.2487/2.2499	0.0010/0.0035	0.0629	2.3758/2.3765	0.7210
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1443A(6)	STD,10,20,30	2.2487/2.2499	0.0010/0.0026	0.0619	2.3738/2.3745	0.7210
Connecting Rod Bearing Set	AL-5	CB-1806A-10(6)	20,30	2.2487/2.2499	0.0010/0.0035	0.0629	2.3758/2.3765	0.7210
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-2022A	STD,10,20,30					
1		MB-3495A		2.4990/2.5000	0.0005/0.0022	0.0936	2.6870/2.6880	0.8690
2		MB-3214A(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
3		MB-3213A		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
4		MB-3494A		2.4988/2.4998	0.0018/0.0030	0.0935	2.6870/2.6880	0.8690
Main Bearing Set	TM-77	MS-2022P	STD,10					
1		MB-3495P		2.4990/2.5000	0.0005/0.0022	0.0936	2.6870/2.6880	0.8690
2		MB-3214P(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
3		MB-3213P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
4		MB-3494P		2.4988/2.4998	0.0018/0.0030	0.0935	2.6870/2.6880	0.8690
Camshaft Bearing Set	B-1	SH-1812S	STD					
1-4		SH-1812		1.8448/1.8462	0.0005/0.0055	0.0741	1.9955/1.9975	0.7450
2-3		SH-1813		1.8448/1.8462	0.0011/0.0057	0.0641	1.9755/1.9775	0.6300
Balance Shaft Bearing Set		SH-1798S	STD					
Rear		SH-1798		1.4986/1.5000	0.0011/0.0047	0.1882	1.8735/1.8745	0.8350
NOTE: Except Engines With Roller Bearings, Except Engines With Roller Bearings								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
82	3.8L 3800 CC 231 CID OHV 12V V6 GMC; Buick VIN Code: '2' (2004-2009)			3.800"/96.5mm x 3.400"/86.4mm				82
Connecting Rod Bearing Pair (6)	AL-5	CB-1443A	STD,10,20,30	2.2487/2.2499	0.0010/0.0026	0.0619	2.3738/2.3745	0.7210
Connecting Rod Bearing Pair (6)	AL-5	CB-1806A-10	20,30	2.2487/2.2499	0.0010/0.0035	0.0629	2.3758/2.3765	0.7210
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1443A(6)	STD,10,20,30	2.2487/2.2499	0.0010/0.0026	0.0619	2.3738/2.3745	0.7210
Connecting Rod Bearing Set	AL-5	CB-1806A-10(6)	20,30	2.2487/2.2499	0.0010/0.0035	0.0629	2.3758/2.3765	0.7210
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-2022A	STD,10,20,30					
1		MB-3495A		2.4990/2.5000	0.0005/0.0022	0.0936	2.6870/2.6880	0.8690
2		MB-3214A(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
3		MB-3213A		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
4		MB-3494A		2.4988/2.4998	0.0018/0.0030	0.0935	2.6870/2.6880	0.8690
Main Bearing Set	TM-77	MS-2022P	STD,10					
1		MB-3495P		2.4990/2.5000	0.0005/0.0022	0.0936	2.6870/2.6880	0.8690
2		MB-3214P(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
3		MB-3213P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
4		MB-3494P		2.4988/2.4998	0.0018/0.0030	0.0935	2.6870/2.6880	0.8690
Camshaft Bearing Set	B-1	SH-1812S	STD					
1-4		SH-1812		1.8448/1.8462	0.0005/0.0055	0.0741	1.9955/1.9975	0.7450
2-3		SH-1813		1.8448/1.8462	0.0011/0.0057	0.0641	1.9755/1.9775	0.6300
For Years: 2004 - 2008								
Balance Shaft Bearing Set		SH-1798S	STD					
Rear		SH-1798		1.4986/1.5000	0.0011/0.0047	0.1882	1.8735/1.8745	0.8350
NOTE: Except Engines With Roller Bearings, Except Engines With Roller Bearings								
Piston Pin Bushing	C-1	223-3647	STD			0.1100	0.9770	0.8420
NOTE: OE Replacement, Requires Light Reaming								
83	3.8L 3800 CC 231 CID OHV 12V V6 GMC; Buick (1995-1998)			3.800"/96.5mm x 3.400"/86.4mm				83
Connecting Rod Bearing Pair (6)	AL-5	CB-1443A	STD,10,20,30	2.2487/2.2499	0.0010/0.0026	0.0619	2.3738/2.3745	0.7210
Connecting Rod Bearing Pair (6)	AL-5	CB-1806A-10	20,30	2.2487/2.2499	0.0010/0.0035	0.0629	2.3758/2.3765	0.7210
For Years: 1995 - 1996								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1443A(6)	STD,10,20,30	2.2487/2.2499	0.0010/0.0026	0.0619	2.3738/2.3745	0.7210
Connecting Rod Bearing Set	AL-5	CB-1806A-10(6)	20,30	2.2487/2.2499	0.0010/0.0035	0.0629	2.3758/2.3765	0.7210
For Years: 1995 - 1996								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
83 (cont.)	3.8L 3800 CC 231 CID OHV 12V V6 GMC; Buick (1995-1998)			3.800"/96.5mm x 3.400"/86.4mm				83 (cont.)
Main Bearing Set	AL-5	MS-2022A	STD,10,20,30					
1		MB-3495A		2.4990/2.5000	0.0005/0.0022	0.0936	2.6870/2.6880	0.8690
2		MB-3214A(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
3		MB-3213A		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
4		MB-3494A		2.4988/2.4998	0.0018/0.0030	0.0935	2.6870/2.6880	0.8690
Main Bearing Set	TM-77	MS-2022P	STD,10					
1		MB-3495P		2.4990/2.5000	0.0005/0.0022	0.0936	2.6870/2.6880	0.8690
2		MB-3214P(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
3		MB-3213P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
4		MB-3494P		2.4988/2.4998	0.0018/0.0030	0.0935	2.6870/2.6880	0.8690
Camshaft Bearing Set	B-1	SH-1448S	STD					
1-4		SH-1448						
2-3		SH-1361		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.6250
For Year: 1995								
Camshaft Bearing Set	B-1	SH-1812S	STD					
1-4		SH-1812		1.8448/1.8462	0.0005/0.0055	0.0741	1.9955/1.9975	0.7450
2-3		SH-1813		1.8448/1.8462	0.0011/0.0057	0.0641	1.9755/1.9775	0.6300
For Year: 1996								
Balance Shaft Bearing Set		SH-1798S	STD					
Rear		SH-1798		1.4986/1.5000	0.0011/0.0047	0.1882	1.8735/1.8745	0.8350
For Year: 1995								
NOTE: Except Engines With Roller Bearings, Except Engines With Roller Bearings								
84	3.8L 3800 CC 231 CID OHV 12V V6 GMC; Buick			3.800"/96.5mm x 3.400"/86.4mm				84
	VIN Codes: '7' (1986-1987, 1989), 'B' (1986)							
Connecting Rod Bearing Pair (6)	AL-5	CB-1228A	STD,10,20,30,40	2.2487/2.2495	0.0005/0.0030	0.0619	2.3738/2.3745	0.6590
Connecting Rod Bearing Pair (6)	TM-77	CB-1228P	STD,10,20,30,40	2.2495	0.0030	0.0619	2.3745	0.6590
Connecting Rod Bearing Set	AL-5	CB-1228A(6)	STD,10,20,30,40	2.2487/2.2495	0.0005/0.0030	0.0619	2.3738/2.3745	0.6590
Connecting Rod Bearing Set	TM-77	CB-1228P(6)	STD,10,20,30,40	2.2487/2.2495	0.0005/0.0030	0.0619	2.3738/2.3745	0.6590
Main Bearing Set	TM-77	MS-960P	STD,10,20					
1-3		MB-2433P		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690
2		MB-2434P(F)		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	1.0580
4		MB-2491P		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690
Camshaft Bearing Set	B-1	SH-1448S	STD					
1-4		SH-1448						
2-3		SH-1361		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.6250
85	3.8L 3800 CC 231 CID OHV 12V V6 GMC L27; Buick			3.800"/96.5mm x 3.400"/86.4mm				85
	VIN Code: 'L' (1990-1996)							
Connecting Rod Bearing Pair (6)	AL-5	CB-1443A	STD,10,20,30	2.2487/2.2499	0.0010/0.0026	0.0619	2.3738/2.3745	0.7210



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
85 (cont.)	3.8L 3800 CC 231 CID OHV 12V V6 GMC L27; Buick VIN Code: 'L' (1990-1996)			3.800"/96.5mm x 3.400"/86.4mm				85 (cont.)
Connecting Rod Bearing Pair (6)	AL-5	CB-1806A-10	20,30	2.2487/2.2499	0.0010/0.0035	0.0629	2.3758/2.3765	0.7210
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1443A(6)	STD,10,20,30	2.2487/2.2499	0.0010/0.0026	0.0619	2.3738/2.3745	0.7210
Connecting Rod Bearing Set	AL-5	CB-1806A-10(6)	20,30	2.2487/2.2499	0.0010/0.0035	0.0629	2.3758/2.3765	0.7210
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set 1-3	TM-77	MS-1822P	STD,10	2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
2		MB-3213P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
4		MB-3214P(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
		MB-3215P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
For Years: 1990 - 1993								
NOTE: Engines With 1/2in Main Bearing Bolts								
Main Bearing Set 1	AL-5	MS-2022A	STD,10,20,30	2.4990/2.5000	0.0005/0.0022	0.0936	2.6870/2.6880	0.8690
2		MB-3495A		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
3		MB-3214A(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
4		MB-3213A		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
		MB-3494A		2.4988/2.4998	0.0018/0.0030	0.0935	2.6870/2.6880	0.8690
For Years: 1992 - 1996								
Main Bearing Set 1	TM-77	MS-2022P	STD,10	2.4990/2.5000	0.0005/0.0022	0.0936	2.6870/2.6880	0.8690
2		MB-3495P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
3		MB-3214P(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
4		MB-3213P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
		MB-3494P		2.4988/2.4998	0.0018/0.0030	0.0935	2.6870/2.6880	0.8690
For Years: 1992 - 1996								
Camshaft Bearing Set 1-4	B-1	SH-1448S	STD	1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.6250
2-3		SH-1448						
		SH-1361						
For Years: 1990 - 1995								
Balance Shaft Bearing Set Rear		SH-1798S	STD	1.4986/1.5000	0.0011/0.0047	0.1882	1.8735/1.8745	0.8350
For Years: 1992 - 1996								
NOTE: Except Engines With Roller Bearings, Except Engines With Roller Bearings								
Piston Pin Bushing	C-1	223-3647	STD			0.1100	0.9770	0.8420
For Years: 1992 - 1995								
NOTE: OE Replacement, Requires Light Reaming								
86	3.8L 3800 CC 231 CID OHV 12V V6 GMC L36; Buick VIN Code: 'K' (1995-2005)			3.800"/96.5mm x 3.400"/86.4mm				86
Connecting Rod Bearing Pair (6)	AL-5	CB-1443A	STD,10,20,30	2.2487/2.2499	0.0010/0.0026	0.0619	2.3738/2.3745	0.7210
Connecting Rod Bearing Pair (6)	AL-5	CB-1806A-10	20,30	2.2487/2.2499	0.0010/0.0035	0.0629	2.3758/2.3765	0.7210
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
86 (cont.)	3.8L 3800 CC 231 CID OHV 12V V6 GMC L36; Buick VIN Code: 'K' (1995-2005)			3.800"/96.5mm x 3.400"/86.4mm				86 (cont.)
Connecting Rod Bearing Set	AL-5	CB-1443A(6)	STD,10,20,30	2.2487/2.2499	0.0010/0.0026	0.0619	2.3738/2.3745	0.7210
Connecting Rod Bearing Set	AL-5	CB-1806A-10(6)	20,30	2.2487/2.2499	0.0010/0.0035	0.0629	2.3758/2.3765	0.7210
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set 1	AL-5	MS-2022A	STD,10,20,30	2.4990/2.5000	0.0005/0.0022	0.0936	2.6870/2.6880	0.8690
2		MB-3495A		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
3		MB-3214A(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
4		MB-3213A		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
Main Bearing Set 1	AL-5	MS-2022A	STD,10,20,30	2.4990/2.5000	0.0005/0.0022	0.0936	2.6870/2.6880	0.8690
2		MB-3495A		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
3		MB-3214A(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
4		MB-3213P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
Main Bearing Set 1	TM-77	MS-2022P	STD,10	2.4990/2.5000	0.0005/0.0022	0.0936	2.6870/2.6880	0.8690
2		MB-3495P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
3		MB-3214P(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
4		MB-3213P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
Main Bearing Set 1	TM-77	MS-2022P	STD,10	2.4990/2.5000	0.0005/0.0022	0.0936	2.6870/2.6880	0.8690
2		MB-3495P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
3		MB-3214P(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
4		MB-3213P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
Main Bearing Set 1	TM-77	MS-2022P	STD,10	2.4990/2.5000	0.0005/0.0022	0.0936	2.6870/2.6880	0.8690
2		MB-3495P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
3		MB-3214P(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
4		MB-3213P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
Main Bearing Set 1	TM-77	MS-2022P	STD,10	2.4990/2.5000	0.0005/0.0022	0.0936	2.6870/2.6880	0.8690
2		MB-3495P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
3		MB-3214P(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
4		MB-3213P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
Camshaft Bearing Set 1-4	B-1	SH-1448S	STD					
2-3		SH-1448						
		SH-1361		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.6250
For Year: 1995								
Camshaft Bearing Set 1-4	B-1	SH-1812S	STD					
2-3		SH-1812		1.8448/1.8462	0.0005/0.0055	0.0741	1.9955/1.9975	0.7450
		SH-1813		1.8448/1.8462	0.0011/0.0057	0.0641	1.9755/1.9775	0.6300
Balance Shaft Bearing Set Rear		SH-1798S	STD					
		SH-1798		1.4986/1.5000	0.0011/0.0047	0.1882	1.8735/1.8745	0.8350
NOTE: Except Engines With Roller Bearings, Except Engines With Roller Bearings								
Piston Pin Bushing (6)	C-1	223-3647	STD			0.1100	0.9770	0.8420
NOTE: OE Replacement, Requires Light Reaming								
87	3.8L 3800 CC 231 CID OHV 12V V6 GMC L67; Buick VIN Code: '1' (1991-2005)			3.800"/96.5mm x 3.400"/86.4mm				87
Connecting Rod Bearing Pair (6)	AL-5	CB-1443A	STD,10,20,30	2.2487/2.2499	0.0010/0.0026	0.0619	2.3738/2.3745	0.7210
Connecting Rod Bearing Pair (6)	AL-5	CB-1806A-10	20,30	2.2487/2.2499	0.0010/0.0035	0.0629	2.3758/2.3765	0.7210
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1443A(6)	STD,10,20,30	2.2487/2.2499	0.0010/0.0026	0.0619	2.3738/2.3745	0.7210
Connecting Rod Bearing Set	AL-5	CB-1806A-10(6)	20,30	2.2487/2.2499	0.0010/0.0035	0.0629	2.3758/2.3765	0.7210
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
87 (cont.)	3.8L 3800 CC 231 CID OHV 12V V6 GMC L67; Buick VIN Code: '1' (1991-2005)			3.800"/96.5mm x 3.400"/86.4mm				87 (cont.)
Main Bearing Set	TM-77	MS-1822P	STD,10					
1-3		MB-3213P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
2		MB-3214P(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
4		MB-3215P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
For Years: 1991 - 1993								
NOTE: Engines With 1/2in Main Bearing Bolts								
Main Bearing Set	AL-5	MS-2022A	STD,10,20,30					
1		MB-3495A		2.4990/2.5000	0.0005/0.0022	0.0936	2.6870/2.6880	0.8690
2		MB-3214A(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
3		MB-3213A		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
4		MB-3494A		2.4988/2.4998	0.0018/0.0030	0.0935	2.6870/2.6880	0.8690
For Years: 1995 - 2005								
Main Bearing Set	TM-77	MS-2022P	STD,10					
1		MB-3495P		2.4990/2.5000	0.0005/0.0022	0.0936	2.6870/2.6880	0.8690
2		MB-3214P(F)		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	1.0580
3		MB-3213P		2.4988/2.4998	0.0005/0.0032	0.0936	2.6870/2.6880	0.8690
4		MB-3494P		2.4988/2.4998	0.0018/0.0030	0.0935	2.6870/2.6880	0.8690
For Years: 1995 - 2005								
Camshaft Bearing Set	B-1	SH-1448S	STD					
1-4		SH-1448						
2-3		SH-1361		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.6250
For Years: 1991 - 1995								
Camshaft Bearing Set	B-1	SH-1812S	STD					
1-4		SH-1812		1.8448/1.8462	0.0005/0.0055	0.0741	1.9955/1.9975	0.7450
2-3		SH-1813		1.8448/1.8462	0.0011/0.0057	0.0641	1.9755/1.9775	0.6300
For Years: 1995 - 2005								
Balance Shaft Bearing Set		SH-1798S	STD					
Rear		SH-1798		1.4986/1.5000	0.0011/0.0047	0.1882	1.8735/1.8745	0.8350
For Years: 1995 - 2005								
NOTE: Except Engines With Roller Bearings, Except Engines With Roller Bearings								
Piston Pin Bushing (6)	C-1	223-3646	STD			3.2004	1.0090	21.5900
For Years: 1995 - 2003								
NOTE: OE Replacement, Requires Light Reaming								
88 (cont.)	3.8L 3852 CC 235 CID OHV 12V L6 GMC (1953-1955)			3.560"/90.5mm x 3.940"/100.0mm				88
	4.3L 4278 CC 261 CID OHV 12V L6 GMC (1955-1962)			3.750"/95.3mm x 3.940"/100.0mm				
Connecting Rod Bearing Pair (6)	TM-77	CB-416P	STD,10,20,30,40	2.3110/2.3120	0.0005/0.0030	0.0621	2.4367/2.4372	1.0330
89 (cont.)	3.8L 3852 CC 235 CID OHV 12V L6 GMC (1953-1963)			3.560"/90.5mm x 3.940"/100.0mm				89
Connecting Rod Bearing Pair (6)	TM-77	CB-416P	STD,10,20,30,40	2.3110/2.3120	0.0005/0.0030	0.0621	2.4367/2.4372	1.0330



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
89 (cont.)	3.8L 3852 CC 235 CID OHV 12V L6 GMC (1953-1963)			3.560"/90.5mm x 3.940"/100.0mm				89 (cont.)
Camshaft Bearing Set	TM-77	SH-383S	STD					
1		SH-263		2.1537/2.1547	0.0005/0.0050	0.0645	2.2840/2.2860	1.1300
2		SH-264		2.0912/2.0922	0.0005/0.0050	0.0645	2.2215/2.2235	0.9500
3		SH-265		2.0287/2.0297	0.0005/0.0050	0.0645	2.1590/2.1610	0.9500
4		SH-383		1.9662/1.9672	0.0010/0.0050	0.0644	2.0970/2.0980	0.9470
For Years: 1954 - 1962								
NOTE: With 2.154in Diameter Number 1 Camshaft Journal, Large Journal								
90	4.1L 250 CID OHV 12V L6 GMC; Chevrolet			3.680"/93.5mm x 3.910"/99.3mm				90
	VIN Code: 'D' (1975-1984)							
	4.1L 250 CID OHV 12V L6 GMC			3.680"/93.5mm x 3.910"/99.3mm				
	VIN Code: 'Q' (1975)							
	4.1L 4097 CC 250 CID OHV 12V L6 GMC			3.880"/98.4mm x 3.530"/89.7mm				
	VIN Codes: 'D' (1972-1974), 'Q' (1973-1974)							
	4.1L 4098 CC 250 CID OHV 12V L6 GMC; Chevrolet			3.880"/98.4mm x 3.530"/89.7mm				
	VIN Codes: 'D' (1972-1974), 'Q' (1973-1974)							
Connecting Rod Bearing Pair (6)	AL-5	CB-745A	STD,10,20,30	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Pair (6)	AL-5	CB-1853A-10	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (6)	TM-77	CB-745P	STD,1,2,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-745A(6)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1853A-10(6)	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-745P(6)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Main Bearing Set	AL-5	MS-617A	STD,10,20,30					
1-2-3-4-5-6		MB-3135A		2.2983/2.2993	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
7		MB-2588A(F)		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090
Main Bearing Set	TM-77	MS-617P	STD,10,20,30,40					
1-2-3-4-5-6		MB-3135P		2.2980/2.2990	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
7		MB-2588P(F)		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090
Camshaft Bearing Set	B-1	SH-718S	STD					
1-2-3-4		SH-400		1.8680/1.8690	0.0010/0.0050	0.0647	1.9990/2.0010	0.8700



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
91	4.1L 4097 CC 250 CID OHV 12V L6 GMC CG, FT, FV, LA, LE, MA, ME, PS, RF, SA, SB, VB, VE, VF VIN Codes: 'C' (1971-1972), 'L' (1971-1972), 'N' (1970-1971), 'P' (1968-1969), 'S' (1970-1971)			3.880"/98.4mm x 3.530"/89.7mm				91
	4.1L 4097 CC 250 CID SOHC 12V L6 GMC XF, ZC, ZD, ZE, ZF, ZH, ZK, ZL, ZN, ZO (1968-1969)			3.880"/98.4mm x 3.530"/89.7mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-745A	STD,10,20,30	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Pair (6)	TM-77	CB-745P	STD,1,2,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-745A(6)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	TM-77	CB-745P(6)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Main Bearing Set 1-2-3-4-5-6	AL-5	MS-617A	STD,10,20,30	2.2983/2.2993	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
7		MB-3135A MB-2588A(F)		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090
Main Bearing Set 1-2-3-4-5-6	TM-77	MS-617P	STD,10,20,30,40	2.2980/2.2990	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
7		MB-3135P MB-2588P(F)		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090
92	4.1L 4098 CC 250 CID SOHC 12V L6 GMC; Pontiac (1968-1969)			3.880"/98.4mm x 3.530"/89.7mm				92
Connecting Rod Bearing Pair (6)	AL-5	CB-745A	STD,10,20,30	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Pair (6)	AL-5	CB-1853A-10	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (6)	TM-77	CB-745P	STD,1,2,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-745A(6)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1853A-10(6)	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-745P(6)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Main Bearing Set 1-2-3-4-5-6	TM-77	MS-617P	STD,10,20,30,40	2.2980/2.2990	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
7		MB-3135P MB-2588P(F)		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090
Main Bearing Set		MS-617A-10	20,30					
93	4.1L 4098 CC 250 CID OHV 12V L6 GMC; Chevrolet (1965-1971)			3.880"/98.4mm x 3.530"/89.7mm				93
	4.1L 4097 CC 250 CID OHV 12V L6 GMC (1966-1971)			3.880"/98.4mm x 3.530"/89.7mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-745A	STD,10,20,30	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Pair (6)	AL-5	CB-1853A-10	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				6 CYL (cont.)					
93 (cont.)	4.1L 4098 CC 250 CID OHV 12V L6 GMC; Chevrolet (1965-1971)			3.880"/98.4mm x 3.530"/89.7mm					93 (cont.)
	4.1L 4097 CC 250 CID OHV 12V L6 GMC (1966-1971)			3.880"/98.4mm x 3.530"/89.7mm					
Connecting Rod Bearing Pair (6)	TM-77	CB-745P	STD,1,2,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420	
Connecting Rod Bearing Set	AL-5	CB-745A(6)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420	
Connecting Rod Bearing Set	AL-5	CB-1853A-10(6)	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	TM-77	CB-745P(6)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420	
Main Bearing Set 1-2-3-4-5-6	AL-5	MS-617A	STD,10,20,30	2.2983/2.2993	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070	
7		MB-3135A		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090	
Main Bearing Set 1-2-3-4-5-6	TM-77	MS-617P	STD,10,20,30,40	2.2980/2.2990	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070	
7		MB-3135P		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090	
Camshaft Bearing Set 1-4	B-1	SH-399S	STD	1.8682/1.8692	0.0005/0.0050	0.0697	2.0090/2.0110	0.8700	
2-3		SH-399		1.8680/1.8690	0.0010/0.0050	0.0647	1.9990/2.0010	0.8700	
For Years: 1966 - 1970									
Camshaft Bearing Set 1-2-3-4	B-1	SH-718S	STD	1.8680/1.8690	0.0010/0.0050	0.0647	1.9990/2.0010	0.8700	
For Year: 1971									
94	4.1L 252 CID OHV 12V V6 GMC; Buick VIN Code: '4' (1980-1984)			3.970"/100.7mm x 3.400"/86.4mm					94
Connecting Rod Bearing Pair (6)	AL-5	CB-1228A	STD,10,20,30,40	2.2487/2.2495	0.0005/0.0030	0.0619	2.3738/2.3745	0.6590	
Connecting Rod Bearing Pair (6)	TM-77	CB-1228P	STD,10,20,30,40	2.2495	0.0030	0.0619	2.3745	0.6590	
Connecting Rod Bearing Set	AL-5	CB-1228A(6)	STD,10,20,30,40	2.2487/2.2495	0.0005/0.0030	0.0619	2.3738/2.3745	0.6590	
Connecting Rod Bearing Set	TM-77	CB-1228P(6)	STD,10,20,30,40	2.2487/2.2495	0.0005/0.0030	0.0619	2.3738/2.3745	0.6590	
Main Bearing Set 1-2-3-4-5-6	AL-5	MS-617A	STD,10,20,30	2.2983/2.2993	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070	
7		MB-3135A		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090	
For Years: 1980 - 1982									
Main Bearing Set 1-2-3-4-5-6	TM-77	MS-617P	STD,10,20,30,40	2.2980/2.2990	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070	
7		MB-3135P		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090	
For Years: 1980 - 1982									
Main Bearing Set 1-3	TM-77	MS-960P	STD,10,20	2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690	
2		MB-2433P		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	1.0580	
4		MB-2434P(F)		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690	
		MB-2491P							



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
94 (cont.)	4.1L 252 CID OHV 12V V6 GMC; Buick VIN Code: '4' (1980-1984)			3.970"/100.7mm x 3.400"/86.4mm				94 (cont.)
Camshaft Bearing Set	B-1	SH-1385S	STD					
1		SH-1360		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.7550
2-3-4		SH-1361		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.6250
95	4.2L 256 CID DOHC 24V L6 GMC; Vortec VIN Code: 'S' (2002-2003)			3.660"/93.0mm x 4.000"/102.0mm				95
Connecting Rod Bearing Pair (8)	AL-5	CB-1882A	STD,10,20,30	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
NOTE: with Oil Hole in Bearing								
Connecting Rod Bearing Pair (6)	AL-5	CB-1883A-10	20,30	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140
NOTE: with Oil Hole in Bearing, Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1882A(6)	STD,10,20,30	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
NOTE: with Oil Hole in Bearing								
Connecting Rod Bearing Set	AL-5	CB-1883A-10(6)	20,30	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140
NOTE: with Oil Hole in Bearing, Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set		MS-2224A	STD,10,20,30					
Piston Pin Bushing (6)	C-1	223-3664	STD	0.9054/0.9055		0.0540	1.0133/1.0148	0.9350
For Years: 2002 - 2005								
NOTE: OE Replacement								
96	4.3L 4294 CC OHV 12V V6 GMC; Vortec VIN Code: 'X' (2005)			4.000"/101.6mm x 3.480"/88.4mm				96
Main Bearing Set	AL-5	MS-1454A	STD,10,20,30,40					
1-2-3		MB-2508A		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
4		MB-2509A(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
Main Bearing Set	TM-77	MS-1454P	STD,1,10,20,30,40					
1-2-3		MB-2508P		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
4		MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
97	4.3L 262 CID OHV 12V V6 GMC; Vortec VIN Code: 'X' (2007-2012)			4.000"/101.6mm x 3.480"/88.4mm				97
Connecting Rod Bearing Pair (6)	AL-5	CB-1358A	STD,10,20,30,40	2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530
Connecting Rod Bearing Pair (6)	AL-5	CB-1794A	STD,10,20,30	2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (6)	TM-77	CB-1358P-1		2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530
Connecting Rod Bearing Pair (6)	TM-77	CB-1794P-40		2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1358A(6)	STD,10,20,30,40	2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
97 (cont.)	4.3L 262 CID OHV 12V V6 GMC; Vortec VIN Code: 'X' (2007-2012)			4.000"/101.6mm x 3.480"/88.4mm				97 (cont.)
Connecting Rod Bearing Set	AL-5	CB-1794A(6)	STD,10,20,30,P40	2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-1454A	STD,10,20,30,40					
1-2-3		MB-2508A		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
4		MB-2509A(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
Main Bearing Set	TM-77	MS-1454P	STD,1,10,20,30,40					
1-2-3		MB-2508P		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
4		MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
Camshaft Bearing Set	B-1	SH-1350S	STD					
1		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
2-4		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
3		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
NOTE: Except Engines Stamped With Identification Number Located On Front Of Block Starting With "T"								
Balance Shaft Bearing Set (4)		SH-1798S	STD					
Rear		SH-1798		1.4986/1.5000	0.0011/0.0047	0.1882	1.8735/1.8745	0.8350
For Years: 2007 - 2010								
NOTE: Except Engines With Roller Bearings								
98	4.3L 262 CID OHV 12V V6 GMC VIN Code: 'Z' (1991-1993)			4.000"/101.6mm x 3.480"/88.4mm				98
Connecting Rod Bearing Pair (6)	AL-5	CB-1358A	STD,10,20,30,40	2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530
Connecting Rod Bearing Pair (6)	AL-5	CB-1794A	STD,10,20,30	2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (6)	TM-77	CB-1358P-1		2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530
Connecting Rod Bearing Pair (6)	TM-77	CB-1794P-40		2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1358A(6)	STD,10,20,30,40	2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530
Connecting Rod Bearing Set	AL-5	CB-1794A(6)	STD,10,20,30,P40	2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-1454A	STD,10,20,30,40					
1-2-3		MB-2508A		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
4		MB-2509A(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
Main Bearing Set	TM-77	MS-1454P	STD,1,10,20,30,40					
1-2-3		MB-2508P		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
4		MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
99	4.3L 262 CID OHV 12V V6 GMC; Chevrolet VIN Code: 'Z' (1985-1996)			4.000"/101.6mm x 3.480"/88.4mm				99
	4.3L 262 CID OHV 12V V6 GMC; Vortec VIN Codes: 'W' (1992-1998), 'X' (1996-1999, 2002-2007)			4.000"/101.6mm x 3.480"/88.4mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-1358A	STD,10,20,30,40	2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530
Connecting Rod Bearing Pair (6)	AL-5	CB-1794A	STD,10,20,30	2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (6)	TM-77	CB-1358P-1		2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530
Connecting Rod Bearing Pair (6)	TM-77	CB-1794P-40		2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1358A(6)	STD,10,20,30,40	2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530
Connecting Rod Bearing Set	AL-5	CB-1794A(6)	STD,10,20,30,P40	2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set 1-2-3	AL-5	MS-1454A	STD,10,20,30,40	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
4		MB-2508A		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
		MB-2509A(F)						
Main Bearing Set 1-2-3	TM-77	MS-1454P	STD,1,10,20,30,40	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
4		MB-2508P		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
		MB-2509P(F)						
Main Bearing Set 1-2-3	TM-77	MS-2215P-10	20	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
4		MB-2508P		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7280
		MB-3119P(F)						
For Years: 1985 - 2005								
NOTE: Contains .010in Oversized Length Flanged Bearing								
Camshaft Bearing Set 1	B-1	SH-1350S	STD					
		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
2-4		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
3		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
NOTE: 1990-2010, For Year(s);, Except Engines Stamped With Identification Number Located On Front Of Block Starting With "T"								
Camshaft Bearing Set 1-4	B-1	SH-1351S	STD					
		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
2		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
3		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
For Years: 1992 - 2006								
NOTE: 1992-2006, For Year(s);, Engines Stamped With Identification Number Located On Front Of Block Starting With "T"								



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				6 CYL (cont.)					
99 (cont.)	4.3L 262 CID OHV 12V V6 GMC; Chevrolet VIN Code: 'Z' (1985-1996)			4.000"/101.6mm x 3.480"/88.4mm					99 (cont.)
	4.3L 262 CID OHV 12V V6 GMC; Vortec VIN Codes: 'W' (1992-1998), 'X' (1996-1999, 2002-2007)			4.000"/101.6mm x 3.480"/88.4mm					
Balance Shaft Bearing Set		SH-1798S	STD						
Rear		SH-1798		1.4986/1.5000	0.0011/0.0047	0.1882	1.8735/1.8745	0.8350	
For Years: 1992 - 2008 NOTE: Except Engines With Roller Bearings, For Year(s);, 1992-2010, Except Engines With Roller Bearings									
100	4.3L 262 CID OHV 12V V6 GMC; Chevrolet VIN Codes: 'B' (1990-1991), 'N' (1985-1986)			4.000"/101.6mm x 3.480"/88.4mm					100
Connecting Rod Bearing Pair (6)	AL-5	CB-1358A	STD,10,20,30,40	2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530	
Connecting Rod Bearing Pair (6)	AL-5	CB-1794A	STD,10,20,30	2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Pair (6)	TM-77	CB-1358P-1		2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530	
Connecting Rod Bearing Pair (6)	TM-77	CB-1794P-40		2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-1358A(6)	STD,10,20,30,40	2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530	
Connecting Rod Bearing Set	AL-5	CB-1794A(6)	STD,10,20,30,P40	2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set	AL-5	MS-1454A	STD,10,20,30,40						
1-2-3		MB-2508A		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070	
4		MB-2509A(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180	
Main Bearing Set	TM-77	MS-1454P	STD,1,10,20,30,40						
1-2-3		MB-2508P		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070	
4		MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180	
Main Bearing Set	TM-77	MS-2215P-10	20						
1-2-3		MB-2508P		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070	
4		MB-3119P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7280	
NOTE: Contains .010in Oversized Length Flanged Bearing									
Camshaft Bearing Set	B-1	SH-1350S	STD						
1		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500	
2-4		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500	
3		SH-287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500	
101	4.3L 4293 CC 262 CID OHV 12V V6 GMC LU3; Vortec VIN Code: 'X' (2013-2014)			4.000"/101.6mm x 3.480"/88.4mm					101
Connecting Rod Bearing Pair (6)	AL-5	CB-1358A	STD,10,20,30,40	2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530	
For Year: 2013									



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
101 (cont.)	4.3L 4293 CC 262 CID OHV 12V V6 GMC LU3; Vortec VIN Code: 'X' (2013-2014)			4.000"/101.6mm x 3.480"/88.4mm			101 (cont.)	
Connecting Rod Bearing Pair (6) For Year: 2013 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1794A	STD,10,20,30	2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530
Connecting Rod Bearing Pair (6) For Year: 2013	TM-77	CB-1358P-1		2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530
Connecting Rod Bearing Pair (6) For Year: 2013 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	TM-77	CB-1794P-40		2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530
Connecting Rod Bearing Set For Year: 2013	AL-5	CB-1358A(6)	STD,10,20,30,40	2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530
Connecting Rod Bearing Set For Year: 2013 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1794A(6)	STD,10,20,30,P40	2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530
Main Bearing Set 1-2-3 4 For Year: 2013	AL-5	MS-1454A MB-2508A MB-2509A(F)	STD,10,20,30,40	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955	2.6406/2.6416	0.8070 1.7180
Main Bearing Set 1-2-3 4 For Year: 2013	TM-77	MS-1454P MB-2508P MB-2509P(F)	STD,1,10,20,30,40	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955	2.6406/2.6416	0.8070 1.7180
Camshaft Bearing Set 1 2-4 3	B-1	SH-1350S SH-290 SH-288 SH287	STD	1.8682/1.8692 1.8682/1.8692 1.8682/1.8692	0.0010/0.0050 0.0010/0.0050 0.0010/0.0050	0.0744 0.0694	2.0190/2.0210 2.0090/2.0110	0.7500 0.7500 0.7500
102	4.3L 4300 CC 262 CID SOHC 12V V6 GMC LU3 (2011-2012)			4.000"/101.6mm x 3.480"/88.4mm			102	
Connecting Rod Bearing Pair (6)	AL-5	CB-1358A	STD,10,20,30,40	2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530
Connecting Rod Bearing Pair (6) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1794A	STD,10,20,30	2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530
Connecting Rod Bearing Pair (6)	TM-77	CB-1358P-1		2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530
Connecting Rod Bearing Pair (6) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	TM-77	CB-1794P-40		2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530
Connecting Rod Bearing Set	AL-5	CB-1358A(6)	STD,10,20,30,40	2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
102 (cont.)	4.3L 4300 CC 262 CID SOHC 12V V6 GMC LU3 (2011-2012)			4.000"/101.6mm x 3.480"/88.4mm				102 (cont.)
Connecting Rod Bearing Set	AL-5	CB-1794A(6)	STD,10,20,30,P40	2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
103	4.8L 4801 CC 292 CID OHV 12V L6 GMC (VIN Code: 'S' (1968-1972))			3.880"/98.4mm x 4.130"/104.8mm				103
Connecting Rod Bearing Pair (6)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (6)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (6)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (6)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(6)	STD,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(6)	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(6)	STD,10,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set 1-2-3-4-5-6	AL-5	MS-617A	STD,10,20,30	2.2983/2.2993	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
7		MB-3135A		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090
		MB-2588A(F)						
Main Bearing Set 1-2-3-4-5-6	TM-77	MS-617P	STD,10,20,30,40	2.2980/2.2990	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
7		MB-3135P		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090
		MB-2588P(F)						
Camshaft Bearing Set 1-4	B-1	SH-399S	STD					
		SH-399		1.8682/1.8692	0.0005/0.0050	0.0697	2.0090/2.0110	0.8700
2-3		SH-400		1.8680/1.8690	0.0010/0.0050	0.0647	1.9990/2.0010	0.8700
For Years: 1963 - 1970								
Camshaft Bearing Set 1-2-3-4	B-1	SH-718S	STD					
		SH-400		1.8680/1.8690	0.0010/0.0050	0.0647	1.9990/2.0010	0.8700
For Years: 1971 - 1972								
104	4.8L 4786 CC 292 CID OHV 12V L6 GMC; Chevrolet (VIN Code: 'T' (1972-1974))			3.880"/98.4mm x 4.130"/104.8mm				104
	4.8L 4801 CC 292 CID OHV 12V L6 GMC (VIN Codes: 'S' (1974), 'T' (1972-1974))			3.880"/98.4mm x 4.130"/104.8mm				
	4.8L 292 CID OHV 12V L6 GMC; Chevrolet (VIN Code: 'T' (1975-1989))			3.880"/98.4mm x 4.130"/104.8mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
104 (cont.)	4.8L 4786 CC 292 CID OHV 12V L6 GMC; Chevrolet VIN Code: 'T' (1972-1974)						3.880"/98.4mm x 4.130"/104.8mm	104 (cont.)
	4.8L 4801 CC 292 CID OHV 12V L6 GMC VIN Codes: 'S' (1974), 'T' (1972-1974)						3.880"/98.4mm x 4.130"/104.8mm	
	4.8L 292 CID OHV 12V L6 GMC; Chevrolet VIN Code: 'T' (1975-1989)						3.880"/98.4mm x 4.130"/104.8mm	
Connecting Rod Bearing Pair (6)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (6)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (6)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(6)	STD,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(6)	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(6)	STD,10,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set 1-2-3-4-5-6	AL-5	MS-617A	STD,10,20,30	2.2983/2.2993	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
7		MB-3135A		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090
Main Bearing Set 1-2-3-4-5-6	TM-77	MS-617P	STD,10,20,30,40	2.2980/2.2990	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
7		MB-3135P		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090
Main Bearing Set 1-2-3-4	B-1	SH-718S	STD	1.8680/1.8690	0.0010/0.0050	0.0647	1.9990/2.0010	0.8700
		SH-400						
105	4.8L 4801 CC 292 CID OHV 12V L6 GMC (1963)						3.880"/98.4mm x 4.130"/104.8mm	105
Connecting Rod Bearing Pair (6)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (6)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (6)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (6)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(6)	STD,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(6)	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
105 (cont.)	4.8L 4801 CC 292 CID OHV 12V L6 GMC (1963)			3.880"/98.4mm x 4.130"/104.8mm				105 (cont.)
Connecting Rod Bearing Set	TM-77	CB-663P(6)	STD,10,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set 1-2-3-4-5-6	AL-5	MS-617A MB-3135A	STD,10,20,30	2.2983/2.2993	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
7		MB-2588A(F)		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090
Main Bearing Set 1-2-3-4-5-6	TM-77	MS-617P MB-3135P	STD,10,20,30,40	2.2980/2.2990	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
7		MB-2588P(F)		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090
Camshaft Bearing Set 1-4	B-1	SH-399S SH-399	STD	1.8682/1.8692	0.0005/0.0050	0.0697	2.0090/2.0110	0.8700
2-3		SH-400		1.8680/1.8690	0.0010/0.0050	0.0647	1.9990/2.0010	0.8700
106	4.8L 4801 CC 292 CID OHV 12V L6 GMC VIN Code: 'T' (1974)			3.880"/98.4mm x 4.130"/104.8mm				106
Connecting Rod Bearing Pair (6)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (6)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (6)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (6)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(6)	STD,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(6)	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(6)	STD,10,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set 1-2-3-4-5-6	AL-5	MS-617A MB-3135A	STD,10,20,30	2.2983/2.2993	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
7		MB-2588A(F)		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090
Main Bearing Set 1-2-3-4-5-6	TM-77	MS-617P MB-3135P	STD,10,20,30,40	2.2980/2.2990	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
7		MB-2588P(F)		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090
107	5.0L 5012 CC 305 CID OHV 12V V6 GMC 305, 305C, 305E (1960-1969)			4.250"/107.9mm x 3.580"/90.9mm				107
	5.7L 5753 CC 351 CID OHV 12V V6 GMC 351, 351C, 351E, 351M (1965-1968)			4.560"/115.9mm x 3.580"/90.9mm				
Piston Pin Bushing	C-1	223-3512	STD			0.0460	1.3125/1.3135	1.2920
NOTE: OE Replacement								



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL								
108	3.5L 3528 CC 215 CID OHV 16V V8 GMC 91Z, 96Y, 97Y, AYA, AYS, S, SG, SH, ST, YA, YS (1961-1963)			3.500"/89.0mm x 2.800"/71.0mm			108	
	3.5L 3528 CC 215 CID OHV 16V V8 GMC H, HI, I, JN, JP, LH, LI; Buick			3.500"/89.0mm x 2.800"/71.0mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-610A	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Pair (8)	AL-5	CB-1878A-10	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-610P-1		1.9995/2.0050	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-610A(8)	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-1878A-10(8)	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set 1-2-4-5	TM-77	MS-558P	STD,10	2.2980/2.2990	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
		MB-3135P		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0580
3		MB-2075P(F)						
109	4.0L 244 CID DOHC 32V V8 GMC; Oldsmobile VIN Code: 'C' (1995-1999, 2001-2003)			3.430"/87.0mm x 3.310"/84.0mm			109	
	4.6L 281 CID DOHC 32V V8 GMC; Northstar VIN Codes: '9' (1993-2010), 'Y' (1993-2010)			3.660"/93.0mm x 3.310"/84.0mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-1648P	STD,.25mm,.50mm	2.1235/2.1245	0.0002/0.0027	0.0624	2.2494/2.2505	0.7600
Main Bearing Set 1-2-4-5	TM-77	MS-2206P	STD,.25mm,.50mm	2.5335/2.5340	0.0011/0.0024	0.1591	2.8516/2.8521	0.8140
3		MB-3758P		2.5330/2.5338	0.0011/0.0024	0.1591	2.8516/2.8521	0.9250
		MB-3759P(F)						
Piston Pin Bushing (8)	C-1	223-3648	STD			0.1008		0.8563
For Years: 1993 - 1999 NOTE: OE Replacement								
110	4.1L 250 CID OHV 16V V8 GMC; Cadillac VIN Codes: '7' (1987-1988), '8' (1982-1987)			3.460"/88.0mm x 3.310"/84.0mm			110	
	4.5L 273 CID OHV 16V V8 GMC; Cadillac VIN Codes: '3' (1990), '5' (1988-1989), '8' (1989-1992)			3.620"/92.0mm x 3.310"/84.1mm				
	4.9L 300 CID OHV 16V V8 GMC; Cadillac VIN Code: 'B' (1991-1995)			3.620"/92.0mm x 3.620"/92.0mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-1351P	STD,.25mm	1.9279	0.0034	0.0620	2.0530	0.6640
Camshaft Bearing Set	B-1	SH-1371S	STD					
1		SH-1371		2.0358/2.0366	0.0010/0.0045	0.0652	2.1680/2.1695	0.5960
2		SH-1372		2.0157/2.0165	0.0011/0.0046	0.0652	2.1480/2.1495	0.5960
3		SH-1373		1.9957/1.9965	0.0011/0.0046	0.0652	2.1280/2.1295	0.5960
4		SH-1374		1.9756/1.9764	0.0012/0.0047	0.0652	2.1080/2.1095	0.5960
5		SH-1375		1.9559/1.9567	0.0009/0.0044	0.0652	2.0880/2.0895	0.5960



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
111	4.3L 260 CID OHV 16V V8 GMC; Oldsmobile VIN Codes: '8' (1982), 'P' (1979)			3.500"/88.9mm x 3.390"/86.1mm				111
	5.0L 307 CID OHV 16V V8 GMC; Oldsmobile VIN Code: '9' (1983-1987, 1989-1990)			3.800"/96.5mm x 3.390"/86.1mm				
	5.7L 350 CID OHV 16V V8 GMC; Oldsmobile VIN Code: 'B' (1978-1979)			4.060"/103.0mm x 3.390"/86.0mm				
	6.6L 403 CID OHV 16V V8 GMC; Oldsmobile VIN Code: 'K' (1977-1979)			4.350"/110.5mm x 3.390"/86.0mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-684P	STD,10,20,30	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
Connecting Rod Bearing Set	TM-77	CB-684P(8)	STD,10,20	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
Main Bearing Set	TM-77	MS-805P	STD,10,20					
1		MB-2365P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
2-4		MB-2251P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
3		MB-2252P(F)		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	1.1950
5		MB-2253P		2.4985/2.4995	0.0014/0.0044	0.0932	2.6870/2.6880	1.6290
Camshaft Bearing Set	B-1	SH-1355S	STD					
1		SH-1359		2.0365/2.0373	0.0015/0.0050	0.0646	2.1680/2.1695	0.6930
2		SH-1355		2.0165/2.0173	0.0015/0.0050	0.0646	2.1480/2.1495	0.6930
3		SH1356		1.9965/1.9973	0.0015/0.0050	0.0646	2.1280/2.1295	0.6930
4		SH-1357		1.9765/1.9773	0.0015/0.0050	0.0646	2.1080/2.1095	0.6930
5		SH-1358		1.9565/1.9573	0.0015/0.0050	0.0646	2.0880/2.0895	0.6930
112	4.3L 260 CID OHV 16V V8 GMC; Oldsmobile VIN Code: 'F' (1975-1981)			3.500"/88.9mm x 3.390"/86.1mm				112
Connecting Rod Bearing Pair (8)	TM-77	CB-684P	STD,10,20,30	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
Connecting Rod Bearing Set	TM-77	CB-684P(8)	STD,10,20	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
Main Bearing Set	TM-77	MS-805P	STD,10,20					
1		MB-2365P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
2-4		MB-2251P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
3		MB-2252P(F)		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	1.1950
5		MB-2253P		2.4985/2.4995	0.0014/0.0044	0.0932	2.6870/2.6880	1.6290
Camshaft Bearing Set	B-1	SH-1355S	STD					
1		SH-1359		2.0365/2.0373	0.0015/0.0050	0.0646	2.1680/2.1695	0.6930
2		SH-1355		2.0165/2.0173	0.0015/0.0050	0.0646	2.1480/2.1495	0.6930
3		SH1356		1.9965/1.9973	0.0015/0.0050	0.0646	2.1280/2.1295	0.6930
4		SH-1357		1.9765/1.9773	0.0015/0.0050	0.0646	2.1080/2.1095	0.6930
5		SH-1358		1.9565/1.9573	0.0015/0.0050	0.0646	2.0880/2.0895	0.6930
For Years: 1977 - 1981								
Camshaft Bearing Set	B-1	SH-1354S	STD					
1		SH-1354		2.0365/2.0373	0.0015/0.0050	0.0646	2.1680/2.1695	0.6930
2		SH-1355		2.0165/2.0173	0.0015/0.0050	0.0646	2.1480/2.1495	0.6930
3		SH1356		1.9965/1.9973	0.0015/0.0050	0.0646	2.1280/2.1295	0.6930
4		SH-1357		1.9765/1.9773	0.0015/0.0050	0.0646	2.1080/2.1095	0.6930
5		SH-1358		1.9565/1.9573	0.0015/0.0050	0.0646	2.0880/2.0895	0.6930
For Years: 1975 - 1976								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
113	4.3L 262 CID OHV 16V V8 GMC; Chevrolet VIN Code: 'G' (1975-1976)			3.670"/93.2mm x 3.100"/78.7mm			113	
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set 1-2-3-4	AL-5	MS-909A	STD,1,10,20,30,40	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2508A MB-2509A(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
Main Bearing Set 1-2-3-4	TM-77	MS-909P	STD,1,2,10,20,30,40,C60	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2508P MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
Camshaft Bearing Set 1	B-1	SH-290S	STD,10					
2-5		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
3-4		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
Camshaft Bearing Set 1	B-2	SH-1349S	STD					
2-5		SH-1349		1.8682/1.8692	0.0010/0.0048	0.0744	2.0190/2.0210	0.7450
3-4		SH-1350		1.8682/1.8692	0.0010/0.0048	0.0694	2.0090/2.0110	0.7450
		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
NOTE: Heavy Duty Engine								
Camshaft Bearing Set 1	B-2	SH-1772S	STD					
2-3-4-5		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
		SH-400		1.8680/1.8690	0.0010/0.0050	0.0647	1.9990/2.0010	0.8700
NOTE: Aluminum Block								
Camshaft Bearing Set 1-2-3-4-5	B-2	SH-1796S	STD					
		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
NOTE: Oversize Align Bored Blocks With Housing Bore Diameter 1.9990/2.0010								



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
114	4.3L 265 CID OHV 16V V8 GMC; Vortec VIN Code: 'W' (1994-1996)				3.670"/93.2mm x 3.100"/78.7mm			114
	4.4L 267 CID OHV 16V V8 GMC; Chevrolet VIN Code: 'J' (1979-1982)				3.500"/88.9mm x 3.480"/88.4mm			
	5.7L 350 CID OHV 16V V8 GMC; Pontiac VIN Code: 'E' (1984)				3.880"/98.4mm x 3.750"/95.2mm			
	5.7L 5736 CC 350 CID OHV 16V V8 GMC VIN Codes: 'A' (1971), 'B' (1971), 'E' (1969-1972)				4.000"/101.6mm x 3.480"/88.4mm			
	5.7L 350 CID OHV 16V V8 GMC; Chevrolet VIN Code: '8' (1982, 1984)				4.060"/103.0mm x 3.390"/86.0mm			
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set 1-2-3-4	AL-5	MS-909A	STD,1,10,20,30,40	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2508A MB-2509A(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
Main Bearing Set 1-2-3-4	TM-77	MS-909P	STD,1,2,10,20,30,40,C60	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2508P MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
115	4.3L 4343 CC 265 CID OHV 16V V8 GMC (1955-1957)				3.750"/95.3mm x 3.000"/76.2mm			115
	4.6L 4638 CC 283 CID OHV 16V V8 GMC (1957-1967)				3.880"/98.4mm x 3.000"/76.2mm			
	5.3L 5358 CC 327 CID OHV 16V V8 GMC; Chevrolet (1964-1965)				4.000"/101.6mm x 3.250"/82.5mm			
	5.3L 5358 CC 327 CID OHV 16V V8 GMC (1962-1965)				4.000"/101.6mm x 3.250"/82.5mm			
Connecting Rod Bearing Pair (8)	AL-5	CB-745A	STD,10,20,30	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1853A-10	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-745P	STD,1,2,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
115 (cont.)	4.3L 4343 CC 265 CID OHV 16V V8 GMC (1955-1957)			3.750"/95.3mm x 3.000"/76.2mm					115 (cont.)
	4.6L 4638 CC 283 CID OHV 16V V8 GMC (1957-1967)			3.880"/98.4mm x 3.000"/76.2mm					
	5.3L 5358 CC 327 CID OHV 16V V8 GMC; Chevrolet (1964-1965)			4.000"/101.6mm x 3.250"/82.5mm					
	5.3L 5358 CC 327 CID OHV 16V V8 GMC (1962-1965)			4.000"/101.6mm x 3.250"/82.5mm					
Connecting Rod Bearing Set	AL-5	CB-745A(8)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420	
Connecting Rod Bearing Set	AL-5	CB-1853A-10(8)	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	TM-77	CB-745P(8)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420	
Main Bearing Set 1-2-3-4	TM-77	MS-429P	STD,1,10,20,30	2.2980/2.2990	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070	
5		MB-3135P		2.2978/2.2988	0.0011/0.0041	0.0955	2.4906/2.4916	1.7180	
Camshaft Bearing Set 1	B-1	SH-287S	STD						
2		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500	
3-4		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500	
		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500	
116	4.3L 265 CID OHV 16V V8 GMC; Pontiac VIN Code: 'S' (1980-1981)			3.750"/95.3mm x 3.000"/76.1mm					116
	4.9L 301 CID OHV 16V V8 GMC; Pontiac VIN Codes: 'T' (1980-1981), 'W' (1978-1981), 'Y' (1977-1979)			4.000"/101.6mm x 3.000"/76.2mm					
Connecting Rod Bearing Pair (8)	AL-5	CB-610A	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420	
Connecting Rod Bearing Pair (8)	AL-5	CB-1878A-10	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Pair (8)	TM-77	CB-610P-1		1.9995/2.0050	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420	
Connecting Rod Bearing Set	AL-5	CB-610A(8)	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420	
Connecting Rod Bearing Set	AL-5	CB-1878A-10(8)	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Camshaft Bearing Set 1-2-3-4-5	B-1	SH-292S	STD						
		SH-292		1.8992/1.8997	0.0010/0.0060	0.0644	2.0297/2.0307	0.6800	
117	4.4L 4371 CC 267 CID DOHC 32V V8 GMC; Northstar VIN Code: 'D' (2006-2009)			3.580"/91.0mm x 3.310"/84.0mm					117
Connecting Rod Bearing Pair (8)	TM-77	CB-1648P	STD,.25mm,.50mm	2.1235/2.1245	0.0002/0.0027	0.0624	2.2494/2.2505	0.7600	
Main Bearing Set 1-2-4	AL-5	MS-2276A	STD,10,20	2.6769/2.6775	0.0002/0.0020	0.0955	2.8687/2.8694	0.7776	
3		MB-3886A		2.6769/2.6775	0.0002/0.0020	0.0955	2.8687/2.8694	0.9563	
		MB-3887A(F)							
For Year: 2009									



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
118	4.6L 281 CID DOHC 32V V8 GMC; Northstar VIN Code: 'A' (2004-2010)			3.660"/93.0mm x 3.310"/84.0mm					118
Connecting Rod Bearing Pair (8)	TM-77	CB-1648P	STD,.25mm,.50mm	2.1235/2.1245	0.0002/0.0027	0.0624	2.2494/2.2505	0.7600	
Main Bearing Set 1-2-4-5	TM-77	MS-2206P	STD,.25mm,.50mm	2.5335/2.5340	0.0011/0.0024	0.1591	2.8516/2.8521	0.8140	
3		MB-3758P MB-3759P(F)		2.5330/2.5338	0.0011/0.0024	0.1591	2.8516/2.8521	0.9250	
For Years: 2004 - 2009									
119	4.6L 281 CID DOHC 32V V8 GMC L37, LD8; Northstar VIN Codes: '6' (2011), 'S' (2011)			3.660"/93.0mm x 3.310"/84.0mm					119
Connecting Rod Bearing Pair (8)	TM-77	CB-1648P	STD,.25mm,.50mm	2.1235/2.1245	0.0002/0.0027	0.0624	2.2494/2.2505	0.7600	
120	4.8L 294 CID OHV 16V V8 GMC L20; Vortec VIN Codes: 'A' (2010-2013), 'C' (2007-2009)			3.780"/96.0mm x 3.270"/83.0mm					120
5.3L 5328 CC 325 CID OHV 16V V8 GMC L33, L59, LH6, LM7, LMF; Vortec VIN Codes: '4' (2008-2013), 'B' (2005-2007), 'M' (2005-2009), 'T' (2004-2007), 'Z' (2004-2007)				3.780"/96.0mm x 3.620"/92.0mm					
5.3L 5328 CC 325 CID OHV 16V V8 GMC LS4 VIN Code: 'C' (2005-2009)				3.780"/96.0mm x 3.620"/92.0mm					
6.0L 364 CID OHV 16V V8 GMC VIN Code: 'U' (2005)				4.000"/101.2mm x 3.620"/92.0mm					
6.0L 5967 CC 364 CID OHV 16V V8 GMC LS2 VIN Codes: 'H' (2005-2009), 'U' (2005-2007)				4.000"/101.6mm x 3.620"/92.0mm					
6.0L 5967 CC 364 CID OHV 16V V8 GMC L76, LFA; Vortec VIN Codes: '5' (2008-2009), 'K' (2007-2010), 'Y' (2007-2009)				4.000"/101.6mm x 3.620"/92.0mm					
6.2L 6162 CC 376 CID OHV 16V V8 GMC L92; Vortec VIN Code: '8' (2007-2008)				4.060"/103.2mm x 3.620"/92.0mm					
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40							
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Main Bearing Set 1-2-4-5		MS-2199A	STD,10,20,30						
3		MB3592ALLSTD MB3592ALUSTD MB-3591A MB-3592A(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050	
				2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280	



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
120 (cont.)	4.8L 294 CID OHV 16V V8 GMC L20; Vortec VIN Codes: 'A' (2010-2013), 'C' (2007-2009)			3.780"/96.0mm x 3.270"/83.0mm				120 (cont.)
	5.3L 5328 CC 325 CID OHV 16V V8 GMC L33, L59, LH6, LM7, LMF; Vortec VIN Codes: '4' (2008-2013), 'B' (2005-2007), 'M' (2005-2009), 'T' (2004-2007), 'Z' (2004-2007)			3.780"/96.0mm x 3.620"/92.0mm				
	5.3L 5328 CC 325 CID OHV 16V V8 GMC LS4 VIN Code: 'C' (2005-2009)			3.780"/96.0mm x 3.620"/92.0mm				
	6.0L 364 CID OHV 16V V8 GMC VIN Code: 'U' (2005)			4.000"/101.2mm x 3.620"/92.0mm				
	6.0L 5967 CC 364 CID OHV 16V V8 GMC LS2 VIN Codes: 'H' (2005-2009), 'U' (2005-2007)			4.000"/101.6mm x 3.620"/92.0mm				
	6.0L 5967 CC 364 CID OHV 16V V8 GMC L76, LFA; Vortec VIN Codes: '5' (2008-2009), 'K' (2007-2010), 'Y' (2007-2009)			4.000"/101.6mm x 3.620"/92.0mm				
	6.2L 6162 CC 376 CID OHV 16V V8 GMC L92; Vortec VIN Code: '8' (2007-2008)			4.060"/103.2mm x 3.620"/92.0mm				
Main Bearing Set 1-2-4-5 3	TM-77	MS-2199P MB-3591P MB-3592P(F)	STD,10,20	2.5588/2.5593 2.5588/2.5593	0.0002/0.0018 0.0002/0.0018	0.0957 0.0957	2.7509/2.7515 2.7509/2.7515	0.8050 1.0280
Main Bearing Set 1,2,3,4 5	AL-5	MS-2366A-10 MB4031A10 MB4032AF10		2.5488/2.5493	0.0002/0.0019 0.0002/0.0019	0.1107 0.1107	2.7709/2.7715 2.7709/2.7715	0.8050 1.0275
NOTE: .020in Oversize Housing Bore								
Camshaft Bearing Set 1-5 2-4 3	B-1	SH-2125S SH-1995A SH-2124 SH-2125	STD	2.1650/2.1670 2.1650/2.1670 2.1650/2.1670	0.0022/0.0074 0.0010/0.0062 0.0010/0.0062	0.0890 0.0799 0.0700	2.3472/2.3492 2.3276/2.3295 2.3079/2.3098	0.7800 0.7800 0.7800
For Years: 2004 - 2014 NOTE: 2003, 2nd Design, Position Number 1 And 5 Housing Bore Is 2.3460"/2.3480", For Year(s):, 2003-2010, Non Coated								
Camshaft Bearing Set For Years: 2004 - 2014 NOTE: Coated	B-1	SH-2199S	STD					
121	4.8L 294 CID OHV 16V V8; Vortec (1999-2007)			3.780"/96.0mm x 3.270"/83.0mm				121
	5.3L 5328 CC 325 CID OHV 16V V8 L59, LM4, LM7; Vortec (1999-2007)			3.780"/96.0mm x 3.620"/92.0mm				
	6.0L 5967 CC 364 CID OHV 16V V8; Vortec (1999-2007)			4.000"/101.6mm x 3.620"/92.0mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
121 (cont.)	4.8L 294 CID OHV 16V V8; Vortec (1999-2007)			3.780"/96.0mm x 3.270"/83.0mm				121 (cont.)
	5.3L 5328 CC 325 CID OHV 16V V8 L59, LM4, LM7; Vortec (1999-2007)			3.780"/96.0mm x 3.620"/92.0mm				
	6.0L 5967 CC 364 CID OHV 16V V8; Vortec (1999-2007)			4.000"/101.6mm x 3.620"/92.0mm				
Connecting Rod Bearing Pair (8) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set		MS-2199A	STD,10,20,30					
		MB3592ALLSTD						
		MB3592ALUSTD						
1-2-4-5		MB-3591A		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592A(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
Main Bearing Set	AL-5	MS-2366A-10						
1,2,3,4		MB4031A10		2.5488/2.5493	0.0002/0.0019	0.1107	2.7709/2.7715	0.8050
5		MB4032AF10			0.0002/0.0019	0.1107	2.7709/2.7715	1.0275
NOTE: .020in Oversize Housing Bore								
Main Bearing Set	TM-77	MS-2199P	STD,10,20					
1-2-4-5		MB-3591P		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592P(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
Camshaft Bearing Set	B-1	SH-1814S	STD					
1-5		SH-1814		2.1650/2.1670	0.0011/0.0063	0.0790	2.3260/2.3280	0.6350
2-4		SH-1815		2.1650/2.1670	0.0011/0.0063	0.0740	2.3161/2.3181	0.6350
3		SH-1816		2.1650/2.1670	0.0011/0.0063	0.0692	2.3063/2.3083	0.6350
For Years: 1999 - 2003 NOTE: 2003, 1st Design, Position Number 1 And 5 Housing Bore Is 2.3260in/2.3280in								
Camshaft Bearing Set	B-1	SH-2125S	STD					
1-5		SH-1995A		2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800
2-4		SH-2124		2.1650/2.1670	0.0010/0.0062	0.0799	2.3276/2.3295	0.7800
3		SH-2125		2.1650/2.1670	0.0010/0.0062	0.0700	2.3079/2.3098	0.7800
For Years: 2003 - 2007 NOTE: 2003, 2nd Design, Position Number 1 And 5 Housing Bore Is 2.3460in/2.3480in, Non Coated								
Camshaft Bearing Set	B-2	SH-2160S	STD					
For Years: 1999 - 2003 NOTE: 2003, 2nd Design, Position Number 1 And 5 Housing Bore Is 2.3460in/2.3480in								



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
121 (cont.)	4.8L 294 CID OHV 16V V8; Vortec (1999-2007)			3.780"/96.0mm x 3.270"/83.0mm			121 (cont.)	
	5.3L 5328 CC 325 CID OHV 16V V8 L59, LM4, LM7; Vortec (1999-2007)			3.780"/96.0mm x 3.620"/92.0mm				
	6.0L 5967 CC 364 CID OHV 16V V8; Vortec (1999-2007)			4.000"/101.6mm x 3.620"/92.0mm				
Camshaft Bearing Set For Years: 2003 - 2007 NOTE: 2003, 2nd Design, Position Number 1 And 5 Housing Bore Is 2.3460in/2.3480in, Coated								
122	4.8L 294 CID OHV 16V V8 GMC L20; Vortec VIN Code: 'F' (2015-2016)			3.780"/96.0mm x 3.270"/83.0mm			122	
	6.0L 5967 CC 364 CID OHV 16V V8 GMC L77, L96, LC8; Vortec VIN Codes: '2' (2014-2015), '8' (2013), 'B' (2014-2015), 'G' (2014)			4.000"/101.6mm x 3.620"/92.0mm				
	6.2L 6162 CC 376 CID OHV 16V V8 GMC LS3 VIN Code: 'W' (2014-2015)			4.060"/103.2mm x 3.620"/92.0mm				
Main Bearing Set MS-2199A STD,10,20,30 MB3592ALLSTD MB3592ALUSTD								
1-2-4-5	MB-3591A			2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3	MB-3592A(F)			2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
Main Bearing Set TM-77 MS-2199P STD,10,20 1-2-4-5 MB-3591P 3 MB-3592P(F)								
1-2-4-5	MB-3591P			2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3	MB-3592P(F)			2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
For Years: 2013 - 2015								
123	4.9L 4917 CC 300 CID OHV 16V V8 GMC KL, LL, LP, ML, NL (1964-1967)			3.750"/95.3mm x 3.400"/86.4mm			123	
Connecting Rod Bearing Pair (8) AL-5 CB-610A STD,10,20,30,40								
Connecting Rod Bearing Pair (8) AL-5 CB-1878A-10 20,30 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8) TM-77 CB-610P-1								
Connecting Rod Bearing Set AL-5 CB-610A(8) STD,10,20,30,40								
Connecting Rod Bearing Set AL-5 CB-1878A-10(8) 20,30 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set TM-77 MS-961P STD,10,20 1-2-4 MB-2433P 3 MB-2434P(F) 5 MB-2491P								
1-2-4	MB-2433P			2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690
3	MB-2434P(F)			2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	1.0580
5	MB-2491P			2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
123 (cont.)	4.9L 4917 CC 300 CID OHV 16V V8 GMC KL, LL, LP, ML, NL (1964-1967)			3.750"/95.3mm x 3.400"/86.4mm				123 (cont.)
Camshaft Bearing Set	B-1	SH-1360S	STD					
1		SH-1360		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.7550
2		SH-506		1.7550/1.7560	0.0010/0.0060	0.0643	1.8855/1.8875	0.7600
3		SH-363		1.7250/1.7260	0.0010/0.0060	0.0643	1.8555/1.8575	0.7600
4		SH-364		1.6950/1.6960	0.0010/0.0060	0.0643	1.8255/1.8275	0.7600
5		SH-365		1.6650/1.6660	0.0010/0.0060	0.0643	1.7955/1.7975	0.7600
124	4.9L 4917 CC 300 CID OHV 16V V8 GMC KP (1964)			3.750"/95.3mm x 3.400"/86.4mm				124
	5.6L 5573 CC 340 CID OHV 16V V8 GMC MA, MB, NA, NB (1966-1967)			3.750"/95.3mm x 3.850"/97.8mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-610A	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Pair (8)	AL-5	CB-1878A-10	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-610P-1		1.9995/2.0050	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-610A(8)	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-1878A-10(8)	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Camshaft Bearing Set	B-1	SH-1360S	STD					
1		SH-1360		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.7550
2		SH-506		1.7550/1.7560	0.0010/0.0060	0.0643	1.8855/1.8875	0.7600
3		SH-363		1.7250/1.7260	0.0010/0.0060	0.0643	1.8555/1.8575	0.7600
4		SH-364		1.6950/1.6960	0.0010/0.0060	0.0643	1.8255/1.8275	0.7600
5		SH-365		1.6650/1.6660	0.0010/0.0060	0.0643	1.7955/1.7975	0.7600
125	4.9L 4949 CC 302 CID OHV 16V V8 GMC; Chevrolet (1967)			4.000"/101.6mm x 3.000"/76.2mm				125
Connecting Rod Bearing Pair (8)	AL-5	CB-745A	STD,10,20,30	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1853A-10	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-745P	STD,1,2,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-745A(8)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1853A-10(8)	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-745P(8)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
125 (cont.)	4.9L 4949 CC 302 CID OHV 16V V8 GMC; Chevrolet (1967)			4.000"/101.6mm x 3.000"/76.2mm				125 (cont.)
Main Bearing Set 1-2-3-4 5	TM-77	MS-429P MB-3135P MB-1769P(F)	STD,1,10,20,30	2.2980/2.2990 2.2978/2.2988	0.0003/0.0033 0.0011/0.0041	0.0955 0.0955	2.4906/2.4916 2.4906/2.4916	0.8070 1.7180
NOTE: 1967								
126 (cont.)	4.9L 4949 CC 302 CID OHV 16V V8 GMC (1967-1969)			4.000"/101.6mm x 3.000"/76.2mm				126 (cont.)
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
For Years: 1968 - 1969								
Connecting Rod Bearing Pair (8)	AL-5	CB-745A	STD,10,20,30	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
For Year: 1967								
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
For Years: 1968 - 1969								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	AL-5	CB-1853A-10	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
For Year: 1967								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-745P	STD,1,2,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
For Year: 1967								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
For Years: 1968 - 1969								
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
For Years: 1968 - 1969								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
For Years: 1968 - 1969								
Connecting Rod Bearing Set	AL-5	CB-745A(8)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
For Year: 1967								
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
For Years: 1968 - 1969								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1853A-10(8)	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
For Year: 1967								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
For Years: 1968 - 1969								



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
126 (cont.)	4.9L 4949 CC 302 CID OHV 16V V8 GMC (1967-1969)			4.000"/101.6mm x 3.000"/76.2mm				126 (cont.)
Connecting Rod Bearing Set For Year: 1967	TM-77	CB-745P(8)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Main Bearing Set 1-2-3-4 5 For Years: 1968 - 1969 NOTE: 1968-1969	AL-5	MS-909A MB-2508A MB-2509A(F)	STD,1,10,20,30,40	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955	2.6406/2.6416	0.8070 1.7180
Main Bearing Set 1-2-3-4 5 For Year: 1967 NOTE: 1967	TM-77	MS-429P MB-3135P MB-1769P(F)	STD,1,10,20,30	2.2980/2.2990 2.2978/2.2988	0.0003/0.0033 0.0011/0.0041	0.0955	2.4906/2.4916	0.8070 1.7180
Main Bearing Set 1-2-3-4 5 For Years: 1968 - 1969 NOTE: 1968-1969	TM-77	MS-909P MB-2508P MB-2509P(F)	STD,1,2,10,20,30,40,C60	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955	2.6406/2.6416	0.8070 1.7180
Main Bearing Set 1-2-3-4 5 For Years: 1968 - 1969 NOTE: Contains .010in Oversized Length Flanged Bearing	TM-77	MS-1744P-10 MB-2508P MB-3119P(F)	20	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955	2.6406/2.6416	0.8070 1.7280
127	5.0L 305 CID OHV 16V V8; Chevrolet (1976-1996)			3.740"/94.9mm x 3.480"/88.4mm				127
	5.7L 5736 CC 350 CID OHV 16V V8 (1971-1974)			4.000"/101.6mm x 3.480"/88.4mm				
	5.7L 5736 CC 350 CID OHV 16V V8 (1972-1974)			4.000"/101.6mm x 3.480"/88.4mm				
	5.7L 350 CID OHV 16V V8; Chevrolet (1975-1976)			4.000"/101.6mm x 3.480"/88.4mm				
	5.7L 350 CID OHV 16V V8; Chevrolet (1975-1996)			4.000"/101.6mm x 3.480"/88.4mm				
	5.7L 350 CID OHV 16V V8; Chevrolet (1976-2002)			4.000"/101.6mm x 3.480"/88.4mm				
	5.7L 5735 CC 350 CID OHV 16V V8; Chevrolet (1981)			4.000"/101.6mm x 3.480"/88.4mm				
	5.7L 350 CID OHV 16V V8; Vortec (1996-2002)			4.000"/101.6mm x 3.480"/88.4mm				
	5.7L 350 CID OHV 16V V8; Chevrolet (1989-1993)			4.060"/103.0mm x 3.390"/86.0mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
8 CYL (cont.)									
127 (cont.)	5.0L 305 CID OHV 16V V8; Chevrolet (1976-1996)			3.740"/94.9mm x 3.480"/88.4mm					127 (cont.)
	5.7L 5736 CC 350 CID OHV 16V V8 (1971-1974)			4.000"/101.6mm x 3.480"/88.4mm					
	5.7L 5736 CC 350 CID OHV 16V V8 (1972-1974)			4.000"/101.6mm x 3.480"/88.4mm					
	5.7L 350 CID OHV 16V V8; Chevrolet (1975-1976)			4.000"/101.6mm x 3.480"/88.4mm					
	5.7L 350 CID OHV 16V V8; Chevrolet (1975-1996)			4.000"/101.6mm x 3.480"/88.4mm					
	5.7L 350 CID OHV 16V V8; Chevrolet (1976-2002)			4.000"/101.6mm x 3.480"/88.4mm					
	5.7L 5735 CC 350 CID OHV 16V V8; Chevrolet (1981)			4.000"/101.6mm x 3.480"/88.4mm					
	5.7L 350 CID OHV 16V V8; Vortec (1996-2002)			4.000"/101.6mm x 3.480"/88.4mm					
	5.7L 350 CID OHV 16V V8; Chevrolet (1989-1993)			4.060"/103.0mm x 3.390"/86.0mm					
Connecting Rod Bearing Pair (8) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Main Bearing Set 1-2-3-4	AL-5	MS-909A	STD,1,10,20,30,40	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070	
5		MB-2508A MB-2509A(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180	
NOTE: 1968 only									
Main Bearing Set 1-2-3-4	TM-77	MS-909P	STD,1,2,10,20,30,40,C60	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070	
5		MB-2508P MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180	
NOTE: 1968 only									
Main Bearing Set 1-2-3-4	TM-77	MS-1744P-10	20	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070	
5		MB-2508P MB-3119P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7280	
NOTE: Contains .010in Oversized Length Flanged Bearing									
Camshaft Bearing Set 1	B-1	SH-290S	STD,10	1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500	
2-5		SH-290 SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500	
3-4		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500	
For Years: 1972 - 2002									



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
127 (cont.)	5.0L 305 CID OHV 16V V8; Chevrolet (1976-1996)			3.740"/94.9mm x 3.480"/88.4mm					127 (cont.)
	5.7L 5736 CC 350 CID OHV 16V V8 (1971-1974)			4.000"/101.6mm x 3.480"/88.4mm					
	5.7L 5736 CC 350 CID OHV 16V V8 (1972-1974)			4.000"/101.6mm x 3.480"/88.4mm					
	5.7L 350 CID OHV 16V V8; Chevrolet (1975-1976)			4.000"/101.6mm x 3.480"/88.4mm					
	5.7L 350 CID OHV 16V V8; Chevrolet (1975-1996)			4.000"/101.6mm x 3.480"/88.4mm					
	5.7L 350 CID OHV 16V V8; Chevrolet (1976-2002)			4.000"/101.6mm x 3.480"/88.4mm					
	5.7L 5735 CC 350 CID OHV 16V V8; Chevrolet (1981)			4.000"/101.6mm x 3.480"/88.4mm					
	5.7L 350 CID OHV 16V V8; Vortec (1996-2002)			4.000"/101.6mm x 3.480"/88.4mm					
	5.7L 350 CID OHV 16V V8; Chevrolet (1989-1993)			4.060"/103.0mm x 3.390"/86.0mm					
Camshaft Bearing Set									
	B-2	SH-1349S	STD						
1		SH-1349		1.8682/1.8692	0.0010/0.0048	0.0744	2.0190/2.0210	0.7450	
2-5		SH-1350		1.8682/1.8692	0.0010/0.0048	0.0694	2.0090/2.0110	0.7450	
3-4		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450	
For Years: 1972 - 2002									
NOTE: Heavy Duty Engine									
Camshaft Bearing Set									
	B-2	SH-1796S	STD						
1-2-3-4-5		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450	
For Years: 1972 - 2002									
NOTE: Oversize Align Bored Blocks With Housing Bore Diameter 1.9990/2.0010									
128	5.0L 305 CID OHV 16V V8 GMC; Vortec VIN Code: 'M' (1996-2002)			3.740"/94.9mm x 3.480"/88.4mm					128
	5.0L 5031 CC 307 CID OHV 16V V8 GMC CCA, CCC (1971)			3.880"/98.4mm x 3.250"/82.6mm					
	5.7L 5736 CC 350 CID OHV 16V V8 GMC (1967-1971)			4.000"/101.6mm x 3.480"/88.4mm					
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40							
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
128 (cont.)	5.0L 305 CID OHV 16V V8 GMC; Vortec VIN Code: 'M' (1996-2002)			3.740"/94.9mm x 3.480"/88.4mm				128 (cont.)
	5.0L 5031 CC 307 CID OHV 16V V8 GMC CCA, CCC (1971)			3.880"/98.4mm x 3.250"/82.6mm				
	5.7L 5736 CC 350 CID OHV 16V V8 GMC (1967-1971)			4.000"/101.6mm x 3.480"/88.4mm				
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set 1-2-3-4	AL-5	MS-909A	STD,1,10,20,30,40	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2508A MB-2509A(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
Main Bearing Set 1-2-3-4	TM-77	MS-909P	STD,1,2,10,20,30,40,C60	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2508P MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
Main Bearing Set 1-2-3-4	TM-77	MS-1744P-10	20	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2508P MB-3119P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7280
For Years: 1968 - 2002								
NOTE: Contains .010in Oversized Length Flanged Bearing								
129	5.0L 307 CID OHV 16V V8 GMC; Oldsmobile VIN Code: 'Y' (1980-1990)			3.800"/96.5mm x 3.390"/86.1mm				129
Connecting Rod Bearing Pair (8)	TM-77	CB-684P	STD,10,20,30	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
Connecting Rod Bearing Set	TM-77	CB-684P(8)	STD,10,20	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
Main Bearing Set 1	TM-77	MS-805P	STD,10,20	2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
2-4		MB-2365P MB-2251P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
3		MB-2252P(F)		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	1.1950
5		MB-2253P		2.4985/2.4995	0.0014/0.0044	0.0932	2.6870/2.6880	1.6290
Camshaft Bearing Set 1	B-1	SH-1355S	STD	2.0365/2.0373	0.0015/0.0050	0.0646	2.1680/2.1695	0.6930
2		SH-1359 SH-1355		2.0165/2.0173	0.0015/0.0050	0.0646	2.1480/2.1495	0.6930
3		SH1356		1.9965/1.9973	0.0015/0.0050	0.0646	2.1280/2.1295	0.6930
4		SH-1357		1.9765/1.9773	0.0015/0.0050	0.0646	2.1080/2.1095	0.6930
5		SH-1358		1.9565/1.9573	0.0015/0.0050	0.0646	2.0880/2.0895	0.6930
Piston Pin Bushing	C-1	223-3597	STD			0.0650	1.0830/1.0840	0.9200
NOTE: OE Replacement, Requires Boring								
130	5.0L 5031 CC 307 CID OHV 16V V8 GMC VIN Codes: 'E' (1968-1969), 'U' (1969), 'X' (1973)			3.880"/98.4mm x 3.250"/82.6mm				130
	5.7L 350 CID OHV 16V V8 GMC; Chevrolet VIN Code: '4' (1979)			3.880"/98.4mm x 3.750"/95.2mm				
	5.7L 5736 CC 350 CID OHV 16V V8 GMC VIN Codes: 'V' (1973-1974), 'W' (1973-1974), 'Y' (1973-1974)			4.000"/101.6mm x 3.480"/88.4mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
130 (cont.)	5.0L 5031 CC 307 CID OHV 16V V8 GMC			3.880"/98.4mm x 3.250"/82.6mm					130 (cont.)
	VIN Codes: 'E' (1968-1969), 'U' (1969), 'X' (1973)								
	5.7L 350 CID OHV 16V V8 GMC; Chevrolet			3.880"/98.4mm x 3.750"/95.2mm					
	VIN Code: '4' (1979)								
	5.7L 5736 CC 350 CID OHV 16V V8 GMC			4.000"/101.6mm x 3.480"/88.4mm					
	VIN Codes: 'V' (1973-1974), 'W' (1973-1974), 'Y' (1973-1974)								
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40							
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Main Bearing Set 1-2-3-4	AL-5	MS-909A	STD,1,10,20,30,40	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070	
		MB-2508A							
5		MB-2509A(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180	
Main Bearing Set 1-2-3-4	TM-77	MS-909P	STD,1,2,10,20,30,40,C60	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070	
		MB-2508P							
5		MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180	
Camshaft Bearing Set 1	B-1	SH-290S	STD,10						
		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500	
2-5		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500	
3-4		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500	
For Years: 1969 - 1979									
131	5.0L 5031 CC 307 CID OHV 16V V8 GMC			3.880"/98.4mm x 3.250"/82.6mm					131
	VIN Codes: 'A' (1970), 'B' (1970), 'F' (1972-1973), 'H' (1971), 'P' (1971)								
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40							
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
131 (cont.)	5.0L 5031 CC 307 CID OHV 16V V8 GMC VIN Codes: 'A' (1970), 'B' (1970), 'F' (1972-1973), 'H' (1971), 'P' (1971)			3.880"/98.4mm x 3.250"/82.6mm			131 (cont.)	
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set 1-2-3-4 5	AL-5	MS-909A MB-2508A MB-2509A(F)	STD,1,10,20,30,40	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955	2.6406/2.6416 2.6406/2.6416	0.8070 1.7180
Main Bearing Set 1-2-3-4 5	TM-77	MS-909P MB-2508P MB-2509P(F)	STD,1,2,10,20,30,40,C60	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955	2.6406/2.6416 2.6406/2.6416	0.8070 1.7180
Main Bearing Set 1-2-3-4 5	TM-77	MS-1744P-10 MB-2508P MB-3119P(F)	20	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955	2.6406/2.6416 2.6406/2.6416	0.8070 1.7280
For Years: 1970 - 1973								
NOTE: Contains .010in Oversized Length Flanged Bearing								
Camshaft Bearing Set 1 2-5 3-4	B-1	SH-290S SH-290 SH-288 SH287	STD,10	1.8682/1.8692 1.8682/1.8692 1.8682/1.8692	0.0010/0.0050 0.0010/0.0050 0.0010/0.0050	0.0744 0.0694 0.0644	2.0190/2.0210 2.0090/2.0110 1.9990/2.0010	0.7500 0.7500 0.7500
For Years: 1968 - 1972								
132	5.2L 5179 CC 316 CID OHV 16V V8 GMC (1956)			3.940"/100.0mm x 3.250"/82.6mm			132	
	5.7L 5687 CC 347 CID OHV 16V V8 GMC (1957)			3.940"/100.0mm x 3.560"/90.5mm				
	6.1L 6064 CC 370 CID OHV 16V V8 GMC (1958)			4.060"/103.1mm x 3.560"/90.5mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-758P	STD,1,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
Connecting Rod Bearing Set	TM-77	CB-758P(8)	STD,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
Camshaft Bearing Set 1 2-3-4-5	B-1	SH-291S SH-291 SH-292	STD	1.8992/1.8997 1.8992/1.8997	0.0010/0.0060 0.0010/0.0060	0.0643 0.0644	2.0297/2.0317 2.0297/2.0307	1.0700 0.6800



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
133	5.3L 323 CID OHV 16V V8 GMC; Vortec (2001-2005)				3.780"/96.0mm x 3.620"/92.0mm			133
	5.3L 325 CID OHV 16V V8 GMC; Vortec (2004-2007)				3.780"/96.0mm x 3.620"/92.0mm			
	5.3L 5328 CC 325 CID OHV 16V V8 GMC LC9, LH8, LMF, LMG; Vortec				3.780"/96.0mm x 3.620"/92.0mm			
	VIN Codes: '0' (2014), '4' (2014), '7' (2014), 'L' (2008-2009)							
	5.3L 5328 CC 325 CID OHV 16V V8 GMC LC9, LMG, LY5 (2010-2014)				3.780"/96.0mm x 3.620"/92.0mm			
	6.0L 5967 CC 364 CID OHV 16V V8 GMC L96; Vortec				4.000"/101.6mm x 3.620"/92.0mm			
	VIN Code: 'G' (2011-2013)							
	6.0L 5967 CC 364 CID OHV 16V V8 GMC LQ9 (2005-2006)				4.000"/101.6mm x 3.620"/92.0mm			
6.2L 376 CID OHV 16V V8 GMC L9H; Vortec (2009)				4.060"/103.3mm x 3.620"/92.0mm				
6.2L 6162 CC 376 CID OHV 16V V8 GMC L92 (2011-2012)				4.070"/103.3mm x 3.620"/92.0mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set		MS-2199A	STD,10,20,30					
		MB3592ALLSTD						
		MB3592ALUSTD						
1-2-4-5		MB-3591A		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592A(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
For Years: 2002 - 2014								
Main Bearing Set	AL-5	MS-2366A-10						
1,2,3,4		MB4031A10		2.5488/2.5493	0.0002/0.0019	0.1107	2.7709/2.7715	0.8050
5		MB4032AF10			0.0002/0.0019	0.1107	2.7709/2.7715	1.0275
For Years: 2002 - 2014								
NOTE: .020in Oversize Housing Bore								
Main Bearing Set	TM-77	MS-2199P	STD,10,20					
1-2-4-5		MB-3591P		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592P(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
For Years: 2002 - 2014								



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
134	5.3L 323 CID OHV 16V V8 GMC LY5; Vortec (2003-2005)			3.780"/96.0mm x 3.620"/92.0mm				134
	5.3L 5328 CC 325 CID OHV 16V V8 GMC L83; EcoTec3 VIN Code: 'C' (2014-2015)			3.780"/96.0mm x 3.620"/92.0mm				
	5.7L 350 CID OHV 16V V8 GMC; Chevrolet VIN Code: '5' (1996)			3.880"/98.4mm x 3.750"/95.2mm				
	5.7L 350 CID OHV 16V V8 GMC; Oldsmobile VIN Code: 'H' (1975)			4.000"/101.6mm x 3.480"/88.4mm				
	6.2L 6162 CC 376 CID OHV 16V V8 GMC L86; EcoTec3 VIN Code: 'J' (2015)			4.060"/103.2mm x 3.620"/92.0mm				
	6.2L 6162 CC 376 CID OHV 16V V8 GMC LS9, LT1, LT4 VIN Codes: '6' (2015), '7' (2014-2015), 'R' (2009)			4.060"/103.2mm x 3.620"/92.0mm				
	6.2L 376 CID OHV 16V V8 GMC LS3 (2008-2009)			4.060"/103.3mm x 3.620"/92.0mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
135	5.3L 5328 CC 325 CID OHV 16V V8 GMC LC9, LMG, LY5; Vortec VIN Codes: '0' (2007-2013), '3' (2007-2011), 'J' (2007-2009)			3.780"/96.0mm x 3.620"/92.0mm				135
	6.0L 5967 CC 364 CID OHV 16V V8 GMC L96, LZ1; Vortec VIN Codes: 'G' (2010-2013), 'J' (2010-2013)			4.000"/101.6mm x 3.620"/92.0mm				
	6.2L 6162 CC 376 CID OHV 16V V8 GMC L94, L9H; Vortec VIN Codes: '2' (2009-2013), 'F' (2010-2014)			4.060"/103.2mm x 3.620"/92.0mm				
	6.2L 6162 CC 376 CID OHV 16V V8 GMC L99, LS3 VIN Codes: 'J' (2010-2015), 'W' (2008-2015)			4.060"/103.2mm x 3.620"/92.0mm				
	6.2L 6199 CC 378 CID OHV 16V V8 GMC L92; Vortec (2007-2010)			4.060"/103.2mm x 3.620"/92.0mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
135 (cont.)	5.3L 5328 CC 325 CID OHV 16V V8 GMC LC9, LMG, LY5; Vortec			3.780"/96.0mm x 3.620"/92.0mm					135 (cont.)
	VIN Codes: '0' (2007-2013), '3' (2007-2011), 'J' (2007-2009)								
	6.0L 5967 CC 364 CID OHV 16V V8 GMC L96, LZ1; Vortec			4.000"/101.6mm x 3.620"/92.0mm					
	VIN Codes: 'G' (2010-2013), 'J' (2010-2013)								
	6.2L 6162 CC 376 CID OHV 16V V8 GMC L94, L9H; Vortec			4.060"/103.2mm x 3.620"/92.0mm					
VIN Codes: '2' (2009-2013), 'F' (2010-2014)									
6.2L 6162 CC 376 CID OHV 16V V8 GMC L99, LS3			4.060"/103.2mm x 3.620"/92.0mm						
VIN Codes: 'J' (2010-2015), 'W' (2008-2015)									
6.2L 6199 CC 378 CID OHV 16V V8 GMC L92; Vortec (2007-2010)			4.060"/103.2mm x 3.620"/92.0mm						
Connecting Rod Bearing Pair (8) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Main Bearing Set		MS-2199A	STD,10,20,30						
		MB3592ALLSTD							
		MB3592ALUSTD							
1-2-4-5		MB-3591A		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050	
3		MB-3592A(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280	
Main Bearing Set	AL-5	MS-2366A-10							
1,2,3,4		MB4031A10		2.5488/2.5493	0.0002/0.0019	0.1107	2.7709/2.7715	0.8050	
5		MB4032AF10			0.0002/0.0019	0.1107	2.7709/2.7715	1.0275	
For Years: 2007 - 2014									
NOTE: .020in Oversize Housing Bore									
Main Bearing Set	TM-77	MS-2199P	STD,10,20						
1-2-4-5		MB-3591P		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050	
3		MB-3592P(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280	
Camshaft Bearing Set	B-1	SH-2125S	STD						
1-5		SH-1995A		2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800	
2-4		SH-2124		2.1650/2.1670	0.0010/0.0062	0.0799	2.3276/2.3295	0.7800	
3		SH-2125		2.1650/2.1670	0.0010/0.0062	0.0700	2.3079/2.3098	0.7800	
For Years: 2007 - 2011									
NOTE: Non Coated									
Camshaft Bearing Set	B-2	SH-2157S	STD						
For Years: 2009 - 2011									
Camshaft Bearing Set	B-1	SH-2199S	STD						
For Years: 2007 - 2011									
NOTE: Coated									
136	5.3L 5328 CC 325 CID OHV 16V V8 GMC LH8, LH9, LY5; Vortec			3.780"/96.0mm x 3.620"/92.0mm					136
	VIN Code: 'P' (2010)								
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
136 (cont.)	5.3L 5328 CC 325 CID OHV 16V V8 GMC LH8, LH9, LY5; Vortec			3.780"/96.0mm x 3.620"/92.0mm			136 (cont.)	
VIN Code: 'P' (2010)								
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set		MS-2199A	STD,10,20,30					
		MB3592ALLSTD						
		MB3592ALUSTD						
1-2-4-5		MB-3591A		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592A(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
Main Bearing Set	AL-5	MS-2366A-10						
1,2,3,4		MB4031A10		2.5488/2.5493	0.0002/0.0019	0.1107	2.7709/2.7715	0.8050
5		MB4032AF10			0.0002/0.0019	0.1107	2.7709/2.7715	1.0275
NOTE: .020in Oversize Housing Bore								
Main Bearing Set	TM-77	MS-2199P	STD,10,20					
1-2-4-5		MB-3591P		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592P(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
Camshaft Bearing Set	B-2	SH-2157S	STD					
For Years: 2009 - 2010								



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
137	5.3L 5343 CC 326 CID OHV 16V V8 GMC 590, 600, 68X, 690, 71X (1963-1964)						3.720"/94.5mm x 3.750"/95.3mm	137
	5.7L 350 CID OHV 16V V8 GMC; Pontiac VIN Code: 'J' (1975)						3.880"/98.4mm x 3.750"/95.2mm	
	6.4L 6376 CC 389 CID OHV 16V V8 GMC 01A, 02A, 02B, 03B, 04B, 04L, 05A, 05L, 06B, 08B, 08R, 09R, 10A, 10B, 11B, 11H, 12H, 13H, 15H, 16K, 17H, 17M, 18K, 18M, 19M, 20L, 21L, 22B, 23B, 23H, 25J, 25K, 266, 26K, 27J, 27P, 28J, 28P, 29N, 336, 34N, 35M, 37M, 38P, 39N, 40R, 41M, 41R, 44M, 45P, 47N, 48N, 49N, 50N, 76X, 77J, 78X, 79J, A1, A2, A5, B1, B2, B4, B5, C0, C1, C4, E3, E7, F0, F1, F4, G4, H4, I9, K1, K5, L1, L5, M0, M1, M4, N1, N5, P1, P4, Q5, R19, R2, RC4, RCO, RM4, RMO, RV9, S1, S5, SE, T1, T5, U9, W3, W7, WA, WB, WC, WD, WE, WF, WS, WT, WV, WW, XA, XB, XE, XS, YA, YB, YC, YD, YE, YF, YG, YL, YN, YP, YR, YS, YU, YW, YX (1959-1966)						4.060"/103.2mm x 3.750"/95.3mm	
	6.6L 6555 CC 400 CID OHV 16V V8 GMC YZ (1970)						4.120"/104.7mm x 3.750"/95.3mm	
	Connecting Rod Bearing Pair (8)	TM-77	CB-758P	STD,1,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619 2.3745/2.3750	0.8860
	Connecting Rod Bearing Set	TM-77	CB-758P(8)	STD,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619 2.3745/2.3750	0.8860
	Main Bearing Set 1-2-3	TM-1	MS-483G	STD,10,20	2.9990/3.0000	0.0007/0.0033	0.0938 3.1880/3.1890	0.9430
	4		MB-1889G		2.9990/3.0000	0.0007/0.0033	0.0938 3.1880/3.1890	1.1350
	5		MB-1890G(F)		2.9990/3.0000	0.0007/0.0038	0.0938 3.1880/3.1890	1.5950
			MB-1891P					
	NOTE: Contains Partial Grooved Main Bearings							
	Main Bearing Set 1-2-3	TM-77	MS-496P	STD,10,20,30	2.9990/3.0000	0.0007/0.0038	0.0938 3.1880/3.1890	0.9430
	4		MB-1917P		2.9990/3.0000	0.0007/0.0038	0.0938 3.1880/3.1890	1.1350
	5		MB-1918P(F)		2.9990/3.0000	0.0007/0.0038	0.0938 3.1880/3.1890	1.5950
			MB-1891P					
	NOTE: Contains Full Grooved Bearings							
138	5.3L 5343 CC 326 CID OHV 16V V8 GMC 970, WC, WH, WJ, WK, WL, WO, WP, WR, WX, XF, XL, XR, YJ, YM, YN, YP (1964-1967)						3.720"/94.5mm x 3.750"/95.3mm	138
	5.7L 350 CID OHV 16V V8 GMC; Pontiac VIN Codes: 'E' (1975), 'M' (1975-1976)						3.880"/98.4mm x 3.750"/95.2mm	
	5.7L 5737 CC 350 CID OHV 16V V8 GMC; Pontiac VIN Code: 'M' (1972-1974)						3.880"/98.4mm x 3.750"/95.2mm	
	6.6L 6555 CC 400 CID OHV 16V V8 GMC WE, WH, WK, WS, WT, WW, WX, XH, XJ, XV, XX, XZ, YB, YS, YX VIN Codes: 'X' (1967), 'Y' (1967)						4.120"/104.7mm x 3.750"/95.3mm	
	Connecting Rod Bearing Pair (8)	TM-77	CB-758P	STD,1,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619 2.3745/2.3750	0.8860
	Connecting Rod Bearing Set	TM-77	CB-758P(8)	STD,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619 2.3745/2.3750	0.8860



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
138 (cont.)	5.3L 5343 CC 326 CID OHV 16V V8 GMC 970, WC, WH, WJ, WK, WL, WO, WP, WR, WX, XF, XL, XR, YJ, YM, YN, YP (1964-1967)			3.720"/94.5mm x 3.750"/95.3mm			138 (cont.)	
	5.7L 350 CID OHV 16V V8 GMC; Pontiac VIN Codes: 'E' (1975), 'M' (1975-1976)			3.880"/98.4mm x 3.750"/95.2mm				
	5.7L 5737 CC 350 CID OHV 16V V8 GMC; Pontiac VIN Code: 'M' (1972-1974)			3.880"/98.4mm x 3.750"/95.2mm				
	6.6L 6555 CC 400 CID OHV 16V V8 GMC WE, WH, WK, WS, WT, WW, WX, XH, XJ, XV, XX, XZ, YB, YS, YX VIN Codes: 'X' (1967), 'Y' (1967)			4.120"/104.7mm x 3.750"/95.3mm				
Main Bearing Set	TM-1	MS-483G	STD,10,20					
1-2-3		MB-1889G		2.9990/3.0000	0.0007/0.0033	0.0938	3.1880/3.1890	0.9430
4		MB-1890G(F)		2.9990/3.0000	0.0007/0.0033	0.0938	3.1880/3.1890	1.1350
5		MB-1891P		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	1.5950
NOTE: Contains Partial Grooved Main Bearings								
Main Bearing Set	TM-77	MS-496P	STD,10,20,30					
1-2-3		MB-1917P		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	0.9430
4		MB-1918P(F)		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	1.1350
5		MB-1891P		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	1.5950
NOTE: Contains Full Grooved Bearings								
Camshaft Bearing Set	B-1	SH-292S	STD					
1-2-3-4-5		SH-292		1.8992/1.8997	0.0010/0.0060	0.0644	2.0297/2.0307	0.6800
139	5.3L 5358 CC 327 CID OHV 16V V8 GMC VIN Code: 'E' (1968)			4.000"/101.6mm x 3.250"/82.5mm			139	
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set	AL-5	MS-909A	STD,1,10,20,30,40					
1-2-3-4		MB-2508A		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2509A(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
Main Bearing Set	TM-77	MS-909P	STD,1,2,10,20,30,40,C60					
1-2-3-4		MB-2508P		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
139 (cont.)	5.3L 5358 CC 327 CID OHV 16V V8 GMC VIN Code: 'E' (1968)			4.000"/101.6mm x 3.250"/82.5mm				139 (cont.)
Main Bearing Set 1-2-3-4 5	TM-77	MS-1744P-10 MB-2508P MB-3119P(F)	20	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955 0.0955	2.6406/2.6416 2.6406/2.6416	0.8070 1.7280
NOTE: Contains .010in Oversized Length Flanged Bearing								
Camshaft Bearing Set 1 2 3-4	B-1	SH-287S SH-290 SH-288 SH287	STD	1.8682/1.8692 1.8682/1.8692 1.8682/1.8692	0.0010/0.0050 0.0010/0.0050 0.0010/0.0050	0.0744 0.0694 0.0644	2.0190/2.0210 2.0090/2.0110 1.9990/2.0010	0.7500 0.7500 0.7500
140 (cont.)	5.3L 5358 CC 327 CID OHV 16V V8 GMC (1962-1969)			4.000"/101.6mm x 3.250"/82.5mm				140 (cont.)
Connecting Rod Bearing Pair (8) For Years: 1968 - 1969	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8) For Years: 1962 - 1967	AL-5	CB-745A	STD,10,20,30	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Pair (8) For Years: 1968 - 1969	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8) For Years: 1962 - 1967	AL-5	CB-1853A-10	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8) For Years: 1962 - 1967	TM-77	CB-745P	STD,1,2,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Pair (8) For Years: 1968 - 1969	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8) For Years: 1968 - 1969	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set For Years: 1968 - 1969	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set For Years: 1962 - 1967	AL-5	CB-745A(8)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set For Years: 1968 - 1969	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
140 (cont.)	5.3L 5358 CC 327 CID OHV 16V V8 GMC (1962-1969)			4.000"/101.6mm x 3.250"/82.5mm				140 (cont.)
Connecting Rod Bearing Set	AL-5	CB-1853A-10(8)	20,30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
For Years: 1962 - 1967 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
For Years: 1968 - 1969								
Connecting Rod Bearing Set	TM-77	CB-745P(8)	STD,10,20,30,40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
For Years: 1962 - 1967								
Main Bearing Set	AL-5	MS-909A	STD,1,10,20,30,40					
1-2-3-4		MB-2508A		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2509A(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
For Years: 1968 - 1969								
Main Bearing Set	TM-77	MS-429P	STD,1,10,20,30					
1-2-3-4		MB-3135P		2.2980/2.2990	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
5		MB-1769P(F)		2.2978/2.2988	0.0011/0.0041	0.0955	2.4906/2.4916	1.7180
For Years: 1968 - 1969								
Main Bearing Set	TM-77	MS-909P	STD,1,2,10,20,30,40,C60					
1-2-3-4		MB-2508P		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
For Years: 1968 - 1969								
Main Bearing Set	TM-77	MS-1744P-10	20					
1-2-3-4		MB-2508P		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-3119P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7280
For Years: 1968 - 1969 NOTE: Contains .010in Oversized Length Flanged Bearing								
Camshaft Bearing Set	B-1	SH-287S	STD					
1		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
2		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
3-4		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
141	5.4L 5409 CC 330 CID OHV 16V V8 GMC T, TE, TG, TH, TK, U, UE, UL (1964-1965)			3.940"/100.0mm x 3.380"/86.0mm				141
Connecting Rod Bearing Pair (8)	TM-77	CB-684P	STD,10,20,30	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
Connecting Rod Bearing Set	TM-77	CB-684P(8)	STD,10,20	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
Main Bearing Set	TM-77	MS-697P	STD					
1-2-4		MB-2365P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
3		MB-2252P(F)		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	1.1950
5		MB-2253P		2.4985/2.4995	0.0014/0.0044	0.0932	2.6870/2.6880	1.6290



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
141 (cont.)	5.4L 5409 CC 330 CID OHV 16V V8 GMC T, TE, TG, TH, TK, U, UE, UL (1964-1965)			3.940"/100.0mm x 3.380"/86.0mm				141 (cont.)
Main Bearing Set	TM-77	MS-805P	STD,10,20					
1		MB-2365P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
2-4		MB-2251P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
3		MB-2252P(F)		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	1.1950
5		MB-2253P		2.4985/2.4995	0.0014/0.0044	0.0932	2.6870/2.6880	1.6290
NOTE: Second Series, Engines With Grooved Upper And Plain Lower Front Main Bearing, Second Series, Engines With Grooved Upper And Plain Lower Front Main BearingSecond Series, Engines With Full Grooved Front Main Bearing								
Camshaft Bearing Set	B-1	SH-1354S	STD					
1		SH-1354		2.0365/2.0373	0.0015/0.0050	0.0646	2.1680/2.1695	0.6930
2		SH-1355		2.0165/2.0173	0.0015/0.0050	0.0646	2.1480/2.1495	0.6930
3		SH1356		1.9965/1.9973	0.0015/0.0050	0.0646	2.1280/2.1295	0.6930
4		SH-1357		1.9765/1.9773	0.0015/0.0050	0.0646	2.1080/2.1095	0.6930
5		SH-1358		1.9565/1.9573	0.0015/0.0050	0.0646	2.0880/2.0895	0.6930
142	5.4L 5409 CC 330 CID OHV 16V V8 W, WE, WG, WH, WL, X, XE, XG, XH, XL (1966-1967)			3.940"/100.0mm x 3.380"/86.0mm				142
Connecting Rod Bearing Pair (8)	TM-77	CB-684P	STD,10,20,30	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
Connecting Rod Bearing Set	TM-77	CB-684P(8)	STD,10,20	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
Main Bearing Set	TM-77	MS-697P	STD					
1-2-4		MB-2365P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
3		MB-2252P(F)		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	1.1950
5		MB-2253P		2.4985/2.4995	0.0014/0.0044	0.0932	2.6870/2.6880	1.6290
Main Bearing Set	TM-77	MS-805P	STD,10,20					
1		MB-2365P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
2-4		MB-2251P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
3		MB-2252P(F)		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	1.1950
5		MB-2253P		2.4985/2.4995	0.0014/0.0044	0.0932	2.6870/2.6880	1.6290
NOTE: Second Series, Engines With Grooved Upper And Plain Lower Front Main Bearing, Second Series, Engines With Grooved Upper And Plain Lower Front Main Bearing								
143	5.4L 5425 CC 331 CID OHV 16V V8 GMC (1949-1951)			3.810"/96.8mm x 3.630"/92.1mm				143
Camshaft Bearing Set	B-1	SH-277S	STD					
1-2-3-4		SH-277		1.7500/1.7507	0.0005/0.0040	0.0640	1.8792/1.8802	0.7600
5		SH-278		1.4375/1.4382	0.0005/0.0040	0.0645	1.5671/1.5687	0.8850
144	5.5L 5522 CC 337 CID OHV 16V V8 GMC (1959)			3.880"/96.0mm x 3.560"/90.5mm				144
Connecting Rod Bearing Pair (8)	TM-77	CB-758P	STD,1,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
Connecting Rod Bearing Set	TM-77	CB-758P(8)	STD,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
145	5.7L 5704 CC 348 CID OHV 16V V8 GMC (1958-1961)			4.130"/104.8mm x 3.250"/82.6mm				145
	6.7L 6704 CC 409 CID OHV 16V V8 GMC (1961-1965)			4.310"/109.5mm x 3.500"/88.9mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-743A	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Pair (8)	TM-77	CB-743P	STD,1,10,20,30,40,50	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Pair (8)	TM-77	CB-1282P	STD,1	2.1990/2.2000	0.0014/0.0039	0.0620	2.3247/2.3252	0.8920
NOTE: No Dowel Hole In Cap Half								
Connecting Rod Bearing Set	AL-5	CB-743A(8)	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Set	TM-77	CB-743P(8)	STD,1,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Camshaft Bearing Set	B-1	SH-398S	STD					
1		SH-398		1.8682/1.8692	0.0010/0.0052	0.0744	2.0190/2.0210	0.8650
2		SH-399		1.8682/1.8692	0.0005/0.0050	0.0697	2.0090/2.0110	0.8700
3-4		SH-400		1.8680/1.8690	0.0010/0.0050	0.0647	1.9990/2.0010	0.8700
5		SH-401		1.8682/1.8692	0.0010/0.0052	0.0694	2.0090/2.0110	0.9450
146	5.7L 350 CID OHV 16V V8 GMC; Buick VIN Code: 'X' (1976, 1978-1980)			3.800"/96.5mm x 3.850"/97.8mm				146
	5.7L 5736 CC 350 CID OHV 16V V8 GMC PO, PP, RO, RP, SP, TB, TC, TD, TO VIN Codes: 'H' (1972-1974), 'J' (1972-1974), 'K' (1972)			3.800"/96.5mm x 3.850"/97.8mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-610A	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Pair (8)	AL-5	CB-1878A-10	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-610P-1		1.9995/2.0050	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-610A(8)	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-1878A-10(8)	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Camshaft Bearing Set	B-1	SH-1361S	STD					
1		SH-1360		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.7550
2-3-4-5		SH-1361		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.6250
147	5.7L 5737 CC 350 CID OHV 16V V8 GMC; Buick VIN Code: 'M' (1974)			3.800"/96.5mm x 3.850"/97.8mm				147
Connecting Rod Bearing Pair (8)	AL-5	CB-610A	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Pair (8)	AL-5	CB-1878A-10	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-610P-1		1.9995/2.0050	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
147 (cont.)	5.7L 5737 CC 350 CID OHV 16V V8 GMC; Buick VIN Code: 'M' (1974)			3.800"/96.5mm x 3.850"/97.8mm				147 (cont.)
Connecting Rod Bearing Set	AL-5	CB-610A(8)	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-1878A-10(8)	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	TM-77	MS-496P	STD,10,20,30					
1-2-3		MB-1917P		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	0.9430
4		MB-1918P(F)		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	1.1350
5		MB-1891P		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	1.5950
NOTE: Contains Full Grooved Bearings								
148	5.7L 350 CID OHV 16V V8 GMC; Oldsmobile VIN Code: 'J' (1975-1977)			3.880"/98.4mm x 3.750"/95.2mm				148
Connecting Rod Bearing Pair (8)	AL-5	CB-610A	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Pair (8)	AL-5	CB-1878A-10	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-684P	STD,10,20,30	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
For Years: 1975 - 1976								
Connecting Rod Bearing Pair (8)	TM-77	CB-610P-1		1.9995/2.0050	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-610A(8)	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-1878A-10(8)	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-684P(8)	STD,10,20	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
For Years: 1975 - 1976								
Main Bearing Set	TM-77	MS-805P	STD,10,20					
1		MB-2365P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
2-4		MB-2251P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
3		MB-2252P(F)		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	1.1950
5		MB-2253P		2.4985/2.4995	0.0014/0.0044	0.0932	2.6870/2.6880	1.6290
For Years: 1975 - 1976								
Camshaft Bearing Set	B-1	SH-1361S	STD					
1		SH-1360		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.7550
2-3-4-5		SH-1361		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.6250
Camshaft Bearing Set	B-1	SH-1354S	STD					
1		SH-1354		2.0365/2.0373	0.0015/0.0050	0.0646	2.1680/2.1695	0.6930
2		SH-1355		2.0165/2.0173	0.0015/0.0050	0.0646	2.1480/2.1495	0.6930
3		SH-1356		1.9965/1.9973	0.0015/0.0050	0.0646	2.1280/2.1295	0.6930
4		SH-1357		1.9765/1.9773	0.0015/0.0050	0.0646	2.1080/2.1095	0.6930
5		SH-1358		1.9565/1.9573	0.0015/0.0050	0.0646	2.0880/2.0895	0.6930
For Year: 1975								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
149	5.7L 5733 CC 350 CID OHV 16V V8 GMC			3.880"/98.4mm x 3.750"/95.3mm			149	
VIN Codes: 'A' (1974), 'B' (1974), 'K' (1974), 'N' (1972-1974)								
Connecting Rod Bearing Pair (8) For Year: 1974	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8) For Year: 1974 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-758P	STD,1,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
Connecting Rod Bearing Pair (8) For Year: 1974	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8) For Year: 1974 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	TM-77	CB-1776P-40						
Connecting Rod Bearing Set For Year: 1974	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set For Year: 1974 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
Connecting Rod Bearing Set For Year: 1974	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	TM-77	CB-758P(8)	STD,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
Main Bearing Set 1-2-3-4 5 For Year: 1974	AL-5	MS-909A MB-2508A MB-2509A(F)	STD,1,10,20,30,40	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955	2.6406/2.6416	0.8070 1.7180
Main Bearing Set 1-2-3 4 5 NOTE: Contains Partial Grooved Main Bearings	TM-1	MS-483G MB-1889G MB-1890G(F) MB-1891P	STD,10,20	2.9990/3.0000 2.9990/3.0000 2.9990/3.0000	0.0007/0.0033 0.0007/0.0033 0.0007/0.0038	0.0938	3.1880/3.1890	0.9430 1.1350 1.5950
Main Bearing Set 1-2-3 4 5 NOTE: Contains Full Grooved Bearings	TM-77	MS-496P MB-1917P MB-1918P(F) MB-1891P	STD,10,20,30	2.9990/3.0000 2.9990/3.0000 2.9990/3.0000	0.0007/0.0038 0.0007/0.0038 0.0007/0.0038	0.0938	3.1880/3.1890	0.9430 1.1350 1.5950
Main Bearing Set 1-2-3-4 5 For Year: 1974	TM-77	MS-909P MB-2508P MB-2509P(F)	STD,1,2,10,20,30,40,C60	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955	2.6406/2.6416	0.8070 1.7180
Camshaft Bearing Set 1-2-3-4-5	B-1	SH-292S SH-292	STD	1.8992/1.8997	0.0010/0.0060	0.0644	2.0297/2.0307	0.6800



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
150	5.7L 350 CID OHV 16V V8 GMC; Oldsmobile			3.880"/98.4mm x 3.750"/95.2mm				150
	VIN Code: 'H' (1975-1977)							
Connecting Rod Bearing Pair (8)	AL-5	CB-610A	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Pair (8)	AL-5	CB-1878A-10	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-684P	STD,10,20,30	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
For Years: 1975 - 1976								
Connecting Rod Bearing Pair (8)	TM-77	CB-758P	STD,1,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
For Year: 1975								
Connecting Rod Bearing Pair (8)	TM-77	CB-610P-1		1.9995/2.0050	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-610A(8)	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-1878A-10(8)	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-684P(8)	STD,10,20	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
For Years: 1975 - 1976								
Connecting Rod Bearing Set	TM-77	CB-758P(8)	STD,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
For Year: 1975								
Main Bearing Set	TM-77	MS-805P	STD,10,20					
1		MB-2365P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
2-4		MB-2251P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
3		MB-2252P(F)		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	1.1950
5		MB-2253P		2.4985/2.4995	0.0014/0.0044	0.0932	2.6870/2.6880	1.6290
For Years: 1975 - 1976								
Camshaft Bearing Set	B-1	SH-1361S	STD					
1		SH-1360		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.7550
2-3-4-5		SH-1361		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.6250
Camshaft Bearing Set	B-1	SH-1354S	STD					
1		SH-1354		2.0365/2.0373	0.0015/0.0050	0.0646	2.1680/2.1695	0.6930
2		SH-1355		2.0165/2.0173	0.0015/0.0050	0.0646	2.1480/2.1495	0.6930
3		SH-1356		1.9965/1.9973	0.0015/0.0050	0.0646	2.1280/2.1295	0.6930
4		SH-1357		1.9765/1.9773	0.0015/0.0050	0.0646	2.1080/2.1095	0.6930
5		SH-1358		1.9565/1.9573	0.0015/0.0050	0.0646	2.0880/2.0895	0.6930
For Year: 1975								
151	5.7L 350 CID OHV 16V V8 GMC; Oldsmobile			3.880"/98.4mm x 3.750"/95.2mm				151
	VIN Code: 'P' (1976-1977)							
Connecting Rod Bearing Pair (8)	TM-77	CB-758P	STD,1,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
Connecting Rod Bearing Set	TM-77	CB-758P(8)	STD,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
151 (cont.)	5.7L 350 CID OHV 16V V8 GMC; Oldsmobile VIN Code: 'P' (1976-1977)			3.880"/98.4mm x 3.750"/95.2mm				151 (cont.)
Main Bearing Set 1-2-3-4 5	TM-77	MS-1744P-10 MB-2508P MB-3119P(F)	20	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955	2.6406/2.6416	0.8070 1.7280
For Year: 1977 NOTE: Contains .010in Oversized Length Flanged Bearing								
Main Bearing Set 1 2-4 3 5	TM-77	MS-805P MB-2365P MB-2251P MB-2252P(F) MB-2253P	STD	2.4985/2.4995 2.4985/2.4995 2.4985/2.4995 2.4985/2.4995	0.0006/0.0036 0.0006/0.0036 0.0006/0.0036 0.0014/0.0044	0.0936	2.6870/2.6880	0.9800 0.9800 1.1950 1.6290
For Year: 1977								
152	5.7L 5733 CC 350 CID OHV 16V V8 GMC W7, X7 (1970)			3.880"/98.4mm x 3.750"/95.3mm				152
Connecting Rod Bearing Pair (8)	TM-77	CB-758P	STD,1,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
Connecting Rod Bearing Set	TM-77	CB-758P(8)	STD,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
Main Bearing Set 1-2-3-4 5	AL-5	MS-909A MB-2508A MB-2509A(F)	STD,1,10,20,30,40	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955	2.6406/2.6416	0.8070 1.7180
Main Bearing Set 1-2-3 4 5	TM-1	MS-483G MB-1889G MB-1890G(F) MB-1891P	STD,10,20	2.9990/3.0000 2.9990/3.0000 2.9990/3.0000	0.0007/0.0033 0.0007/0.0033 0.0007/0.0038	0.0938	3.1880/3.1890	0.9430 1.1350 1.5950
NOTE: Contains Partial Grooved Main Bearings								
Main Bearing Set 1-2-3 4 5	TM-77	MS-496P MB-1917P MB-1918P(F) MB-1891P	STD,10,20,30	2.9990/3.0000 2.9990/3.0000 2.9990/3.0000	0.0007/0.0038 0.0007/0.0038 0.0007/0.0038	0.0938	3.1880/3.1890	0.9430 1.1350 1.5950
NOTE: Contains Full Grooved Bearings								
Main Bearing Set 1-2-3-4 5	TM-77	MS-909P MB-2508P MB-2509P(F)	STD,1,2,10,20,30,40,C60	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955	2.6406/2.6416	0.8070 1.7180
153	5.7L 5733 CC 350 CID OHV 16V V8 GMC WC, WD, WK, WZ, XS, XV (1968-1969)			3.880"/98.4mm x 3.750"/95.3mm				153
Connecting Rod Bearing Pair (8)	TM-77	CB-758P	STD,1,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
Connecting Rod Bearing Set	TM-77	CB-758P(8)	STD,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
Main Bearing Set 1-2-3 4 5	TM-1	MS-483G MB-1889G MB-1890G(F) MB-1891P	STD,10,20	2.9990/3.0000 2.9990/3.0000 2.9990/3.0000	0.0007/0.0033 0.0007/0.0033 0.0007/0.0038	0.0938	3.1880/3.1890	0.9430 1.1350 1.5950
NOTE: Contains Partial Grooved Main Bearings								
Main Bearing Set 1-2-3 4 5	TM-77	MS-496P MB-1917P MB-1918P(F) MB-1891P	STD,10,20,30	2.9990/3.0000 2.9990/3.0000 2.9990/3.0000	0.0007/0.0038 0.0007/0.0038 0.0007/0.0038	0.0938	3.1880/3.1890	0.9430 1.1350 1.5950
NOTE: Contains Full Grooved Bearings								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
153 (cont.)	5.7L 5733 CC 350 CID OHV 16V V8 GMC WC, WD, WK, WM, WV, WZ, XS, XV (1968-1969)			3.880"/98.4mm x 3.750"/95.3mm			153 (cont.)	
Main Bearing Set 1-2-3-4-5-6 7	TM-77	MS-617P MB-3135P MB-2588P(F)	STD,10,20,30,40	2.2980/2.2990 2.2983/2.2993	0.0003/0.0033 0.0006/0.0036	0.0955	2.4906/2.4916	0.8070 1.0090
Main Bearing Set		MS-617A-10	20,30					
154	5.7L 5733 CC 350 CID OHV 16V V8 GMC WN, WP, WR, WU, YN (1968-1971)			3.880"/98.4mm x 3.750"/95.3mm			154	
Connecting Rod Bearing Pair (8)	TM-77	CB-758P	STD,1,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
Connecting Rod Bearing Set	TM-77	CB-758P(8)	STD,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
Main Bearing Set 1-2-3-4 5	AL-5	MS-909A MB-2508A MB-2509A(F)	STD,1,10,20,30,40	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955	2.6406/2.6416	0.8070 1.7180
For Years: 1970 - 1971								
Main Bearing Set 1-2-3 4 5	TM-1	MS-483G MB-1889G MB-1890G(F) MB-1891P	STD,10,20	2.9990/3.0000 2.9990/3.0000 2.9990/3.0000	0.0007/0.0033 0.0007/0.0033 0.0007/0.0038	0.0938	3.1880/3.1890	0.9430 1.1350 1.5950
NOTE: Contains Partial Grooved Main Bearings								
Main Bearing Set 1-2-3 4 5	TM-77	MS-496P MB-1917P MB-1918P(F) MB-1891P	STD,10,20,30	2.9990/3.0000 2.9990/3.0000 2.9990/3.0000	0.0007/0.0038 0.0007/0.0038 0.0007/0.0038	0.0938	3.1880/3.1890	0.9430 1.1350 1.5950
NOTE: Contains Full Grooved Bearings								
Main Bearing Set 1-2-3-4-5-6 7	TM-77	MS-617P MB-3135P MB-2588P(F)	STD,10,20,30,40	2.2980/2.2990 2.2983/2.2993	0.0003/0.0033 0.0006/0.0036	0.0955	2.4906/2.4916	0.8070 1.0090
For Years: 1968 - 1969								
Main Bearing Set 1-2-3-4 5	TM-77	MS-909P MB-2508P MB-2509P(F)	STD,1,2,10,20,30,40,C60	2.4483/2.4493 2.4478/2.4488	0.0006/0.0036 0.0011/0.0041	0.0955	2.6406/2.6416	0.8070 1.7180
For Years: 1970 - 1971								
Main Bearing Set		MS-617A-10	20,30					
For Years: 1968 - 1969								
155	5.7L 350 CID OHV 16V V8 GMC; Chevrolet VIN Codes: 'G' (1997-2004), 'S' (2001-2004)			3.900"/99.0mm x 3.620"/92.0mm			155	
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
155 (cont.)	5.7L 350 CID OHV 16V V8 GMC; Chevrolet VIN Codes: 'G' (1997-2004), 'S' (2001-2004)			3.900"/99.0mm x 3.620"/92.0mm				155 (cont.)
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set		MS-2199A	STD,10,20,30					
		MB3592ALLSTD						
		MB3592ALUSTD						
1-2-4-5		MB-3591A		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592A(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
Main Bearing Set	AL-5	MS-2366A-10						
1,2,3,4		MB4031A10		2.5488/2.5493	0.0002/0.0019	0.1107	2.7709/2.7715	0.8050
5		MB4032AF10			0.0002/0.0019	0.1107	2.7709/2.7715	1.0275
NOTE: .020in Oversize Housing Bore								
Main Bearing Set	TM-77	MS-2199P	STD,10,20					
1-2-4-5		MB-3591P		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592P(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
Camshaft Bearing Set	B-1	SH-1814S	STD					
1-5		SH-1814		2.1650/2.1670	0.0011/0.0063	0.0790	2.3260/2.3280	0.6350
2-4		SH-1815		2.1650/2.1670	0.0011/0.0063	0.0740	2.3161/2.3181	0.6350
3		SH-1816		2.1650/2.1670	0.0011/0.0063	0.0692	2.3063/2.3083	0.6350
For Years: 1997 - 2003								
NOTE: 2003, 1st Design, Position Number 1 And 5 Housing Bore Is 2.3260in/2.3280in								
Camshaft Bearing Set	B-1	SH-2125S	STD					
1-5		SH-1995A		2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800
2-4		SH-2124		2.1650/2.1670	0.0010/0.0062	0.0799	2.3276/2.3295	0.7800
3		SH-2125		2.1650/2.1670	0.0010/0.0062	0.0700	2.3079/2.3098	0.7800
For Years: 2003 - 2004								
NOTE: 2003, 2nd Design, Position Number 1 And 5 Housing Bore Is 2.3460in/2.3480in, Non Coated								
Camshaft Bearing Set	B-1	SH-2199S	STD					
For Years: 2003 - 2004								
NOTE: 2003, 2nd Design, Position Number 1 And 5 Housing Bore Is 2.3460in/2.3480in, Coated								
156	5.7L 5736 CC 350 CID OHV 16V V8 GMC; Chevrolet VIN Code: 'T' (1974)			4.000"/101.6mm x 3.480"/88.4mm				156
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
156 (cont.)	5.7L 5736 CC 350 CID OHV 16V V8 GMC; Chevrolet VIN Code: 'T' (1974)			4.000"/101.6mm x 3.480"/88.4mm				156 (cont.)
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set 1-2-3-4	AL-5	MS-909A MB-2508A	STD,1,10,20,30,40	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2509A(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
Main Bearing Set 1-2-3-4	TM-77	MS-909P MB-2508P	STD,1,2,10,20,30,40,C60	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
Camshaft Bearing Set 1-2-3-4-5	B-2	SH-1796S SH-1351	STD	1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
NOTE: Oversize Align Bored Blocks With Housing Bore Diameter 1.9990/2.0010								
157	5.7L 5736 CC 350 CID OHV 16V V8 GMC VIN Code: 'E' (1969-1972)			4.000"/101.6mm x 3.480"/88.4mm				157
	5.7L 5737 CC 350 CID OHV 16V V8 GMC; Chevrolet VIN Codes: 'L' (1972, 1974), 'T' (1974), 'V' (1973-1974)			4.000"/101.6mm x 3.480"/88.4mm				
	5.7L 350 CID OHV 16V V8 GMC; Chevrolet VIN Codes: 'J' (1975), 'T' (1975)			4.000"/101.6mm x 3.480"/88.4mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set 1-2-3-4	AL-5	MS-909A MB-2508A	STD,1,10,20,30,40	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2509A(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
157 (cont.)	5.7L 5736 CC 350 CID OHV 16V V8 GMC VIN Code: 'E' (1969-1972)			4.000"/101.6mm x 3.480"/88.4mm				157 (cont.)
	5.7L 5737 CC 350 CID OHV 16V V8 GMC; Chevrolet VIN Codes: 'L' (1972, 1974), 'T' (1974), 'V' (1973-1974)			4.000"/101.6mm x 3.480"/88.4mm				
	5.7L 350 CID OHV 16V V8 GMC; Chevrolet VIN Codes: 'J' (1975), 'T' (1975)			4.000"/101.6mm x 3.480"/88.4mm				
Main Bearing Set	TM-77	MS-909P	STD,1,2,10,20,30,40,C60					
1-2-3-4		MB-2508P		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
Camshaft Bearing Set	B-1	SH-290S	STD,10					
1		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
2-5		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
3-4		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
For Years: 1972 - 1975								
Camshaft Bearing Set	B-2	SH-1349S	STD					
1		SH-1349		1.8682/1.8692	0.0010/0.0048	0.0744	2.0190/2.0210	0.7450
2-5		SH-1350		1.8682/1.8692	0.0010/0.0048	0.0694	2.0090/2.0110	0.7450
3-4		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
For Years: 1972 - 1975								
NOTE: Heavy Duty Engine								
Camshaft Bearing Set	B-2	SH-1796S	STD					
1-2-3-4-5		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
For Years: 1972 - 1975								
NOTE: Oversize Align Bored Blocks With Housing Bore Diameter 1.9990/2.0010								
158	5.7L 350 CID OHV 16V V8 GMC; Chevrolet VIN Code: 'L' (1975-1988)			4.000"/101.6mm x 3.480"/88.4mm				158
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
158 (cont.)	5.7L 350 CID OHV 16V V8 GMC; Chevrolet			4.000"/101.6mm x 3.480"/88.4mm					158 (cont.)
VIN Code: 'L' (1975-1988)									
Main Bearing Set	TM-77	MS-805P	STD,10,20						
1		MB-2365P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800	
2-4		MB-2251P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800	
3		MB-2252P(F)		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	1.1950	
5		MB-2253P		2.4985/2.4995	0.0014/0.0044	0.0932	2.6870/2.6880	1.6290	
For Year: 1978									
Main Bearing Set	AL-5	MS-909A	STD,1,10,20,30,40						
1-2-3-4		MB-2508A		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070	
5		MB-2509A(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180	
Main Bearing Set	TM-77	MS-909P	STD,1,2,10,20,30,40,C60						
1-2-3-4		MB-2508P		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070	
5		MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180	
Main Bearing Set	TM-77	MS-1744P-10	20						
1-2-3-4		MB-2508P		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070	
5		MB-3119P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7280	
NOTE: Contains .010in Oversized Length Flanged Bearing									
Camshaft Bearing Set	B-1	SH-290S	STD,10						
1		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500	
2-5		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500	
3-4		SH-287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500	
Camshaft Bearing Set	B-2	SH-1349S	STD						
1		SH-1349		1.8682/1.8692	0.0010/0.0048	0.0744	2.0190/2.0210	0.7450	
2-5		SH-1350		1.8682/1.8692	0.0010/0.0048	0.0694	2.0090/2.0110	0.7450	
3-4		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450	
NOTE: Heavy Duty Engine									
Camshaft Bearing Set	B-2	SH-1796S	STD						
1-2-3-4-5		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450	
NOTE: Oversize Align Bored Blocks With Housing Bore Diameter 1.9990/2.0010									
159	5.7L 350 CID OHV 16V V8 GMC			4.000"/101.6mm x 3.480"/88.4mm					159
VIN Code: 'K' (1989)									
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40							
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
159 (cont.)	5.7L 350 CID OHV 16V V8 GMC VIN Code: 'K' (1989)			4.000"/101.6mm x 3.480"/88.4mm				159 (cont.)
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set 1-2-3-4	TM-77	MS-1744P-10	20	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2508P		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7280
NOTE: Contains .010in Oversized Length Flanged Bearing								
Camshaft Bearing Set 1	B-1	SH-290S	STD,10	1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
2-5		SH-290		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
3-4		SH-288		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
Camshaft Bearing Set 1	B-2	SH-1349S	STD	1.8682/1.8692	0.0010/0.0048	0.0744	2.0190/2.0210	0.7450
2-5		SH-1349		1.8682/1.8692	0.0010/0.0048	0.0694	2.0090/2.0110	0.7450
3-4		SH-1350		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
NOTE: Heavy Duty Engine								
Camshaft Bearing Set 1-2-3-4-5	B-2	SH-1796S	STD	1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
NOTE: Oversize Align Bored Blocks With Housing Bore Diameter 1.9990/2.0010								
160	5.7L 350 CID OHV 16V V8 GMC; Chevrolet (1995-2007)			4.000"/101.6mm x 3.480"/88.4mm				160
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set 1-2-3-4	AL-5	MS-909A	STD,1,10,20,30,40	2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
5		MB-2508A		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
		MB-2509A(F)						
For Years: 1995 - 2002								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
160 (cont.)	5.7L 350 CID OHV 16V V8 GMC; Chevrolet (1995-2007)			4.000"/101.6mm x 3.480"/88.4mm				160 (cont.)
Main Bearing Set		MS-2199A	STD,10,20,30					
		MB3592ALLSTD						
		MB3592ALUSTD						
1-2-4-5		MB-3591A		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592A(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
For Years: 1999 - 2007								
Main Bearing Set	AL-5	MS-2366A-10						
		MB4031A10		2.5488/2.5493	0.0002/0.0019	0.1107	2.7709/2.7715	0.8050
1,2,3,4		MB4032AF10			0.0002/0.0019	0.1107	2.7709/2.7715	1.0275
5								
For Years: 1999 - 2007								
NOTE: .020in Oversize Housing Bore								
Main Bearing Set	TM-77	MS-909P	STD,1,2,10,20,30,40,C60					
		MB-2508P		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
1-2-3-4		MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
5								
For Years: 1995 - 2002								
Main Bearing Set	TM-77	MS-1744P-10	20					
		MB-2508P		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
1-2-3-4		MB-3119P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7280
5								
For Years: 1995 - 2002								
NOTE: Contains .010in Oversized Length Flanged Bearing								
Main Bearing Set	TM-77	MS-2199P	STD,10,20					
		MB-3591P		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
1-2-4-5		MB-3592P(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
3								
For Years: 1999 - 2007								
Camshaft Bearing Set	B-1	SH-290S	STD,10					
		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
1		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
2-5		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
3-4								
For Years: 1995 - 2002								
Camshaft Bearing Set	B-2	SH-1349S	STD					
		SH-1349		1.8682/1.8692	0.0010/0.0048	0.0744	2.0190/2.0210	0.7450
1		SH-1350		1.8682/1.8692	0.0010/0.0048	0.0694	2.0090/2.0110	0.7450
2-5		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
3-4								
For Years: 1995 - 2002								
NOTE: Heavy Duty Engine								
Camshaft Bearing Set	B-2	SH-1796S	STD					
		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
1-2-3-4-5								
For Years: 1995 - 2002								
NOTE: Oversize Align Bored Blocks With Housing Bore Diameter 1.9990/2.0010								
Camshaft Bearing Set	B-1	SH-1814S	STD					
		SH-1814		2.1650/2.1670	0.0011/0.0063	0.0790	2.3260/2.3280	0.6350
1-5		SH-1815		2.1650/2.1670	0.0011/0.0063	0.0740	2.3161/2.3181	0.6350
2-4		SH-1816		2.1650/2.1670	0.0011/0.0063	0.0692	2.3063/2.3083	0.6350
3								
For Years: 1998 - 2002								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
160 (cont.)	5.7L 350 CID OHV 16V V8 GMC; Chevrolet (1995-2007)			4.000"/101.6mm x 3.480"/88.4mm				160 (cont.)
Camshaft Bearing Set	B-2	SH-2160S	STD					
For Years: 1999 - 2002								
161 (cont.)	5.7L 350 CID OHV 16V V8 GMC; Oldsmobile VIN Code: 'N' (1978-1985)			4.000"/101.6mm x 3.480"/88.4mm				161 (cont.)
Connecting Rod Bearing Pair (8)	TM-77	CB-684P	STD,10,20,30	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
Connecting Rod Bearing Set	TM-77	CB-684P(8)	STD,10,20	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
Main Bearing Set	TM-77	MS-805P	STD					
1		MB-2365P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
2-4		MB-2251P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
3		MB-2252P(F)		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	1.1950
5		MB-2253P		2.4985/2.4995	0.0014/0.0044	0.0932	2.6870/2.6880	1.6290
For Years: 1978 - 1979								
Main Bearing Set	TM-77	MS-804P	STD,10,20					
1		MB-2362P		2.9993/3.0003	0.0008/0.0038	0.0936	3.1880/3.1890	0.9800
2-4		MB-2163P		2.9993/3.0003	0.0008/0.0038	0.0936	3.1880/3.1890	0.9790
3		MB-2363P(F)		2.9993/3.0003	0.0008/0.0038	0.0936	3.1880/3.1890	1.1950
5		MB-2364P		2.9993/3.0003	0.0016/0.0049	0.0932	3.1880/3.1890	1.6290
Camshaft Bearing Set	B-1	SH-1355S	STD					
1		SH-1359		2.0365/2.0373	0.0015/0.0050	0.0646	2.1680/2.1695	0.6930
2		SH-1355		2.0165/2.0173	0.0015/0.0050	0.0646	2.1480/2.1495	0.6930
3		SH1356		1.9965/1.9973	0.0015/0.0050	0.0646	2.1280/2.1295	0.6930
4		SH-1357		1.9765/1.9773	0.0015/0.0050	0.0646	2.1080/2.1095	0.6930
5		SH-1358		1.9565/1.9573	0.0015/0.0050	0.0646	2.0880/2.0895	0.6930
162 (cont.)	5.7L 350 CID OHV 16V V8 GMC; Oldsmobile VIN Code: 'G' (1977)			4.000"/101.6mm x 3.480"/88.4mm				162 (cont.)
Connecting Rod Bearing Set	TM-77	CB-684P(8)	STD,10,20	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
Camshaft Bearing Set	B-1	SH-1355S	STD					
1		SH-1359		2.0365/2.0373	0.0015/0.0050	0.0646	2.1680/2.1695	0.6930
2		SH-1355		2.0165/2.0173	0.0015/0.0050	0.0646	2.1480/2.1495	0.6930
3		SH1356		1.9965/1.9973	0.0015/0.0050	0.0646	2.1280/2.1295	0.6930
4		SH-1357		1.9765/1.9773	0.0015/0.0050	0.0646	2.1080/2.1095	0.6930
5		SH-1358		1.9565/1.9573	0.0015/0.0050	0.0646	2.0880/2.0895	0.6930
163 (cont.)	5.7L 350 CID OHV 16V V8 GMC; Oldsmobile VIN Code: 'Z' (1978-1981)			4.060"/103.0mm x 3.390"/86.0mm				163 (cont.)
Connecting Rod Bearing Pair (8)	TM-77	CB-684P	STD,10,20,30	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
Connecting Rod Bearing Set	TM-77	CB-684P(8)	STD,10,20	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
Main Bearing Set	TM-77	MS-804P	STD,10,20					
1		MB-2362P		2.9993/3.0003	0.0008/0.0038	0.0936	3.1880/3.1890	0.9800
2-4		MB-2163P		2.9993/3.0003	0.0008/0.0038	0.0936	3.1880/3.1890	0.9790
3		MB-2363P(F)		2.9993/3.0003	0.0008/0.0038	0.0936	3.1880/3.1890	1.1950
5		MB-2364P		2.9993/3.0003	0.0016/0.0049	0.0932	3.1880/3.1890	1.6290



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
163 (cont.)	5.7L 350 CID OHV 16V V8 GMC; Oldsmobile VIN Code: 'Z' (1978-1981)			4.060"/103.0mm x 3.390"/86.0mm				163 (cont.)
Camshaft Bearing Set	B-1	SH-1355S	STD					
1		SH-1359		2.0365/2.0373	0.0015/0.0050	0.0646	2.1680/2.1695	0.6930
2		SH-1355		2.0165/2.0173	0.0015/0.0050	0.0646	2.1480/2.1495	0.6930
3		SH1356		1.9965/1.9973	0.0015/0.0050	0.0646	2.1280/2.1295	0.6930
4		SH-1357		1.9765/1.9773	0.0015/0.0050	0.0646	2.1080/2.1095	0.6930
5		SH-1358		1.9565/1.9573	0.0015/0.0050	0.0646	2.0880/2.0895	0.6930
164	5.7L 5733 CC 350 CID OHV 16V V8 GMC VIN Codes: 'H' (1972-1973), 'K' (1972-1974), 'M' (1972-1974), 'R' (1972-1974)			4.060"/103.0mm x 3.380"/86.0mm				164
	5.7L 350 CID OHV 16V V8 GMC; Oldsmobile VIN Codes: 'K' (1975), 'R' (1976-1977)			4.060"/103.0mm x 3.390"/86.0mm				
	5.7L 5737 CC 350 CID OHV 16V V8 GMC; Oldsmobile VIN Codes: 'H' (1972-1973), 'K' (1972-1974), 'R' (1968-1971)			4.060"/103.0mm x 3.390"/86.0mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-684P	STD,10,20,30	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
Connecting Rod Bearing Set	TM-77	CB-684P(8)	STD,10,20	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
Main Bearing Set	TM-77	MS-805P	STD,10,20					
1		MB-2365P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
2-4		MB-2251P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
3		MB-2252P(F)		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	1.1950
5		MB-2253P		2.4985/2.4995	0.0014/0.0044	0.0932	2.6870/2.6880	1.6290
Camshaft Bearing Set	B-1	SH-1354S	STD					
1		SH-1354		2.0365/2.0373	0.0015/0.0050	0.0646	2.1680/2.1695	0.6930
2		SH-1355		2.0165/2.0173	0.0015/0.0050	0.0646	2.1480/2.1495	0.6930
3		SH1356		1.9965/1.9973	0.0015/0.0050	0.0646	2.1280/2.1295	0.6930
4		SH-1357		1.9765/1.9773	0.0015/0.0050	0.0646	2.1080/2.1095	0.6930
5		SH-1358		1.9565/1.9573	0.0015/0.0050	0.0646	2.0880/2.0895	0.6930
For Years: 1968 - 1976								
165	5.7L 350 CID OHV 16V V8 GMC; Oldsmobile VIN Code: '8' (1980)			4.060"/103.0mm x 3.390"/86.0mm				165
	5.7L 5733 CC 350 CID OHV 16V V8 GMC QA, QB, QC, QD, QI, QJ, QN, QO, QP, QV, QW, QX, TB, TE, TL, TN (1968-1971)			4.060"/103.0mm x 3.380"/86.0mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-684P	STD,10,20,30	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
Connecting Rod Bearing Set	TM-77	CB-684P(8)	STD,10,20	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
Main Bearing Set	TM-77	MS-805P	STD,10,20					
1		MB-2365P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
2-4		MB-2251P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
3		MB-2252P(F)		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	1.1950
5		MB-2253P		2.4985/2.4995	0.0014/0.0044	0.0932	2.6870/2.6880	1.6290
166	5.7L 350 CID OHV 16V V8 GMC; Oldsmobile VIN Code: 'R' (1976-1980)			4.060"/103.0mm x 3.390"/86.0mm				166
Connecting Rod Bearing Pair (8)	TM-77	CB-684P	STD,10,20,30	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
166 (cont.)	5.7L 350 CID OHV 16V V8 GMC; Oldsmobile VIN Code: 'R' (1976-1980)			4.060"/103.0mm x 3.390"/86.0mm				166 (cont.)
Connecting Rod Bearing Set	TM-77	CB-684P(8)	STD,10,20	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
Main Bearing Set	TM-77	MS-805P	STD,10,20					
1		MB-2365P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
2-4		MB-2251P		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	0.9800
3		MB-2252P(F)		2.4985/2.4995	0.0006/0.0036	0.0936	2.6870/2.6880	1.1950
5		MB-2253P		2.4985/2.4995	0.0014/0.0044	0.0932	2.6870/2.6880	1.6290
Camshaft Bearing Set	B-1	SH-292S	STD					
1-2-3-4-5		SH-292		1.8992/1.8997	0.0010/0.0060	0.0644	2.0297/2.0307	0.6800
For Year: 1977								
Camshaft Bearing Set	B-1	SH-1354S	STD					
1		SH-1354		2.0365/2.0373	0.0015/0.0050	0.0646	2.1680/2.1695	0.6930
2		SH-1355		2.0165/2.0173	0.0015/0.0050	0.0646	2.1480/2.1495	0.6930
3		SH1356		1.9965/1.9973	0.0015/0.0050	0.0646	2.1280/2.1295	0.6930
4		SH-1357		1.9765/1.9773	0.0015/0.0050	0.0646	2.1080/2.1095	0.6930
5		SH-1358		1.9565/1.9573	0.0015/0.0050	0.0646	2.0880/2.0895	0.6930
For Year: 1976								
Camshaft Bearing Set	B-1	SH-1355S	STD					
1		SH-1359		2.0365/2.0373	0.0015/0.0050	0.0646	2.1680/2.1695	0.6930
2		SH-1355		2.0165/2.0173	0.0015/0.0050	0.0646	2.1480/2.1495	0.6930
3		SH1356		1.9965/1.9973	0.0015/0.0050	0.0646	2.1280/2.1295	0.6930
4		SH-1357		1.9765/1.9773	0.0015/0.0050	0.0646	2.1080/2.1095	0.6930
5		SH-1358		1.9565/1.9573	0.0015/0.0050	0.0646	2.0880/2.0895	0.6930
For Years: 1977 - 1980								
167	5.7L 350 CID DOHC 32V V8 GMC; Chevrolet VIN Code: 'J' (1994-1995)			3.900"/99.0mm x 3.660"/92.9mm				167
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
167 (cont.)	5.7L 350 CID DOHC 32V V8 GMC; Chevrolet VIN Code: 'J' (1994-1995)			3.900"/99.0mm x 3.660"/92.9mm				167 (cont.)
Camshaft Bearing Set	B-1	SH-290S	STD,10					
1		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
2-5		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
3-4		SH-287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
168	6.0L 5967 CC 364 CID OHV 16V V8 GMC; Vortec VIN Code: 'U' (2002)			4.000"/101.6mm x 3.620"/92.0mm				168
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set		MS-2199A	STD,10,20,30					
		MB3592ALLSTD						
		MB3592ALUSTD						
1-2-4-5		MB-3591A		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592A(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
Main Bearing Set	AL-5	MS-2366A-10						
1,2,3,4		MB4031A10		2.5488/2.5493	0.0002/0.0019	0.1107	2.7709/2.7715	0.8050
5		MB4032AF10			0.0002/0.0019	0.1107	2.7709/2.7715	1.0275
NOTE: .020in Oversize Housing Bore								
Main Bearing Set	TM-77	MS-2199P	STD,10,20					
1-2-4-5		MB-3591P		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592P(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
Camshaft Bearing Set	B-1	SH-1814S	STD					
1-5		SH-1814		2.1650/2.1670	0.0011/0.0063	0.0790	2.3260/2.3280	0.6350
2-4		SH-1815		2.1650/2.1670	0.0011/0.0063	0.0740	2.3161/2.3181	0.6350
3		SH-1816		2.1650/2.1670	0.0011/0.0063	0.0692	2.3063/2.3083	0.6350
Camshaft Bearing Set	B-2	SH-2160S	STD					
169	6.0L 5967 CC 364 CID OHV 16V V8 GMC L96, LC8; Vortec VIN Codes: 'B' (2011-2013), 'G' (2014-2015)			4.000"/101.6mm x 3.620"/92.0mm				169
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
For Years: 2011 - 2014								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
169 (cont.)	6.0L 5967 CC 364 CID OHV 16V V8 GMC L96, LC8; Vortec			4.000"/101.6mm x 3.620"/92.0mm			169 (cont.)	
VIN Codes: 'B' (2011-2013), 'G' (2014-2015)								
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
For Years: 2011 - 2014								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
For Years: 2011 - 2014								
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
For Years: 2011 - 2014								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
For Years: 2011 - 2014								
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
For Years: 2011 - 2014								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
For Years: 2011 - 2014								
Main Bearing Set		MS-2199A	STD,10,20,30					
		MB3592ALLSTD						
		MB3592ALUSTD						
1-2-4-5		MB-3591A		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592A(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
Main Bearing Set	TM-77	MS-2199P	STD,10,20					
1-2-4-5		MB-3591P		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592P(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
170	6.0L 5967 CC 364 CID OHV 16V V8 GMC LQ4; Vortec			4.000"/101.6mm x 3.620"/92.0mm			170	
VIN Code: 'U' (2004, 2007)								
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
170 (cont.)	6.0L 5967 CC 364 CID OHV 16V V8 GMC LQ4; Vortec VIN Code: 'U' (2004, 2007)			4.000"/101.6mm x 3.620"/92.0mm				170 (cont.)
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set		MS-2199A MB3592ALLSTD MB3592ALUSTD	STD,10,20,30					
1-2-4-5		MB-3591A		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592A(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
Main Bearing Set	AL-5	MS-2366A-10 MB4031A10 MB4032AF10		2.5488/2.5493	0.0002/0.0019	0.1107	2.7709/2.7715	0.8050
1,2,3,4					0.0002/0.0019	0.1107	2.7709/2.7715	1.0275
5								
NOTE: .020in Oversize Housing Bore								
Main Bearing Set	TM-77	MS-2199P MB-3591P MB-3592P(F)	STD,10,20	2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
1-2-4-5				2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
3								
Camshaft Bearing Set	B-1	SH-2125S SH-1995A SH-2124 SH-2125	STD	2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800
1-5				2.1650/2.1670	0.0010/0.0062	0.0799	2.3276/2.3295	0.7800
2-4				2.1650/2.1670	0.0010/0.0062	0.0700	2.3079/2.3098	0.7800
3								
NOTE: Non Coated								
Camshaft Bearing Set	B-1	SH-2199S	STD					
NOTE: Coated								
171	6.0L 5967 CC 364 CID OHV 16V V8 GMC (1959)			4.130"/104.8mm x 3.390"/86.1mm				171
	6.6L 6572 CC 401 CID OHV 16V V8 GMC 4G, 4I, JT, LT, MT (1959-1966)			4.190"/106.4mm x 3.640"/92.5mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-762P	STD,10,20,30	2.2500	0.0032	0.0619	2.3745	0.8260
Camshaft Bearing Set	B-1	SH-361S SH-361 SH-506 SH-363 SH-364 SH-365	STD	1.7850/1.7860	0.0010/0.0060	0.0643	1.9155/1.9175	0.7600
1				1.7550/1.7560	0.0010/0.0060	0.0643	1.8855/1.8875	0.7600
2				1.7250/1.7260	0.0010/0.0060	0.0643	1.8555/1.8575	0.7600
3				1.6950/1.6960	0.0010/0.0060	0.0643	1.8255/1.8275	0.7600
4				1.6650/1.6660	0.0010/0.0060	0.0643	1.7955/1.7975	0.7600
5								
172	6.0L 5972 CC 365 CID OHV 16V V8 GMC (1956-1958)			4.000"/101.6mm x 3.630"/92.1mm				172
Connecting Rod Bearing Pair (8)		CB-472P	STD,10,20	2.2488/2.2493	0.0003/0.0023	0.0622	2.3740/2.3745	0.7910
Camshaft Bearing Set	B-1	SH-277S SH-277 SH-278	STD	1.7500/1.7507	0.0005/0.0040	0.0640	1.8792/1.8802	0.7600
1-2-3-4				1.4375/1.4382	0.0005/0.0040	0.0645	1.5671/1.5687	0.8850
5								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
173	6.0L 368 CID OHV 16V V8 GMC; Cadillac VIN Codes: '6' (1980-1984), '9' (1980-1984)						3.800"/96.5mm x 4.060"/103.1mm	173
	7.0L 425 CID OHV 16V V8 GMC; Cadillac VIN Codes: 'S' (1977-1979), 'T' (1977-1979)						4.080"/103.7mm x 4.060"/103.1mm	
	7.7L 7735 CC 472 CID OHV 16V V8 GMC VIN Codes: '0' (1970), '1' (1971), '8' (1968), '9' (1969), 'R' (1972-1974)						4.300"/109.2mm x 4.060"/103.1mm	
	8.2L 8193 CC 500 CID OHV 16V V8 GMC VIN Codes: '0' (1970), 'S' (1972-1974)						4.300"/109.2mm x 4.300"/109.2mm	
	8.2L 8195 CC 500 CID OHV 16V V8 GMC; Cadillac VIN Code: 'S' (1972-1974)						4.300"/109.2mm x 4.300"/109.2mm	
	8.2L 500 CID OHV 16V V8 GMC; Cadillac VIN Code: 'S' (1975-1976)						4.300"/109.2mm x 4.300"/109.2mm	
Connecting Rod Bearing Pair (8)	TM-77	CB-542P	STD,10,20,30,40	2.4988/2.4998	0.0007/0.0032	0.0620	2.6245/2.6250	0.8310
Connecting Rod Bearing Set	TM-77	CB-542P(8)	STD,10,20,30,40	2.4988/2.4998	0.0007/0.0032	0.0620	2.6245/2.6250	0.8310
Main Bearing Set	TM-77	MS-970AL	STD,10					
2-4		MB-2536AL		3.2490/3.2500	0.0006/0.0033	0.0940	3.4383/3.4390	1.0670
3		MB-2537AL(F)		3.2490/3.2500	0.0006/0.0033	0.0940	3.4383/3.4390	1.2590
5		MB-2538AL		3.2490/3.2500	0.0006/0.0033	0.0940	3.4383/3.4390	1.1950
Camshaft Bearing Set	B-1	SH-530S	STD					
1-2-3-4-5		SH-530		1.7500/1.7507	0.0005/0.0042	0.0640	1.8792/1.8802	0.6300
174	6.1L 6081 CC 371 CID OHV 16V V8 GMC (1959-1960)						4.000"/101.6mm x 3.690"/93.7mm	174
Connecting Rod Bearing Pair (8)	TM-77	CB-542P	STD,10,20,30,40	2.4988/2.4998	0.0007/0.0032	0.0620	2.6245/2.6250	0.8310
Connecting Rod Bearing Pair (8)	TM-77	CB-1286P	STD,.026mm,.25mm,.50mm,.75mm	2.3982/2.3992	0.0014/0.0044	0.0620	2.5246/2.5256	0.9020
For Year: 1959								
Connecting Rod Bearing Set	TM-77	CB-542P(8)	STD,10,20,30,40	2.4988/2.4998	0.0007/0.0032	0.0620	2.6245/2.6250	0.8310
Connecting Rod Bearing Set	TM-77	CB-1286P(8)	STD,.25mm,.50mm,.75mm	2.3982/2.3992	0.0014/0.0044	0.0620	2.5246/2.5256	0.9020
For Year: 1959								
175	6.1L 6081 CC 371 CID OHV 16V V8 GMC CE, CH (1959-1960)						4.000"/101.6mm x 3.690"/93.7mm	175
	6.5L 6458 CC 394 CID OHV 16V V8 GMC F, FE, FL, G, GE, GS, H, HE, HL, JE, JS (1961-1964)						4.130"/104.8mm x 3.690"/93.7mm	
Connecting Rod Bearing Pair (8)	TM-77	CB-542P	STD,10,20,30,40	2.4988/2.4998	0.0007/0.0032	0.0620	2.6245/2.6250	0.8310
Connecting Rod Bearing Set	TM-77	CB-542P(8)	STD,10,20,30,40	2.4988/2.4998	0.0007/0.0032	0.0620	2.6245/2.6250	0.8310
176	6.2L 6162 CC 376 CID OHV 16V V8 GMC L94 (2011-2013)						4.060"/103.2mm x 3.620"/92.0mm	176
Main Bearing Set		MS-2199A	STD,10,20,30					
		MB3592ALLSTD						
		MB3592ALUSTD						
1-2-4-5		MB-3591A		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592A(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
176 (cont.)	6.2L 6162 CC 376 CID OHV 16V V8 GMC L94 (2011-2013)			4.060"/103.2mm x 3.620"/92.0mm				176 (cont.)
Main Bearing Set 1,2,3,4 5	AL-5	MS-2366A-10 MB4031A10 MB4032AF10		2.5488/2.5493	0.0002/0.0019 0.0002/0.0019	0.1107	2.7709/2.7715 2.7709/2.7715	0.8050 1.0275
For Year: 2011								
NOTE: .020in Oversize Housing Bore								
Main Bearing Set 1-2-4-5 3	TM-77	MS-2199P MB-3591P MB-3592P(F)	STD,10,20	2.5588/2.5593 2.5588/2.5593	0.0002/0.0018 0.0002/0.0018	0.0957	2.7509/2.7515 2.7509/2.7515	0.8050 1.0280
Camshaft Bearing Set For Year: 2011	B-2	SH-2157S	STD					
177	6.2L 6162 CC 376 CID OHV 16V V8 GMC LS9 (2010-2013) VIN Code: 'T'			4.060"/103.2mm x 3.620"/92.0mm				177
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	TM-77	CB-1776P-40						
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set 1-2-4-5 3		MS-2199A MB3592ALLSTD MB3592ALUSTD MB-3591A MB-3592A(F)	STD,10,20,30	2.5588/2.5593 2.5588/2.5593	0.0002/0.0018 0.0002/0.0018	0.0957	2.7509/2.7515 2.7509/2.7515	0.8050 1.0280
For Years: 2010 - 2011								
Main Bearing Set 1,2,3,4 5	AL-5	MS-2366A-10 MB4031A10 MB4032AF10		2.5488/2.5493	0.0002/0.0019 0.0002/0.0019	0.1107	2.7709/2.7715 2.7709/2.7715	0.8050 1.0275
For Years: 2010 - 2011								
NOTE: .020in Oversize Housing Bore								
Main Bearing Set 1-2-4-5 3	TM-77	MS-2199P MB-3591P MB-3592P(F)	STD,10,20	2.5588/2.5593 2.5588/2.5593	0.0002/0.0018 0.0002/0.0018	0.0957	2.7509/2.7515 2.7509/2.7515	0.8050 1.0280
For Years: 2010 - 2011								



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
177 (cont.)	6.2L 6162 CC 376 CID OHV 16V V8 GMC LS9 VIN Code: 'T' (2010-2013)			4.060"/103.2mm x 3.620"/92.0mm				177 (cont.)
Main Bearing Set 1-2-4-5 3 For Year: 2010	MS-2294P MB-3938P MB-3592P(F)		STD,10	2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
Camshaft Bearing Set 1-5 2-4 3 For Years: 2010 - 2011 NOTE: Non Coated	SH-2125S SH-1995A SH-2124 SH-2125		STD	2.1650/2.1670 2.1650/2.1670 2.1650/2.1670	0.0022/0.0074 0.0010/0.0062 0.0010/0.0062	0.0890 0.0799 0.0700	2.3472/2.3492 2.3276/2.3295 2.3079/2.3098	0.7800 0.7800 0.7800
Camshaft Bearing Set For Year: 2011	SH-2157S		STD					
Camshaft Bearing Set For Years: 2010 - 2011 NOTE: Coated	SH-2199S		STD					
178	6.2L 6162 CC 376 CID OHV 16V V8 GMC LSA VIN Code: 'P' (2009-2015)			4.060"/103.2mm x 3.620"/92.0mm				178
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	TM-77	CB-1776P-40						
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set 1-2-4-5 3	MS-2294P MB-3938P MB-3592P(F)		STD,10	2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
Camshaft Bearing Set For Year: 2011	SH-2157S		STD					



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
179	6.2L 379 CID OHV 16V V8 GMC VIN Codes: 'C' (1982-1993), 'J' (1982-1993)				3.980"/101.0mm x 3.820"/97.0mm			179
	6.5L 395 CID OHV 16V V8 GMC VIN Codes: 'F' (1992-2002), 'P' (1994-1995), 'S' (1994-1999), 'Y' (1994-1999)				4.060"/103.0mm x 3.820"/97.0mm			
	6.5L 6468 CC 395 CID OHV 16V V8 GMC L65 VIN Code: 'F' (1999-2002)				4.060"/103.0mm x 3.820"/97.0mm			
Connecting Rod Bearing Pair (8)	TM-77	CB-1286P	STD,.026mm,.25mm,.50mm,.75mm	2.3982/2.3992	0.0014/0.0044	0.0620	2.5246/2.5256	0.9020
Connecting Rod Bearing Set	TM-77	CB-1286P(8)	STD,.25mm,.50mm,.75mm	2.3982/2.3992	0.0014/0.0044	0.0620	2.5246/2.5256	0.9020
Main Bearing Set	TM-77	MS-2091P	STD,.026mm,.25mm,.50mm,.75mm					
1-2-4		MB-3587P		2.9495/2.9504	0.0016/0.0045	0.0955	3.1427/3.1437	0.8970
3		MB-3588P(F)		2.9495/2.9504	0.0016/0.0045	0.0955	3.1427/3.1437	1.1300
5		MB-3589P		2.9493/2.9503	0.0018/0.0047	0.0955	3.1427/3.1437	1.3910
Camshaft Bearing Set	B-1	SH-1366S	STD					
1		SH-1366		2.1644/2.1663	0.0011/0.0062	0.0798	2.3270/2.3290	0.9000
2		SH-1367		2.1644/2.1663	0.0011/0.0062	0.0753	2.3180/2.3200	0.7800
3		SH-1368		2.1644/2.1663	0.0011/0.0062	0.0703	2.3080/2.3100	0.7800
4		SH1369		2.1644/2.1663	0.0011/0.0062	0.0653	2.2980/2.3000	0.7800
5		SH-1370		2.0069/2.0089	0.0011/0.0063	0.0655	2.1410/2.1430	0.7800
Piston Pin Bushing (8)	C-1	223-3576	STD			0.0580	1.3030/1.3045	1.0010
NOTE: OE Replacement, Requires Boring								
180	6.4L 6392 CC 390 CID OHV 16V V8 GMC 06K, 06X, 07K, 0QK, 0QX, 16K, 16X, 17K, 26K, 26X, 37X (1959-1963)				4.000"/101.6mm x 3.880"/98.4mm			180
	7.0L 7031 CC 429 CID OHV 16V V8 GMC 44K, 44X, 46K, 46X, 47K, 47X (1964)				4.130"/104.8mm x 4.000"/101.6mm			
Connecting Rod Bearing Pair (8)		CB-472P	STD,10,20	2.2488/2.2493	0.0003/0.0023	0.0622	2.3740/2.3745	0.7910
181	6.5L 395 CID OHV 16V V8 GMC VIN Code: 'F' (2002)				4.060"/103.0mm x 3.820"/97.0mm			181
Connecting Rod Bearing Pair (8)	TM-77	CB-1286P	STD,.026mm,.25mm,.50mm,.75mm	2.3982/2.3992	0.0014/0.0044	0.0620	2.5246/2.5256	0.9020
Connecting Rod Bearing Set	TM-77	CB-1286P(8)	STD,.25mm,.50mm,.75mm	2.3982/2.3992	0.0014/0.0044	0.0620	2.5246/2.5256	0.9020
Main Bearing Set	TM-77	MS-2091P	STD,.026mm,.25mm,.50mm,.75mm					
1-2-4		MB-3587P		2.9495/2.9504	0.0016/0.0045	0.0955	3.1427/3.1437	0.8970
3		MB-3588P(F)		2.9495/2.9504	0.0016/0.0045	0.0955	3.1427/3.1437	1.1300
5		MB-3589P		2.9493/2.9503	0.0018/0.0047	0.0955	3.1427/3.1437	1.3910
182	6.5L 6489 CC 396 CID OHV 16V V8 GMC (1965-1969)				4.090"/104.3mm x 3.770"/95.7mm			182
	7.0L 6998 CC 427 CID OHV 16V V8 GMC (1966-1969)				4.250"/108.0mm x 3.770"/95.7mm			
Connecting Rod Bearing Pair (8)	AL-5	CB-743A	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
182 (cont.)	6.5L 6489 CC 396 CID OHV 16V V8 GMC (1965-1969)			4.090"/104.3mm x 3.770"/95.7mm				182 (cont.)
	7.0L 6998 CC 427 CID OHV 16V V8 GMC (1966-1969)			4.250"/108.0mm x 3.770"/95.7mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-743P	STD,1,10,20,30,40,50	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Pair (8)	TM-77	CB-1282P	STD,1	2.1990/2.2000	0.0014/0.0039	0.0620	2.3247/2.3252	0.8920
NOTE: No Dowel Hole In Cap Half								
Connecting Rod Bearing Set	AL-5	CB-743A(8)	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Set	TM-77	CB-743P(8)	STD,1,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Main Bearing Set 1-2-3-4	AL-5	MS-829A	STD,10,20,30,40	2.7482/2.7492	0.0007/0.0032	0.0934	2.9370/2.9380	1.0440
5		MB-2403A		2.7480/2.7490	0.0009/0.0039	0.0937	2.9370/2.9380	1.8110
Main Bearing Set 1-2-3-4	TM-77	MS-829P	STD,1,10,20,30,40	2.7482/2.7492	0.0007/0.0032	0.0934	2.9370/2.9380	1.0440
5		MB-2403P		2.7480/2.7490	0.0009/0.0039	0.0937	2.9370/2.9380	1.8110
Camshaft Bearing Set 1	B-1	SH-615S	STD					
2		SH-615		1.9485/1.9495	0.0006/0.0046	0.0941	2.1395/2.1405	0.8600
3-4		SH-616		1.9485/1.9495	0.0006/0.0046	0.0891	2.1295/2.1305	0.9800
5		SH-617		1.9485/1.9495	0.0006/0.0046	0.0860	2.1195/2.1205	0.9800
		SH-618		1.9485/1.9495	0.0006/0.0046	0.0897	2.1295/2.1305	0.9900
For Years: 1965 - 1966								
183	6.5L 6489 CC 396 CID OHV 16V V8 GMC VIN Codes: 'E' (1968-1969), 'Y' (1968-1969)			4.090"/104.3mm x 3.770"/95.7mm				183
	6.6L 402 CID OHV 16V V8 GMC; Chevrolet VIN Code: 'U' (1975)			4.130"/104.8mm x 3.750"/95.2mm				
	6.6L 6588 CC 402 CID OHV 16V V8 GMC VIN Codes: 'E' (1970-1972), 'K' (1971)			4.130"/104.8mm x 3.770"/95.7mm				
	7.0L 6998 CC 427 CID OHV 16V V8 GMC (1967-1969)			4.250"/108.0mm x 3.770"/95.7mm				
	7.4L 7439 CC 454 CID OHV 16V V8 GMC VIN Code: 'E' (1970-1971)			4.250"/108.0mm x 4.000"/101.6mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-743A	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Pair (8)	TM-77	CB-743P	STD,1,10,20,30,40,50	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Pair (8)	TM-77	CB-1282P	STD,1	2.1990/2.2000	0.0014/0.0039	0.0620	2.3247/2.3252	0.8920
NOTE: No Dowel Hole In Cap Half								
Connecting Rod Bearing Set	AL-5	CB-743A(8)	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Set	TM-77	CB-743P(8)	STD,1,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Main Bearing Set 1-2-3-4	AL-5	MS-829A	STD,10,20,30,40	2.7482/2.7492	0.0007/0.0032	0.0934	2.9370/2.9380	1.0440
5		MB-2403A		2.7480/2.7490	0.0009/0.0039	0.0937	2.9370/2.9380	1.8110
Main Bearing Set 1-2-3-4	TM-77	MS-829P	STD,1,10,20,30,40	2.7482/2.7492	0.0007/0.0032	0.0934	2.9370/2.9380	1.0440
5		MB-2403P		2.7480/2.7490	0.0009/0.0039	0.0937	2.9370/2.9380	1.8110
		MB-2404P(F)						



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
184	6.6L 6555 CC 400 CID OHV 16V V8 GMC QL, QR, QS, QT, QU, QW (1968-1969)			3.870"/98.3mm x 4.250"/107.9mm				184
	7.0L 6966 CC 425 CID OHV 16V V8 GMC RT (1967)			4.130"/104.8mm x 3.980"/101.0mm				
	7.5L 7456 CC 455 CID OHV 16V V8 GMC TA, TL, TN, TP, TQ, TS, TT, TU, TV, UL, UN, US, UT, UW, UX VIN Codes: 'R' (1974), 'T' (1972-1974), 'U' (1972-1974), 'V' (1972-1974), 'W' (1972-1974), 'X' (1972)			4.130"/104.8mm x 4.250"/108.0mm				
	7.5L 7457 CC 455 CID OHV 16V V8 GMC; Oldsmobile VIN Code: 'T' (1972-1974)			4.130"/104.8mm x 4.250"/108.0mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-542P	STD,10,20,30,40	2.4988/2.4998	0.0007/0.0032	0.0620	2.6245/2.6250	0.8310
Connecting Rod Bearing Set	TM-77	CB-542P(8)	STD,10,20,30,40	2.4988/2.4998	0.0007/0.0032	0.0620	2.6245/2.6250	0.8310
Main Bearing Set	TM-77	MS-804P	STD,10,20					
1		MB-2362P		2.9993/3.0003	0.0008/0.0038	0.0936	3.1880/3.1890	0.9800
2-4		MB-2163P		2.9993/3.0003	0.0008/0.0038	0.0936	3.1880/3.1890	0.9790
3		MB-2363P(F)		2.9993/3.0003	0.0008/0.0038	0.0936	3.1880/3.1890	1.1950
5		MB-2364P		2.9993/3.0003	0.0016/0.0049	0.0932	3.1880/3.1890	1.6290
Camshaft Bearing Set	B-1	SH-1354S	STD					
1		SH-1354		2.0365/2.0373	0.0015/0.0050	0.0646	2.1680/2.1695	0.6930
2		SH-1355		2.0165/2.0173	0.0015/0.0050	0.0646	2.1480/2.1495	0.6930
3		SH-1356		1.9965/1.9973	0.0015/0.0050	0.0646	2.1280/2.1295	0.6930
4		SH-1357		1.9765/1.9773	0.0015/0.0050	0.0646	2.1080/2.1095	0.6930
5		SH-1358		1.9565/1.9573	0.0015/0.0050	0.0646	2.0880/2.0895	0.6930
185	6.6L 6555 CC 400 CID OHV 16V V8 GMC V, VG (1965-1967)			4.000"/101.6mm x 3.970"/101.0mm				185
	7.0L 6966 CC 425 CID OHV 16V V8 GMC M, ME, ML, N, NE, NS, NT, PE, PL, R, RE (1965-1967)			4.130"/104.8mm x 3.980"/101.0mm				
	7.5L 7456 CC 455 CID OHV 16V V8 GMC UA, UB, UJ (1968-1970)			4.130"/104.8mm x 4.250"/108.0mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-542P	STD,10,20,30,40	2.4988/2.4998	0.0007/0.0032	0.0620	2.6245/2.6250	0.8310
Connecting Rod Bearing Set	TM-77	CB-542P(8)	STD,10,20,30,40	2.4988/2.4998	0.0007/0.0032	0.0620	2.6245/2.6250	0.8310
Main Bearing Set	TM-77	MS-804P	STD,10,20					
1		MB-2362P		2.9993/3.0003	0.0008/0.0038	0.0936	3.1880/3.1890	0.9800
2-4		MB-2163P		2.9993/3.0003	0.0008/0.0038	0.0936	3.1880/3.1890	0.9790
3		MB-2363P(F)		2.9993/3.0003	0.0008/0.0038	0.0936	3.1880/3.1890	1.1950
5		MB-2364P		2.9993/3.0003	0.0016/0.0049	0.0932	3.1880/3.1890	1.6290
186	6.6L 6555 CC 400 CID OHV 16V V8 GMC NR, PR, RR, RS (1967-1969)			4.040"/102.6mm x 3.900"/99.0mm				186
	7.0L 7047 CC 430 CID OHV 16V V8 GMC RO (1969)			4.190"/106.4mm x 3.900"/99.1mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-762P	STD,10,20,30	2.2500	0.0032	0.0619	2.3745	0.8260



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
186 (cont.)	6.6L 6555 CC 400 CID OHV 16V V8 GMC NR, PR, RR, RS (1967-1969)			4.040"/102.6mm x 3.900"/99.0mm				186 (cont.)
	7.0L 7047 CC 430 CID OHV 16V V8 GMC RO (1969)			4.190"/106.4mm x 3.900"/99.1mm				
Main Bearing Set	TM-77	MS-908P	STD,10,20					
1-2-4		MB-2505P		3.2495/3.2500	0.0011/0.0036	0.0936	3.4380/3.4390	0.8070
3		MB-2506P(F)		3.2495/3.2500	0.0011/0.0036	0.0936	3.4380/3.4390	1.0580
5		MB-2507P		3.2495/3.2500	0.0011/0.0036	0.0936	3.4380/3.4390	1.1480
187	6.6L 6555 CC 400 CID OHV 16V V8 GMC VIN Codes: 'P' (1972-1974), 'R' (1972-1974), 'S' (1972-1974), 'T' (1972-1974)			4.120"/104.7mm x 3.750"/95.3mm				187
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
For Years: 1973 - 1974								
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
For Years: 1973 - 1974								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-758P	STD,1,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
For Years: 1973 - 1974								
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
For Years: 1973 - 1974								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
For Years: 1973 - 1974								
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
For Years: 1973 - 1974								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
For Years: 1973 - 1974								
Connecting Rod Bearing Set	TM-77	CB-758P(8)	STD,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
Main Bearing Set	TM-1	MS-483G	STD,10,20					
1-2-3		MB-1889G		2.9990/3.0000	0.0007/0.0033	0.0938	3.1880/3.1890	0.9430
4		MB-1890G(F)		2.9990/3.0000	0.0007/0.0033	0.0938	3.1880/3.1890	1.1350
5		MB-1891P		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	1.5950
NOTE: Contains Partial Grooved Main Bearings								
Main Bearing Set	TM-77	MS-496P	STD,10,20,30					
1-2-3		MB-1917P		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	0.9430
4		MB-1918P(F)		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	1.1350
5		MB-1891P		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	1.5950
NOTE: Contains Full Grooved Bearings								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
187 (cont.)	6.6L 6555 CC 400 CID OHV 16V V8 GMC			4.120"/104.7mm x 3.750"/95.3mm				187 (cont.)
	VIN Codes: 'P' (1972-1974), 'R' (1972-1974), 'S' (1972-1974), 'T' (1972-1974)							
Main Bearing Set	TM-77	MS-1038P	STD,10,20,30					
1-2-3-4		MB-2562P		2.6484/2.6493	0.0006/0.0034	0.0955	2.8406/2.8415	0.8070
5		MB-2563P(F)		2.6479/2.6488	0.0011/0.0039	0.0955	2.8406/2.8415	1.7180
For Years: 1973 - 1974								
Camshaft Bearing Set	B-1	SH-290S	STD,10					
1		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
2-5		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
3-4		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
For Years: 1973 - 1974								
Camshaft Bearing Set	B-1	SH-292S	STD					
1-2-3-4-5		SH-292		1.8992/1.8997	0.0010/0.0060	0.0644	2.0297/2.0307	0.6800
188	6.6L 6555 CC 400 CID OHV 16V V8 GMC			4.120"/104.7mm x 3.750"/95.3mm				188
	(1967-1969)							
Connecting Rod Bearing Pair (8)	TM-77	CB-758P	STD,1,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
Connecting Rod Bearing Set	TM-77	CB-758P(8)	STD,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
Main Bearing Set	TM-1	MS-483G	STD,10,20					
1-2-3		MB-1889G		2.9990/3.0000	0.0007/0.0033	0.0938	3.1880/3.1890	0.9430
4		MB-1890G(F)		2.9990/3.0000	0.0007/0.0033	0.0938	3.1880/3.1890	1.1350
5		MB-1891P		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	1.5950
NOTE: Contains Partial Grooved Main Bearings								
Main Bearing Set	TM-77	MS-496P	STD,10,20,30					
1-2-3		MB-1917P		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	0.9430
4		MB-1918P(F)		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	1.1350
5		MB-1891P		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	1.5950
NOTE: Contains Full Grooved Bearings								
Main Bearing Set	TM-77	MS-617P	STD,10,20,30,40					
1-2-3-4-5-6		MB-3135P		2.2980/2.2990	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
7		MB-2588P(F)		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090
For Years: 1968 - 1969								
Main Bearing Set		MS-617A-10	20,30					
For Years: 1968 - 1969								
Camshaft Bearing Set	B-1	SH-292S	STD					
1-2-3-4-5		SH-292		1.8992/1.8997	0.0010/0.0060	0.0644	2.0297/2.0307	0.6800
189	6.6L 6556 CC 400 CID OHV 16V V8 GMC; Chevrolet			4.130"/104.8mm x 3.750"/95.2mm				189
	VIN Code: 'U' (1974)							
	6.6L 400 CID OHV 16V V8 GMC; Chevrolet			4.130"/104.8mm x 3.750"/95.2mm				
	VIN Codes: 'M' (1975), 'R' (1977-1980), 'U' (1975-1976), 'X' (1980)							
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
189 (cont.)	6.6L 6556 CC 400 CID OHV 16V V8 GMC; Chevrolet VIN Code: 'U' (1974)			4.130"/104.8mm x 3.750"/95.2mm				189 (cont.)
	6.6L 400 CID OHV 16V V8 GMC; Chevrolet VIN Codes: 'M' (1975), 'R' (1977-1980), 'U' (1975-1976), 'X' (1980)			4.130"/104.8mm x 3.750"/95.2mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set 1-2-3-4	TM-77	MS-1038P	STD,10,20,30					
		MB-2562P		2.6484/2.6493	0.0006/0.0034	0.0955	2.8406/2.8415	0.8070
5		MB-2563P(F)		2.6479/2.6488	0.0011/0.0039	0.0955	2.8406/2.8415	1.7180
Camshaft Bearing Set 1	B-1	SH-290S	STD,10					
		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
2-5		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
3-4		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
Camshaft Bearing Set 1	B-2	SH-1349S	STD					
		SH-1349		1.8682/1.8692	0.0010/0.0048	0.0744	2.0190/2.0210	0.7450
2-5		SH-1350		1.8682/1.8692	0.0010/0.0048	0.0694	2.0090/2.0110	0.7450
3-4		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
NOTE: Heavy Duty Engine								
Camshaft Bearing Set 1-2-3-4-5	B-2	SH-1796S	STD					
		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
NOTE: Oversize Align Bored Blocks With Housing Bore Diameter 1.9990/2.0010								
190	6.6L 6556 CC 400 CID OHV 16V V8 GMC; Chevrolet (1970-1971)			4.130"/104.8mm x 3.750"/95.2mm				190
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-743A	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-743P	STD,1,10,20,30,40,50	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Pair (8)	TM-77	CB-1282P	STD,1	2.1990/2.2000	0.0014/0.0039	0.0620	2.3247/2.3252	0.8920
NOTE: No Dowel Hole In Cap Half								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
190 (cont.)	6.6L 6556 CC 400 CID OHV 16V V8 GMC; Chevrolet (1970-1971)			4.130"/104.8mm x 3.750"/95.2mm				190 (cont.)
Connecting Rod Bearing Pair (8) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-1776P-40						
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-743A(8)	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	TM-77	CB-743P(8)	STD,1,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Main Bearing Set 1-2-3-4	TM-77	MS-1038P	STD,10,20,30	2.6484/2.6493	0.0006/0.0034	0.0955	2.8406/2.8415	0.8070
5		MB-2562P MB-2563P(F)		2.6479/2.6488	0.0011/0.0039	0.0955	2.8406/2.8415	1.7180
Camshaft Bearing Set 1	B-1	SH-290S	STD,10					
2-5		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
3-4		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
Camshaft Bearing Set 1	B-2	SH-1349S	STD					
2-5		SH-1349		1.8682/1.8692	0.0010/0.0048	0.0744	2.0190/2.0210	0.7450
3-4		SH-1350		1.8682/1.8692	0.0010/0.0048	0.0694	2.0090/2.0110	0.7450
		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
NOTE: Heavy Duty Engine								
Camshaft Bearing Set 1	B-2	SH-1772S	STD					
2-3-4-5		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
		SH-400		1.8680/1.8690	0.0010/0.0050	0.0647	1.9990/2.0010	0.8700
NOTE: Aluminum Block								
Camshaft Bearing Set 1-2-3-4-5	B-2	SH-1796S	STD					
		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
NOTE: Oversize Align Bored Blocks With Housing Bore Diameter 1.9990/2.0010								
191	6.6L 400 CID OHV 16V V8 GMC; Chevrolet VIN Code: 'R' (1975-1976)			4.130"/104.8mm x 3.750"/95.2mm				191
Connecting Rod Bearing Pair (8)	TM-77	CB-684P	STD,10,20,30	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
For Year: 1975								
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
191 (cont.)	6.6L 400 CID OHV 16V V8 GMC; Chevrolet VIN Code: 'R' (1975-1976)			4.130"/104.8mm x 3.750"/95.2mm			191 (cont.)	
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-684P(8)	STD,10,20	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
For Year: 1975								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set 1-2-3	TM-1	MS-483G	STD,10,20					
		MB-1889G		2.9990/3.0000	0.0007/0.0033	0.0938	3.1880/3.1890	0.9430
4		MB-1890G(F)		2.9990/3.0000	0.0007/0.0033	0.0938	3.1880/3.1890	1.1350
5		MB-1891P		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	1.5950
NOTE: Contains Partial Grooved Main Bearings								
Main Bearing Set 1-2-3	TM-77	MS-496P	STD,10,20,30					
		MB-1917P		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	0.9430
4		MB-1918P(F)		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	1.1350
5		MB-1891P		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	1.5950
NOTE: Contains Full Grooved Bearings								
Main Bearing Set 1-2-3-4	TM-77	MS-1038P	STD,10,20,30					
		MB-2562P		2.6484/2.6493	0.0006/0.0034	0.0955	2.8406/2.8415	0.8070
5		MB-2563P(F)		2.6479/2.6488	0.0011/0.0039	0.0955	2.8406/2.8415	1.7180
Camshaft Bearing Set 1	B-1	SH-290S	STD,10					
		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
2-5		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
3-4		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
Camshaft Bearing Set 1	B-2	SH-1349S	STD					
		SH-1349		1.8682/1.8692	0.0010/0.0048	0.0744	2.0190/2.0210	0.7450
2-5		SH-1350		1.8682/1.8692	0.0010/0.0048	0.0694	2.0090/2.0110	0.7450
3-4		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
NOTE: Heavy Duty Engine								
Camshaft Bearing Set 1-2-3-4-5	B-2	SH-1796S	STD					
		SH-1351		1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
NOTE: Oversize Align Bored Blocks With Housing Bore Diameter 1.9990/2.0010								
192	6.6L 400 CID OHV 16V V8 GMC; Pontiac VIN Code: 'S' (1975-1976)			4.130"/104.8mm x 3.750"/95.2mm			192	
Connecting Rod Bearing Pair (8)	TM-77	CB-684P	STD,10,20,30	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
For Year: 1975								



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
192 (cont.)	6.6L 400 CID OHV 16V V8 GMC; Pontiac			4.130"/104.8mm x 3.750"/95.2mm				192 (cont.)
VIN Code: 'S' (1975-1976)								
Connecting Rod Bearing Pair (8)	TM-77	CB-758P	STD,1,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
Connecting Rod Bearing Set	TM-77	CB-684P(8)	STD,10,20	2.1238/2.1248	0.0014/0.0039	0.0619	2.2495/2.2500	0.8310
For Year: 1975								
Connecting Rod Bearing Set	TM-77	CB-758P(8)	STD,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
Main Bearing Set 1-2-3	TM-1	MS-483G	STD,10,20					
4		MB-1889G		2.9990/3.0000	0.0007/0.0033	0.0938	3.1880/3.1890	0.9430
5		MB-1890G(F)		2.9990/3.0000	0.0007/0.0033	0.0938	3.1880/3.1890	1.1350
		MB-1891P		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	1.5950
NOTE: Contains Partial Grooved Main Bearings								
Main Bearing Set 1-2-3	TM-77	MS-496P	STD,10,20,30					
4		MB-1917P		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	0.9430
5		MB-1918P(F)		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	1.1350
		MB-1891P		2.9990/3.0000	0.0007/0.0038	0.0938	3.1880/3.1890	1.5950
NOTE: Contains Full Grooved Bearings								
Main Bearing Set 1-2-3-4	TM-77	MS-1038P	STD,10,20,30					
5		MB-2562P		2.6484/2.6493	0.0006/0.0034	0.0955	2.8406/2.8415	0.8070
		MB-2563P(F)		2.6479/2.6488	0.0011/0.0039	0.0955	2.8406/2.8415	1.7180
Camshaft Bearing Set 1-2-3-4-5	B-1	SH-292S	STD					
		SH-292		1.8992/1.8997	0.0010/0.0060	0.0644	2.0297/2.0307	0.6800
193	6.6L 6555 CC 400 CID OHV 16V V8 GMC			4.130"/104.8mm x 3.750"/95.3mm				193
(1970-1971)								
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-743A	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-743P	STD,1,10,20,30,40,50	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Pair (8)	TM-77	CB-1282P	STD,1	2.1990/2.2000	0.0014/0.0039	0.0620	2.3247/2.3252	0.8920
NOTE: No Dowel Hole In Cap Half								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-743A(8)	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
193 (cont.)	6.6L 6555 CC 400 CID OHV 16V V8 GMC (1970-1971)			4.130"/104.8mm x 3.750"/95.3mm				193 (cont.)
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	TM-77	CB-743P(8)	STD,1,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Main Bearing Set 1-2-3-4	TM-77	MS-1038P	STD,10,20,30					
5		MB-2562P		2.6484/2.6493	0.0006/0.0034	0.0955	2.8406/2.8415	0.8070
		MB-2563P(F)		2.6479/2.6488	0.0011/0.0039	0.0955	2.8406/2.8415	1.7180
194	6.6L 6555 CC 400 CID OHV 16V V8 GMC VIN Code: 'E' (1972)			4.130"/104.8mm x 3.750"/95.3mm				194
Main Bearing Set 1-2-3-4	TM-77	MS-1038P	STD,10,20,30					
5		MB-2562P		2.6484/2.6493	0.0006/0.0034	0.0955	2.8406/2.8415	0.8070
		MB-2563P(F)		2.6479/2.6488	0.0011/0.0039	0.0955	2.8406/2.8415	1.7180
195	6.6L 6556 CC 400 CID OHV 16V V8 GMC; Chevrolet VIN Code: 'R' (1972-1974)			4.130"/104.8mm x 3.750"/95.2mm				195
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-743A	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
For Year: 1972								
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-743P	STD,1,10,20,30,40,50	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
For Year: 1972								
Connecting Rod Bearing Pair (8)	TM-77	CB-1282P	STD,1	2.1990/2.2000	0.0014/0.0039	0.0620	2.3247/2.3252	0.8920
For Year: 1972								
NOTE: No Dowel Hole In Cap Half								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-743A(8)	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
For Year: 1972								
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	TM-77	CB-743P(8)	STD,1,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
For Year: 1972								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
195 (cont.)	6.6L 6556 CC 400 CID OHV 16V V8 GMC; Chevrolet VIN Code: 'R' (1972-1974)			4.130"/104.8mm x 3.750"/95.2mm				195 (cont.)
Main Bearing Set 1-2-3-4 5	TM-77	MS-1038P MB-2562P MB-2563P(F)	STD,10,20,30	2.6484/2.6493 2.6479/2.6488	0.0006/0.0034 0.0011/0.0039	0.0955	2.8406/2.8415	0.8070 1.7180
Camshaft Bearing Set 1 2-5 3-4	B-1	SH-290S SH-290 SH-288 SH287	STD,10	1.8682/1.8692 1.8682/1.8692 1.8682/1.8692	0.0010/0.0050 0.0010/0.0050 0.0010/0.0050	0.0744 0.0694 0.0644	2.0190/2.0210	0.7500 0.7500 0.7500
Camshaft Bearing Set 1 2-5 3-4	B-2	SH-1349S SH-1349 SH-1350 SH-1351	STD	1.8682/1.8692 1.8682/1.8692 1.8682/1.8692	0.0010/0.0048 0.0010/0.0048 0.0010/0.0048	0.0744	2.0190/2.0210	0.7450 0.7450 0.7450
NOTE: Heavy Duty Engine								
Camshaft Bearing Set 1-2-3-4-5	B-2	SH-1796S SH-1351	STD	1.8682/1.8692	0.0010/0.0048	0.0644	1.9990/2.0010	0.7450
NOTE: Oversize Align Bored Blocks With Housing Bore Diameter 1.9990/2.0010								
196	6.6L 400 CID OHV 16V V8 GMC; Pontiac VIN Codes: 'N' (1976), 'Z' (1976-1979)			4.130"/104.8mm x 3.750"/95.2mm				196
Connecting Rod Bearing Pair (8)	TM-77	CB-758P	STD,1,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
Connecting Rod Bearing Set	TM-77	CB-758P(8)	STD,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
Main Bearing Set 1-2-3 4 5	TM-1	MS-483G MB-1889G MB-1890G(F) MB-1891P	STD,10,20	2.9990/3.0000 2.9990/3.0000 2.9990/3.0000	0.0007/0.0033 0.0007/0.0033 0.0007/0.0038	0.0938	3.1880/3.1890	0.9430 1.1350 1.5950
NOTE: Contains Partial Grooved Main Bearings								
Main Bearing Set 1-2-3 4 5	TM-77	MS-496P MB-1917P MB-1918P(F) MB-1891P	STD,10,20,30	2.9990/3.0000 2.9990/3.0000 2.9990/3.0000	0.0007/0.0038 0.0007/0.0038 0.0007/0.0038	0.0938	3.1880/3.1890	0.9430 1.1350 1.5950
NOTE: Contains Full Grooved Bearings								
Main Bearing Set 1-2-3-4 5	TM-77	MS-1038P MB-2562P MB-2563P(F)	STD,10,20,30	2.6484/2.6493 2.6479/2.6488	0.0006/0.0034 0.0011/0.0039	0.0955	2.8406/2.8415	0.8070 1.7180
For Year: 1976								
Camshaft Bearing Set 1-2-3-4-5	B-1	SH-292S SH-292	STD	1.8992/1.8997	0.0010/0.0060	0.0644	2.0297/2.0307	0.6800
197	6.6L 6555 CC 400 CID OHV 16V V8 GMC (1971) 8.1L 496 CID OHV 16V V8 GMC; Vortec (2001-2003)			4.130"/104.8mm x 3.750"/95.3mm				197
				4.250"/108.0mm x 4.370"/111.0mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-743A	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Pair (8)	TM-77	CB-743P	STD,1,10,20,30,40,50	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
197 (cont.)	6.6L 6555 CC 400 CID OHV 16V V8 GMC (1971)			4.130"/104.8mm x 3.750"/95.3mm				197 (cont.)
	8.1L 496 CID OHV 16V V8 GMC; Vortec (2001-2003)			4.250"/108.0mm x 4.370"/111.0mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-1282P	STD,1	2.1990/2.2000	0.0014/0.0039	0.0620	2.3247/2.3252	0.8920
NOTE: No Dowel Hole In Cap Half								
Connecting Rod Bearing Set	AL-5	CB-743A(8)	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Set	TM-77	CB-743P(8)	STD,1,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
198	6.6L 6555 CC 400 CID OHV 16V V8 GMC VIN Codes: 'R' (1972-1974), 'U' (1973-1974)			4.130"/104.8mm x 3.750"/95.3mm				198
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	
For Years: 1973 - 1974								
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
For Years: 1973 - 1974								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
For Years: 1973 - 1974								
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
For Years: 1973 - 1974								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
For Years: 1973 - 1974								
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
For Years: 1973 - 1974								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
For Years: 1973 - 1974								
Main Bearing Set 1-2-3-4	TM-77	MS-1038P	STD,10,20,30	2.6484/2.6493	0.0006/0.0034	0.0955	2.8406/2.8415	0.8070
5		MB-2562P		2.6479/2.6488	0.0011/0.0039	0.0955	2.8406/2.8415	1.7180
		MB-2563P(F)						
Camshaft Bearing Set	B-1	SH-290S	STD,10					
1		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
2-5		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
3-4		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
For Years: 1973 - 1974								
199	6.6L 6555 CC 400 CID OHV 16V V8 GMC VIN Code: 'R' (1972-1974)			4.130"/104.8mm x 3.750"/95.3mm				199
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
199 (cont.)	6.6L 6555 CC 400 CID OHV 16V V8 GMC			4.130"/104.8mm x 3.750"/95.3mm				199 (cont.)
VIN Code: 'R' (1972-1974)								
Connecting Rod Bearing Pair (8) For Year: 1972	AL-5	CB-743A	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Pair (8) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
Connecting Rod Bearing Pair (8) For Year: 1972	TM-77	CB-743P	STD,1,10,20,30,40,50	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Pair (8) For Year: 1972 NOTE: No Dowel Hole In Cap Half	TM-77	CB-1282P	STD,1	2.1990/2.2000	0.0014/0.0039	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	TM-77	CB-1776P-40						
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set For Year: 1972	AL-5	CB-743A(8)	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Set NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set For Year: 1972	TM-77	CB-743P(8)	STD,1,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Main Bearing Set 1-2-3-4 5	TM-77	MS-1038P MB-2562P MB-2563P(F)	STD,10,20,30	2.6484/2.6493 2.6479/2.6488	0.0006/0.0034 0.0011/0.0039	0.0955	2.8406/2.8415	0.8070 1.7180
Camshaft Bearing Set 1 2-5 3-4	B-1	SH-290S SH-290 SH-288 SH287	STD,10	1.8682/1.8692 1.8682/1.8692 1.8682/1.8692	0.0010/0.0050 0.0010/0.0050 0.0010/0.0050	0.0744 0.0694 0.0644	2.0190/2.0210 2.0090/2.0110 1.9990/2.0010	0.7500 0.7500 0.7500



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
200	6.6L 6555 CC 400 CID OHV 16V V8 GMC LR, MR (1965-1966)			4.190"/106.4mm x 3.640"/92.5mm			200	
	6.6L 6572 CC 401 CID OHV 16V V8 GMC 2I, JR, JS, JU, KT, L2I, L4H, L4I, LV, MV (1961-1966)			4.190"/106.4mm x 3.640"/92.5mm				
	7.0L 6966 CC 425 CID OHV 16V V8 GMC JW, KW, KX, LW, LX, MW, MZ (1963-1966)			4.310"/109.6mm x 3.640"/92.5mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-762P	STD,10,20,30	2.2500	0.0032	0.0619	2.3745	0.8260
201	6.6L 400 CID OHV 32V V8 GMC; Duramax VIN Code: '3' (2006)			4.060"/103.0mm x 3.900"/99.0mm			201	
Connecting Rod Bearing Pair (8)	TM-77	CB-1805P	STD,.25mm,.50mm	2.4764/2.4772	0.0010/0.0034	0.0795	2.6372/2.6378	0.9340
NOTE: Use With Connecting Rods Marked With B								
Connecting Rod Bearing Pair (8)	TM-77	CB-1810P-.25mm	.50mm	2.4764/2.4772	0.0010/0.0034	0.0805	2.6392/2.6398	0.9340
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock, Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Crankshaft Must Be Nitride Heat Treated After Machining								
Connecting Rod Bearing Pair (8)		CB-1990P	STD,.25mm,.50mm	2.4764/2.4772	0.0010/0.0034	0.7950	2.6372/2.6378	0.9340
NOTE: Use With Connecting Rods Marked With A								
Connecting Rod Bearing Set	TM-77	CB-1805P(8)	STD,.25mm,.50mm	2.4764/2.4772	0.0010/0.0034	0.0795	2.6372/2.6378	0.9340
NOTE: Use With Connecting Rods Marked With B								
Main Bearing Set 1-2-3-4-5	TM-77	MS-2218P MB-3776P	STD,.25mm,.50mm	3.1459/3.1466	0.0009/0.0033	0.0995	3.3464/3.3472	0.8200
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-610S								
202	6.6L 6588 CC 402 CID OHV 16V V8 (1972)			4.130"/104.8mm x 3.770"/95.7mm			202	
	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet (1970-1974)			4.250"/108.0mm x 4.000"/101.6mm				
	7.4L 7439 CC 454 CID OHV 16V V8 (1972-1974)			4.250"/108.0mm x 4.000"/101.6mm				
	7.4L 454 CID OHV 16V V8; Chevrolet (1975-1980)			4.250"/108.0mm x 4.000"/101.6mm				
	7.4L 454 CID OHV 16V V8 (1975-1997)			4.250"/108.0mm x 4.000"/101.6mm				
	7.4L 454 CID OHV 16V V8; Vortec (1996-2000)			4.250"/108.0mm x 4.000"/101.6mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-743A	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Pair (8)	TM-77	CB-743P	STD,1,10,20,30,40,50	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Pair (8)	TM-77	CB-1282P	STD,1	2.1990/2.2000	0.0014/0.0039	0.0620	2.3247/2.3252	0.8920
NOTE: No Dowel Hole In Cap Half								
Connecting Rod Bearing Set	AL-5	CB-743A(8)	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
202 (cont.)	6.6L 6588 CC 402 CID OHV 16V V8 (1972)			4.130"/104.8mm x 3.770"/95.7mm					202 (cont.)
	7.4L 7441 CC 454 CID OHV 16V V8; Chevrolet (1970-1974)			4.250"/108.0mm x 4.000"/101.6mm					
	7.4L 7439 CC 454 CID OHV 16V V8 (1972-1974)			4.250"/108.0mm x 4.000"/101.6mm					
	7.4L 454 CID OHV 16V V8; Chevrolet (1975-1980)			4.250"/108.0mm x 4.000"/101.6mm					
	7.4L 454 CID OHV 16V V8 (1975-1997)			4.250"/108.0mm x 4.000"/101.6mm					
	7.4L 454 CID OHV 16V V8; Vortec (1996-2000)			4.250"/108.0mm x 4.000"/101.6mm					
	7.4L 454 CID OHV 16V V8; Vortec (1996-2000)			4.250"/108.0mm x 4.000"/101.6mm					
Connecting Rod Bearing Set	TM-77	CB-743P(8)	STD,1,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920	
Main Bearing Set	AL-5	MS-829A	STD,10,20,30,40						
1-2-3-4		MB-2403A		2.7482/2.7492	0.0007/0.0032	0.0934	2.9370/2.9380	1.0440	
5		MB-2404A(F)		2.7480/2.7490	0.0009/0.0039	0.0937	2.9370/2.9380	1.8110	
Main Bearing Set	TM-77	MS-829P	STD,1,10,20,30,40						
1-2-3-4		MB-2403P		2.7482/2.7492	0.0007/0.0032	0.0934	2.9370/2.9380	1.0440	
5		MB-2404P(F)		2.7480/2.7490	0.0009/0.0039	0.0937	2.9370/2.9380	1.8110	
Camshaft Bearing Set	B-1	SH-616S	STD						
1		SH-615		1.9485/1.9495	0.0006/0.0046	0.0941	2.1395/2.1405	0.8600	
2-5		SH-616		1.9485/1.9495	0.0006/0.0046	0.0891	2.1295/2.1305	0.9800	
3-4		SH-617		1.9485/1.9495	0.0006/0.0046	0.0860	2.1195/2.1205	0.9800	
Camshaft Bearing Set	B-2	SH-2144S	STD						
203	6.6L 6599 CC 403 CID OHV 32V V8 GMC LB7, LBZ, LGH, LLY, LMM; Duramax VIN Codes: '1' (2001-2005), '2' (2004-2007), '6' (2007-2010), 'D' (2006-2007), 'L' (2010-2014)			4.060"/103.0mm x 3.900"/99.0mm					203
Connecting Rod Bearing Pair (8)	TM-77	CB-1805P	STD,.25mm,.50mm	2.4764/2.4772	0.0010/0.0034	0.0795	2.6372/2.6378	0.9340	
NOTE: Use With Connecting Rods Marked With B									
Connecting Rod Bearing Pair (8)	TM-77	CB-1810P-.25mm	.50mm	2.4764/2.4772	0.0010/0.0034	0.0805	2.6392/2.6398	0.9340	
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock, Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Crankshaft Must Be Nitride Heat Treated After Machining									
Connecting Rod Bearing Pair (8)		CB-1990P	STD,.25mm,.50mm	2.4764/2.4772	0.0010/0.0034	0.0795	2.6372/2.6378	0.9340	
NOTE: Use With Connecting Rods Marked With A									
Connecting Rod Bearing Set	TM-77	CB-1805P(8)	STD,.25mm,.50mm	2.4764/2.4772	0.0010/0.0034	0.0795	2.6372/2.6378	0.9340	
NOTE: Use With Connecting Rods Marked With B									
Main Bearing Set	TM-77	MS-2218P	STD,.25mm,.50mm						
1-2-3-4-5		MB-3776P		3.1459/3.1466	0.0009/0.0033	0.0995	3.3464/3.3472	0.8200	
For Years: 2001 - 2013									
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-610S									



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
203 (cont.)	6.6L 6599 CC 403 CID OHV 32V V8 GMC LB7, LBZ, LGH, LLY, LMM; Duramax VIN Codes: '1' (2001-2005), '2' (2004-2007), '6' (2007-2010), 'D' (2006-2007), 'L' (2010-2014)			4.060"/103.0mm x 3.900"/99.0mm			203 (cont.)	
Thrust Washer Set	TM-77	TW-610S MB-3776W	STD	3.5039/3.5137		4.2027/4.2125		0.1181
For Years: 2001 - 2013								
Camshaft Bearing Set	AL-3	SH-1999S	STD					
1		SH-1999		2.3988/2.4000		0.0790 2.5590/2.5602		1.1200
2-3-4-5		SH-2006		2.3988/2.4000		0.0790 2.5590/2.5602		0.7050
For Years: 2001 - 2013								
Piston Pin Bushing (8)		223-3729	STD			0.0688 1.4600		1.5620
For Years: 2001 - 2010								
NOTE: OE Replacement, Requires Boring								
204	6.6L 6599 CC 403 CID OHV 32V V8 GMC LGH, LML; Duramax VIN Codes: '8' (2011-2013), 'L' (2011-2012)			4.060"/103.0mm x 3.900"/99.0mm			204	
Connecting Rod Bearing Pair (8)	TM-77	CB-1805P	STD,.25mm,.50mm	2.4764/2.4772		0.0010/0.0034 0.0795 2.6372/2.6378		0.9340
NOTE: Use With Connecting Rods Marked With B								
Connecting Rod Bearing Pair (8)	TM-77	CB-1810P-.25mm	.50mm	2.4764/2.4772		0.0010/0.0034 0.0805 2.6392/2.6398		0.9340
NOTE: Connecting Rods With Housing Bore Resized .002" Larger Than Stock, Connecting Rods With Housing Bore Resized .002in Larger Than Stock, Crankshaft Must Be Nitride Heat Treated After Machining								
Connecting Rod Bearing Pair (8)		CB-1990P	STD,.25mm,.50mm	2.4764/2.4772		0.0010/0.0034 0.7950 2.6372/2.6378		0.9340
NOTE: Use With Connecting Rods Marked With A								
Connecting Rod Bearing Set	TM-77	CB-1805P(8)	STD,.25mm,.50mm	2.4764/2.4772		0.0010/0.0034 0.0795 2.6372/2.6378		0.9340
NOTE: Use With Connecting Rods Marked With B								
Main Bearing Set	TM-77	MS-2218P MB-3776P	STD,.25mm,.50mm	3.1459/3.1466		0.0009/0.0033 0.0995 3.3464/3.3472		0.8200
1-2-3-4-5								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-610S								
Thrust Washer Set	TM-77	TW-610S MB-3776W	STD	3.5039/3.5137		4.2027/4.2125		0.1181
Camshaft Bearing Set	AL-3	SH-1999S	STD					
1		SH-1999		2.3988/2.4000		0.0790 2.5590/2.5602		1.1200
2-3-4-5		SH-2006		2.3988/2.4000		0.0790 2.5590/2.5602		0.7050
205	6.9L 6900 CC 421 CID OHV 16V V8 GMC 08B, 125, 22B, 25G, 28G, 34J, 38S, 47Q, 47S, 49N, 50Q, WH, WJ, WK, YH, YK (1961-1966) 7.0L 7014 CC 428 CID OHV 16V V8 GMC (1967-1969) 7.5L 7456 CC 455 CID OHV 16V V8 GMC WG, YG (1971)			4.090"/104.0mm x 4.000"/101.6mm			205	
				4.120"/104.7mm x 4.000"/101.6mm				
				4.150"/105.4mm x 4.210"/107.0mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-758P	STD,1,10,20,30,40	2.2487/2.2497		0.0015/0.0040 0.0619 2.3745/2.3750		0.8860



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
205 (cont.)	6.9L 6900 CC 421 CID OHV 16V V8 GMC 08B, 125, 22B, 25G, 28G, 34J, 38S, 47Q, 47S, 49N, 50Q, WH, WJ, WK, YH, YK (1961-1966)			4.090"/104.0mm x 4.000"/101.6mm					205 (cont.)
	7.0L 7014 CC 428 CID OHV 16V V8 GMC (1967-1969)			4.120"/104.7mm x 4.000"/101.6mm					
	7.5L 7456 CC 455 CID OHV 16V V8 GMC WG, YG (1971)			4.150"/105.4mm x 4.210"/107.0mm					
Connecting Rod Bearing Set	TM-77	CB-758P(8)	STD,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860	
Main Bearing Set	TM-77	MS-667P	STD,10,20						
1-2-3		MB-2215P		3.2490/3.2500	0.0005/0.0035	0.0939	3.4380/3.4390	0.9430	
4		MB-2216P(F)		3.2490/3.2500	0.0005/0.0035	0.0939	3.4380/3.4390	1.1950	
5		MB-2217P		3.2490/3.2500	0.0005/0.0035	0.0939	3.4380/3.4390	1.5950	
206	7.0L 7011 CC 427 CID OHV 16V V8 GMC			4.130"/104.8mm x 4.000"/101.6mm					206
VIN Code: 'E' (2006-2012)									
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40							
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	
Main Bearing Set		MS-2294P	STD,10						
1-2-4-5		MB-3938P							
3		MB-3592P(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280	
Camshaft Bearing Set	B-1	SH-2125S	STD						
1-5		SH-1995A		2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800	
2-4		SH-2124		2.1650/2.1670	0.0010/0.0062	0.0799	2.3276/2.3295	0.7800	
3		SH-2125		2.1650/2.1670	0.0010/0.0062	0.0700	2.3079/2.3098	0.7800	
For Years: 2006 - 2010									
NOTE: Non Coated									
Camshaft Bearing Set	B-1	SH-2199S	STD						
For Years: 2006 - 2010									
NOTE: Coated									
207	7.0L 7011 CC 427 CID OHV 16V V8 GMC LS7			4.130"/104.8mm x 4.000"/101.6mm					207
VIN Code: 'E' (2013)									
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420	



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
207 (cont.)	7.0L 7011 CC 427 CID OHV 16V V8 GMC LS7 VIN Code: 'E' (2013)			4.130"/104.8mm x 4.000"/101.6mm				207 (cont.)
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set 1-2-4-5		MS-2294P	STD,10					
3		MB-3938P						
		MB-3592P(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
208	7.0L 7031 CC 429 CID OHV 16V V8 GMC VIN Codes: '5' (1965), '6' (1966), '7' (1967)			4.130"/104.8mm x 4.000"/101.6mm				208
Connecting Rod Bearing Pair (8)		CB-472P	STD,10,20	2.2488/2.2493	0.0003/0.0023	0.0622	2.3740/2.3745	0.7910
Camshaft Bearing Set 1-2-3-4-5	B-1	SH-530S	STD					
		SH-530		1.7500/1.7507	0.0005/0.0042	0.0640	1.8792/1.8802	0.6300
209	7.0L 7047 CC 430 CID OHV 16V V8 GMC MD, ND, PD, RD (1967-1969)			4.190"/106.4mm x 3.900"/99.1mm				209
	7.5L 7456 CC 455 CID OHV 16V V8 GMC SF, SR, SS, TA, TR, TS VIN Codes: 'P' (1974), 'R' (1974), 'T' (1972-1974), 'U' (1971-1974), 'V' (1972-1974)			4.310"/109.5mm x 3.900"/99.0mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-762P	STD,10,20,30	2.2500	0.0032	0.0619	2.3745	0.8260
Main Bearing Set 1-2-4	TM-77	MS-908P	STD,10,20					
3		MB-2505P		3.2495/3.2500	0.0011/0.0036	0.0936	3.4380/3.4390	0.8070
5		MB-2506P(F)		3.2495/3.2500	0.0011/0.0036	0.0936	3.4380/3.4390	1.0580
		MB-2507P		3.2495/3.2500	0.0011/0.0036	0.0936	3.4380/3.4390	1.1480
Camshaft Bearing Set 1	B-1	SH-1361S	STD					
2-3-4-5		SH-1360		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.7550
		SH-1361		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.6250
210	7.4L 7442 CC 454 CID OHV 16V V8 GMC L19 VIN Code: 'N' (1996)			4.250"/108.0mm x 4.000"/101.6mm				210
Connecting Rod Bearing Pair (8)	AL-5	CB-743A	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Pair (8)	TM-77	CB-743P	STD,1,10,20,30,40,50	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Set	AL-5	CB-743A(8)	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
210 (cont.)	7.4L 7442 CC 454 CID OHV 16V V8 GMC L19 VIN Code: 'N' (1996)			4.250"/108.0mm x 4.000"/101.6mm					210 (cont.)
Connecting Rod Bearing Set	TM-77	CB-743P(8)	STD,1,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920	
Main Bearing Set 1-2-3-4	AL-5	MS-829A MB-2403A	STD,10,20,30,40	2.7482/2.7492	0.0007/0.0032	0.0934	2.9370/2.9380	1.0440	
5		MB-2404A(F)		2.7480/2.7490	0.0009/0.0039	0.0937	2.9370/2.9380	1.8110	
Main Bearing Set 1-2-3-4	TM-77	MS-829P MB-2403P	STD,1,10,20,30,40	2.7482/2.7492	0.0007/0.0032	0.0934	2.9370/2.9380	1.0440	
5		MB-2404P(F)		2.7480/2.7490	0.0009/0.0039	0.0937	2.9370/2.9380	1.8110	
211	7.4L 7441 CC 454 CID OHV 16V V8 GMC; Chevrolet VIN Codes: 'E' (1970-1971), 'L' (1974)			4.250"/108.0mm x 4.000"/101.6mm					211
Connecting Rod Bearing Pair (8)	AL-5	CB-743A	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920	
Connecting Rod Bearing Pair (8)	TM-77	CB-743P	STD,1,10,20,30,40,50	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920	
Connecting Rod Bearing Set	AL-5	CB-743A(8)	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920	
Connecting Rod Bearing Set	TM-77	CB-743P(8)	STD,1,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920	
Main Bearing Set 1-2-3-4	AL-5	MS-829A MB-2403A	STD,10,20,30,40	2.7482/2.7492	0.0007/0.0032	0.0934	2.9370/2.9380	1.0440	
5		MB-2404A(F)		2.7480/2.7490	0.0009/0.0039	0.0937	2.9370/2.9380	1.8110	
Main Bearing Set 1-2-3-4	TM-77	MS-829P MB-2403P	STD,1,10,20,30,40	2.7482/2.7492	0.0007/0.0032	0.0934	2.9370/2.9380	1.0440	
5		MB-2404P(F)		2.7480/2.7490	0.0009/0.0039	0.0937	2.9370/2.9380	1.8110	
Camshaft Bearing Set 1	B-1	SH-616S SH-615	STD	1.9485/1.9495	0.0006/0.0046	0.0941	2.1395/2.1405	0.8600	
2-5		SH-616		1.9485/1.9495	0.0006/0.0046	0.0891	2.1295/2.1305	0.9800	
3-4		SH-617		1.9485/1.9495	0.0006/0.0046	0.0860	2.1195/2.1205	0.9800	
Camshaft Bearing Set	B-2	SH-2144S	STD						
212	7.4L 454 CID OHV 16V V8 GMC VIN Code: 'W' (1980-1989)			4.250"/108.0mm x 4.000"/101.6mm					212
Connecting Rod Bearing Set	AL-5	CB-743A(8)	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920	
Connecting Rod Bearing Set	TM-77	CB-743P(8)	STD,1,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920	
Main Bearing Set 1-2-3-4	AL-5	MS-829A MB-2403A	STD,10,20,30,40	2.7482/2.7492	0.0007/0.0032	0.0934	2.9370/2.9380	1.0440	
5		MB-2404A(F)		2.7480/2.7490	0.0009/0.0039	0.0937	2.9370/2.9380	1.8110	
Main Bearing Set 1-2-3-4	TM-77	MS-829P MB-2403P	STD,1,10,20,30,40	2.7482/2.7492	0.0007/0.0032	0.0934	2.9370/2.9380	1.0440	
5		MB-2404P(F)		2.7480/2.7490	0.0009/0.0039	0.0937	2.9370/2.9380	1.8110	
Camshaft Bearing Set 1	B-1	SH-616S SH-615	STD	1.9485/1.9495	0.0006/0.0046	0.0941	2.1395/2.1405	0.8600	
2-5		SH-616		1.9485/1.9495	0.0006/0.0046	0.0891	2.1295/2.1305	0.9800	
3-4		SH-617		1.9485/1.9495	0.0006/0.0046	0.0860	2.1195/2.1205	0.9800	
Camshaft Bearing Set	B-2	SH-2144S	STD						



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
213	7.5L 455 CID OHV 16V V8 GMC; Pontiac			4.150"/105.4mm x 4.210"/107.0mm				213
	VIN Code: 'W' (1975-1976)							
	7.5L 7456 CC 455 CID OHV 16V V8 GMC WA, WC, WG, WJ, XF, YA, YC, YH			4.150"/105.4mm x 4.210"/107.0mm				
	VIN Codes: 'T' (1972-1974), 'U' (1972), 'V' (1972), 'Y' (1972-1974)							
	7.5L 7456 CC 455 CID OHV 16V V8 GMC; Super Duty			4.150"/105.4mm x 4.210"/107.0mm				
	VIN Code: 'X' (1973-1974)							
	7.5L 7456 CC 455 CID OHV 16V V8 GMC WC, WL, YA, YE; HO			4.150"/105.4mm x 4.210"/107.0mm				
	VIN Code: 'X' (1972)							
	7.5L 7457 CC 455 CID OHV 16V V8 GMC; Pontiac			4.150"/105.4mm x 4.210"/107.0mm				
	VIN Code: 'W' (1972-1974)							
Connecting Rod Bearing Pair (8)	TM-77	CB-758P	STD,1,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
Connecting Rod Bearing Set	TM-77	CB-758P(8)	STD,10,20,30,40	2.2487/2.2497	0.0015/0.0040	0.0619	2.3745/2.3750	0.8860
Main Bearing Set	TM-77	MS-667P	STD,10,20					
1-2-3		MB-2215P		3.2490/3.2500	0.0005/0.0035	0.0939	3.4380/3.4390	0.9430
4		MB-2216P(F)		3.2490/3.2500	0.0005/0.0035	0.0939	3.4380/3.4390	1.1950
5		MB-2217P		3.2490/3.2500	0.0005/0.0035	0.0939	3.4380/3.4390	1.5950
Camshaft Bearing Set	B-1	SH-292S	STD					
1-2-3-4-5		SH-292		1.8992/1.8997	0.0010/0.0060	0.0644	2.0297/2.0307	0.6800
214	7.5L 455 CID OHV 16V V8 GMC; Oldsmobile			4.150"/105.4mm x 4.210"/107.0mm				214
	VIN Code: 'T' (1975-1976)							
Connecting Rod Bearing Pair (8)	TM-77	CB-542P	STD,10,20,30,40	2.4988/2.4998	0.0007/0.0032	0.0620	2.6245/2.6250	0.8310
Connecting Rod Bearing Set	TM-77	CB-542P(8)	STD,10,20,30,40	2.4988/2.4998	0.0007/0.0032	0.0620	2.6245/2.6250	0.8310
Main Bearing Set	TM-77	MS-804P	STD,10,20					
1		MB-2362P		2.9993/3.0003	0.0008/0.0038	0.0936	3.1880/3.1890	0.9800
2-4		MB-2163P		2.9993/3.0003	0.0008/0.0038	0.0936	3.1880/3.1890	0.9790
3		MB-2363P(F)		2.9993/3.0003	0.0008/0.0038	0.0936	3.1880/3.1890	1.1950
5		MB-2364P		2.9993/3.0003	0.0016/0.0049	0.0932	3.1880/3.1890	1.6290
Main Bearing Set	TM-77	MS-908P	STD,10,20					
1-2-4		MB-2505P		3.2495/3.2500	0.0011/0.0036	0.0936	3.4380/3.4390	0.8070
3		MB-2506P(F)		3.2495/3.2500	0.0011/0.0036	0.0936	3.4380/3.4390	1.0580
5		MB-2507P		3.2495/3.2500	0.0011/0.0036	0.0936	3.4380/3.4390	1.1480
Camshaft Bearing Set	B-1	SH-1354S	STD					
1		SH-1354		2.0365/2.0373	0.0015/0.0050	0.0646	2.1680/2.1695	0.6930
2		SH-1355		2.0165/2.0173	0.0015/0.0050	0.0646	2.1480/2.1495	0.6930
3		SH-1356		1.9965/1.9973	0.0015/0.0050	0.0646	2.1280/2.1295	0.6930
4		SH-1357		1.9765/1.9773	0.0015/0.0050	0.0646	2.1080/2.1095	0.6930
5		SH-1358		1.9565/1.9573	0.0015/0.0050	0.0646	2.0880/2.0895	0.6930
Camshaft Bearing Set	B-1	SH-1361S	STD					
1		SH-1360		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.7550
2-3-4-5		SH-1361		1.7850/1.7860	0.0011/0.0053	0.0642	1.9155/1.9175	0.6250
215	7.5L 455 CID OHV 16V V8 GMC; Oldsmobile			4.150"/105.4mm x 4.210"/107.0mm				215
	VIN Code: 'S' (1976)							
Connecting Rod Bearing Pair (8)	TM-77	CB-542P	STD,10,20,30,40	2.4988/2.4998	0.0007/0.0032	0.0620	2.6245/2.6250	0.8310



GENERAL MOTORS CORP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
215 (cont.)	7.5L 455 CID OHV 16V V8 GMC; Oldsmobile VIN Code: 'S' (1976)			4.150"/105.4mm x 4.210"/107.0mm				215 (cont.)
Connecting Rod Bearing Set	TM-77	CB-542P(8)	STD,10,20,30,40	2.4988/2.4998	0.0007/0.0032	0.0620	2.6245/2.6250	0.8310
Camshaft Bearing Set	B-1	SH-1354S	STD					
1		SH-1354		2.0365/2.0373	0.0015/0.0050	0.0646	2.1680/2.1695	0.6930
2		SH-1355		2.0165/2.0173	0.0015/0.0050	0.0646	2.1480/2.1495	0.6930
3		SH-1356		1.9965/1.9973	0.0015/0.0050	0.0646	2.1280/2.1295	0.6930
4		SH-1357		1.9765/1.9773	0.0015/0.0050	0.0646	2.1080/2.1095	0.6930
5		SH-1358		1.9565/1.9573	0.0015/0.0050	0.0646	2.0880/2.0895	0.6930
216	8.1L 496 CID OHV 16V V8 GMC; Vortec VIN Code: 'G' (2001-2007)			4.250"/108.0mm x 4.370"/111.0mm				216
Connecting Rod Bearing Pair (8)	AL-5	CB-743A	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Pair (8)	TM-77	CB-743P	STD,1,10,20,30,40,50	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Pair (8)	TM-77	CB-1282P	STD,1	2.1990/2.2000	0.0014/0.0039	0.0620	2.3247/2.3252	0.8920
NOTE: No Dowel Hole In Cap Half								
Connecting Rod Bearing Set	AL-5	CB-743A(8)	STD,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Connecting Rod Bearing Set	TM-77	CB-743P(8)	STD,1,10,20,30,40	2.1990/2.2000	0.0012/0.0037	0.0620	2.3247/2.3252	0.8920
Main Bearing Set	AL-5	MS-2327A	STD,10,20,30					
1-2-3-4		MB-3774A		2.7482/2.7489	0.0007/0.0030	0.0934	2.9370/2.9380	1.0470
5		MB-3775A(F)		2.7482/2.7489	0.0007/0.0030	0.9370	2.9370/2.9380	1.8110
Camshaft Bearing Set	B-1	SH-616S	STD					
1		SH-615		1.9485/1.9495	0.0006/0.0046	0.0941	2.1395/2.1405	0.8600
2-5		SH-616		1.9485/1.9495	0.0006/0.0046	0.0891	2.1295/2.1305	0.9800
3-4		SH-617		1.9485/1.9495	0.0006/0.0046	0.0860	2.1195/2.1205	0.9800
Camshaft Bearing Set	B-2	SH-2144S	STD					
217	8.2L 8193 CC 500 CID OHV 16V V8 GMC VIN Code: '1' (1971)			4.300"/109.2mm x 4.300"/109.2mm				217
Connecting Rod Bearing Pair (8)	TM-77	CB-542P	STD,10,20,30,40	2.4988/2.4998	0.0007/0.0032	0.0620	2.6245/2.6250	0.8310
Connecting Rod Bearing Set	TM-77	CB-542P(8)	STD,10,20,30,40	2.4988/2.4998	0.0007/0.0032	0.0620	2.6245/2.6250	0.8310
Main Bearing Set	TM-77	MS-970AL	STD,10					
2-4		MB-2536AL		3.2490/3.2500	0.0006/0.0033	0.0940	3.4383/3.4390	1.0670
3		MB-2537AL(F)		3.2490/3.2500	0.0006/0.0033	0.0940	3.4383/3.4390	1.2590
5		MB-2538AL		3.2490/3.2500	0.0006/0.0033	0.0940	3.4383/3.4390	1.1950



HONDA

ENGINE	YEAR	BORE & STROKE	BLOCK
1.2L 1169 CC 71 CID SOHC 8V L4 EB1	1973	2.760"/70.0mm x 2.990"/76.0mm	1
1.2L 1238 CC 76 CID SOHC 8V L4 EB2	1974	2.830"/72.0mm x 2.990"/76.0mm	2
1.2L 1237 CC SOHC 8V L4 EB2, EB3	1974-1979	2.840"/72.0mm x 2.990"/76.0mm	1
1.3L 1335 CC SOHC 8V L4	1980-1983	2.840"/72.0mm x 3.230"/82.0mm	1
1.3L 1339 CC SOHC 8V L4 LDA1, LDA2; VTEC	2003-2010	2.870"/73.0mm x 3.150"/80.0mm	3
1.3L 1342 CC 82 CID SOHC 16V L4	1984-1987	2.910"/74.0mm x 3.070"/78.0mm	4
1.3L 1342 CC 82 CID SOHC 16V L4 EV1	1984	2.910"/74.0mm x 3.070"/78.0mm	5
1.5L 1493 CC SOHC 4V L4 D15B2	1988-1991	2.950"/75.0mm x 3.330"/84.5mm	6
1.5L 1497 CC SOHC 8V L4 LEA2; i-VTEC	2012-2013	2.870"/73.0mm x 3.520"/89.4mm	3
1.5L 1487 CC SOHC 8V L4	1980-1986	2.910"/74.0mm x 3.410"/86.5mm	8
1.5L 1487 CC SOHC 8V L4	1984-1986	2.910"/74.0mm x 3.410"/86.5mm	7
1.5L 1487 CC SOHC 8V L4 EM1	1981	2.910"/74.0mm x 3.410"/86.5mm	9
1.5L 1487 CC SOHC 8V L4 EM1	1982-1983	2.910"/74.0mm x 3.410"/86.5mm	10
1.5L 1487 CC SOHC 8V L4 EW1	1984-1986	2.910"/74.0mm x 3.410"/86.5mm	11
1.5L 1493 CC SOHC 8V L4	1988-1989	2.950"/75.0mm x 3.330"/84.5mm	5
1.5L 1493 CC SOHC 8V L4 D15B6, D15B8	1990-1995	2.950"/75.0mm x 3.330"/84.5mm	6
1.5L 1487 CC SOHC 12V L4 D15A2	1987	2.910"/74.0mm x 3.410"/86.5mm	6
1.5L 1487 CC SOHC 12V L4 ED1, ED2, ED3, ED4	1975-1979	2.910"/74.0mm x 3.410"/86.5mm	12
1.5L 1497 CC SOHC 16V L4 L15A1; VTEC	2007-2008	2.870"/73.0mm x 3.520"/89.4mm	3
1.5L 1497 CC SOHC 16V L4 L15A7; i-VTEC	2009-2013	2.870"/73.0mm x 3.520"/89.4mm	3
1.5L 1497 CC 91 CID SOHC 16V L4 LEA1; i-VTEC	2011-2016	2.870"/73.0mm x 3.500"/89.0mm	13
1.5L 1487 CC SOHC 16V L4	1984	2.910"/74.0mm x 3.410"/86.5mm	6
1.5L 1493 CC SOHC 16V L4	1988-1991	2.950"/75.0mm x 3.330"/84.5mm	2
1.5L 1493 CC SOHC 16V L4 D15B7	1992-1995	2.950"/75.0mm x 3.330"/84.5mm	6
1.5L 1493 CC SOHC 16V L4 D15Z1; VTEC	1992-1995	2.950"/75.0mm x 3.540"/90.0mm	6
1.6L 1590 CC 97 CID SOHC 8V L4 D16B5	1998-2000	2.950"/75.0mm x 3.540"/90.0mm	16
1.6L 1599 CC SOHC 12V L4 EF1	1976-1978	2.950"/75.0mm x 3.540"/90.0mm	12
1.6L 1590 CC 97 CID SOHC 16V L4	1997-2000	2.950"/75.0mm x 3.540"/90.0mm	16
1.6L 1595 CC DOHC 16V L4 B16A2; VTEC	1996-2000	2.950"/75.0mm x 3.540"/90.0mm	14
1.6L 1590 CC 97 CID DOHC 16V L4 B16A3; VTEC	1994-1995	2.950"/75.0mm x 3.540"/90.0mm	17
1.6L 1590 CC 97 CID SOHC 16V L4 D16A6, D16Y7	1988-2000	2.950"/75.0mm x 3.540"/90.0mm	15
1.6L 1590 CC 97 CID SOHC 16V L4 D16Y8, D16Z6; VTEC	1992-2000	2.950"/75.0mm x 3.540"/90.0mm	15
1.6L 1590 CC SOHC 16V L4 D16Y5; VTEC	1996-2000	2.960"/75.2mm x 3.540"/90.0mm	15
1.7L 1668 CC SOHC 16V L4 D17A1, D17A2, D17A6, D17A7	2001-2005	2.950"/75.0mm x 3.720"/94.4mm	18
1.7L 1700 CC SOHC 16V L4 D17A1, D17A2, D17A6, D17A7	2002-2004	2.950"/75.0mm x 3.720"/94.4mm	18
1.8L 1829 CC SOHC 8V L4 ET2	1983-1986	3.180"/80.7mm x 3.390"/86.0mm	19
1.8L 1751 CC SOHC 12V L4	1981-1983	3.030"/77.0mm x 3.700"/94.0mm	20
1.8L 1751 CC SOHC 12V L4 EK1	1979-1983	3.030"/77.0mm x 3.700"/94.0mm	12
1.8L 1829 CC SOHC 12V L4 ES2	1984-1985	3.150"/80.0mm x 3.580"/91.0mm	19
1.8L 1829 CC SOHC 12V L4	1985	3.150"/80.0mm x 3.580"/91.0mm	2
1.8L 1829 CC SOHC 12V L4 A18A1	1987	3.180"/80.7mm x 3.390"/86.0mm	19
1.8L 1799 CC SOHC 16V L4 R18A1, R18A4, R18A9; i-VTEC	2006-2015	3.190"/81.0mm x 3.440"/87.3mm	21
1.8L 1799 CC 110 CID SOHC 16V L4 R18A1-62	2011-2014	3.190"/81.0mm x 3.440"/87.3mm	21
1.8L 1798 CC SOHC 16V L4 R18Z1; i-VTEC	2012-2015	3.190"/81.0mm x 3.440"/87.3mm	21
1.8L 1799 CC SOHC 16V L4 R18Z9; i-VTEC	2016-2017	3.190"/81.0mm x 3.440"/87.3mm	21
2.0L 1958 CC SOHC 12V L4	1988-1990	3.190"/81.0mm x 3.740"/95.0mm	16
2.0L 1955 CC SOHC 12V L4 A20A1, A20A3, BS, BT	1985-1989	3.410"/86.5mm x 3.320"/84.4mm	19
2.0L 1958 CC DOHC 16V L4 B20A5	1988-1991	3.190"/81.0mm x 3.740"/95.0mm	22
2.0L 1972 CC DOHC 16V L4 B20B4, B20Z2	1997-2001	3.310"/84.0mm x 3.500"/88.8mm	23
2.0L 1998 CC 122 CID DOHC 16V L4 K20A3; VTEC	2002-2005	3.390"/86.0mm x 3.390"/86.0mm	25



HONDA

ENGINE	YEAR	BORE & STROKE	BLOCK
2.0L 1998 CC 122 CID DOHC 16V L4 K20Z3; i-VTEC	2006-2010	3.390"/86.0mm x 3.390"/86.0mm	26
2.0L 1997 CC DOHC 16V L4 F20C1; VTEC	2000-2003	3.420"/87.0mm x 3.310"/84.0mm	24
2.1L 2056 CC DOHC 16V L4 B21A1	1990-1991	3.270"/83.0mm x 3.740"/95.0mm	22
2.2L 2156 CC SOHC 16V L4 F22A1, F22A4, F22A6, F22B6	1990-1997	3.350"/85.0mm x 3.740"/95.0mm	27
2.2L 2156 CC SOHC 16V L4 F22B1; VTEC	1994-1997	3.350"/85.0mm x 3.740"/95.0mm	27
2.2L 2156 CC SOHC 16V L4 F22B2	1994-1997	3.350"/85.0mm x 3.740"/95.0mm	28
2.2L 2156 CC DOHC 16V L4 H22A1; VTEC	1993-1996	3.350"/85.0mm x 3.740"/95.0mm	27
2.2L 2157 CC DOHC 16V L4 F22C1; VTEC	2004-2009	3.430"/87.0mm x 3.570"/90.7mm	24
2.2L 2156 CC DOHC 16V L4 H22A4; VTEC	1997-2001	3.430"/87.0mm x 3.570"/90.7mm	29
2.3L 2254 CC SOHC 16V L4 F23A1, F23A4, F23A5	1998-2002	3.390"/86.0mm x 3.820"/97.0mm	30
2.3L 2234 CC SOHC 16V L4 F23A7; VTEC	1998	3.390"/86.0mm x 3.820"/97.0mm	31
2.3L 2259 CC DOHC 16V L4	1993-1994	3.520"/89.3mm x 3.500"/89.0mm	32
2.3L 2259 CC DOHC 16V L4 H23A1	1992-1996	3.520"/89.3mm x 3.500"/89.0mm	27
2.4L 2354 CC DOHC 16V L4 K24A1, K24A4; VTEC	2002-2006	3.420"/87.0mm x 3.890"/99.0mm	33
2.4L 2354 CC DOHC 16V L4 K24A8; VTEC	2006-2011	3.420"/87.0mm x 3.890"/99.0mm	34
2.4L 2354 CC DOHC 16V L4 K24Z1; i-VTEC	2007-2009	3.420"/87.0mm x 3.890"/99.0mm	33
2.4L 2354 CC DOHC 16V L4 K24Z2, K24Z3; i-VTEC	2008-2012	3.420"/87.0mm x 3.890"/99.0mm	34
2.4L 2354 CC DOHC 16V L4 K24Z6, K24Z7; i-VTEC	2010-2014	3.420"/87.0mm x 3.890"/99.0mm	35
2.4L 2354 CC 144 CID DOHC 16V L4 K24Z2, K24Z3, K24Z3-375	2008-2010	3.430"/87.0mm x 3.900"/99.0mm	36
2.6L 2559 CC SOHC 8V L4 ISUZU 4ZE1	1994-1996	3.650"/92.6mm x 3.740"/95.0mm	37
3.0L 2997 CC SOHC 24V V6 J30A1, J30A5; VTEC	1998-2007	3.390"/86.0mm x 3.390"/86.0mm	38
3.0L 2977 CC SOHC 24V V6 J30A4; VTEC	2003-2005	3.390"/86.0mm x 3.390"/86.0mm	38
3.0L 2997 CC SOHC 24V V6 JNA1; i-VTEC	2005-2007	3.390"/86.0mm x 3.390"/86.0mm	39
3.2L 3165 CC SOHC 24V V6 ISUZU 6VD1	1994-2002	3.600"/91.4mm x 3.150"/80.0mm	40
3.5L 3471 CC SOHC 24V V6 J35A6, J35A7, J35A9, J35Z1; VTEC	2005-2010	3.500"/89.0mm x 3.660"/93.0mm	41
3.5L 3471 CC 212 CID SOHC 24V V6 J35A6-6	2011-2014	3.500"/89.0mm x 3.660"/93.0mm	45
3.5L 3471 CC SOHC 24V V6 J35Y1; i-VTEC	2013	3.500"/89.0mm x 3.660"/93.0mm	42
3.5L 3471 CC SOHC 24V V6 J35Z2, J35Z4; i-VTEC	2008-2015	3.500"/89.0mm x 3.660"/93.0mm	43
3.5L 3471 CC SOHC 24V V6 J35Z3; i-VTEC	2008-2012	3.500"/89.0mm x 3.660"/93.0mm	44
3.5L 3471 CC SOHC 24V V6 J35Z5; VTEC	2009-2014	3.500"/89.0mm x 3.660"/93.0mm	43
3.5L 3471 CC SOHC 24V V6 J35Z8; VTEC	2011-2014	3.500"/89.0mm x 3.660"/93.0mm	39
3.5L 3474 CC SOHC 24V V6 J35A1, J35A4	1999-2004	3.540"/90.0mm x 3.580"/91.0mm	41
3.5L 3475 CC SOHC 24V V6 J35A4	2003-2004	3.540"/90.0mm x 3.580"/91.0mm	41

MODEL	ENGINE	YEAR	BLOCK
Accord	1.6L 1599 CC SOHC 12V L4	1976-1978	12
Accord	1.8L 1751 CC SOHC 12V L4	1979-1983	12
Accord	1.8L 1751 CC SOHC 12V L4	1981-1983	20
Accord	1.8L 1829 CC SOHC 12V L4	1984-1985	19
Accord	1.8L 1829 CC SOHC 12V L4	1985	2
Accord	2.0L 1955 CC SOHC 12V L4	1986-1989	19
Accord	2.2L 2156 CC SOHC 16V L4	1990-1997	27
Accord	2.2L 2156 CC SOHC 16V L4	1994-1997	28
Accord	2.3L 2254 CC SOHC 16V L4	1998-2002	30
Accord	2.4L 2354 CC DOHC 16V L4; VTEC	2003-2005	33
Accord	2.4L 2354 CC DOHC 16V L4; VTEC	2006-2012	34
Accord	3.0L 2977 CC SOHC 24V V6; VTEC	2003-2005	38

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MODEL	ENGINE	YEAR	BLOCK
Accord	3.0L 2997 CC SOHC 24V V6; VTEC	1998-2007	38
Accord	3.0L 2997 CC SOHC 24V V6; i-VTEC	2005-2007	39
Accord	3.5L 3471 CC SOHC 24V V6; i-VTEC	2008-2012	44
Accord	3.5L 3471 CC SOHC 24V V6; i-VTEC	2008-2012	43
Accord	2.4L 2354 CC 144 CID DOHC 16V L4	2008-2010	36
Accord Crosstour	3.5L 3471 CC SOHC 24V V6; i-VTEC	2010-2011	43
Civic	1.2L 1237 CC SOHC 8V L4	1974-1979	1
Civic	1.3L 1335 CC SOHC 8V L4	1980-1983	1
Civic	1.3L 1339 CC SOHC 8V L4; VTEC	2003-2010	3
Civic	1.5L 1487 CC SOHC 12V L4	1975-1979	12
Civic	1.5L 1487 CC SOHC 8V L4	1980-1985	8
Civic	1.5L 1487 CC SOHC 8V L4	1981	9
Civic	1.5L 1487 CC SOHC 8V L4	1982-1983	10
Civic	1.5L 1487 CC SOHC 16V L4	1984	6
Civic	1.5L 1487 CC SOHC 8V L4	1984-1986	7
Civic	1.5L 1487 CC SOHC 8V L4	1986	11
Civic	1.5L 1487 CC SOHC 12V L4	1987	6
Civic	1.5L 1493 CC SOHC 4V L4	1988-1991	6
Civic	1.5L 1493 CC SOHC 16V L4	1988-1991	2
Civic	1.5L 1493 CC SOHC 8V L4	1992-1995	6
Civic	1.5L 1493 CC SOHC 16V L4	1992-1995	6
Civic	1.5L 1497 CC SOHC 8V L4; i-VTEC	2012-2013	3
Civic	1.6L 1590 CC SOHC 16V L4; VTEC	1996-2000	15
Civic	1.6L 1595 CC DOHC 16V L4; VTEC	1999-2000	14
Civic	1.7L 1668 CC SOHC 16V L4	2001-2005	18
Civic	1.7L 1700 CC SOHC 16V L4	2002-2004	18
Civic	1.8L 1798 CC SOHC 16V L4; i-VTEC	2012-2015	21
Civic	1.8L 1799 CC SOHC 16V L4; i-VTEC	2006-2015	21
Civic	1.2L 1169 CC 71 CID SOHC 8V L4	1973	1
Civic	1.2L 1238 CC 76 CID SOHC 8V L4	1974	2
Civic	1.3L 1342 CC 82 CID SOHC 16V L4	1984	5
Civic	1.3L 1342 CC 82 CID SOHC 16V L4	1984-1987	4
Civic	1.6L 1590 CC 97 CID SOHC 16V L4	1988-2000	15
Civic	1.6L 1590 CC 97 CID SOHC 16V L4	1997-2000	16
Civic	1.6L 1590 CC 97 CID SOHC 8V L4	1998-2000	16
Civic	1.8L 1799 CC 110 CID SOHC 16V L4	2011-2014	21
Civic	2.0L 1998 CC 122 CID DOHC 16V L4; VTEC	2002-2005	25
Civic	2.0L 1998 CC 122 CID DOHC 16V L4; i-VTEC	2006-2010	26
Civic del Sol	1.6L 1590 CC 97 CID SOHC 16V L4	1993-1997	15
Civic del Sol	1.5L 1493 CC SOHC 16V L4	1993-1995	6
Civic del Sol	1.6L 1595 CC DOHC 16V L4; VTEC	1996-1997	14
Civic del Sol	1.6L 1590 CC 97 CID DOHC 16V L4; VTEC	1994-1995	17
Crosstour	3.5L 3471 CC SOHC 24V V6; i-VTEC	2012-2013	43
Crosstour	3.5L 3471 CC SOHC 24V V6; i-VTEC	2013	42
CR-V	2.0L 1972 CC DOHC 16V L4	1997-2001	23
CR-V	2.4L 2354 CC DOHC 16V L4; VTEC	2002-2009	33
CR-V	2.4L 2354 CC DOHC 16V L4; i-VTEC	2010-2014	35
CRX	1.5L 1493 CC SOHC 8V L4	1988-1989	5
CRX	1.5L 1493 CC SOHC 4V L4	1988-1991	6
CRX	1.5L 1493 CC SOHC 8V L4	1990-1991	6



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MODEL	ENGINE	YEAR	BLOCK
CRX	1.6L 1590 CC 97 CID SOHC 16V L4	1988-1991	15
CR-Z	1.5L 1497 CC 91 CID SOHC 16V L4; i-VTEC	2011-2016	13
Element	2.4L 2354 CC DOHC 16V L4; VTEC	2003-2006	33
Element	2.4L 2354 CC DOHC 16V L4; VTEC	2007-2011	34
Fit	1.5L 1497 CC SOHC 16V L4; VTEC	2007-2013	3
HR-V	1.8L 1799 CC SOHC 16V L4; i-VTEC	2016-2017	21
Odyssey	2.2L 2156 CC SOHC 16V L4	1995-1997	27
Odyssey	2.3L 2234 CC SOHC 16V L4; VTEC	1998	31
Odyssey	3.5L 3471 CC SOHC 24V V6; VTEC	2005-2010	41
Odyssey	3.5L 3471 CC SOHC 24V V6; VTEC	2011-2014	39
Odyssey	3.5L 3474 CC SOHC 24V V6	1999-2004	41
Odyssey	3.5L 3471 CC 212 CID SOHC 24V V6	2011-2014	45
Passport	2.6L 2559 CC SOHC 8V L4 ISUZU	1994-1996	37
Passport	3.2L 3165 CC SOHC 24V V6 ISUZU	1994-2002	40
Pilot	3.5L 3471 CC SOHC 24V V6; VTEC	2005-2008	41
Pilot	3.5L 3471 CC SOHC 24V V6; i-VTEC	2009-2015	43
Pilot	3.5L 3475 CC SOHC 24V V6	2003-2004	41
Prelude	1.8L 1751 CC SOHC 12V L4	1979-1982	12
Prelude	1.8L 1829 CC SOHC 8V L4	1983-1986	19
Prelude	1.8L 1829 CC SOHC 12V L4	1987	19
Prelude	2.0L 1955 CC SOHC 12V L4	1985-1987	19
Prelude	2.0L 1958 CC SOHC 12V L4	1988-1990	16
Prelude	2.0L 1958 CC DOHC 16V L4	1988-1991	22
Prelude	2.1L 2056 CC DOHC 16V L4	1990-1991	22
Prelude	2.2L 2156 CC SOHC 16V L4	1992-1996	27
Prelude	2.2L 2156 CC DOHC 16V L4; VTEC	1993-1996	27
Prelude	2.2L 2156 CC DOHC 16V L4; VTEC	1997-2001	29
Prelude	2.3L 2259 CC DOHC 16V L4	1992-1996	27
Prelude	2.3L 2259 CC DOHC 16V L4	1993-1994	32
Ridgeline	3.5L 3471 CC SOHC 24V V6; VTEC	2006-2010	41
Ridgeline	3.5L 3471 CC SOHC 24V V6; VTEC	2009-2014	43
S2000	2.0L 1997 CC DOHC 16V L4; VTEC	2000-2003	24
S2000	2.2L 2157 CC DOHC 16V L4; VTEC	2004-2009	24
Wagovan	1.5L 1487 CC SOHC 8V L4	1984	11
Wagovan	1.5L 1487 CC SOHC 8V L4	1986	8
Wagovan	1.5L 1487 CC SOHC 12V L4	1987	6

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL BORE	BRG O.D. OR HOUSING BORE	MAX LENGTH
								4 CYL
1		1.2L 1237 CC SOHC 8V L4 HONDA	EB2, EB3 (1974-1979)		2.840"/72.0mm x		2.990"/76.0mm	1
		1.2L 1169 CC 71 CID SOHC 8V L4 HONDA	EB1 (1973)		2.760"/70.0mm x		2.990"/76.0mm	
		1.3L 1335 CC SOHC 8V L4 HONDA	(1980-1983)		2.840"/72.0mm x		3.230"/82.0mm	
Main Bearing Set	TM-1	MS-1431P	STD					



HONDA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
1 (cont.)	1.2L 1237 CC SOHC 8V L4 HONDA EB2, EB3 (1974-1979)					2.840"/72.0mm x 2.990"/76.0mm		1 (cont.)
	1.2L 1169 CC 71 CID SOHC 8V L4 HONDA EB1 (1973)					2.760"/70.0mm x 2.990"/76.0mm		
	1.3L 1335 CC SOHC 8V L4 HONDA (1980-1983)					2.840"/72.0mm x 3.230"/82.0mm		
Thrust Washer Set		TW-327S MB-2753W	STD	2.1850/2.2440		3.0510/3.0710		0.0970
2	1.2L 1238 CC 76 CID SOHC 8V L4 HONDA EB2 (1974)					2.830"/72.0mm x 2.990"/76.0mm		2
	1.5L 1493 CC SOHC 16V L4 HONDA (1988-1991)					2.950"/75.0mm x 3.330"/84.5mm		
	1.8L 1829 CC SOHC 12V L4 HONDA (1985)					3.150"/80.0mm x 3.580"/91.0mm		
Thrust Washer Set		TW-327S MB-2753W	STD	2.1850/2.2440		3.0510/3.0710		0.0970
3	1.3L 1339 CC SOHC 8V L4 HONDA LDA1, LDA2; VTEC (2003-2010)					2.870"/73.0mm x 3.150"/80.0mm		3
	1.5L 1497 CC SOHC 8V L4 HONDA LEA2; i-VTEC (2012-2013)					2.870"/73.0mm x 3.520"/89.4mm		
	1.5L 1497 CC SOHC 16V L4 HONDA L15A1; VTEC (2007-2008)					2.870"/73.0mm x 3.520"/89.4mm		
	1.5L 1497 CC SOHC 16V L4 HONDA L15A7; i-VTEC (2009-2013)					2.870"/73.0mm x 3.520"/89.4mm		
Connecting Rod Bearing Pair (4)		AL-3	CB-1862A	STD, .25mm, .50mm	1.5739/1.5748		0.0597 1.6929	0.5315
Connecting Rod Bearing Set		AL-3	CB-1862A(4)	STD, .25mm, .50mm	1.5739/1.5748		0.0597 1.6929	0.5315
Main Bearing Set 1-2-3-4-5		AL-3	MS-2266A MB-3896AL	STD, .25mm, .50mm	1.9676/1.9685		0.0795 2.1260	0.6693
4	1.3L 1342 CC 82 CID SOHC 16V L4 HONDA (1984-1987)					2.910"/74.0mm x 3.070"/78.0mm		4
Main Bearing Set 1-2-3-4-5		AL-3	MS-1806AL MB-3178AL	STD, .25mm, .50mm	1.7707/1.7717		0.0009/0.0017 0.0788 1.9291/1.9300	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-327S								
Main Bearing Set For Years: 1985 - 1986		TM-1	MS-1431P	STD				
Thrust Washer Set For Years: 1984 - 1986		TW-327S MB-2753W	STD	2.1850/2.2440		3.0510/3.0710		0.0970
5	1.3L 1342 CC 82 CID SOHC 16V L4 HONDA EV1 (1984)					2.910"/74.0mm x 3.070"/78.0mm		5
	1.5L 1493 CC SOHC 8V L4 HONDA (1988-1989)					2.950"/75.0mm x 3.330"/84.5mm		
Main Bearing Set 1-2-3-4-5		AL-3	MS-1806AL MB-3178AL	STD, .25mm, .50mm	1.7707/1.7717		0.0009/0.0017 0.0788 1.9291/1.9300	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-327S								
Thrust Washer Set		TW-327S MB-2753W	STD	2.1850/2.2440		3.0510/3.0710		0.0970



HONDA

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
4 CYL (cont.)									
6	1.5L 1493 CC SOHC 4V L4 HONDA D15B2 (1988-1991)			2.950"/75.0mm x 3.330"/84.5mm					6
	1.5L 1493 CC SOHC 8V L4 HONDA D15B6, D15B8 (1990-1995)			2.950"/75.0mm x 3.330"/84.5mm					
	1.5L 1487 CC SOHC 12V L4 HONDA D15A2 (1987)			2.910"/74.0mm x 3.410"/86.5mm					
	1.5L 1487 CC SOHC 16V L4 HONDA (1984)			2.910"/74.0mm x 3.410"/86.5mm					
	1.5L 1493 CC SOHC 16V L4 HONDA D15B7 (1992-1995)			2.950"/75.0mm x 3.330"/84.5mm					
	1.5L 1493 CC SOHC 16V L4 HONDA D15Z1; VTEC (1992-1995)			2.950"/75.0mm x 3.540"/90.0mm					
Connecting Rod Bearing Pair (4)	TM-1	CB-1459P	STD,.25mm,.50mm	1.6525/1.6535	0.0008/0.0015	0.0590	1.7727	0.7280	
Main Bearing Set 1-2-3-4-5	AL-3	MS-1806AL MB-3178AL	STD,.25mm,.50mm	1.7707/1.7717	0.0009/0.0017	0.0788	1.9291/1.9300	0.7870	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-327S									
Thrust Washer Set		TW-327S MB-2753W	STD	2.1850/2.2440			3.0510/3.0710	0.0970	
7	1.5L 1487 CC SOHC 8V L4 HONDA (1984-1986)			2.910"/74.0mm x 3.410"/86.5mm					7
Connecting Rod Bearing Pair (4)	TM-1	CB-1459P	STD,.25mm,.50mm	1.6525/1.6535	0.0008/0.0015	0.0590	1.7727	0.7280	
Main Bearing Set 1-2-3-4-5	AL-3	MS-1806AL MB-3178AL	STD,.25mm,.50mm	1.7707/1.7717	0.0009/0.0017	0.0788	1.9291/1.9300	0.7870	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-327S									
Main Bearing Set	TM-1	MS-1431P	STD						
Thrust Washer Set		TW-327S MB-2753W	STD	2.1850/2.2440			3.0510/3.0710	0.0970	
8	1.5L 1487 CC SOHC 8V L4 HONDA (1980-1986)			2.910"/74.0mm x 3.410"/86.5mm					8
Connecting Rod Bearing Pair (4)	AL-5	CB-1223A	STD	1.6526/1.6535	0.0005/0.0034	0.0591	1.7717/1.7726	0.6890	
For Years: 1980 - 1982									
Connecting Rod Bearing Pair (4)	TM-77	CB-1223P	STD,.25mm,.50mm	1.6526/1.6535	0.0034	0.0591	1.7726	0.6890	
For Years: 1980 - 1982									
Connecting Rod Bearing Pair (4)	TM-1	CB-1459P	STD,.25mm,.50mm	1.6525/1.6535	0.0008/0.0015	0.0590	1.7727	0.7280	
For Years: 1984 - 1986									
Connecting Rod Bearing Set	AL-5	CB-1223A(4)	STD	1.6526/1.6535	0.0005/0.0034	0.0591	1.7717/1.7726	0.6890	
For Years: 1980 - 1982									
Main Bearing Set 1-2-3-4-5	AL-3	MS-1806AL MB-3178AL	STD,.25mm,.50mm	1.7707/1.7717	0.0009/0.0017	0.0788	1.9291/1.9300	0.7870	
For Years: 1981 - 1985									
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-327S									
Main Bearing Set	TM-1	MS-1431P	STD						



HONDA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
8 (cont.)	1.5L 1487 CC SOHC 8V L4 HONDA (1980-1986)			2.910"/74.0mm x 3.410"/86.5mm				8 (cont.)
Thrust Washer Set		TW-327S MB-2753W	STD	2.1850/2.2440		3.0510/3.0710		0.0970
For Years: 1981 - 1985								
9	1.5L 1487 CC SOHC 8V L4 HONDA EM1 (1981)			2.910"/74.0mm x 3.410"/86.5mm				9
Connecting Rod Bearing Pair (4)		AL-5 CB-1223A	STD	1.6526/1.6535	0.0005/0.0034	0.0591	1.7717/1.7726	0.6890
Connecting Rod Bearing Pair (4)		TM-77 CB-1223P	STD, .25mm, .50mm	1.6526/1.6535	0.0034	0.0591	1.7726	0.6890
Connecting Rod Bearing Set		AL-5 CB-1223A(4)	STD	1.6526/1.6535	0.0005/0.0034	0.0591	1.7717/1.7726	0.6890
Main Bearing Set 1-2-3-4-5		AL-3 MS-1806AL MB-3178AL	STD, .25mm, .50mm	1.7707/1.7717	0.0009/0.0017	0.0788	1.9291/1.9300	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-327S								
Thrust Washer Set		TW-327S MB-2753W	STD	2.1850/2.2440		3.0510/3.0710		0.0970
10	1.5L 1487 CC SOHC 8V L4 HONDA EM1 (1982-1983)			2.910"/74.0mm x 3.410"/86.5mm				10
Connecting Rod Bearing Pair (4)		AL-5 CB-1223A	STD	1.6526/1.6535	0.0005/0.0034	0.0591	1.7717/1.7726	0.6890
Connecting Rod Bearing Pair (4)		TM-77 CB-1223P	STD, .25mm, .50mm	1.6526/1.6535	0.0034	0.0591	1.7726	0.6890
Connecting Rod Bearing Set		AL-5 CB-1223A(4)	STD	1.6526/1.6535	0.0005/0.0034	0.0591	1.7717/1.7726	0.6890
Main Bearing Set 1-2-3-4-5		AL-3 MS-1806AL MB-3178AL	STD, .25mm, .50mm	1.7707/1.7717	0.0009/0.0017	0.0788	1.9291/1.9300	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-327S								
11	1.5L 1487 CC SOHC 8V L4 HONDA EW1 (1984-1986)			2.910"/74.0mm x 3.410"/86.5mm				11
Connecting Rod Bearing Pair (4)		TM-1 CB-1459P	STD, .25mm, .50mm	1.6525/1.6535	0.0008/0.0015	0.0590	1.7727	0.7280
Main Bearing Set		TM-1 MS-1431P	STD					
Thrust Washer Set		TW-327S MB-2753W	STD	2.1850/2.2440		3.0510/3.0710		0.0970
12	1.5L 1487 CC SOHC 12V L4 HONDA ED1, ED2, ED3, ED4 (1975-1979)			2.910"/74.0mm x 3.410"/86.5mm				12
	1.6L 1599 CC SOHC 12V L4 HONDA EF1 (1976-1978)			2.950"/75.0mm x 3.540"/90.0mm				
	1.8L 1751 CC SOHC 12V L4 HONDA EK1 (1979-1983)			3.030"/77.0mm x 3.700"/94.0mm				
Connecting Rod Bearing Pair (4)		AL-5 CB-1223A	STD	1.6526/1.6535	0.0005/0.0034	0.0591	1.7717/1.7726	0.6890
Connecting Rod Bearing Pair (4)		TM-77 CB-1223P	STD, .25mm, .50mm	1.6526/1.6535	0.0034	0.0591	1.7726	0.6890
Connecting Rod Bearing Set		AL-5 CB-1223A(4)	STD	1.6526/1.6535	0.0005/0.0034	0.0591	1.7717/1.7726	0.6890
Main Bearing Set		TM-1 MS-1431P	STD					



HONDA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
12 (cont.)	1.5L 1487 CC SOHC 12V L4 HONDA ED1, ED2, ED3, ED4 (1975-1979)					2.910"/74.0mm x 3.410"/86.5mm		12 (cont.)
	1.6L 1599 CC SOHC 12V L4 HONDA EF1 (1976-1978)					2.950"/75.0mm x 3.540"/90.0mm		
	1.8L 1751 CC SOHC 12V L4 HONDA EK1 (1979-1983)					3.030"/77.0mm x 3.700"/94.0mm		
Thrust Washer Set		TW-327S MB-2753W	STD	2.1850/2.2440		3.0510/3.0710		0.0970
13	1.5L 1497 CC 91 CID SOHC 16V L4 HONDA LEA1; i-VTEC (2011-2016)					2.870"/73.0mm x 3.500"/89.0mm		13
Connecting Rod Bearing Pair (4)		AL-3 CB-1862A	STD, .25mm, .50mm	1.5739/1.5748		0.0597 1.6929		0.5315
Connecting Rod Bearing Set		AL-3 CB-1862A(4)	STD, .25mm, .50mm	1.5739/1.5748		0.0597 1.6929		0.5315
14	1.6L 1595 CC DOHC 16V L4 HONDA B16A2; VTEC (1996-2000)					2.950"/75.0mm x 3.540"/90.0mm		14
Connecting Rod Bearing Pair (4)		TM-1 CB-1777P	STD, .25mm, .50mm	1.7717		0.0043 0.0586 1.8907		0.7677
Main Bearing Set 1-2-3-4-5		AL-5 MS-1804A MB-3176A	STD, .25mm	2.1644/2.1654		0.0010/0.0019 0.0790 2.3228/2.3237		0.7870
For Years: 1996 - 1997 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Main Bearing Set 1-2-3-4-5		TM-1 MS-1804P MB-3176P	STD, .25mm, .50mm	2.1644/2.1654		0.0010/0.0019 0.0790 2.3228/2.3237		0.7870
For Years: 1996 - 1997 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Main Bearing Set 1-2-3-4-5		TM-1 MS-2095P MB-3760P	STD, .25mm, .50mm	2.1644/2.1654		0.0010/0.0019 0.0785 2.3228/2.3237		0.7870
For Years: 1999 - 2000 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Thrust Washer Set		TM-1 TW-473S MB-3176W	STD	2.4114/2.4213		0.0984 3.2185/3.2283		0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804, MS-2095, MS-2355								
15	1.6L 1590 CC SOHC 16V L4 HONDA D16Y5; VTEC (1996-2000)					2.960"/75.2mm x 3.540"/90.0mm		15
	1.6L 1590 CC 97 CID SOHC 16V L4 HONDA D16A6, D16Y7 (1988-2000)					2.950"/75.0mm x 3.540"/90.0mm		
	1.6L 1590 CC 97 CID SOHC 16V L4 HONDA D16Y8, D16Z6; VTEC (1992-2000)					2.950"/75.0mm x 3.540"/90.0mm		
Connecting Rod Bearing Pair (4)		AL-5 CB-1461A	STD, .25mm, .50mm	1.7707/1.7717		0.0008/0.0015 0.0592 1.8898/1.8907		0.7280
Connecting Rod Bearing Pair (4)		TM-1 CB-1461P	STD, .25mm, .50mm	1.7707/1.7717		0.0008/0.0015 0.0592 1.8898/1.8907		0.7280
Connecting Rod Bearing Set		AL-3 CB-1461A(4)	STD, .25mm, .50mm	1.7707/1.7717		0.0008/0.0015 0.0592 1.8898/1.8907		0.7280



HONDA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
15 (cont.)	1.6L 1590 CC SOHC 16V L4 HONDA D16Y5; VTEC (1996-2000)			2.960"/75.2mm x 3.540"/90.0mm				15 (cont.)
	1.6L 1590 CC 97 CID SOHC 16V L4 HONDA D16A6, D16Y7 (1988-2000)			2.950"/75.0mm x 3.540"/90.0mm				
	1.6L 1590 CC 97 CID SOHC 16V L4 HONDA D16Y8, D16Z6; VTEC (1992-2000)			2.950"/75.0mm x 3.540"/90.0mm				
Main Bearing Set 1-2-3-4-5	AL-5	MS-1804A MB-3176A	STD, .25mm	2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Main Bearing Set 1-2-3-4-5	TM-1	MS-1804P MB-3176P	STD, .25mm, .50mm	2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Thrust Washer Set	TM-1	TW-473S MB-3176W	STD	2.4114/2.4213		0.0984	3.2185/3.2283	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804, MS-2095, MS-2355								
16	1.6L 1590 CC 97 CID SOHC 8V L4 HONDA D16B5 (1998-2000)			2.950"/75.0mm x 3.540"/90.0mm				16
	1.6L 1590 CC 97 CID SOHC 16V L4 HONDA (1997-2000)			2.950"/75.0mm x 3.540"/90.0mm				
	2.0L 1958 CC SOHC 12V L4 HONDA (1988-1990)			3.190"/81.0mm x 3.740"/95.0mm				
Main Bearing Set 1-2-3-4-5	AL-5	MS-1804A MB-3176A	STD, .25mm	2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Main Bearing Set 1-2-3-4-5	TM-1	MS-1804P MB-3176P	STD, .25mm, .50mm	2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Thrust Washer Set	TM-1	TW-473S MB-3176W	STD	2.4114/2.4213		0.0984	3.2185/3.2283	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804, MS-2095, MS-2355								
17	1.6L 1590 CC 97 CID DOHC 16V L4 HONDA B16A3; VTEC (1994-1995)			2.950"/75.0mm x 3.540"/90.0mm				17
Connecting Rod Bearing Pair (4)	TM-1	CB-1777P	STD, .25mm, .50mm	1.7717	0.0043	0.0586	1.8907	0.7677
Main Bearing Set 1-2-3-4-5	AL-5	MS-1804A MB-3176A	STD, .25mm	2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Main Bearing Set 1-2-3-4-5	TM-1	MS-1804P MB-3176P	STD, .25mm, .50mm	2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								



HONDA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
17 (cont.)	1.6L 1590 CC 97 CID DOHC 16V L4 HONDA B16A3; VTEC (1994-1995)			2.950"/75.0mm x 3.540"/90.0mm				17 (cont.)
Thrust Washer Set	TM-1	TW-473S MB-3176W	STD	2.4114/2.4213		0.0984	3.2185/3.2283	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804,MS-2095,MS-2355								
18	1.7L 1700 CC SOHC 16V L4 HONDA D17A1, D17A7 (2002-2004)			2.950"/75.0mm x 3.720"/94.4mm				18
	1.7L 1668 CC SOHC 16V L4 HONDA D17A1, D17A7 (2001-2005)			2.950"/75.0mm x 3.720"/94.4mm				
	1.7L 1700 CC SOHC 16V L4 HONDA D17A1, D17A2, D17A6; VTEC			2.950"/75.0mm x 3.720"/94.4mm				
	1.7L 1668 CC SOHC 16V L4 HONDA D17A2; VTEC			2.950"/75.0mm x 3.720"/94.4mm				
	1.7L 1668 CC SOHC 16V L4 HONDA D17A6; VTEC-E			2.950"/75.0mm x 3.720"/94.4mm				
Connecting Rod Bearing Pair (4)	TM-77	CB-1859P	STD,.25mm,.50mm	44.9760/1.7716		0.0595	1.8898	0.6102
Main Bearing Set 1-2-3-4-5	AL-5	MS-1804A MB-3176A	STD,.25mm	2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Main Bearing Set 1-2-3-4-5	TM-1	MS-1804P MB-3176P	STD,.25mm,.50mm	2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
19	1.8L 1829 CC SOHC 8V L4 HONDA ET2 (1983-1986)			3.180"/80.7mm x 3.390"/86.0mm				19
	1.8L 1829 CC SOHC 12V L4 HONDA ES2 (1984-1985)			3.150"/80.0mm x 3.580"/91.0mm				
	1.8L 1829 CC SOHC 12V L4 HONDA A18A1 (1987)			3.180"/80.7mm x 3.390"/86.0mm				
	2.0L 1955 CC SOHC 12V L4 HONDA A20A1, A20A3, BS, BT (1985-1989)			3.410"/86.5mm x 3.320"/84.4mm				
Connecting Rod Bearing Pair (4)	TM-1	CB-1353P	STD,.25mm,.50mm	1.7707/1.7717	0.0005/0.0034	0.0591	1.8898/1.8907	0.7680
Main Bearing Set 1-2-3-4-5	TM-1	MS-1618P MB-2966P	STD	1.9675/1.9685	0.0007/0.0037	0.0791	2.1260/2.1269	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-327S								
Thrust Washer Set		TW-327S MB-2753W	STD	2.1850/2.2440			3.0510/3.0710	0.0970
20	1.8L 1751 CC SOHC 12V L4 HONDA (1981-1983)			3.030"/77.0mm x 3.700"/94.0mm				20
Connecting Rod Bearing Pair (4)	AL-5	CB-1223A	STD	1.6526/1.6535	0.0005/0.0034	0.0591	1.7717/1.7726	0.6890
Connecting Rod Bearing Pair (4)	TM-77	CB-1223P	STD,.25mm,.50mm	1.6526/1.6535	0.0034	0.0591	1.7726	0.6890
Connecting Rod Bearing Set	AL-5	CB-1223A(4)	STD	1.6526/1.6535	0.0005/0.0034	0.0591	1.7717/1.7726	0.6890
Thrust Washer Set		TW-327S MB-2753W	STD	2.1850/2.2440			3.0510/3.0710	0.0970



HONDA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
21	1.8L 1799 CC SOHC 16V L4 HONDA R18A1, R18A4, R18A9; i-VTEC (2006-2015)					3.190"/81.0mm x 3.440"/87.3mm		21
	1.8L 1798 CC SOHC 16V L4 HONDA R18Z1; i-VTEC (2012-2015)					3.190"/81.0mm x 3.440"/87.3mm		
	1.8L 1799 CC SOHC 16V L4 HONDA R18Z9; i-VTEC (2016-2017)					3.190"/81.0mm x 3.440"/87.3mm		
	1.8L 1799 CC 110 CID SOHC 16V L4 HONDA R18A1-62 (2011-2014)					3.190"/81.0mm x 3.440"/87.3mm		
Connecting Rod Bearing Set	AL-5	CB-1976A(4)	STD,.25mm,.50mm					
		CB1976A						
Main Bearing Set	AL-5	MS-2356A	STD,25mm,50mm					
		MB4046A						
22	2.0L 1958 CC DOHC 16V L4 HONDA B20A5 (1988-1991)					3.190"/81.0mm x 3.740"/95.0mm		22
	2.1L 2056 CC DOHC 16V L4 HONDA B21A1 (1990-1991)					3.270"/83.0mm x 3.740"/95.0mm		
Connecting Rod Bearing Pair (4)	TM-1	CB-1780P	STD,.25mm,.50mm	1.8888/1.8898	0.0008/0.0036	0.0589	2.0079/2.0087	0.7650
Connecting Rod Bearing Set		CB-1780P(4)	STD					
Main Bearing Set 1-2-3-4-5	AL-5	MS-1804A	STD,.25mm					
		MB-3176A		2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Main Bearing Set 1-2-3-4-5	TM-1	MS-1804P	STD,.25mm,.50mm					
		MB-3176P		2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Thrust Washer Set	TM-1	TW-473S	STD					
		MB-3176W		2.4114/2.4213		0.0984	3.2185/3.2283	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804,MS-2095,MS-2355								
23	2.0L 1972 CC DOHC 16V L4 HONDA B20B4, B20Z2 (1997-2001)					3.310"/84.0mm x 3.500"/88.8mm		23
Connecting Rod Bearing Pair (4)	AL-5	CB-1461A	STD,.25mm,.50mm	1.7707/1.7717	0.0008/0.0015	0.0592	1.8898/1.8907	0.7280
Connecting Rod Bearing Pair (4)	TM-1	CB-1461P	STD,.25mm,.50mm	1.7707/1.7717	0.0008/0.0015	0.0592	1.8898/1.8907	0.7280
Connecting Rod Bearing Set	AL-3	CB-1461A(4)	STD,.25mm,.50mm	1.7707/1.7717	0.0008/0.0015	0.0592	1.8898/1.8907	0.7280
Main Bearing Set 1-2-3-4-5	TM-1	MS-2095P	STD,.25mm,.50mm					
		MB-3760P		2.1644/2.1654	0.0010/0.0019	0.0785	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Thrust Washer Set	TM-1	TW-473S	STD					
		MB-3176W		2.4114/2.4213		0.0984	3.2185/3.2283	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804,MS-2095,MS-2355								



HONDA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
24	2.0L 1997 CC DOHC 16V L4 HONDA F20C1; VTEC (2000-2003)					3.420"/87.0mm x 3.310"/84.0mm		24
	2.2L 2157 CC DOHC 16V L4 HONDA F22C1; VTEC (2004-2009)					3.430"/87.0mm x 3.570"/90.7mm		
Connecting Rod Bearing Pair (4)	TM-1	CB-1780P	STD,.25mm,.50mm	1.8888/1.8898	0.0008/0.0036	0.0589	2.0079/2.0087	0.7650
Connecting Rod Bearing Set		CB-1780P(4)	STD					
25	2.0L 1998 CC 122 CID DOHC 16V L4 HONDA K20A3; VTEC (2002-2005)					3.390"/86.0mm x 3.390"/86.0mm		25
Connecting Rod Bearing Set	TM-1	CB-1975A(4)	STD,.25mm,.50mm					
		CB1975A		1.7709		0.0589	1.8905	0.6102
Main Bearing Set	AL-5	MS-2355A MB4045A	STD,.25mm,.50mm	2.1644/2.1654	0.0001/0.0021	0.0792	2.3228/2.3236	0.7874
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Main Bearing Set 1-2-3-4-5	TM-1	MS-2095P MB-3760P	STD,.25mm,.50mm	2.1644/2.1654	0.0010/0.0019	0.0785	2.3228/2.3237	0.7870
For Year: 2003								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Thrust Washer Set	TM-1	TW-473S MB-3176W	STD	2.4114/2.4213		0.0984	3.2185/3.2283	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804,MS-2095,MS-2355								
26	2.0L 1998 CC 122 CID DOHC 16V L4 HONDA K20Z3; i-VTEC (2006-2010)					3.390"/86.0mm x 3.390"/86.0mm		26
Connecting Rod Bearing Pair (4)	TM-77	CB-1861P	STD,.25mm,.50mm	1.8888/1.8898	0.0007/0.0035	0.0596	2.0079/2.0087	0.6102
Connecting Rod Bearing Set	TM-77	CB-1861P(4)	STD,.25mm,.50mm	1.8888/1.8898	0.0007/0.0035	0.0596	2.0079/2.0087	0.6102
27	2.2L 2156 CC SOHC 16V L4 HONDA F22A1, F22A4, F22A6, F22B6 (1990-1997)					3.350"/85.0mm x 3.740"/95.0mm		27
	2.2L 2156 CC SOHC 16V L4 HONDA F22B1; VTEC (1994-1997)					3.350"/85.0mm x 3.740"/95.0mm		
	2.2L 2156 CC DOHC 16V L4 HONDA H22A1; VTEC (1993-1996)					3.350"/85.0mm x 3.740"/95.0mm		
	2.3L 2259 CC DOHC 16V L4 HONDA H23A1 (1992-1996)					3.520"/89.3mm x 3.500"/89.0mm		
Connecting Rod Bearing Pair (4)	TM-1	CB-1780P	STD,.25mm,.50mm	1.8888/1.8898	0.0008/0.0036	0.0589	2.0079/2.0087	0.7650
Connecting Rod Bearing Set		CB-1780P(4)	STD					
Main Bearing Set 1-2-3-4-5	TM-1	MS-2012P MB-3474P	STD,.25mm,.50mm	1.9677/1.9687	0.0005/0.0015	0.0788	2.1253/2.1263	0.7880
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-587S								

HONDA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
27 (cont.)	2.2L 2156 CC SOHC 16V L4 HONDA F22A1, F22A4, F22A6, F22B6 (1990-1997)			3.350"/85.0mm x 3.740"/95.0mm				27 (cont.)
	2.2L 2156 CC SOHC 16V L4 HONDA F22B1; VTEC (1994-1997)			3.350"/85.0mm x 3.740"/95.0mm				
	2.2L 2156 CC DOHC 16V L4 HONDA H22A1; VTEC (1993-1996)			3.350"/85.0mm x 3.740"/95.0mm				
	2.3L 2259 CC DOHC 16V L4 HONDA H23A1 (1992-1996)			3.520"/89.3mm x 3.500"/89.0mm				
Thrust Washer Set TM-1 TW-587S MB-3474W STD				2.2641			3.0713	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2012								
28	2.2L 2156 CC SOHC 16V L4 HONDA F22B2 (1994-1997)			3.350"/85.0mm x 3.740"/95.0mm				28
Connecting Rod Bearing Set CB-1780P(4) STD								
Thrust Washer Set TM-1 TW-587S MB-3474W STD				2.2641			3.0713	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2012								
29	2.2L 2156 CC DOHC 16V L4 HONDA H22A4; VTEC (1997-2001)			3.430"/87.0mm x 3.570"/90.7mm				29
Connecting Rod Bearing Pair (4) TM-1 CB-1780P STD, .25mm, .50mm				1.8888/1.8898	0.0008/0.0036	0.0589	2.0079/2.0087	0.7650
Connecting Rod Bearing Set CB-1780P(4) STD								
Main Bearing Set AL-5 MS-1804A MB-3176A STD, .25mm 1-2-3-4-5				2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Main Bearing Set TM-1 MS-1804P MB-3176P STD, .25mm, .50mm 1-2-3-4-5				2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Main Bearing Set TM-1 MS-2012P MB-3474P STD, .25mm, .50mm 1-2-3-4-5				1.9677/1.9687	0.0005/0.0015	0.0788	2.1253/2.1263	0.7880
For Year: 1997								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-587S								
Thrust Washer Set TM-1 TW-473S MB-3176W STD				2.4114/2.4213		0.0984	3.2185/3.2283	0.0980
For Years: 1998 - 2001								
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804, MS-2095, MS-2355								
Thrust Washer Set TM-1 TW-587S MB-3474W STD				2.2641			3.0713	0.0980
For Year: 1997								
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2012								



HONDA

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				4 CYL (cont.)					
30	2.3L 2254 CC SOHC 16V L4 HONDA F23A5 (1998-2002)			3.390"/86.0mm x 3.820"/97.0mm					30
	2.3L 2254 CC SOHC 16V L4 HONDA F23A1, F23A4; VTEC			3.390"/86.0mm x 3.820"/97.0mm					
Connecting Rod Bearing Pair (4)	TM-77	CB-1860P	STD,.25mm,.50mm	1.7716		0.0597	1.8898	0.6102	
Main Bearing Set 1-2-3-4-5	AL-5	MS-1804A MB-3176A	STD,.25mm	2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S									
Main Bearing Set 1-2-3-4-5	TM-1	MS-1804P MB-3176P	STD,.25mm,.50mm	2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S									
Thrust Washer Set	TM-1	TW-473S MB-3176W	STD	2.4114/2.4213		0.0984	3.2185/3.2283	0.0980	
For Years: 1998 - 1999 NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804,MS-2095,MS-2355									
31	2.3L 2234 CC SOHC 16V L4 HONDA F23A7; VTEC (1998)			3.390"/86.0mm x 3.820"/97.0mm					31
Connecting Rod Bearing Pair (4)	TM-77	CB-1860P	STD,.25mm,.50mm	1.7716		0.0597	1.8898	0.6102	
32	2.3L 2259 CC DOHC 16V L4 HONDA (1993-1994)			3.520"/89.3mm x 3.500"/89.0mm					32
Thrust Washer Set	TM-1	TW-587S MB-3474W	STD	2.2641			3.0713	0.0980	
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2012									
33	2.4L 2354 CC DOHC 16V L4 HONDA K24A1, K24A4; VTEC (2002-2006)			3.420"/87.0mm x 3.890"/99.0mm					33
	2.4L 2354 CC DOHC 16V L4 HONDA K24Z1; i-VTEC (2007-2009)			3.420"/87.0mm x 3.890"/99.0mm					
Connecting Rod Bearing Pair (4)	TM-77	CB-1861P	STD,.25mm,.50mm	1.8888/1.8898	0.0007/0.0035	0.0596	2.0079/2.0087	0.6102	
Connecting Rod Bearing Set	TM-77	CB-1861P(4)	STD,.25mm,.50mm	1.8888/1.8898	0.0007/0.0035	0.0596	2.0079/2.0087	0.6102	
Main Bearing Set	AL-5	MS-2355A MB4045A	STD,.25mm,.50mm	2.1644/2.1654	0.0001/0.0021	0.0792	2.3228/2.3236	0.7874	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S									
34	2.4L 2354 CC DOHC 16V L4 HONDA K24A8; VTEC (2006-2011)			3.420"/87.0mm x 3.890"/99.0mm					34
	2.4L 2354 CC DOHC 16V L4 HONDA K24Z2, K24Z3; i-VTEC (2008-2012)			3.420"/87.0mm x 3.890"/99.0mm					
Connecting Rod Bearing Pair (4)	TM-77	CB-1861P	STD,.25mm,.50mm	1.8888/1.8898	0.0007/0.0035	0.0596	2.0079/2.0087	0.6102	
Connecting Rod Bearing Set	TM-77	CB-1861P(4)	STD,.25mm,.50mm	1.8888/1.8898	0.0007/0.0035	0.0596	2.0079/2.0087	0.6102	
Main Bearing Set	AL-5	MS-2355A MB4045A	STD,.25mm,.50mm	2.1644/2.1654	0.0001/0.0021	0.0792	2.3228/2.3236	0.7874	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S									



HONDA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
34 (cont.)	2.4L 2354 CC DOHC 16V L4 HONDA K24A8; VTEC (2006-2011)			3.420"/87.0mm x 3.890"/99.0mm			34 (cont.)	
	2.4L 2354 CC DOHC 16V L4 HONDA K24Z2, K24Z3; i-VTEC (2008-2012)			3.420"/87.0mm x 3.890"/99.0mm				
Main Bearing Set 1-2-3-4-5	TM-1	MS-2095P MB-3760P	STD, .25mm, .50mm	2.1644/2.1654	0.0010/0.0019	0.0785	2.3228/2.3237	0.7870
For Year: 2011 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
35	2.4L 2354 CC DOHC 16V L4 HONDA K24Z6, K24Z7; i-VTEC (2010-2014)			3.420"/87.0mm x 3.890"/99.0mm			35	
Connecting Rod Bearing Pair (4)	TM-77	CB-1861P	STD, .25mm, .50mm	1.8888/1.8898	0.0007/0.0035	0.0596	2.0079/2.0087	0.6102
Connecting Rod Bearing Set	TM-77	CB-1861P(4)	STD, .25mm, .50mm	1.8888/1.8898	0.0007/0.0035	0.0596	2.0079/2.0087	0.6102
Main Bearing Set 1-2-3-4-5	TM-1	MS-2095P MB-3760P	STD, .25mm, .50mm	2.1644/2.1654	0.0010/0.0019	0.0785	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Thrust Washer Set	TM-1	TW-473S MB-3176W	STD	2.4114/2.4213		0.0984	3.2185/3.2283	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-1804, MS-2095, MS-2355								
36	2.4L 2354 CC 144 CID DOHC 16V L4 HONDA K24Z2, K24Z3, K24Z3-375 (2008-2010)			3.430"/87.0mm x 3.900"/99.0mm			36	
Main Bearing Set	AL-5	MS-2355A MB4045A	STD, .25mm, .50mm	2.1644/2.1654	0.0001/0.0021	0.0792	2.3228/2.3236	0.7874
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
37	2.6L 2559 CC SOHC 8V L4 ISUZU 4ZE1 (1994-1996)			3.650"/92.6mm x 3.740"/95.0mm			37	
Connecting Rod Bearing Pair (4)	AL-3	CB-1480A	STD, .25mm	1.9262/1.9268	0.0010/0.0026	0.0596	2.0466/2.0474	0.8320
Connecting Rod Bearing Set	AL-3	CB-1480A(4)	STD, .25mm	1.9262/1.9268	0.0010/0.0026	0.0596	2.0466/2.0474	0.8320
Main Bearing Set		MS-1821A	STD, .25mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-451S								
Thrust Washer Set		TW-451S MB-3061W	STD	2.5197			3.1575	0.0930
6 CYL								
38	3.0L 2997 CC SOHC 24V V6 HONDA J30A1, J30A5; VTEC (1998-2007)			3.390"/86.0mm x 3.390"/86.0mm			38	
	3.0L 2977 CC SOHC 24V V6 HONDA J30A4; VTEC (2003-2005)			3.390"/86.0mm x 3.390"/86.0mm				
Connecting Rod Bearing Set	TM-1	CB-1978A(6) CB1978A	STD	2.1650		0.0590	2.2842	0.5709



HONDA

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				6 CYL (cont.)					
38 (cont.)	3.0L 2997 CC SOHC 24V V6 HONDA J30A1, J30A5; VTEC (1998-2007)			3.390"/86.0mm x 3.390"/86.0mm					38 (cont.)
	3.0L 2977 CC SOHC 24V V6 HONDA J30A4; VTEC (2003-2005)			3.390"/86.0mm x 3.390"/86.0mm					
Main Bearing Set 1-2-3-4	AL-3	MS-2335A MB3923A	STD, .25mm, .50mm	2.8337/2.8346	0.0008/0.0017	0.0976	3.0329/3.0339	0.7067	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-712S									
Main Bearing Set	AL-5	MS-2358A MB4048A	STD	2.8346		0.9823	3.0323	0.7087	
Thrust Washer Set	AL-3	TW-712S MB3924W	STD	3.1200			3.7007	0.0984	
NOTE: Position Number 3 Use Part Number MS-2335									
39	3.0L 2997 CC SOHC 24V V6 HONDA JNA1; i-VTEC (2005-2007)			3.390"/86.0mm x 3.390"/86.0mm					39
	3.5L 3471 CC SOHC 24V V6 HONDA J35Z8; VTEC (2011-2014)			3.500"/89.0mm x 3.660"/93.0mm					
Main Bearing Set 1-2-3-4	AL-3	MS-2335A MB3923A	STD, .25mm, .50mm	2.8337/2.8346	0.0008/0.0017	0.0976	3.0329/3.0339	0.7067	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-712S									
Thrust Washer Set	AL-3	TW-712S MB3924W	STD	3.1200			3.7007	0.0984	
NOTE: Position Number 3 Use Part Number MS-2335									
40	3.2L 3165 CC SOHC 24V V6 ISUZU 6VD1 (1994-2002)			3.600"/91.4mm x 3.150"/80.0mm					40
Connecting Rod Bearing Pair (6)	AL-5	CB-1830AL	STD, .25mm	2.1229/2.1235	0.0007/0.0031	0.0596	2.2434/2.2441	0.6740	
Main Bearing Set	AL-3	MS-2236AL	STD, .25mm						
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-615S									
Thrust Washer Set		TW-615S MB-3807W	STD	2.7953/2.8051				0.0770	
41	3.5L 3471 CC SOHC 24V V6 HONDA J35A6, J35A9, J35Z1; VTEC (2005-2010)			3.500"/89.0mm x 3.660"/93.0mm					41
	3.5L 3471 CC SOHC 24V V6 HONDA J35A7; i-VTEC			3.500"/89.0mm x 3.660"/93.0mm					
	3.5L 3474 CC SOHC 24V V6 HONDA J35A1, J35A4 (1999-2004)			3.540"/90.0mm x 3.580"/91.0mm					
	3.5L 3475 CC SOHC 24V V6 HONDA J35A4 (2003-2004)			3.540"/90.0mm x 3.580"/91.0mm					
Connecting Rod Bearing Set	AL-5	CB-1897A(6)	STD, .25mm, .50mm	2.1644/2.1654	0.0008/0.0017	0.0587	2.2834/2.2841	0.5705	
Main Bearing Set 1-2-3-4	AL-3	MS-2335A MB3923A	STD, .25mm, .50mm	2.8337/2.8346	0.0008/0.0017	0.0976	3.0329/3.0339	0.7067	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-712S									
Thrust Washer Set	AL-3	TW-712S MB3924W	STD	3.1200			3.7007	0.0984	
NOTE: Position Number 3 Use Part Number MS-2335									



HONDA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
42	3.5L 3471 CC SOHC 24V V6 HONDA J35Y1; i-VTEC (2013)			3.500"/89.0mm x 3.660"/93.0mm			42	
Thrust Washer Set	AL-3	TW-712S MB3924W	STD	3.1200			3.7007	0.0984
NOTE: Position Number 3 Use Part Number MS-2335								
43	3.5L 3471 CC SOHC 24V V6 HONDA J35Z2, J35Z4; i-VTEC (2008-2015)			3.500"/89.0mm x 3.660"/93.0mm			43	
	3.5L 3471 CC SOHC 24V V6 HONDA J35Z5; VTEC (2009-2014)			3.500"/89.0mm x 3.660"/93.0mm				
Connecting Rod Bearing Set	AL-5	CB-1897A(6)	STD, .25mm, .50mm	2.1644/2.1654	0.0008/0.0017	0.0587	2.2834/2.2841	0.5705
Thrust Washer Set	AL-3	TW-712S MB3924W	STD	3.1200			3.7007	0.0984
For Years: 2009 - 2015								
NOTE: Position Number 3 Use Part Number MS-2335								
44	3.5L 3471 CC SOHC 24V V6 HONDA J35Z3; i-VTEC (2008-2012)			3.500"/89.0mm x 3.660"/93.0mm			44	
Connecting Rod Bearing Set	AL-5	CB-1897A(6)	STD, .25mm, .50mm	2.1644/2.1654	0.0008/0.0017	0.0587	2.2834/2.2841	0.5705
45	3.5L 3471 CC 212 CID SOHC 24V V6 HONDA J35A6-6 (2011-2014)			3.500"/89.0mm x 3.660"/93.0mm			45	
Main Bearing Set 1-2-3-4	AL-3	MS-2335A MB3923A	STD, .25mm, .50mm	2.8337/2.8346	0.0008/0.0017	0.0976	3.0329/3.0339	0.7067
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-712S								

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ENGINE	YEAR	BORE & STROKE	BLOCK
1.5L 1468 CC SOHC 8V L4 MITSUBISHI	1986-1989	2.970"/75.5mm x 3.230"/82.0mm	3
1.5L 1468 CC SOHC 8V L4 MITSUBISHI	1990-1994	2.970"/75.5mm x 3.230"/82.0mm	1
1.5L 1495 CC SOHC 8V L4 MITSUBISHI	1994-1995	2.970"/75.5mm x 3.290"/83.5mm	2
1.5L 1495 CC SOHC 12V L4	1994-1997	2.970"/75.5mm x 3.290"/83.5mm	2
1.5L 1495 CC SOHC 12V L4 G4EK	1998-2003	2.970"/75.5mm x 3.290"/83.5mm	4
1.5L 1495 CC SOHC 12V L4 G4EK	2000-2002	2.970"/75.5mm x 3.290"/83.5mm	5
1.5L 1495 CC DOHC 16V L4	1996-1997	2.970"/75.5mm x 3.290"/83.5mm	2
1.6L 1596 CC DOHC 16V L4 MITSUBISHI	1992-1995	2.970"/75.5mm x 3.290"/83.5mm	6
2.0L 1997 CC DOHC 16V L4 G4CP	1992-2001	3.230"/82.0mm x 3.680"/93.5mm	7
2.4L 2351 CC SOHC 8V L4 MITSUBISHI	1989-1991	3.410"/86.5mm x 3.940"/100.0mm	8
3.0L 2972 CC SOHC 12V V6 MITSUBISHI G6AT	1990-1998	3.590"/91.1mm x 2.990"/76.0mm	9
3.5L 3500 CC DOHC 24V V6	2003-2005	3.660"/93.0mm x 3.380"/85.8mm	10



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MODEL	ENGINE	YEAR	BLOCK
Accent	1.5L 1495 CC SOHC 12V L4	1995-1997	2
Accent	1.5L 1495 CC DOHC 16V L4	1996-1997	2
Accent	1.5L 1495 CC SOHC 12V L4	1998-2003	4
Accent	1.5L 1495 CC SOHC 12V L4	2000-2002	5
Elantra	1.6L 1596 CC DOHC 16V L4 MITSUBISHI	1992-1995	6
Excel	1.5L 1468 CC SOHC 8V L4 MITSUBISHI	1986-1989	3
Excel	1.5L 1468 CC SOHC 8V L4 MITSUBISHI	1990-1994	1
Scoupe	1.5L 1468 CC SOHC 8V L4 MITSUBISHI	1991-1992	1
Scoupe	1.5L 1495 CC SOHC 12V L4	1994-1995	2
Scoupe	1.5L 1495 CC SOHC 8V L4 MITSUBISHI	1994-1995	2
Sonata	2.0L 1997 CC DOHC 16V L4	1992-1998	7
Sonata	2.4L 2351 CC SOHC 8V L4 MITSUBISHI	1989-1991	8
Sonata	3.0L 2972 CC SOHC 12V V6 MITSUBISHI	1990-1998	9
Tiburon	2.0L 1997 CC DOHC 16V L4	1998-2001	7
XG350	3.5L 3500 CC DOHC 24V V6	2003-2005	10

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
								4 CYL
1	1.5L 1468 CC SOHC 8V L4 MITSUBISHI VIN Code: 'J' (1990-1994)			2.970"/75.5mm x 3.230"/82.0mm				1
Connecting Rod Bearing Pair (4)	AL-3	CB-1588AL	STD,.25mm,.50mm	1.6527/1.6535	0.0011/0.0035	0.0588	1.7717/1.7725	0.6100
Main Bearing Set 1-2-4-5	TM-1	MS-1668P	STD,.25mm	1.8890/1.8898	0.0011/0.0034	0.0783	2.0472/2.0480	0.7520
3		MB-3049P MB-3050P(F)		1.8890/1.8898	0.0011/0.0034	0.0793	2.0472/2.0480	0.9430
2	1.5L 1495 CC SOHC 8V L4 MITSUBISHI VIN Code: 'J' (1994-1995)			2.970"/75.5mm x 3.290"/83.5mm				2
	1.5L 1495 CC SOHC 12V L4 HYUNDAI VIN Code: 'N' (1995-1997)			2.970"/75.5mm x 3.290"/83.5mm				
	1.5L 1495 CC DOHC 16V L4 HYUNDAI VIN Code: 'N' (1996-1997)			2.970"/75.5mm x 3.290"/83.5mm				
Connecting Rod Bearing Set	AL-5	CB-1829A(4)	STD,.25mm,.50mm	1.7707/1.7713	0.0008/0.0028	0.0589	1.8898/1.8905	0.7530
Main Bearing Set 1-2-4-5	AL-3	MS-2234A	STD,.25mm,.50mm	1.9676/1.9682	0.0008/0.0028	0.0785	2.1260/2.1268	0.7140
3		MB-3803A MB-3804A(F)		1.9676/1.9682	0.0008/0.0028	0.0785	2.1260/2.1268	0.9020
Main Bearing Set 1-2-4-5	TM-1	MS-2234P	STD	1.9676/1.9682	0.0008/0.0028	0.0785	2.1260/2.1268	0.7140
3		MB-3803P MB-3804P(F)		1.9676/1.9682	0.0008/0.0028	0.0785	2.1260/2.1268	0.9020
3	1.5L 1468 CC SOHC 8V L4 MITSUBISHI VIN Code: 'J' (1986-1989)			2.970"/75.5mm x 3.230"/82.0mm				3
Connecting Rod Bearing Pair (4) For Year: 1989	AL-3	CB-1588AL	STD,.25mm,.50mm	1.6527/1.6535	0.0011/0.0035	0.0588	1.7717/1.7725	0.6100
Connecting Rod Bearing Pair (4) For Years: 1986 - 1988	AL-3	CB-1278AL-.25mm		1.6527/1.6535	0.0011/0.0035	0.0588	1.7717/1.7725	0.6940



HYUNDAI

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
3 (cont.)	1.5L 1468 CC SOHC 8V L4 MITSUBISHI VIN Code: 'J' (1986-1989)			2.970"/75.5mm x 3.230"/82.0mm				3 (cont.)
Main Bearing Set 1-2-4-5 3	TM-1	MS-1668P MB-3049P MB-3050P(F)	STD,.25mm	1.8890/1.8898 1.8890/1.8898	0.0011/0.0034 0.0011/0.0034	0.0783 0.0793	2.0472/2.0480 2.0472/2.0480	0.7520 0.9430
4	1.5L 1495 CC SOHC 12V L4 HYUNDAI G4EK VIN Code: 'N' (1998-1999, 2003)			2.970"/75.5mm x 3.290"/83.5mm				4
Connecting Rod Bearing Set For Years: 1998 - 1999	AL-5	CB-1829A(4)	STD,.25mm,.50mm	1.7707/1.7713	0.0008/0.0028	0.0589	1.8898/1.8905	0.7530
Connecting Rod Bearing Set For Year: 2003	AL-3	CB-1979A(4) CB1979A	STD,.25mm,.50mm	1.7709		0.0594	1.8905	0.7520
Main Bearing Set 1-2-4-5 3	AL-3	MS-2234A MB-3803A MB-3804A(F)	STD,.25mm,.50mm	1.9676/1.9682 1.9676/1.9682	0.0008/0.0028 0.0008/0.0028	0.0785	2.1260/2.1268 2.1260/2.1268	0.7140 0.9020
Main Bearing Set 1-2-4-5 3 For Years: 1998 - 1999	TM-1	MS-2234P MB-3803P MB-3804P(F)	STD	1.9676/1.9682 1.9676/1.9682	0.0008/0.0028 0.0008/0.0028	0.0785	2.1260/2.1268 2.1260/2.1268	0.7140 0.9020
5	1.5L 1495 CC SOHC 12V L4 HYUNDAI G4EK VIN Code: 'G' (2000-2002)			2.970"/75.5mm x 3.290"/83.5mm				5
Connecting Rod Bearing Set	AL-3	CB-1979A(4) CB1979A	STD,.25mm,.50mm	1.7709		0.0594	1.8905	0.7520
Main Bearing Set 1-2-4-5 3	AL-3	MS-2234A MB-3803A MB-3804A(F)	STD,.25mm,.50mm	1.9676/1.9682 1.9676/1.9682	0.0008/0.0028 0.0008/0.0028	0.0785	2.1260/2.1268 2.1260/2.1268	0.7140 0.9020
Main Bearing Set 1-2-4-5 3	TM-1	MS-2234P MB-3803P MB-3804P(F)	STD	1.9676/1.9682 1.9676/1.9682	0.0008/0.0028 0.0008/0.0028	0.0785	2.1260/2.1268 2.1260/2.1268	0.7140 0.9020
6	1.6L 1596 CC DOHC 16V L4 MITSUBISHI VIN Code: 'R' (1992-1995)			2.970"/75.5mm x 3.290"/83.5mm				6
Connecting Rod Bearing Pair (4)	AL-3	CB-1120A	STD,.25mm,.50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Connecting Rod Bearing Set	AL-3	CB-1120A(4)	STD,.25mm,.50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Main Bearing Set 1-2-4-5 3	AL-5	MS-2076A MB-2869A MB-3572A(F)	STD,.25mm,.50mm	2.2435/2.2441 2.2435/2.2441	0.0008/0.0032 0.0008/0.0032	0.0783	2.4016/2.4024 2.4016/2.4024	0.9060 1.1400
Main Bearing Set NOTE: O/S Flange for MS2076A	AL-5	MS-2322AL25mm	STD					
7	2.0L 1997 CC DOHC 16V L4 HYUNDAI G4CP VIN Code: 'F' (1992-1997)			3.230"/82.0mm x 3.680"/93.5mm				7
Connecting Rod Bearing Pair (4) NOTE: From 4/92	TM-77	CB-1643P	STD,.25mm,.50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010
Main Bearing Set 1-2-4-5 3	TM-1	MS-2039P MB-3504P MB-3505P(F)	STD,.25mm,.50mm	2.2435/2.2441 2.2435/2.2441	0.0008/0.0032 0.0008/0.0032	0.0783	2.4016/2.4024 2.4016/2.4024	0.8050 1.0040



HYUNDAI

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
7 (cont.)	2.0L 1997 CC DOHC 16V L4 HYUNDAI G4CP VIN Code: 'F' (1992-1997)			3.230"/82.0mm x 3.680"/93.5mm				7 (cont.)
Balance Shaft Bearing Set	AL-3	SH-1469S	STD					
"LH		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
"RH		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480
"RH		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
8	2.4L 2351 CC SOHC 8V L4 MITSUBISHI VIN Code: 'S' (1989-1991)			3.410"/86.5mm x 3.940"/100.0mm				8
Connecting Rod Bearing Pair (4)	AL-3	CB-1120A	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Connecting Rod Bearing Set	AL-3	CB-1120A(4)	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Main Bearing Set	AL-5	MS-2076A	STD, .25mm, .50mm					
1-2-4-5		MB-2869A		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.9060
3		MB-3572A(F)		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.1400
Main Bearing Set	AL-5	MS-2322AL25mm	STD					
NOTE: O/S Flange for MS2076A								
Balance Shaft Bearing Set	AL-3	SH-1469S	STD					
"LH		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
"RH		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480
"RH		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
				6 CYL				
9	3.0L 2972 CC SOHC 12V V6 MITSUBISHI G6AT VIN Code: 'T' (1990-1997)			3.590"/91.1mm x 2.990"/76.0mm				9
Connecting Rod Bearing Pair (6)	AL-5	CB-1411A	STD, .25mm, .50mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120
Connecting Rod Bearing Set	AL-5	CB-1411A(6)	STD, .25mm, .50mm, .75mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120
Main Bearing Set	AL-5	MS-2226A	STD, .25mm, .50mm, .75mm					
1-2-3-4		MB-3791A		2.3614/2.3622	0.0007/0.0034	0.0784	2.5197/2.5204	0.7210
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-458S								
Main Bearing Set	TM-77	MS-2226P	STD, .25mm, .50mm					
1-2-3-4		MB-3791P		2.3614/2.3622	0.0007/0.0034	0.0784	2.5197/2.5204	0.7120
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-458S								
Thrust Washer Set	TM-77	TW-458S	STD					
		MB-3108W(L)		2.5984/2.6083			3.0492/3.0594	0.0778
		MB-3108W(U)		2.5984/2.6083			3.0492/3.0594	0.0778
10	3.5L 3500 CC DOHC 24V V6 HYUNDAI (2003-2005)			3.660"/93.0mm x 3.380"/85.8mm				10
Connecting Rod Bearing Pair (6)	TM-1	CB-1832P	STD, .25mm, .50mm	2.1653	0.0020	0.0589	2.2842	0.6100



INFINITI

ENGINE	YEAR	BORE & STROKE	BLOCK
2.0L 1998 CC DOHC 16V L4 NISSAN SR20DE	1991-2002	3.380"/86.0mm x 3.380"/86.0mm	1
2.0L 2000 CC DOHC 16V L4 NISSAN SR20DE	1999	3.380"/86.0mm x 3.380"/86.0mm	2
3.0L 2960 CC 181 CID SOHC 12V V6 NISSAN VG30E	1990-1992	3.430"/87.0mm x 3.270"/83.0mm	3
3.0L 2960 CC 181 CID DOHC 24V V6 NISSAN VG30DE	1993-1997	3.430"/87.0mm x 3.270"/83.0mm	3
3.0L 2988 CC 182 CID DOHC 24V V6 NISSAN VQ30DE	1996-2001	3.660"/93.0mm x 2.890"/73.3mm	4
3.3L 3275 CC SOHC 12V V6 NISSAN VG33E	1997-1999	3.600"/91.5mm x 3.260"/83.0mm	3
3.3L 3275 CC SOHC 12V V6 NISSAN VG33E	2000	3.600"/91.5mm x 3.260"/83.0mm	5
3.5L 3498 CC DOHC 24V V6 NISSAN VQ35DE, VQ35HR	2001-2008	3.760"/95.5mm x 3.210"/81.4mm	6
4.1L 4130 CC DOHC 32V V8 NISSAN VH41DE	1997-1998	3.660"/93.0mm x 2.990"/76.0mm	7
4.1L 4130 CC DOHC 32V V8 NISSAN VH41DE	1997-1998	3.660"/93.0mm x 2.990"/76.0mm	8
4.5L 4494 CC DOHC 32V V8 NISSAN VK45DE	1990-1996	3.600"/93.0mm x 0.000"/0.0mm	9
4.5L 4500 CC DOHC 32V V8 NISSAN VK45DE	2002-2010	3.600"/93.0mm x 3.260"/82.7mm	10
4.5L 4494 CC DOHC 32V V8 NISSAN VH45DE	1990-1996	3.660"/93.0mm x 3.260"/82.7mm	7
5.0L 5026 CC DOHC 32V V8 NISSAN VK50VE	2009-2013	3.760"/95.5mm x 3.450"/87.7mm	10
5.6L 5552 CC DOHC 32V V8 NISSAN VK56DE, VK56VD, VK56VDS	2004-2013	3.850"/98.0mm x 3.620"/92.0mm	10
5.6L 5552 CC 339 CID DOHC 32V V8 NISSAN VK56VD	2012-2013	3.860"/98.0mm x 3.620"/92.0mm	11

MODEL	ENGINE	YEAR	BLOCK
FX35	3.5L 3498 CC DOHC 24V V6 NISSAN	2003-2008	6
FX45	4.5L 4500 CC DOHC 32V V8 NISSAN	2003-2008	10
FX50	5.0L 5026 CC DOHC 32V V8 NISSAN	2009-2013	10
G20	2.0L 1998 CC DOHC 16V L4 NISSAN	1991-2002	1
G20	2.0L 2000 CC DOHC 16V L4 NISSAN	1999	2
G35	3.5L 3498 CC DOHC 24V V6 NISSAN	2003-2008	6
I30	3.0L 2988 CC 182 CID DOHC 24V V6 NISSAN	1996-2001	4
I35	3.5L 3498 CC DOHC 24V V6 NISSAN	2002-2004	6
J30	3.0L 2960 CC 181 CID DOHC 24V V6 NISSAN	1993-1997	3
M30	3.0L 2960 CC 181 CID SOHC 12V V6 NISSAN	1990-1992	3
M35	3.5L 3498 CC DOHC 24V V6 NISSAN	2006-2008	6
M45	4.5L 4500 CC DOHC 32V V8 NISSAN	2003-2010	10
M56	5.6L 5552 CC DOHC 32V V8 NISSAN	2011-2013	10
M56	5.6L 5552 CC 339 CID DOHC 32V V8 NISSAN	2012-2013	11
Q45	4.1L 4130 CC DOHC 32V V8 NISSAN	1997-1998	7
Q45	4.1L 4130 CC DOHC 32V V8 NISSAN	1997-1998	8
Q45	4.5L 4494 CC DOHC 32V V8 NISSAN	1990-1996	7
Q45	4.5L 4494 CC DOHC 32V V8 NISSAN	1990-1996	9
Q45	4.5L 4500 CC DOHC 32V V8 NISSAN	2002-2006	10
QX4	3.3L 3275 CC SOHC 12V V6 NISSAN	1997-1999	3
QX4	3.3L 3275 CC SOHC 12V V6 NISSAN	2000	5
QX4	3.5L 3498 CC DOHC 24V V6 NISSAN	2001-2003	6
QX56	5.6L 5552 CC DOHC 32V V8 NISSAN	2004-2013	10
QX56	5.6L 5552 CC 339 CID DOHC 32V V8 NISSAN	2012-2013	11



INFINITI

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
								4 CYL
1	2.0L 1998 CC DOHC 16V L4 NISSAN SR20DE VIN Code: 'C' (1991-1996)			3.380"/86.0mm x 3.380"/86.0mm			1	
Connecting Rod Bearing Pair (4)	TM-1	CB-1629P	STD,.25mm	1.8880/1.8890	0.0008/0.0018	0.0595	2.0079/2.0084	0.6690
Connecting Rod Bearing Set	AL-5	CB-1629A(4)	STD,.25mm,.50mm	1.8880/1.8890	0.0008/0.0018	0.0595	2.0079/2.0084	0.6690
Main Bearing Set 1-2-3-4-5	AL-5	MS-2015A MB-3478A	STD,.25mm	2.1636/2.1646	0.0005/0.0022	0.0779	2.3206/2.3216	0.7480
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-590S								
Thrust Washer Set 3		TW-590S MB3478W	STD	2.4314			3.2878	0.0770
2	2.0L 2000 CC DOHC 16V L4 NISSAN SR20DE VIN Code: 'C' (1999)			3.380"/86.0mm x 3.380"/86.0mm			2	
Connecting Rod Bearing Pair (4)	TM-1	CB-1629P	STD,.25mm	1.8880/1.8890	0.0008/0.0018	0.0595	2.0079/2.0084	0.6690
Connecting Rod Bearing Set	AL-5	CB-1629A(4)	STD,.25mm,.50mm	1.8880/1.8890	0.0008/0.0018	0.0595	2.0079/2.0084	0.6690
								6 CYL
3	3.0L 2960 CC 181 CID SOHC 12V V6 NISSAN VG30E VIN Code: 'H' (1990-1992)			3.430"/87.0mm x 3.270"/83.0mm			3	
	3.0L 2960 CC 181 CID DOHC 24V V6 NISSAN VG30DE VIN Code: 'A' (1993-1997)			3.430"/87.0mm x 3.270"/83.0mm				
	3.3L 3275 CC SOHC 12V V6 NISSAN VG33E VIN Code: 'A' (1997-1999)			3.600"/91.5mm x 3.260"/83.0mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-1591A	STD,.25mm,.50mm, .75mm	1.9669/1.9675	0.0006/0.0024	0.0594	2.0866/2.0871	0.6690
Connecting Rod Bearing Pair (6)	TM-1	CB-1591P	STD,.25mm,.50mm	1.9669/1.9675	0.0006/0.0024	0.0594	2.0866/2.0871	0.6690
Connecting Rod Bearing Set	AL-5	CB-1591A(6)	STD,.25mm,.50mm, .75mm	1.9669/1.9675	0.0006/0.0024	0.0594	2.0866/2.0871	0.6690
Connecting Rod Bearing Set	TM-1	CB-1591P(6)	STD	1.9669/1.9675	0.0006/0.0024	0.0594	2.0866/2.0871	0.6690
Main Bearing Set 1 2-3 4	AL-5	MS-1951A MB-3344A MB-3345A MB-3346A(F)	STD,.25mm,.50mm, .75mm	2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	0.8860 0.7480 1.1340
Main Bearing Set 1 2-3 4	TM-1	MS-1951P MB-3344P MB-3345P MB-3346P(F)	STD,.25mm,.50mm	2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	0.8860 0.7480 1.1340
Main Bearing Set 1 2-3 4	TM-1	MS-2074P-.25mm MB-2995P MB-2996P MB-3570P(F)	.50mm	2.4784/2.4793	0.0011/0.0039	0.0720	2.6238/2.6243	0.8910 0.7530 1.1360
4	3.0L 2988 CC 182 CID DOHC 24V V6 NISSAN VQ30DE VIN Code: 'C' (1996-1999)			3.660"/93.0mm x 2.890"/73.3mm			4	
Connecting Rod Bearing Pair For Years: 1998 - 2001	TM-77	CB-1905P	STD,.25mm,.50mm	1.7699/1.7706	0.0014/0.0021	0.0593	1.8898/1.8903	0.6690

INFINITI

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
4 (cont.)	3.0L 2988 CC 182 CID DOHC 24V V6 NISSAN VQ30DE VIN Code: 'C' (1996-1999)			3.660"/93.0mm x 2.890"/73.3mm				4 (cont.)
Main Bearing Set 1-2-3-4	TM-77	MS-2262P MB-3891P	STD, .25mm, .50mm	2.3603/2.3612	0.0014/0.0026	0.0787	2.5194/2.5204	0.7520
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-678S								
Thrust Washer Set		TW-678S MB-3899W(L) MB-3899W(U)	STD	2.6181/2.6280 2.6181/2.6280			3.1201/3.1299 3.1201/3.1299	0.0768 0.0768
5	3.3L 3275 CC SOHC 12V V6 NISSAN VG33E (2000)			3.600"/91.5mm x 3.260"/83.0mm				5
Connecting Rod Bearing Pair (6)	AL-5	CB-1591A	STD, .25mm, .50mm, .75mm	1.9669/1.9675	0.0006/0.0024	0.0594	2.0866/2.0871	0.6690
Connecting Rod Bearing Pair (6)	TM-1	CB-1591P	STD, .25mm, .50mm	1.9669/1.9675	0.0006/0.0024	0.0594	2.0866/2.0871	0.6690
Connecting Rod Bearing Set	AL-5	CB-1591A(6)	STD, .25mm, .50mm, .75mm	1.9669/1.9675	0.0006/0.0024	0.0594	2.0866/2.0871	0.6690
Main Bearing Set 1	TM-1	MS-2074P-.25mm MB-2995P	.50mm	2.4784/2.4793	0.0011/0.0039	0.0720	2.6238/2.6243	0.8910
2-3		MB-2996P		2.4784/2.4793	0.0011/0.0039	0.0720	2.6238/2.6243	0.7530
4		MB-3570P(F)		2.4784/2.4793	0.0011/0.0039	0.0720	2.6238/2.6243	1.1360
6	3.5L 3498 CC DOHC 24V V6 NISSAN VQ35DE, VQ35HR (2001-2008)			3.760"/95.5mm x 3.210"/81.4mm				6
Connecting Rod Bearing Pair (6)	TM-77	CB-1857P	STD, .25mm, .50mm	2.0455/2.0462	0.0009/0.0031	0.0594	2.1653/2.1659	0.6732
Connecting Rod Bearing Set	TM-77	CB-1857P(6)	STD, .25mm, .50mm	2.0455/2.0462	0.0009/0.0031	0.0594	2.1653/2.1659	0.6732
Main Bearing Set 1-2-3-4	TM-77	MS-2262P MB-3891P	STD, .25mm, .50mm	2.3603/2.3612	0.0014/0.0026	0.0787	2.5194/2.5204	0.7520
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-678S								
Thrust Washer Set		TW-678S MB-3899W(L) MB-3899W(U)	STD	2.6181/2.6280 2.6181/2.6280			3.1201/3.1299 3.1201/3.1299	0.0768 0.0768
8 CYL								
7	4.1L 4130 CC DOHC 32V V8 NISSAN VH41DE VIN Code: 'B' (1997-1998)			3.660"/93.0mm x 2.990"/76.0mm				7
	4.5L 4494 CC DOHC 32V V8 NISSAN VH45DE VIN Code: 'N' (1990-1996)			3.660"/93.0mm x 3.260"/82.7mm				
Connecting Rod Bearing Pair (8)	TM-1	CB-1655P	STD, .25mm, .50mm	2.0455/2.0462	0.0008/0.0018	0.0594	2.1654/2.1659	0.7170
Main Bearing Set 1-5	TM-1	MS-2060P MB-3547P	STD, .25mm, .50mm	2.5173/2.5183	0.0005/0.0019	0.0983	2.7143/2.7153	0.7880
2-4		MB-3548P		2.5173/2.5183	0.0005/0.0019	0.0983	2.7143/2.7153	0.8780
3		MB-3549P		2.5173/2.5183	0.0005/0.0019	0.0983	2.7143/2.7153	0.8370
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-597S								
Thrust Washer Set		TW-597S	STD	2.7854			3.3464	0.0767
8	4.1L 4130 CC DOHC 32V V8 NISSAN VH41DE (1997-1998)			3.660"/93.0mm x 2.990"/76.0mm				8
Thrust Washer Set		TW-597S	STD	2.7854			3.3464	0.0767



INFINITI

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
9	4.5L 4494 CC DOHC 32V V8 NISSAN VK45DE VIN Code: 'N' (1990-1996)			3.600"/93.0mm x 0.000"/0.0mm				9
Connecting Rod Bearing Pair (8)	TM-1	CB-1655P-.25mm	.50mm	2.0455/2.0462	0.0008/0.0018	0.0594	2.1654/2.1659	0.7170
Main Bearing Set	TM-1	MS-2060P-.25mm	.50mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-597S								
10	4.5L 4500 CC DOHC 32V V8 NISSAN VK45DE (2002-2010)			3.600"/93.0mm x 3.260"/82.7mm				10
	5.0L 5026 CC DOHC 32V V8 NISSAN VK50VE (2009-2013)			3.760"/95.5mm x 3.450"/87.7mm				
	5.6L 5552 CC DOHC 32V V8 NISSAN VK56DE, VK56VD, VK56VDS (2004-2013)			3.850"/98.0mm x 3.620"/92.0mm				
Connecting Rod Bearing Pair (8)	AL-3	CB-1894P	STD,.25mm,.50mm	2.1243/2.1250	0.0008/0.0015	0.0587	2.2441/2.2446	0.0858
Connecting Rod Bearing Set	AL-5	CB-1894A(8)	STD,.25mm,.50mm	2.1243/2.1250	0.0007/0.0025	0.0592	2.2441/2.2446	0.7200
Main Bearing Set 1-2-3-4-5 3	TM-1	MS-2300P MB-3919P MB-3920W	STD,.25mm,.50mm					0.0976 0.7913
11	5.6L 5552 CC 339 CID DOHC 32V V8 NISSAN VK56VD (2012-2013)			3.860"/98.0mm x 3.620"/92.0mm				11
Connecting Rod Bearing Pair (8)	AL-3	CB-1894P	STD,.25mm,.50mm	2.1243/2.1250	0.0008/0.0015	0.0587	2.2441/2.2446	0.0858
Connecting Rod Bearing Set	AL-5	CB-1894A(8)	STD,.25mm,.50mm	2.1243/2.1250	0.0007/0.0025	0.0592	2.2441/2.2446	0.7200

ISUZU

ENGINE	YEAR	BORE & STROKE	BLOCK
1.8L 1817 CC SOHC 8V L4	1981-1984	3.310"/84.0mm x 3.230"/82.0mm	2
1.8L 1817 CC SOHC 8V L4	1981-1985	3.310"/84.0mm x 3.230"/82.0mm	1
1.9L 1949 CC SOHC 8V L4	1983-1987	3.430"/87.0mm x 3.230"/82.0mm	3
2.0L 1994 CC SOHC 8V L4 4ZC1	1985-1989	3.470"/88.0mm x 3.230"/82.0mm	4
2.2L 2180 CC OHV 8V L4 GMC; Vortec	1996-2000	3.500"/89.0mm x 3.460"/88.0mm	5
2.2L 2156 CC SOHC 16V L4 HONDA	1996-1997	3.350"/85.0mm x 3.740"/95.0mm	6
2.3L 2254 CC SOHC 8V L4	1986-1995	3.520"/89.4mm x 3.540"/90.0mm	4
2.3L 2254 CC SOHC 16V L4 HONDA; VTEC	1998	3.390"/86.0mm x 3.820"/97.0mm	7
2.3L 2234 CC SOHC 16V L4 HONDA F23A7; VTEC	1999	3.390"/86.0mm x 3.820"/97.0mm	7
2.6L 2559 CC SOHC 8V L4	1988-1997	3.650"/92.6mm x 3.740"/95.0mm	8
2.8L 2770 CC 169 CID DOHC 16V L4 GMC	2006	3.660"/93.0mm x 4.000"/101.6mm	9
2.9L 2921 CC 178 CID DOHC 16V L4 GMC	2007-2008	3.760"/95.5mm x 4.000"/101.6mm	10
3.5L 3460 CC 211 CID DOHC 20V L5 GMC	2006	3.660"/93.0mm x 4.000"/101.6mm	11



ISUZU

ENGINE	YEAR	BORE & STROKE	BLOCK
3.7L 3654 CC 223 CID DOHC 20V L5 GMC	2007-2008	3.760"/95.5mm x 4.000"/101.6mm	12
2.8L 2827 CC OHV 12V V6 GMC; Chevrolet	1989-1991	3.500"/89.0mm x 2.990"/76.0mm	13
3.1L 3137 CC OHV 12V V6 GMC; Chevrolet	1991-1994	3.500"/89.0mm x 3.310"/84.0mm	14
3.2L 3165 CC SOHC 24V V6	1992-1997	3.680"/93.4mm x 3.030"/77.0mm	15
3.2L 3165 CC DOHC 24V V6 6VD1	1992-2004	3.680"/93.4mm x 3.030"/77.0mm	15
3.5L 3475 CC DOHC 24V V6 6VE1	2001-2004	3.680"/93.4mm x 3.350"/85.0mm	15
4.2L 256 CID DOHC 24V L6 GMC; Vortec	2003-2008	3.660"/93.0mm x 4.000"/102.0mm	16
4.3L 4294 CC OHV 12V V6 GMC; Vortec	1997-1999	4.000"/101.6mm x 3.480"/88.4mm	17
4.3L 262 CID OHV 12V V6 GMC; Vortec	2000	4.000"/101.6mm x 3.480"/88.4mm	18
5.3L 5328 CC 325 CID OHV 16V V8 GMC LH6; Vortec	2005-2006	3.780"/96.0mm x 3.620"/92.0mm	19
5.3L 5328 CC 325 CID OHV 16V V8 GMC LM4; Vortec	2003-2004	3.780"/96.0mm x 3.620"/92.0mm	20

MODEL	ENGINE	YEAR	BLOCK
Amigo	2.3L 2254 CC SOHC 8V L4	1989-1993	4
Amigo	2.6L 2559 CC SOHC 8V L4	1989-1994	8
Amigo	3.2L 3165 CC DOHC 24V V6	1998-2000	15
Ascender	4.2L 256 CID DOHC 24V L6 GMC; Vortec	2003-2008	16
Ascender	5.3L 5328 CC 325 CID OHV 16V V8 GMC; Vortec	2003-2004	20
Ascender	5.3L 5328 CC 325 CID OHV 16V V8 GMC; Vortec	2005-2006	19
Axiom	3.5L 3475 CC DOHC 24V V6	2002-2004	15
Hombre	2.2L 2180 CC OHV 8V L4 GMC; Vortec	1996-2000	5
Hombre	4.3L 4294 CC OHV 12V V6 GMC; Vortec	1997-1999	17
Hombre	4.3L 262 CID OHV 12V V6 GMC; Vortec	2000	18
i-280	2.8L 2770 CC 169 CID DOHC 16V L4 GMC	2006	9
i-290	2.9L 2921 CC 178 CID DOHC 16V L4 GMC	2007-2008	10
i-350	3.5L 3460 CC 211 CID DOHC 20V L5 GMC	2006	11
i-370	3.7L 3654 CC 223 CID DOHC 20V L5 GMC	2007-2008	12
I-Mark	1.8L 1817 CC SOHC 8V L4	1981-1984	2
I-Mark	1.8L 1817 CC SOHC 8V L4	1981-1985	1
Impulse	1.9L 1949 CC SOHC 8V L4	1983-1987	3
Impulse	2.0L 1994 CC SOHC 8V L4	1985-1989	4
Impulse	2.3L 2254 CC SOHC 8V L4	1988-1989	4
Oasis	2.2L 2156 CC SOHC 16V L4 HONDA	1996-1997	6
Oasis	2.3L 2234 CC SOHC 16V L4 HONDA; VTEC	1999	7
Oasis	2.3L 2254 CC SOHC 16V L4 HONDA; VTEC	1998	7
Pickup	1.8L 1817 CC SOHC 8V L4	1981-1982	1
Pickup	1.9L 1949 CC SOHC 8V L4	1983-1987	3
Pickup	2.3L 2254 CC SOHC 8V L4	1986-1995	4
Pickup	2.6L 2559 CC SOHC 8V L4	1988-1995	8
Pickup	3.1L 3137 CC OHV 12V V6 GMC; Chevrolet	1991-1994	14
Rodeo	2.6L 2559 CC SOHC 8V L4	1991-1997	8
Rodeo	3.1L 3137 CC OHV 12V V6 GMC; Chevrolet	1991-1992	14
Rodeo	3.2L 3165 CC SOHC 24V V6	1993-1997	15
Rodeo	3.2L 3165 CC DOHC 24V V6	1998-2004	15
Rodeo Sport	3.2L 3165 CC DOHC 24V V6	2001-2003	15
Trooper	1.9L 1949 CC SOHC 8V L4	1984-1985	3
Trooper	2.3L 2254 CC SOHC 8V L4	1986-1987	4



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MODEL	ENGINE	YEAR	BLOCK
Trooper	2.6L 2559 CC SOHC 8V L4	1988-1991	8
Trooper	2.8L 2827 CC OHV 12V V6 GMC; Chevrolet	1989-1991	13
Trooper	3.2L 3165 CC DOHC 24V V6	1992-1995	15
Trooper	3.2L 3165 CC SOHC 24V V6	1992-1997	15
Trooper	3.5L 3475 CC DOHC 24V V6	2001-2002	15
VehiCROSS	3.5L 3475 CC DOHC 24V V6	2001	15

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				4 CYL					
1	1.8L 1817 CC SOHC 8V L4 ISUZU VIN Codes: 'B' (1981-1985), 'N' (1981-1982)			3.310"/84.0mm x 3.230"/82.0mm					1
Connecting Rod Bearing Pair (4)	AL-5	CB-1654A	STD, .25mm, .50mm, .75mm, 1.00mm	1.9262/1.9268	0.0012/0.0040	0.0596	2.0466/2.0472	0.8460	
Connecting Rod Bearing Pair (4)	TM-77	CB-1654P	STD, .25mm, .50mm	1.9262/1.9268	0.0012/0.0040	0.0596	2.0466/2.0472	0.8460	
Connecting Rod Bearing Set	AL-5	CB-1654A(4)	STD, .25mm, .50mm, .75mm, 1.00mm		0.0012/0.0040	0.0596	2.0466/2.0472	0.8460	
Main Bearing Set		MS-1298A-.25mm	.50mm, .75mm						
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-451S									
Thrust Washer Set		TW-451S	STD						
		MB-3061W		2.5197			3.1575	0.0930	
2	1.8L 1817 CC SOHC 8V L4 ISUZU VIN Code: 'P' (1981-1984)			3.310"/84.0mm x 3.230"/82.0mm					2
Main Bearing Set		MS-1298A-.25mm	.50mm, .75mm						
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-451S									
Thrust Washer Set		TW-451S	STD						
		MB-3061W		2.5197			3.1575	0.0930	
3	1.9L 1949 CC SOHC 8V L4 ISUZU VIN Code: 'A' (1983-1987)			3.430"/87.0mm x 3.230"/82.0mm					3
Connecting Rod Bearing Pair (4)	AL-5	CB-1654A	STD, .25mm, .50mm, .75mm, 1.00mm	1.9262/1.9268	0.0012/0.0040	0.0596	2.0466/2.0472	0.8460	
Connecting Rod Bearing Pair (4)	TM-77	CB-1654P	STD, .25mm, .50mm	1.9262/1.9268	0.0012/0.0040	0.0596	2.0466/2.0472	0.8460	
Connecting Rod Bearing Set	AL-5	CB-1654A(4)	STD, .25mm, .50mm, .75mm, 1.00mm		0.0012/0.0040	0.0596	2.0466/2.0472	0.8460	
Main Bearing Set		MS-1298A-.25mm	.50mm, .75mm						
For Years: 1983 - 1985 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-451S									
Main Bearing Set	AL-5	MS-1775A	STD, .25mm, .50mm						
1-2-3-4-5		MB-3061A		2.2016/2.2020	0.0013/0.0028	0.0791	2.3612/2.3622	0.8660	
For Years: 1986 - 1987 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-451S									
Thrust Washer Set		TW-451S	STD						
		MB-3061W		2.5197			3.1575	0.0930	



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
4	2.0L 1994 CC SOHC 8V L4 ISUZU 4ZC1 VIN Code: 'F' (1985-1989)			3.470"/88.0mm x 3.230"/82.0mm				4
	2.3L 2254 CC SOHC 8V L4 ISUZU VIN Code: 'L' (1995)			3.520"/89.4mm x 3.540"/90.0mm				
Connecting Rod Bearing Pair (4)	AL-5	CB-1654A	STD, .25mm, .50mm, .75mm, 1.00mm	1.9262/1.9268	0.0012/0.0040	0.0596	2.0466/2.0472	0.8460
Connecting Rod Bearing Pair (4)	TM-77	CB-1654P	STD, .25mm, .50mm	1.9262/1.9268	0.0012/0.0040	0.0596	2.0466/2.0472	0.8460
Connecting Rod Bearing Set	AL-5	CB-1654A(4)	STD, .25mm, .50mm, .75mm, 1.00mm		0.0012/0.0040	0.0596	2.0466/2.0472	0.8460
Main Bearing Set 1-2-3-4-5	AL-5	MS-1775A MB-3061A	STD, .25mm, .50mm	2.2016/2.2020	0.0013/0.0028	0.0791	2.3612/2.3622	0.8660
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-451S								
Thrust Washer Set		TW-451S MB-3061W	STD	2.5197			3.1575	0.0930
5	2.2L 2180 CC OHV 8V L4 GMC; Vortec VIN Code: '4' (1996-2000)			3.500"/89.0mm x 3.460"/88.0mm				5
Connecting Rod Bearing Pair (4)	AL-5	CB-745A	STD, 10, 20, 30	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Pair (4)	AL-5	CB-1853A-10	20, 30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (4)	TM-77	CB-745P	STD, 1, 2, 10, 20, 30, 40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-745A(4)	STD, 10, 20, 30, 40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1853A-10(4)	20, 30	1.9990/2.0000	0.0010/0.0035	0.0631	2.1267/2.1272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-745P(4)	STD, 10, 20, 30, 40	1.9990/2.0000	0.0010/0.0035	0.0621	2.1247/2.1252	0.8420
Main Bearing Set 1-2-3-5	AL-5	MS-1704A MB-2854A	STD, 10, 20, 30	2.4944/2.4954	0.0009/0.0039	0.0955	2.6870/2.6880	0.7420
4		MB-2883A(F)		2.4944/2.4954	0.0009/0.0039	0.0955	2.6870/2.6880	0.9420
For Years: 1996 - 1997								
Main Bearing Set 1-2-5	AL-5	MS-2205A MB-2854A	STD, 10, 20, 30	2.4944/2.4954	0.0009/0.0039	0.0955	2.6870/2.6880	0.7420
3		MB-3749A		2.4944/2.4954	0.0006/0.0036	0.0955	2.6870/2.6880	0.8190
4		MB-2883A(F)		2.4944/2.4954	0.0009/0.0039	0.0955	2.6870/2.6880	0.9420
For Years: 1998 - 2000								
Camshaft Bearing Set 1	B-1	SH-1365S	STD					
2-5		SH-1365		1.8677/1.8697	0.0010/0.0062	0.0741	2.0189/2.0209	0.6300
3-4		SH-1364		1.8677/1.8697	0.0012/0.0053	0.0691	2.0091/2.0100	0.6300
		SH-1363		1.8677/1.8697	0.0011/0.0057	0.0640	1.9988/2.0002	0.6350
6	2.2L 2156 CC SOHC 16V L4 HONDA VIN Code: '4' (1996-1997)			3.350"/85.0mm x 3.740"/95.0mm				6
Connecting Rod Bearing Pair (4)	TM-1	CB-1780P	STD, .25mm, .50mm	1.8888/1.8898	0.0008/0.0036	0.0589	2.0079/2.0087	0.7650



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
6 (cont.)	2.2L 2156 CC SOHC 16V L4 HONDA VIN Code: '4' (1996-1997)			3.350"/85.0mm x 3.740"/95.0mm				6 (cont.)
Connecting Rod Bearing Set		CB-1780P(4)	STD					
Main Bearing Set 1-2-3-4-5 For Year: 1997 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-587S		MS-2012P MB-3474P	STD,.25mm,.50mm	1.9677/1.9687	0.0005/0.0015	0.0788	2.1253/2.1263	0.7880
Thrust Washer Set		TM-1 TW-587S MB-3474W	STD	2.2641			3.0713	0.0980
NOTE: Contains 2 Pieces, Position Number 4 Use with Part Number MS-2012								
7	2.3L 2254 CC SOHC 16V L4 HONDA; VTEC (1998)			3.390"/86.0mm x 3.820"/97.0mm				7
		2.3L 2234 CC SOHC 16V L4 HONDA F23A7; VTEC (1999)			3.390"/86.0mm x 3.820"/97.0mm			
Main Bearing Set 1-2-3-4-5		AL-5 MS-1804A MB-3176A	STD,.25mm	2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
Main Bearing Set 1-2-3-4-5		TM-1 MS-1804P MB-3176P	STD,.25mm,.50mm	2.1644/2.1654	0.0010/0.0019	0.0790	2.3228/2.3237	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-473S								
8	2.6L 2559 CC SOHC 8V L4 ISUZU VIN Code: 'E' (1988-1997)			3.650"/92.6mm x 3.740"/95.0mm				8
Connecting Rod Bearing Pair (4)		AL-3 CB-1480A	STD,.25mm	1.9262/1.9268	0.0010/0.0026	0.0596	2.0466/2.0474	0.8320
Connecting Rod Bearing Set		AL-3 CB-1480A(4)	STD,.25mm	1.9262/1.9268	0.0010/0.0026	0.0596	2.0466/2.0474	0.8320
Main Bearing Set		MS-1821A	STD,.25mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-451S								
Thrust Washer Set		TW-451S MB-3061W	STD	2.5197			3.1575	0.0930
9	2.8L 2770 CC 169 CID DOHC 16V L4 GMC VIN Code: '8' (2006)			3.660"/93.0mm x 4.000"/101.6mm				9
Main Bearing Set		MS-2249A	STD,10,20,30					
Balance Shaft Bearing Set		AL-3 SH-2000S	STD					
Left Center		SH-2008				1.8951/1.8959	0.8740	
Left Front		SH-2007				1.8668/1.8675	0.8740	
Right Center		SH-2009				1.6249/1.6257	0.8740	
Right Front		SH-2010				1.5965/1.5973	0.8740	
10	2.9L 2921 CC 178 CID DOHC 16V L4 GMC VIN Code: '9' (2007-2008)			3.760"/95.5mm x 4.000"/101.6mm				10
Connecting Rod Bearing Pair (4)		AL-5 CB-1882A	STD,10,20,30	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
10 (cont.)	2.9L 2921 CC 178 CID DOHC 16V L4 GMC VIN Code: '9' (2007-2008)			3.760"/95.5mm x 4.000"/101.6mm				10 (cont.)
Connecting Rod Bearing Pair (4)	AL-5	CB-1883A-10	20,30	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1882A(4)	STD,10,20,30	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
Connecting Rod Bearing Set	AL-5	CB-1883A-10(4)	20,30	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set		MS-2249A	STD,10,20,30					
Balance Shaft Bearing Set	AL-3	SH-2000S	STD					
Left Center		SH-2008					1.8951/1.8959	0.8740
Left Front		SH-2007					1.8668/1.8675	0.8740
Right Center		SH-2009					1.6249/1.6257	0.8740
Right Front		SH-2010					1.5965/1.5973	0.8740
5 CYL								
11	3.5L 3460 CC 211 CID DOHC 20V L5 GMC VIN Code: '6' (2006)			3.660"/93.0mm x 4.000"/101.6mm				11
Main Bearing Set		MS-2250A	STD,10,20,30					
Balance Shaft Bearing Set	AL-3	SH-2000S	STD					
Left Center		SH-2008					1.8951/1.8959	0.8740
Left Front		SH-2007					1.8668/1.8675	0.8740
Right Center		SH-2009					1.6249/1.6257	0.8740
Right Front		SH-2010					1.5965/1.5973	0.8740
12	3.7L 3654 CC 223 CID DOHC 20V L5 GMC VIN Code: 'E' (2007-2008)			3.760"/95.5mm x 4.000"/101.6mm				12
Connecting Rod Bearing Pair (5)	AL-5	CB-1882A	STD,10,20,30	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
Connecting Rod Bearing Pair (5)	AL-5	CB-1883A-10	20,30	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1882A(5)	STD,10,20,30	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
Connecting Rod Bearing Set	AL-5	CB-1883A-10(5)	20,30	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set		MS-2250A	STD,10,20,30					
Balance Shaft Bearing Set	AL-3	SH-2000S	STD					
Left Center		SH-2008					1.8951/1.8959	0.8740
Left Front		SH-2007					1.8668/1.8675	0.8740
Right Center		SH-2009					1.6249/1.6257	0.8740
Right Front		SH-2010					1.5965/1.5973	0.8740



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COUNTER DATA					SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
6 CYL									
13	2.8L 2827 CC OHV 12V V6 GMC; Chevrolet			3.500"/89.0mm x 2.990"/76.0mm					13
VIN Code: 'R' (1989-1991)									
Connecting Rod Bearing Pair (6)	AL-5	CB-1238A	STD,.25mm,.50mm,.75mm,1.00mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205	
Connecting Rod Bearing Pair (6)	AL-5	CB-1797A	STD,.25mm,.50mm	1.9984/1.9994	0.0005/0.0035	0.0633	2.1265/2.1275	0.7205	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-1238A(6)	STD,.25mm,.50mm,.75mm,1.00mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205	
Connecting Rod Bearing Set	AL-5	CB-1797A(6)	STD,.25mm,.50mm,.75mm	1.9984/1.9994	0.0005/0.0035	0.0633	2.1265/2.1275	0.7205	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set	AL-5	MS-2273A	STD,.25mm,.50mm,.75mm						
1-4		MB-3511A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9770	
2		MB-3512A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.7380	
3		MB-3881A(F)		2.6473/2.6482	0.0004/0.0032	0.0959	2.8405/2.8415	0.9420	
14	3.1L 3137 CC OHV 12V V6 GMC; Chevrolet			3.500"/89.0mm x 3.310"/84.0mm					14
VIN Code: 'Z' (1991-1994)									
Connecting Rod Bearing Pair (6)	AL-5	CB-1238A	STD,.25mm,.50mm,.75mm,1.00mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205	
Connecting Rod Bearing Pair (6)	AL-5	CB-1797A	STD,.25mm,.50mm	1.9984/1.9994	0.0005/0.0035	0.0633	2.1265/2.1275	0.7205	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-1238A(6)	STD,.25mm,.50mm,.75mm,1.00mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205	
Connecting Rod Bearing Set	AL-5	CB-1797A(6)	STD,.25mm,.50mm,.75mm	1.9984/1.9994	0.0005/0.0035	0.0633	2.1265/2.1275	0.7205	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set	AL-5	MS-2273A	STD,.25mm,.50mm,.75mm						
1-4		MB-3511A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9770	
2		MB-3512A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.7380	
3		MB-3881A(F)		2.6473/2.6482	0.0004/0.0032	0.0959	2.8405/2.8415	0.9420	
Camshaft Bearing Set	B-1	SH-1364S	STD						
1		SH-1362		1.8677/1.8697	0.0012/0.0053	0.0691	2.0090/2.0110	0.6300	
2-3		SH-1363		1.8677/1.8697	0.0011/0.0057	0.0640	1.9988/2.0002	0.6350	
4		SH-1364		1.8677/1.8697	0.0012/0.0053	0.0691	2.0091/2.0100	0.6300	
15	3.2L 3165 CC DOHC 24V V6 ISUZU 6VD1			3.680"/93.4mm x 3.030"/77.0mm					15
VIN Code: 'W' (1992-1995, 1998)									
3.2L 3165 CC SOHC 24V V6 ISUZU			3.680"/93.4mm x 3.030"/77.0mm						
VIN Code: 'V' (1993-1997)									
3.5L 3475 CC DOHC 24V V6 ISUZU 6VE1			3.680"/93.4mm x 3.350"/85.0mm						
VIN Codes: 'X' (2003), 'Y' (2004)									
Connecting Rod Bearing Pair (6)	AL-5	CB-1830AL	STD,.25mm	2.1229/2.1235	0.0007/0.0031	0.0596	2.2434/2.2441	0.6740	
Main Bearing Set	AL-3	MS-2236AL	STD,.25mm						
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-615S									



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
6 CYL (cont.)									
15 (cont.)	3.2L 3165 CC DOHC 24V V6 ISUZU 6VD1 VIN Code: 'W' (1992-1995, 1998)			3.680"/93.4mm x 3.030"/77.0mm					15 (cont.)
	3.2L 3165 CC SOHC 24V V6 ISUZU VIN Code: 'V' (1993-1997)			3.680"/93.4mm x 3.030"/77.0mm					
	3.5L 3475 CC DOHC 24V V6 ISUZU 6VE1 VIN Codes: 'X' (2003), 'Y' (2004)			3.680"/93.4mm x 3.350"/85.0mm					
Thrust Washer Set		TW-615S	STD						
		MB-3807W		2.7953/2.8051				0.0770	
16	4.2L 256 CID DOHC 24V L6 GMC; Vortec VIN Code: 'S' (2003-2008)			3.660"/93.0mm x 4.000"/102.0mm					16
Connecting Rod Bearing Pair (8)	AL-5	CB-1882A	STD,10,20,30	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140	
Connecting Rod Bearing Pair (6)	AL-5	CB-1883A-10	20,30	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140	
For Years: 2007 - 2008 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-1882A(6)	STD,10,20,30	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140	
Connecting Rod Bearing Set	AL-5	CB-1883A-10(6)	20,30	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140	
For Years: 2007 - 2008 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set		MS-2224A	STD,10,20,30						
17	4.3L 4294 CC OHV 12V V6 GMC; Vortec VIN Code: 'X' (1997-1999)			4.000"/101.6mm x 3.480"/88.4mm					17
Connecting Rod Bearing Pair (6)	AL-5	CB-1358A	STD,10,20,30,40	2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530	
Connecting Rod Bearing Pair (6)	AL-5	CB-1794A	STD,10,20,30	2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Pair (6)	TM-77	CB-1358P-1		2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530	
Connecting Rod Bearing Pair (6)	TM-77	CB-1794P-40		2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-1358A(6)	STD,10,20,30,40	2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530	
Connecting Rod Bearing Set	AL-5	CB-1794A(6)	STD,10,20,30,P40	2.2492/2.2498	0.0005/0.0031	0.0632	2.3767/2.3777	0.7530	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set	AL-5	MS-1454A	STD,10,20,30,40						
1-2-3		MB-2508A		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070	
4		MB-2509A(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180	
Main Bearing Set	TM-77	MS-1454P	STD,1,10,20,30,40						
1-2-3		MB-2508P		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070	
4		MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180	



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
17 (cont.)	4.3L 4294 CC OHV 12V V6 GMC; Vortec VIN Code: 'X' (1997-1999)			4.000"/101.6mm x 3.480"/88.4mm				17 (cont.)
Camshaft Bearing Set	B-1	SH-1350S	STD					
1		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
2-4		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
3		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
NOTE: Except Engines Stamped With Identification Number Located On Front Of Block Starting With "T"								
Camshaft Bearing Set	B-1	SH-1351S	STD					
1-4		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
2		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
3		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
For Years: 1997 - 1998								
Balance Shaft Bearing Set		SH-1798S	STD					
Rear		SH-1798		1.4986/1.5000	0.0011/0.0047	0.1882	1.8735/1.8745	0.8350
NOTE: Except Engines With Roller Bearings								
18	4.3L 262 CID OHV 12V V6 GMC; Vortec VIN Code: 'W' (2000)			4.000"/101.6mm x 3.480"/88.4mm				18
Connecting Rod Bearing Pair (6)	AL-5	CB-1358A	STD,10,20,30,40	2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530
Connecting Rod Bearing Pair (6)	TM-77	CB-1358P-1		2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530
Connecting Rod Bearing Set	AL-5	CB-1358A(6)	STD,10,20,30,40	2.2492/2.2498	0.0005/0.0031	0.0622	2.3747/2.3757	0.7530
Main Bearing Set	AL-5	MS-1454A	STD,10,20,30,40					
1-2-3		MB-2508A		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
4		MB-2509A(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
Main Bearing Set	TM-77	MS-1454P	STD,1,10,20,30,40					
1-2-3		MB-2508P		2.4483/2.4493	0.0006/0.0036	0.0955	2.6406/2.6416	0.8070
4		MB-2509P(F)		2.4478/2.4488	0.0011/0.0041	0.0955	2.6406/2.6416	1.7180
Camshaft Bearing Set	B-1	SH-1350S	STD					
1		SH-290		1.8682/1.8692	0.0010/0.0050	0.0744	2.0190/2.0210	0.7500
2-4		SH-288		1.8682/1.8692	0.0010/0.0050	0.0694	2.0090/2.0110	0.7500
3		SH287		1.8682/1.8692	0.0010/0.0050	0.0644	1.9990/2.0010	0.7500
Balance Shaft Bearing Set		SH-1798S	STD					
Rear		SH-1798		1.4986/1.5000	0.0011/0.0047	0.1882	1.8735/1.8745	0.8350
NOTE: Except Engines With Roller Bearings								
				8 CYL				
19	5.3L 5328 CC 325 CID OHV 16V V8 GMC LH6; Vortec VIN Code: 'M' (2005-2006)			3.780"/96.0mm x 3.620"/92.0mm				19
Main Bearing Set		MS-2199A	STD,10,20,30					
		MB3592ALLSTD						
		MB3592ALUSTD						
1-2-4-5		MB-3591A		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592A(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
19 (cont.)	5.3L 5328 CC 325 CID OHV 16V V8 GMC LH6; Vortec VIN Code: 'M' (2005-2006)			3.780"/96.0mm x 3.620"/92.0mm			19 (cont.)	
Main Bearing Set 1,2,3,4 5	AL-5	MS-2366A-10 MB4031A10 MB4032AF10		2.5488/2.5493	0.0002/0.0019	0.1107	2.7709/2.7715	0.8050 1.0275
NOTE: .020in Oversize Housing Bore								
Main Bearing Set 1-2-4-5 3	TM-77	MS-2199P MB-3591P MB-3592P(F)	STD,10,20	2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050 1.0280
20	5.3L 5328 CC 325 CID OHV 16V V8 GMC LM4; Vortec VIN Code: 'P' (2003-2004)			3.780"/96.0mm x 3.620"/92.0mm			20	
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set 1-2-4-5 3		MS-2199A MB3592ALLSTD MB3592ALUSTD MB-3591A MB-3592A(F)	STD,10,20,30	2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050 1.0280
Main Bearing Set 1,2,3,4 5	AL-5	MS-2366A-10 MB4031A10 MB4032AF10		2.5488/2.5493	0.0002/0.0019	0.1107	2.7709/2.7715	0.8050 1.0275
NOTE: .020in Oversize Housing Bore								
Main Bearing Set 1-2-4-5 3	TM-77	MS-2199P MB-3591P MB-3592P(F)	STD,10,20	2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050 1.0280
Camshaft Bearing Set 1-5 2-4 3	B-1	SH-1814S SH-1814 SH-1815 SH-1816	STD	2.1650/2.1670	0.0011/0.0063	0.0790	2.3260/2.3280	0.6350 0.6350 0.6350
For Year: 2003								
NOTE: 2003, 1st Design, Position Number 1 And 5 Housing Bore Is 2.3260in/2.3280in								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
20 (cont.)	5.3L 5328 CC 325 CID OHV 16V V8 GMC LM4; Vortec			3.780"/96.0mm x 3.620"/92.0mm				20 (cont.)
VIN Code: 'P' (2003-2004)								
Camshaft Bearing Set								
	B-1	SH-2125S	STD					
1-5		SH-1995A		2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800
2-4		SH-2124		2.1650/2.1670	0.0010/0.0062	0.0799	2.3276/2.3295	0.7800
3		SH-2125		2.1650/2.1670	0.0010/0.0062	0.0700	2.3079/2.3098	0.7800
NOTE: 2003, 2nd Design, Position Number 1 And 5 Housing Bore Is 2.3460in/2.3480in, Non Coated								
Camshaft Bearing Set								
	B-2	SH-2160S	STD					
For Year: 2003								
NOTE: 2003, 2nd Design, Position Number 1 And 5 Housing Bore Is 2.3460in/2.3480in								
Camshaft Bearing Set								
	B-1	SH-2199S	STD					
NOTE: 2003, 2nd Design, Position Number 1 And 5 Housing Bore Is 2.3460in/2.3480in, Coated								

JAGUAR

ENGINE	YEAR	BORE & STROKE	BLOCK
3.0L 2967 CC 181 CID DOHC 24V V6 FORD	2003-2007	3.500"/89.0mm x 3.130"/79.5mm	1
3.0L 2968 CC 181 CID DOHC 24V V6 FORD AJ27; Duratec	2000-2008	3.500"/89.0mm x 3.120"/79.5mm	1
3.0L 2967 CC 181 CID DOHC 24V V6 FORD	2004-2005	3.520"/89.5mm x 3.130"/79.5mm	1

MODEL	ENGINE	YEAR	BLOCK
S-Type	3.0L 2968 CC 181 CID DOHC 24V V6 FORD; Duratec	2000-2008	1
X-Type	3.0L 2967 CC 181 CID DOHC 24V V6 FORD	2003-2007	1
X-Type	3.0L 2968 CC 181 CID DOHC 24V V6 FORD; Duratec	2002-2008	1



JAGUAR

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
1	3.0L 2967 CC 181 CID DOHC 24V V6 FORD (2003-2007)				3.500"/89.0mm x 3.130"/79.5mm			1
	3.0L 2968 CC 181 CID DOHC 24V V6 FORD AJ27; Duratec VIN Codes: 'A' (2003-2008), 'F' (2000-2002), 'W' (2002-2003)				3.500"/89.0mm x 3.120"/79.5mm			
	3.0L 2967 CC 181 CID DOHC 24V V6 FORD (2004-2005)				3.520"/89.5mm x 3.130"/79.5mm			
Connecting Rod Bearing Pair (6)	AL-5	CB-1772A	STD,.25mm,.50mm,.75mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
Connecting Rod Bearing Pair (6)	AL-5	CB-1845A-.25mm	.50mm,.75mm	1.9670/1.9680	0.0008/0.0034	0.0604	2.0892/2.0900	0.7080
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1772A(6)	STD,.25mm,.50mm,.75mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
Connecting Rod Bearing Set	AL-5	CB-1845A-.25mm(6)	.50mm,.75mm	1.9670/1.9680	0.0008/0.0034	0.0604	2.0892/2.0900	0.7080
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set		MS-2207A	STD,.25mm,.50mm,.75mm					
1-2-3		MB5051ALSTD		2.4790/2.4800	0.0003/0.0018	0.0987	2.6771/2.6779	0.7060
4		MB-3750A		2.4790/2.4800	0.0003/0.0032	0.0984	2.6771/2.6780	0.8800
		MB-3751A(F)						
NOTE: Thrust Washer Included								
Piston Pin Bushing	C-1	223-3651	STD			0.0708	0.9467	0.8450
NOTE: OE Replacement, Requires Light Reaming								

JEEP

ENGINE	YEAR	BORE & STROKE	BLOCK
2.0L 1998 CC 122 CID DOHC 16V L4 CHRYSLER ECN; GEMA	2007-2014	3.390"/86.1mm x 3.390"/86.1mm	1
2.2L 2197 CC 134 CID L-HEAD 8V L4 3J; Lightning	1946-1968	3.130"/79.2mm x 4.380"/111.0mm	3
2.2L 2197 CC 134 CID F-HEAD 8V L4 4J, SF; Hurricane	1950-1971	3.130"/79.2mm x 4.380"/111.0mm	2
2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1972-1973	3.130"/79.2mm x 4.380"/111.0mm	3
2.4L 148 CID DOHC 16V L4 CHRYSLER; Power-Tech	2002-2006	3.440"/87.5mm x 3.980"/101.0mm	7
2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER ED3; GEMA	2007-2014	3.460"/88.0mm x 3.820"/97.0mm	4
2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER ED3	2008	3.460"/88.0mm x 3.820"/97.0mm	5
2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER ED3; GEMA	2008-2010	3.460"/88.0mm x 3.820"/97.0mm	5
2.4L 2360 CC 144 CID DOHC 16V L4 FIAT ED3	2012-2013	3.460"/88.0mm x 3.820"/97.0mm	4
2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER ED3; GEMA	2014	3.460"/88.0mm x 3.820"/97.0mm	6
2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER EDG; PZEV	2009	3.460"/88.0mm x 3.820"/97.0mm	4
2.5L 150 CID OHV 8V L4 AMC	1983-1990	3.880"/98.5mm x 3.190"/81.0mm	9
2.5L 150 CID OHV 8V L4 CHRYSLER	1991-2002	3.880"/98.5mm x 3.190"/81.0mm	8
2.5L 151 CID OHV 8V L4 GMC	1980-1983	4.000"/101.6mm x 3.000"/76.2mm	10



JEEP

ENGINE	YEAR	BORE & STROKE	BLOCK
2.8L 173 CID OHV 12V V6 GMC	1984-1986	3.500"/89.0mm x 2.990"/76.0mm	11
3.6L 3604 CC 220 CID DOHC 24V V6 CHRYSLER ERB; Pentastar	2011-2016	3.780"/96.0mm x 3.270"/83.0mm	12
3.6L 3604 CC 220 CID DOHC 24V V6 FIAT ERB	2014	3.780"/96.0mm x 3.270"/83.0mm	12
3.7L 226 CID SOHC 12V V6 CHRYSLER; Power-Tech	2002-2004	3.660"/93.0mm x 3.570"/90.7mm	14
3.7L 226 CID SOHC 12V V6 CHRYSLER EKG; Magnum	2002-2011	3.660"/93.0mm x 3.570"/90.7mm	15
3.7L 3687 CC 225 CID OHV 12V V6 GMC HC, MH, NH, PH, RH, SF, SH	1966-1971	3.750"/95.3mm x 3.400"/86.4mm	13
3.8L 3802 CC 232 CID OHV 12V L6 AMC 1L, 3L; Hi Torque	1967-1974	3.750"/95.2mm x 3.430"/87.3mm	19
3.8L 3802 CC 232 CID OHV 12V L6 AMC	1972-1978	3.750"/95.2mm x 3.430"/87.3mm	18
3.8L 3802 CC 232 CID OHV 12V L6 AMC 8L, 9L; Hi Torque	1966-1967	3.750"/95.2mm x 3.430"/87.3mm	20
3.8L 232 CID OHV 12V L6 AMC	1975-1978	3.750"/95.3mm x 3.500"/88.8mm	19
3.8L 3778 CC 231 CID OHV 12V V6 CHRYSLER	2007-2011	3.780"/96.0mm x 3.430"/87.0mm	16
3.8L 3778 CC 231 CID OHV 12V V6 CHRYSLER EGT	2008-2009	3.780"/96.0mm x 3.430"/87.0mm	17
4.0L 242 CID OHV 12V L6 AMC	1987-1990	3.880"/98.4mm x 3.430"/87.0mm	19
4.0L 242 CID OHV 12V L6 CHRYSLER; Power-Tech	1999-2006	3.880"/98.4mm x 3.430"/87.0mm	21
4.2L 4228 CC 258 CID OHV 12V L6 AMC	1971-1974	3.750"/95.3mm x 3.900"/98.9mm	18
4.2L 4229 CC 258 CID OHV 12V L6 AMC	1971-1978	3.750"/95.3mm x 3.900"/98.9mm	18
4.2L 258 CID OHV 12V L6 AMC	1975-1990	3.750"/95.3mm x 3.900"/98.9mm	19
4.7L 287 CID SOHC 16V V8 CHRYSLER; Power-Tech	1999-2001	3.660"/93.0mm x 3.410"/86.5mm	22
4.7L 285 CID SOHC 16V V8 CHRYSLER; Power-Tech	2002-2004	3.660"/93.0mm x 3.410"/86.5mm	22
4.7L 285 CID SOHC 16V V8 CHRYSLER; Magnum	2005-2009	3.660"/93.0mm x 3.410"/86.5mm	22
5.0L 4982 CC 304 CID OHV 16V V8 AMC	1971-1974	3.750"/95.3mm x 3.440"/87.3mm	23
5.0L 4983 CC 304 CID OHV 16V V8 AMC	1971-1978	3.750"/95.3mm x 3.440"/87.4mm	23
5.0L 304 CID OHV 16V V8 AMC	1975-1981	3.750"/95.3mm x 3.440"/87.4mm	23
5.2L 5218 CC 318 CID OHV 16V V8 CHRYSLER	1996	3.870"/98.4mm x 3.310"/84.1mm	24
5.2L 5218 CC 318 CID OHV 16V V8 CHRYSLER	1997	3.910"/99.4mm x 3.310"/84.1mm	24
5.7L 5736 CC 350 CID OHV 16V V8 GMC KPO, KRO, KTO	1968-1971	3.800"/96.5mm x 3.850"/97.8mm	27
5.7L 345 CID OHV 16V V8 CHRYSLER EZB; HEMI	2006-2008	3.920"/99.5mm x 3.580"/90.9mm	25
5.7L 345 CID OHV 16V V8 CHRYSLER EZD, EZH; HEMI	2005-2013	3.920"/99.6mm x 3.580"/90.9mm	26
5.7L 345 CID OHV 16V V8 CHRYSLER EZH; HEMI	2014	3.920"/99.6mm x 3.580"/90.9mm	25
5.9L 5899 CC 360 CID OHV 16V V8 AMC	1970-1974	4.080"/103.6mm x 3.440"/87.3mm	23
5.9L 5900 CC 360 CID OHV 16V V8 AMC	1971-1974	4.080"/103.6mm x 3.440"/87.4mm	23
5.9L 360 CID OHV 16V V8 AMC	1975-1991	4.080"/103.6mm x 3.440"/87.4mm	23
6.1L 6059 CC 370 CID OHV 16V V8 CHRYSLER; HEMI	2006-2010	4.060"/103.0mm x 3.580"/90.9mm	28
6.4L 6424 CC 392 CID OHV 16V V8 CHRYSLER ESG; HEMI	2012-2017	4.090"/103.9mm x 3.720"/94.5mm	29
6.6L 6571 CC 401 CID OHV 16V V8 AMC	1974	4.170"/105.9mm x 3.680"/93.5mm	30
6.6L 6572 CC 401 CID OHV 16V V8 AMC	1974	4.170"/105.9mm x 3.680"/93.5mm	30
6.6L 401 CID OHV 16V V8 AMC	1975-1978	4.170"/105.9mm x 3.680"/93.5mm	30

MODEL	ENGINE	YEAR	BLOCK
475	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1956	2
Cherokee	2.5L 150 CID OHV 8V L4 AMC	1984-1990	9
Cherokee	2.5L 150 CID OHV 8V L4 CHRYSLER	1991-2000	8
Cherokee	2.8L 173 CID OHV 12V V6 GMC	1984-1986	11
Cherokee	4.0L 242 CID OHV 12V L6 AMC	1987-1990	19
Cherokee	4.0L 242 CID OHV 12V L6 CHRYSLER; Power-Tech	2000-2001	21
Cherokee	4.2L 258 CID OHV 12V L6 AMC	1975-1983	19
Cherokee	4.2L 4228 CC 258 CID OHV 12V L6 AMC	1974	18



JEEP

MODEL	ENGINE	YEAR	BLOCK
Cherokee	4.2L 4229 CC 258 CID OHV 12V L6 AMC	1974	18
Cherokee	5.9L 360 CID OHV 16V V8 AMC	1975-1983	23
Cherokee	5.9L 5899 CC 360 CID OHV 16V V8 AMC	1974	23
Cherokee	5.9L 5900 CC 360 CID OHV 16V V8 AMC	1974	23
Cherokee	6.6L 401 CID OHV 16V V8 AMC	1975-1978	30
Cherokee	6.6L 6571 CC 401 CID OHV 16V V8 AMC	1974	30
Cherokee	6.6L 6572 CC 401 CID OHV 16V V8 AMC	1974	30
CJ3	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1959-1966	2
CJ3	3.7L 3687 CC 225 CID OHV 12V V6 GMC	1966	13
CJ5	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1959-1971	2
CJ5	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1972-1973	3
CJ5	2.5L 151 CID OHV 8V L4 GMC	1980-1983	10
CJ5	3.7L 3687 CC 225 CID OHV 12V V6 GMC	1966-1971	13
CJ5	3.8L 232 CID OHV 12V L6 AMC	1975-1978	19
CJ5	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1972-1974	19
CJ5	3.8L 3802 CC 232 CID OHV 12V L6 AMC	1972-1974	18
CJ5	4.2L 258 CID OHV 12V L6 AMC	1975-1983	19
CJ5	4.2L 4228 CC 258 CID OHV 12V L6 AMC	1971-1974	18
CJ5	4.2L 4229 CC 258 CID OHV 12V L6 AMC	1972-1974	18
CJ5	5.0L 304 CID OHV 16V V8 AMC	1975-1981	23
CJ5	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1971-1974	23
CJ5	5.0L 4983 CC 304 CID OHV 16V V8 AMC	1972-1974	23
CJ6	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1959-1971	2
CJ6	3.7L 3687 CC 225 CID OHV 12V V6 GMC	1966-1971	13
CJ6	3.8L 232 CID OHV 12V L6 AMC	1975	19
CJ6	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1972-1974	19
CJ6	3.8L 3802 CC 232 CID OHV 12V L6 AMC	1972-1974	18
CJ6	4.2L 258 CID OHV 12V L6 AMC	1975	19
CJ6	4.2L 4228 CC 258 CID OHV 12V L6 AMC	1971-1974	18
CJ6	4.2L 4229 CC 258 CID OHV 12V L6 AMC	1972-1974	18
CJ6	5.0L 304 CID OHV 16V V8 AMC	1975	23
CJ6	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1971-1974	23
CJ6	5.0L 4983 CC 304 CID OHV 16V V8 AMC	1972-1974	23
CJ7	2.5L 150 CID OHV 8V L4 AMC	1983-1986	9
CJ7	2.5L 151 CID OHV 8V L4 GMC	1980-1983	10
CJ7	3.8L 232 CID OHV 12V L6 AMC	1976-1978	19
CJ7	4.2L 258 CID OHV 12V L6 AMC	1976-1986	19
CJ7	5.0L 304 CID OHV 16V V8 AMC	1976-1981	23
Comanche	2.5L 150 CID OHV 8V L4 AMC	1986-1990	9
Comanche	2.5L 150 CID OHV 8V L4 CHRYSLER	1991-1992	8
Comanche	2.8L 173 CID OHV 12V V6 GMC	1986	11
Comanche	4.0L 242 CID OHV 12V L6 AMC	1987-1990	19
Commander	3.7L 226 CID SOHC 12V V6 CHRYSLER; Magnum	2006-2010	15
Commander	4.7L 285 CID SOHC 16V V8 CHRYSLER; Magnum	2006-2009	22
Commander	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2006-2008	25
Commander	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2006-2010	26
Commando	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1966-1971	2
Commando	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1972-1973	3
Commando	3.7L 3687 CC 225 CID OHV 12V V6 GMC	1966-1971	13
Commando	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1972-1973	19



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MODEL	ENGINE	YEAR	BLOCK
Commando	4.2L 4228 CC 258 CID OHV 12V L6 AMC	1972-1973	18
Commando	4.2L 4229 CC 258 CID OHV 12V L6 AMC	1973	18
Commando	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1972-1973	23
Commando	5.0L 4983 CC 304 CID OHV 16V V8 AMC	1973	23
Compass	2.0L 1998 CC 122 CID DOHC 16V L4 CHRYSLER; GEMA	2007-2014	1
Compass	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER; GEMA	2007-2014	4
Compass	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER	2008-2010	5
Compass	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER; GEMA	2014	6
Dispatcher	2.2L 2197 CC 134 CID L-HEAD 8V L4; Lightning	1961-1968	3
Dispatcher	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1961-1969	2
Dispatcher	3.7L 3687 CC 225 CID OHV 12V V6 GMC	1966-1969	13
DJ3	2.2L 2197 CC 134 CID L-HEAD 8V L4; Lightning	1959-1966	3
DJ5	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1965-1971	2
DJ5	2.5L 151 CID OHV 8V L4 GMC	1980-1983	10
DJ5	3.7L 3687 CC 225 CID OHV 12V V6 GMC	1966-1971	13
DJ5	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1972-1974	19
DJ5	3.8L 3802 CC 232 CID OHV 12V L6 AMC	1972-1978	18
DJ5	4.2L 258 CID OHV 12V L6 AMC	1979-1983	19
DJ5	4.2L 4228 CC 258 CID OHV 12V L6 AMC	1973-1974	18
DJ5	4.2L 4229 CC 258 CID OHV 12V L6 AMC	1973-1978	18
DJ5	5.0L 304 CID OHV 16V V8 AMC	1979-1981	23
DJ5	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1973-1974	23
DJ5	5.0L 4983 CC 304 CID OHV 16V V8 AMC	1974-1978	23
DJ6	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1965-1968	2
DJ6	3.7L 3687 CC 225 CID OHV 12V V6 GMC	1966-1968	13
F-134	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1963-1966	2
F4	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1957-1958	2
F4-134	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1957-1962	2
FA-134	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1958-1960	2
FC150	2.2L 2197 CC 134 CID L-HEAD 8V L4; Lightning	1957-1963	3
FC150	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1963-1966	2
FC170	2.2L 2197 CC 134 CID L-HEAD 8V L4; Lightning	1957-1961	3
FC170	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1964-1966	2
FJ3	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1964	2
FJ3A	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1961-1963	2
Gladiator	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1966-1967	20
Gladiator	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1967-1969	19
Grand Cherokee	3.6L 3604 CC 220 CID DOHC 24V V6 CHRYSLER; Pentastar	2011-2015	12
Grand Cherokee	3.7L 226 CID SOHC 12V V6 CHRYSLER; Magnum	2005-2010	15
Grand Cherokee	4.0L 242 CID OHV 12V L6 CHRYSLER; Power-Tech	1999-2004	21
Grand Cherokee	4.7L 285 CID SOHC 16V V8 CHRYSLER; Magnum	2002-2009	22
Grand Cherokee	4.7L 287 CID SOHC 16V V8 CHRYSLER; Power-Tech	1999-2001	22
Grand Cherokee	5.2L 5218 CC 318 CID OHV 16V V8 CHRYSLER	1996-1997	24
Grand Cherokee	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2005-2013	26
Grand Cherokee	5.7L 345 CID OHV 16V V8 CHRYSLER; HEMI	2006-2014	25
Grand Cherokee	6.1L 6059 CC 370 CID OHV 16V V8 CHRYSLER; HEMI	2006-2010	28
Grand Cherokee	6.4L 6424 CC 392 CID OHV 16V V8 CHRYSLER; HEMI	2012-2017	29
Grand Wagoneer	4.2L 258 CID OHV 12V L6 AMC	1984-1986	19
Grand Wagoneer	5.9L 360 CID OHV 16V V8 AMC	1984-1991	23
J10	4.2L 258 CID OHV 12V L6 AMC	1975-1987	19

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MODEL	ENGINE	YEAR	BLOCK
J10	4.2L 4228 CC 258 CID OHV 12V L6 AMC	1974	18
J10	4.2L 4229 CC 258 CID OHV 12V L6 AMC	1974	18
J10	5.9L 360 CID OHV 16V V8 AMC	1975-1988	23
J10	5.9L 5899 CC 360 CID OHV 16V V8 AMC	1974	23
J10	5.9L 5900 CC 360 CID OHV 16V V8 AMC	1974	23
J10	6.6L 401 CID OHV 16V V8 AMC	1975-1978	30
J10	6.6L 6571 CC 401 CID OHV 16V V8 AMC	1974	30
J10	6.6L 6572 CC 401 CID OHV 16V V8 AMC	1974	30
J-100	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1966-1967	20
J-100	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1967-1971	19
J-100	4.2L 4228 CC 258 CID OHV 12V L6 AMC	1971-1973	18
J-100	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1971-1973	23
J-100	5.7L 5736 CC 350 CID OHV 16V V8 GMC	1968-1971	27
J-100	5.9L 5899 CC 360 CID OHV 16V V8 AMC	1971-1973	23
J20	4.2L 258 CID OHV 12V L6 AMC	1976	19
J20	4.2L 4228 CC 258 CID OHV 12V L6 AMC	1974	18
J20	4.2L 4229 CC 258 CID OHV 12V L6 AMC	1974	18
J20	5.9L 360 CID OHV 16V V8 AMC	1975-1988	23
J20	5.9L 5899 CC 360 CID OHV 16V V8 AMC	1974	23
J20	5.9L 5900 CC 360 CID OHV 16V V8 AMC	1974	23
J20	6.6L 401 CID OHV 16V V8 AMC	1975-1978	30
J20	6.6L 6571 CC 401 CID OHV 16V V8 AMC	1974	30
J20	6.6L 6572 CC 401 CID OHV 16V V8 AMC	1974	30
J-2500	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1966-1967	20
J-2500	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1967-1971	19
J-2500	4.2L 4228 CC 258 CID OHV 12V L6 AMC	1971-1973	18
J-2500	4.2L 4229 CC 258 CID OHV 12V L6 AMC	1972-1973	18
J-2500	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1971-1973	23
J-2500	5.0L 4983 CC 304 CID OHV 16V V8 AMC	1971-1972	23
J-2500	5.7L 5736 CC 350 CID OHV 16V V8 GMC	1969-1971	27
J-2500	5.9L 5899 CC 360 CID OHV 16V V8 AMC	1970-1973	23
J-2500	5.9L 5900 CC 360 CID OHV 16V V8 AMC	1972-1973	23
J-2600	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1966-1967	20
J-2600	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1967-1971	19
J-2600	4.2L 4228 CC 258 CID OHV 12V L6 AMC	1971-1973	18
J-2600	4.2L 4229 CC 258 CID OHV 12V L6 AMC	1972-1973	18
J-2600	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1971-1973	23
J-2600	5.0L 4983 CC 304 CID OHV 16V V8 AMC	1972	23
J-2600	5.7L 5736 CC 350 CID OHV 16V V8 GMC	1969-1971	27
J-2600	5.9L 5899 CC 360 CID OHV 16V V8 AMC	1970-1973	23
J-2600	5.9L 5900 CC 360 CID OHV 16V V8 AMC	1972-1973	23
J-2700	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1966-1967	20
J-2700	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1967-1970	19
J-2700	5.7L 5736 CC 350 CID OHV 16V V8 GMC	1969-1970	27
J-2800	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1966-1967	20
J-2800	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1967-1968	19
J-3500	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1966-1967	20
J-3500	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1967-1970	19
J-3500	5.7L 5736 CC 350 CID OHV 16V V8 GMC	1969-1970	27
J-3600	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1966-1967	20



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MODEL	ENGINE	YEAR	BLOCK
J-3600	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1967-1970	19
J-3600	5.7L 5736 CC 350 CID OHV 16V V8 GMC	1969-1970	27
J-3700	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1966-1967	20
J-3700	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1967-1970	19
J-3700	5.7L 5736 CC 350 CID OHV 16V V8 GMC	1969-1970	27
J-3800	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1966-1967	20
J-3800	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1967-1970	19
J-3800	4.2L 4228 CC 258 CID OHV 12V L6 AMC	1971	18
J-3800	4.2L 4229 CC 258 CID OHV 12V L6 AMC	1971	18
J-3800	5.7L 5736 CC 350 CID OHV 16V V8 GMC	1969-1971	27
J-3800	5.9L 5899 CC 360 CID OHV 16V V8 AMC	1970-1971	23
J-3800	5.9L 5900 CC 360 CID OHV 16V V8 AMC	1971	23
J-4500	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1970	19
J-4500	4.2L 4228 CC 258 CID OHV 12V L6 AMC	1971-1973	18
J-4500	4.2L 4229 CC 258 CID OHV 12V L6 AMC	1971-1973	18
J-4500	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1971-1973	23
J-4500	5.0L 4983 CC 304 CID OHV 16V V8 AMC	1971-1972	23
J-4500	5.9L 5899 CC 360 CID OHV 16V V8 AMC	1971-1973	23
J-4500	5.9L 5900 CC 360 CID OHV 16V V8 AMC	1971-1973	23
J-4600	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1970	19
J-4600	4.2L 4228 CC 258 CID OHV 12V L6 AMC	1971-1973	18
J-4600	4.2L 4229 CC 258 CID OHV 12V L6 AMC	1971-1973	18
J-4600	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1971-1973	23
J-4600	5.0L 4983 CC 304 CID OHV 16V V8 AMC	1971-1972	23
J-4600	5.9L 5899 CC 360 CID OHV 16V V8 AMC	1971-1973	23
J-4600	5.9L 5900 CC 360 CID OHV 16V V8 AMC	1971-1973	23
J-4700	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1970	19
J-4700	4.2L 4228 CC 258 CID OHV 12V L6 AMC	1971-1973	18
J-4700	4.2L 4229 CC 258 CID OHV 12V L6 AMC	1971-1973	18
J-4700	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1971-1973	23
J-4700	5.9L 5899 CC 360 CID OHV 16V V8 AMC	1971-1973	23
J-4700	5.9L 5900 CC 360 CID OHV 16V V8 AMC	1971-1973	23
J-4800	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1970	19
J-4800	4.2L 4228 CC 258 CID OHV 12V L6 AMC	1971-1973	18
J-4800	4.2L 4229 CC 258 CID OHV 12V L6 AMC	1971-1973	18
J-4800	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1971-1973	23
J-4800	5.9L 5899 CC 360 CID OHV 16V V8 AMC	1971-1973	23
J-4800	5.9L 5900 CC 360 CID OHV 16V V8 AMC	1971-1973	23
Jeepster	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1966-1971	2
Jeepster	3.7L 3687 CC 225 CID OHV 12V V6 GMC	1966-1971	13
Jeepster	3.8L 3802 CC 232 CID OHV 12V L6 AMC	1972-1973	18
Jeepster	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1972-1973	19
Jeepster	4.2L 4228 CC 258 CID OHV 12V L6 AMC	1972-1973	18
Jeepster	4.2L 4229 CC 258 CID OHV 12V L6 AMC	1972-1973	18
Jeepster	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1972-1973	23
Jeepster	5.0L 4983 CC 304 CID OHV 16V V8 AMC	1972-1973	23
Liberty	2.4L 148 CID DOHC 16V L4 CHRYSLER; Power-Tech	2002-2005	7
Liberty	3.7L 226 CID SOHC 12V V6 CHRYSLER; Power-Tech	2002-2004	14
Liberty	3.7L 226 CID SOHC 12V V6 CHRYSLER; Magnum	2002-2011	15
Patriot	2.0L 1998 CC 122 CID DOHC 16V L4 CHRYSLER; GEMA	2007-2014	1

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MODEL	ENGINE	YEAR	BLOCK
Patriot	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER; GEMA	2007-2014	4
Patriot	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER; GEMA	2008-2010	5
Patriot	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER; GEMA	2014	6
Scrambler	2.5L 150 CID OHV 8V L4 AMC	1983-1985	9
Scrambler	2.5L 151 CID OHV 8V L4 GMC	1981-1983	10
Scrambler	4.2L 258 CID OHV 12V L6 AMC	1981-1985	19
TJ	2.4L 148 CID DOHC 16V L4 CHRYSLER; Power-Tech	2003-2006	7
TJ	2.5L 150 CID OHV 8V L4 CHRYSLER	1997-2002	8
TJ	4.0L 242 CID OHV 12V L6 CHRYSLER; Power-Tech	2000-2006	21
Truck	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1956-1966	2
Universal	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1961-1967	2
Universal	2.2L 2197 CC 134 CID L-HEAD 8V L4; Lightning	1961-1967	3
Universal Truck	2.2L 2197 CC 134 CID L-HEAD 8V L4; Lightning	1961-1968	3
Universal Truck	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1961-1969	2
Universal Truck	3.7L 3687 CC 225 CID OHV 12V V6 GMC	1966-1969	13
Utility	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1961-1962	2
Utility Wagon	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1956-1964	2
Wagoneer	2.5L 150 CID OHV 8V L4 AMC	1984-1987	9
Wagoneer	2.8L 173 CID OHV 12V V6 GMC	1984-1986	11
Wagoneer	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1966-1967	20
Wagoneer	3.8L 3802 CC 232 CID OHV 12V L6 AMC; Hi Torque	1967-1971	19
Wagoneer	4.0L 242 CID OHV 12V L6 AMC	1987-1990	19
Wagoneer	4.2L 258 CID OHV 12V L6 AMC	1980-1983	19
Wagoneer	4.2L 4228 CC 258 CID OHV 12V L6 AMC	1972-1973	18
Wagoneer	4.2L 4229 CC 258 CID OHV 12V L6 AMC	1972-1973	18
Wagoneer	5.0L 4982 CC 304 CID OHV 16V V8 AMC	1972	23
Wagoneer	5.7L 5736 CC 350 CID OHV 16V V8 GMC	1968-1971	27
Wagoneer	5.9L 360 CID OHV 16V V8 AMC	1975-1983	23
Wagoneer	5.9L 5899 CC 360 CID OHV 16V V8 AMC	1972-1974	23
Wagoneer	5.9L 5900 CC 360 CID OHV 16V V8 AMC	1972-1974	23
Wagoneer	6.6L 401 CID OHV 16V V8 AMC	1975-1978	30
Wagoneer	6.6L 6571 CC 401 CID OHV 16V V8 AMC	1974	30
Wagoneer	6.6L 6572 CC 401 CID OHV 16V V8 AMC	1974	30
Willys	2.2L 2197 CC 134 CID L-HEAD 8V L4; Lightning	1946-1958	3
Willys	2.2L 2197 CC 134 CID F-HEAD 8V L4; Hurricane	1950-1958	2
Wrangler	2.4L 148 CID DOHC 16V L4 CHRYSLER; Power-Tech	2003-2006	7
Wrangler	2.5L 150 CID OHV 8V L4 AMC	1987-1990	9
Wrangler	2.5L 150 CID OHV 8V L4 CHRYSLER	1991-2002	8
Wrangler	3.6L 3604 CC 220 CID DOHC 24V V6 CHRYSLER; Pentastar	2012-2016	12
Wrangler	3.8L 3778 CC 231 CID OHV 12V V6 CHRYSLER	2007-2011	16
Wrangler	3.8L 3778 CC 231 CID OHV 12V V6 CHRYSLER	2008-2009	17
Wrangler	4.0L 242 CID OHV 12V L6 CHRYSLER; Power-Tech	2000-2006	21
Wrangler	4.2L 258 CID OHV 12V L6 AMC	1987-1990	19



JEEP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
								4 CYL
1	2.0L 1998 CC 122 CID DOHC 16V L4 CHRYSLER ECN; GEMA			3.390"/86.1mm x 3.390"/86.1mm			1	
VIN Codes: '0' (2007-2008), 'A' (2014)								
Connecting Rod Bearing Pair (4)	AL-5	CB-1909A	STD,.25mm,.50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
Connecting Rod Bearing Set	AL-5	CB-1909A(4)	STD,.25mm,.50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
Main Bearing Set 1-2-3-4-5	AL-5	MS-2299A MB-3946A	STD,.25mm,.50mm	2.0461/2.0467	0.0006/0.0025	0.0787	2.2047/2.2054	0.7150
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-694S								
Thrust Washer Set		TW-694S	STD					
NOTE: Position Number 2, Use With Part Number MS-2299								
2	2.2L 2197 CC 134 CID F-HEAD 8V L4 JEEP 4J, SF; Hurricane			3.130"/79.2mm x 4.380"/111.0mm			2	
VIN Codes: '4' (1967-1968), 'F' (1970-1971), 'J' (1967-1968)								
Connecting Rod Bearing Pair (4)	TM-77	CB-236C-60		1.9375/1.9383	0.0003/0.0029	0.0821	2.0432/2.0440	1.0990
Connecting Rod Bearing Pair (4)	TM-77	CB-236P	STD,10,20,30,40	1.9375/1.9383	0.0003/0.0029	0.0523	2.0432/2.0440	1.0990
Main Bearing Set 1	TM-77	MS-115P MB-883P(F)	STD,10,20,30	2.3331/2.3341	0.0006/0.0032	0.0823	2.4990/2.5000	1.9210
2		MB-884P		2.3331/2.3341	0.0006/0.0032	0.0773	2.4890/2.4900	1.8170
3		MB-885P		2.3331/2.3341	0.0006/0.0032	0.0723	2.4790/2.4800	1.7550
Camshaft Bearing Set	B-1	SH-69S SH-69	STD	2.1855/2.1860	0.0010/0.0040	0.0640	2.3165/2.3175	1.1350
3	2.2L 2197 CC 134 CID F-HEAD 8V L4 JEEP; Hurricane			3.130"/79.2mm x 4.380"/111.0mm			3	
VIN Codes: 'R' (1972-1973), 'T' (1972-1973)								
3	2.2L 2197 CC 134 CID L-HEAD 8V L4 JEEP 3J; Lightning			3.130"/79.2mm x 4.380"/111.0mm			3	
(1946-1968)								
Connecting Rod Bearing Pair (4)	TM-77	CB-236C-60		1.9375/1.9383	0.0003/0.0029	0.0821	2.0432/2.0440	1.0990
Connecting Rod Bearing Pair (4)	TM-77	CB-236P	STD,10,20,30,40	1.9375/1.9383	0.0003/0.0029	0.0523	2.0432/2.0440	1.0990
Main Bearing Set 1	TM-77	MS-115P MB-883P(F)	STD,10,20,30	2.3331/2.3341	0.0006/0.0032	0.0823	2.4990/2.5000	1.9210
2		MB-884P		2.3331/2.3341	0.0006/0.0032	0.0773	2.4890/2.4900	1.8170
3		MB-885P		2.3331/2.3341	0.0006/0.0032	0.0723	2.4790/2.4800	1.7550
4	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER ED3; GEMA			3.460"/88.0mm x 3.820"/97.0mm			4	
VIN Codes: 'B' (2009-2014), 'W' (2007-2008)								
4	2.4L 2360 CC 144 CID DOHC 16V L4 FIAT ED3			3.460"/88.0mm x 3.820"/97.0mm			4	
(2012-2013)								
4	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER EDG; PZEV			3.460"/88.0mm x 3.820"/97.0mm			4	
VIN Code: 'B' (2009)								
Connecting Rod Bearing Pair (4)	AL-5	CB-1909A	STD,.25mm,.50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
Connecting Rod Bearing Set	AL-5	CB-1909A(4)	STD,.25mm,.50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
Main Bearing Set 1-2-3-4-5	AL-5	MS-2299A MB-3946A	STD,.25mm,.50mm	2.0461/2.0467	0.0006/0.0025	0.0787	2.2047/2.2054	0.7150
For Years: 2007 - 2013								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-694S								



JEEP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
5	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER ED3 (2008)			3.460"/88.0mm x 3.820"/97.0mm			5	
	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER ED3; GEMA (2008-2010)			3.460"/88.0mm x 3.820"/97.0mm				
Main Bearing Set 1-2-3-4-5	AL-5	MS-2299A MB-3946A	STD,.25mm,.50mm	2.0461/2.0467	0.0006/0.0025	0.0787	2.2047/2.2054	0.7150
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-694S								
6	2.4L 2360 CC 144 CID DOHC 16V L4 CHRYSLER ED3; GEMA VIN Code: 'B' (2014)			3.460"/88.0mm x 3.820"/97.0mm			6	
Connecting Rod Bearing Pair (4)	AL-5	CB-1909A	STD,.25mm,.50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
Connecting Rod Bearing Set	AL-5	CB-1909A(4)	STD,.25mm,.50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
7	2.4L 148 CID DOHC 16V L4 CHRYSLER; Power-Tech VIN Code: '1' (2002-2006)			3.440"/87.5mm x 3.980"/101.0mm			7	
Connecting Rod Bearing Pair (4)	AL-5	CB-1813A	STD,.25mm,.50mm, .75mm	1.9677/1.9687	0.0008/0.0034	0.0584	2.0863/2.0869	0.7930
Connecting Rod Bearing Pair (4)	AL-5	CB-1817A-.25mm	.50mm	1.9677/1.9687	0.0008/0.0034	0.0594	2.0883/2.0889	0.7930
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1813A(4)	STD,.25mm,.50mm, .75mm	1.9677/1.9687	0.0008/0.0034	0.0584	2.0863/2.0869	0.7930
Connecting Rod Bearing Set	AL-5	CB-1817A-.25mm(4)	.50mm	1.9677/1.9687	0.0008/0.0034	0.0594	2.0883/2.0889	0.7930
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set 1-2-4-5 3	AL-5	MS-2279A MB-3594A MB-3907A(F)	STD,.25mm,.50mm	2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	0.8510 1.0970
For Years: 2002 - 2004								
Main Bearing Set 1-2-4-5 3	TM-77	MS-2279P MB-3594P MB-3907P(F)	STD,.25mm,.50mm	2.3617/2.3627	0.0005/0.0029	0.0781	2.5194/2.5202	0.8510 1.0970
For Years: 2002 - 2004								
8	2.5L 150 CID OHV 8V L4 CHRYSLER VIN Code: 'P' (1991-2002)			3.880"/98.5mm x 3.190"/81.0mm			8	
Connecting Rod Bearing Pair (4)	AL-5	CB-960A	STD,10,20,30,40	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Pair (4)	TM-77	CB-960P-1		2.0948/2.0955	0.0007/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Set	AL-5	CB-960A(4)	STD,10,20,30	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Main Bearing Set 1-3-4-5 2	AL-5	MS-1948A MB-3337A MB-3338A(F)	STD,10,20,30	2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	0.9860 1.2700
Main Bearing Set 1-3-4-5 2		MS-1948P MB3974PU MB-3337P MB-3338P(F)	STD,10,20	2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	0.9860 1.2700



JEEP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
8 (cont.)	2.5L 150 CID OHV 8V L4 CHRYSLER VIN Code: 'P' (1991-2002)			3.880"/98.5mm x 3.190"/81.0mm				8 (cont.)
Camshaft Bearing Set	B-1	SH-1980S	STD					
1		SH-1980		2.0295/2.0305	0.0010/0.0050	0.0620	2.1555/2.1565	0.6950
2		SH-550		2.0195/2.0205	0.0010/0.0050	0.0620	2.1455/2.1465	0.7050
3		SH-551		2.0095/2.0105	0.0010/0.0050	0.0620	2.1355/2.1365	0.7050
4		SH-552		1.9995/2.0005	0.0010/0.0050	0.0620	2.1255/2.1265	0.7050
9	2.5L 150 CID OHV 8V L4 AMC VIN Codes: 'E' (1989-1990), 'H' (1986-1988), 'U' (1983-1986)			3.880"/98.5mm x 3.190"/81.0mm				9
Connecting Rod Bearing Pair (4)	AL-5	CB-960A	STD,10,20,30,40	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Pair (4)	TM-77	CB-960P-1		2.0948/2.0955	0.0007/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Set	AL-5	CB-960A(4)	STD,10,20,30	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Main Bearing Set		MS-1568P	STD,10,20,30					
1-3-4-5		MB3974PU MB-2263P		2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	0.9860
2		MB-2264P(F)		2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	1.2700
Camshaft Bearing Set	B-1	SH-1980S	STD					
1		SH-1980		2.0295/2.0305	0.0010/0.0050	0.0620	2.1555/2.1565	0.6950
2		SH-550		2.0195/2.0205	0.0010/0.0050	0.0620	2.1455/2.1465	0.7050
3		SH-551		2.0095/2.0105	0.0010/0.0050	0.0620	2.1355/2.1365	0.7050
4		SH-552		1.9995/2.0005	0.0010/0.0050	0.0620	2.1255/2.1265	0.7050
10	2.5L 151 CID OHV 8V L4 GMC VIN Code: 'B' (1980-1983)			4.000"/101.6mm x 3.000"/76.2mm				10
Connecting Rod Bearing Pair (4)	AL-5	CB-610A	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Pair (4)	AL-5	CB-1878A-10	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (4)	TM-77	CB-610P-1		1.9995/2.0050	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-610A(4)	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-1878A-10(4)	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-1733A	STD,10,20,30					
1-2-3-4		MB-3135A		2.2983/2.2993	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
5		MB-2588A(F)		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090
Main Bearing Set	TM-77	MS-1733P	STD,10,20,30,40					
1-2-3-4		MB-3135P		2.2980/2.2990	0.0003/0.0033	0.0955	2.4906/2.4916	0.8070
5		MB-2588P(F)		2.2983/2.2993	0.0006/0.0036	0.0955	2.4906/2.4916	1.0090
Camshaft Bearing Set	B-1	SH-1030S	STD					
1-2-3		SH-400		1.8680/1.8690	0.0010/0.0050	0.0647	1.9990/2.0010	0.8700



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
6 CYL									
11	2.8L 173 CID OHV 12V V6 GMC VIN Code: 'W' (1984-1986)			3.500"/89.0mm x 2.990"/76.0mm				11	
Connecting Rod Bearing Pair (6)	AL-5	CB-1238A	STD, .25mm, .50mm, .75mm, 1.00mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205	
Connecting Rod Bearing Pair (6)	AL-5	CB-1797A	STD, .25mm, .50mm	1.9984/1.9994	0.0005/0.0035	0.0633	2.1265/2.1275	0.7205	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	AL-5	CB-1238A(6)	STD, .25mm, .50mm, .75mm, 1.00mm	1.9984/1.9994	0.0005/0.0035	0.0623	2.1245/2.1255	0.7205	
Connecting Rod Bearing Set	AL-5	CB-1797A(6)	STD, .25mm, .50mm, .75mm	1.9984/1.9994	0.0005/0.0035	0.0633	2.1265/2.1275	0.7205	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Main Bearing Set		MS-1494A-.25mm	.50mm						
For Years: 1984 - 1985									
NOTE: 1st Design Main Bearings, 63.3mm Journals									
Main Bearing Set	AL-5	MS-2273A	STD, .25mm, .50mm, .75mm						
1-4		MB-3511A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.9770	
2		MB-3512A		2.6473/2.6479	0.0015/0.0036	0.0958	2.8407/2.8412	0.7380	
3		MB-3881A(F)		2.6473/2.6482	0.0004/0.0032	0.0959	2.8405/2.8415	0.9420	
For Years: 1985 - 1986									
Main Bearing Set		TM-77	MS-1494P-.25mm	.50mm					
NOTE: 1st Design Main Bearings, 63.3mm Journals									
Camshaft Bearing Set	B-1	SH-1364S	STD						
1		SH-1362		1.8677/1.8697	0.0012/0.0053	0.0691	2.0090/2.0110	0.6300	
2-3		SH-1363		1.8677/1.8697	0.0011/0.0057	0.0640	1.9988/2.0002	0.6350	
4		SH-1364		1.8677/1.8697	0.0012/0.0053	0.0691	2.0091/2.0100	0.6300	
12	3.6L 3604 CC 220 CID DOHC 24V V6 CHRYSLER ERB; Pentastar VIN Code: 'G' (2011-2015)			3.780"/96.0mm x 3.270"/83.0mm				12	
3.6L 3604 CC 220 CID DOHC 24V V6 FIAT ERB (2014)				3.780"/96.0mm x 3.270"/83.0mm					
Connecting Rod Bearing Set	AL-5	CB-1957A(6)	STD, .25mm	2.3225/2.3232	0.0002/0.0015	0.0624	2.4478/2.4482	0.7000	
For Years: 2011 - 2014									
Main Bearing Set	AL-5	MS-2351A	STD, .25mm						
Thrust Washer Set	AL-5	TW-723S	STD						
For Years: 2011 - 2015									
13	3.7L 3687 CC 225 CID OHV 12V V6 GMC HC, MH, NH, PH, RH, SF, SH (1966-1971)			3.750"/95.3mm x 3.400"/86.4mm				13	
Connecting Rod Bearing Pair (6)	AL-5	CB-610A	STD, 10, 20, 30, 40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420	
Connecting Rod Bearing Pair (6)	AL-5	CB-1878A-10	20, 30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Pair (6)	TM-77	CB-610P-1		1.9995/2.0050	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420	
Connecting Rod Bearing Set	AL-5	CB-610A(6)	STD, 10, 20, 30, 40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420	



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
13 (cont.)	3.7L 3687 CC 225 CID OHV 12V V6 GMC HC, MH, NH, PH, RH, SF, SH (1966-1971)			3.750"/95.3mm x 3.400"/86.4mm				13 (cont.)
Connecting Rod Bearing Set	AL-5	CB-1878A-10(6)	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set 1-3	TM-77	MS-960P	STD,10,20	2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690
2		MB-2433P		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	1.0580
4		MB-2434P(F)		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690
		MB-2491P		2.4990/2.5000	0.0005/0.0034	0.0935	2.6870/2.6880	0.8690
14	3.7L 226 CID SOHC 12V V6 CHRYSLER; Power-Tech VIN Code: 'K' (2002-2004)			3.660"/93.0mm x 3.570"/90.7mm				14
Connecting Rod Bearing Pair (6)	AL-5	CB-1818A	STD,.25mm,.50mm	2.2794/2.2797	0.0010/0.0027	0.0645	2.4092/2.4096	0.6547
Connecting Rod Bearing Set	AL-5	CB-1818A(6)	STD,.25mm,.50mm	2.2794/2.2797	0.0010/0.0027	0.0645	2.4092/2.4096	0.6547
Main Bearing Set 1-2-3-4	AL-5	MS-2244A	STD,.25mm,.50mm	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-608S								
Main Bearing Set 1-2-3-4	AL-5	MS-2286A-.25mm	.50mm	2.4998/2.5002	0.0002/0.0013	0.0972	2.6947/2.6951	0.8120
NOTE: Engines With .002in Larger Main Housing Bore Diameter								
Thrust Washer Set	TM-77	TW-608S	STD	2.8010/2.8210			3.5890/3.6140	0.0980
Auxiliary Shaft Bearing Set	B-1	SH-1997S	STD					
Front		SH-1997		2.2042/2.2052	0.0020/0.0053	0.0728	2.3528/2.3539	0.7150
Rear		SH-1998		1.1412/1.1422	0.0020/0.0053	0.0728	1.2898/1.2909	0.7150
15	3.7L 226 CID SOHC 12V V6 CHRYSLER EKG; Magnum VIN Code: 'K' (2005-2011)			3.660"/93.0mm x 3.570"/90.7mm				15
Connecting Rod Bearing Pair (6)	AL-5	CB-1818A	STD,.25mm,.50mm	2.2794/2.2797	0.0010/0.0027	0.0645	2.4092/2.4096	0.6547
Connecting Rod Bearing Pair (6)	AL-5	CB-1819A-.25mm	.50mm	2.2794/2.2797	0.0010/0.0027	0.0655	2.4112/2.4116	0.6547
For Years: 2005 - 2010								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1818A(6)	STD,.25mm,.50mm	2.2794/2.2797	0.0010/0.0027	0.0645	2.4092/2.4096	0.6547
Connecting Rod Bearing Set	AL-5	CB-1819A-.25mm(6)	.50mm	2.2794/2.2797	0.0010/0.0027	0.0655	2.4112/2.4116	0.6547
For Years: 2005 - 2010								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set 1-2-3-4	AL-5	MS-2244A	STD,.25mm,.50mm	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
For Years: 2002 - 2010								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-608S								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
15 (cont.)	3.7L 226 CID SOHC 12V V6 CHRYSLER EKG; Magnum VIN Code: 'K' (2005-2011)			3.660"/93.0mm x 3.570"/90.7mm				15 (cont.)
Main Bearing Set 1-2-3-4	AL-5	MS-2286A-.25mm MB-3922A	.50mm	2.4998/2.5002	0.0002/0.0013	0.0972	2.6947/2.6951	0.8120
For Years: 2002 - 2010 NOTE: Engines With .002in Larger Main Housing Bore Diameter								
Thrust Washer Set	TM-77	TW-608S MB-3771W	STD	2.8010/2.8210			3.5890/3.6140	0.0980
For Years: 2002 - 2010								
Auxiliary Shaft Bearing Set Front	B-1	SH-1997S SH-1997	STD	2.2042/2.2052	0.0020/0.0053	0.0728	2.3528/2.3539	0.7150
Rear		SH-1998		1.1412/1.1422	0.0020/0.0053	0.0728	1.2898/1.2909	0.7150
For Years: 2002 - 2010								
16	3.8L 3778 CC 231 CID OHV 12V V6 CHRYSLER VIN Code: '1' (2007-2011)			3.780"/96.0mm x 3.430"/87.0mm				16
Connecting Rod Bearing Pair (6)	AL-5	CB-1410A	STD, .25mm, .50mm, .75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
Connecting Rod Bearing Pair (6) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1887A-.25mm	.50mm, .75mm	2.2830/2.2840	0.0005/0.0022	0.0594	2.4033/2.4038	0.6510
Connecting Rod Bearing Set	AL-5	CB-1410A(6)	STD, .25mm, .50mm, .75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
Connecting Rod Bearing Set NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1887A-.25mm(6)	.50mm, .75mm	2.2830/2.2840	0.0005/0.0022	0.0594	2.4033/2.4038	0.6510
Main Bearing Set 1-3-4	AL-5	MS-1946A MB-3340A	STD, .25mm, .50mm, .75mm	2.5190/2.5200	0.0005/0.0020	0.0781	2.6769/2.6777	0.6940
2		MB-3107A(F)		2.5190/2.5200	0.0005/0.0020	0.0781	2.6769/2.6777	0.9400
Main Bearing Set 1-3-4	TM-77	MS-1946P MB-3340P	STD, .25mm	2.5192/2.5202	0.0005/0.0020	0.0781	2.6769/2.6777	0.6940
2		MB-3107P(F)		2.5192/2.5202	0.0005/0.0020	0.0781	2.6769/2.6777	0.9400
Camshaft Bearing Set 1	B-1	SH-1405S SH-1405	STD	1.9970/1.9990	0.0010/0.0040	0.0645	2.1295/2.1305	0.9400
2		SH-1406		1.9800/1.9820	0.0010/0.0040	0.0648	2.1135/2.1145	0.6200
3		SH-1407		1.9650/1.9670	0.0010/0.0040	0.0658	2.0985/2.0995	0.6200
4		SH-1408		1.9500/1.9520	0.0010/0.0040	0.0648	2.0825/2.0835	0.6200
17	3.8L 3778 CC 231 CID OHV 12V V6 CHRYSLER EGT (2008-2009)			3.780"/96.0mm x 3.430"/87.0mm				17
Main Bearing Set 1-3-4	AL-5	MS-1946A MB-3340A	STD, .25mm, .50mm, .75mm	2.5190/2.5200	0.0005/0.0020	0.0781	2.6769/2.6777	0.6940
2		MB-3107A(F)		2.5190/2.5200	0.0005/0.0020	0.0781	2.6769/2.6777	0.9400
Main Bearing Set 1-3-4	TM-77	MS-1946P MB-3340P	STD, .25mm	2.5192/2.5202	0.0005/0.0020	0.0781	2.6769/2.6777	0.6940
2		MB-3107P(F)		2.5192/2.5202	0.0005/0.0020	0.0781	2.6769/2.6777	0.9400



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
17 (cont.)	3.8L 3778 CC 231 CID OHV 12V V6 CHRYSLER EGT (2008-2009)			3.780"/96.0mm x 3.430"/87.0mm				17 (cont.)
Camshaft Bearing Set	B-1	SH-1405S	STD					
1		SH-1405		1.9970/1.9990	0.0010/0.0040	0.0645	2.1295/2.1305	0.9400
2		SH-1406		1.9800/1.9820	0.0010/0.0040	0.0648	2.1135/2.1145	0.6200
3		SH-1407		1.9650/1.9670	0.0010/0.0040	0.0658	2.0985/2.0995	0.6200
4		SH-1408		1.9500/1.9520	0.0010/0.0040	0.0648	2.0825/2.0835	0.6200
18	3.8L 3802 CC 232 CID OHV 12V L6 AMC VIN Code: 'E' (1972-1974)			3.750"/95.2mm x 3.430"/87.3mm				18
	4.2L 4228 CC 258 CID OHV 12V L6 AMC VIN Code: 'A' (1971-1974)			3.750"/95.3mm x 3.900"/98.9mm				
	4.2L 4229 CC 258 CID OHV 12V L6 AMC VIN Code: 'A' (1971-1978)			3.750"/95.3mm x 3.900"/98.9mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-960A	STD,10,20,30,40	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Pair (6)	TM-77	CB-960P-1		2.0948/2.0955	0.0007/0.0034	0.0559	2.2080/2.2085	0.8370
Camshaft Bearing Set	B-1	SH-1980S	STD					
1		SH-1980		2.0295/2.0305	0.0010/0.0050	0.0620	2.1555/2.1565	0.6950
2		SH-550		2.0195/2.0205	0.0010/0.0050	0.0620	2.1455/2.1465	0.7050
3		SH-551		2.0095/2.0105	0.0010/0.0050	0.0620	2.1355/2.1365	0.7050
4		SH-552		1.9995/2.0005	0.0010/0.0050	0.0620	2.1255/2.1265	0.7050
For Years: 1971 - 1974								
19	3.8L 3802 CC 232 CID OHV 12V L6 AMC 1L, 3L; Hi Torque VIN Code: 'E' (1967-1974)			3.750"/95.2mm x 3.430"/87.3mm				19
	3.8L 232 CID OHV 12V L6 AMC VIN Code: 'E' (1975-1978)			3.750"/95.3mm x 3.500"/88.8mm				
	4.0L 242 CID OHV 12V L6 AMC VIN Codes: 'L' (1989-1990), 'M' (1987-1988)			3.880"/98.4mm x 3.430"/87.0mm				
	4.2L 258 CID OHV 12V L6 AMC VIN Codes: 'A' (1975-1978), 'C' (1977-1979), 'M' (1988-1989), 'T' (1989-1990)			3.750"/95.3mm x 3.900"/98.9mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-960A	STD,10,20,30,40	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Pair (6)	TM-77	CB-960P-1		2.0948/2.0955	0.0007/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Set	AL-5	CB-960A(6)	STD,10,20,30	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Main Bearing Set		MS-704P	STD,10,20,30,40					
1-2-4-5-6-7		MB3974PU						
		MB-2263P		2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	0.9860
3		MB-2264P(F)		2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	1.2700
Camshaft Bearing Set	B-1	SH-1980S	STD					
1		SH-1980		2.0295/2.0305	0.0010/0.0050	0.0620	2.1555/2.1565	0.6950
2		SH-550		2.0195/2.0205	0.0010/0.0050	0.0620	2.1455/2.1465	0.7050
3		SH-551		2.0095/2.0105	0.0010/0.0050	0.0620	2.1355/2.1365	0.7050
4		SH-552		1.9995/2.0005	0.0010/0.0050	0.0620	2.1255/2.1265	0.7050
For Years: 1968 - 1990								

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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
20	3.8L 3802 CC 232 CID OHV 12V L6 AMC 8L, 9L; Hi Torque (1966-1967)			3.750"/95.2mm x 3.430"/87.3mm				20
Connecting Rod Bearing Pair (6)	AL-5	CB-960A	STD,10,20,30,40	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Pair (6)	TM-77	CB-960P-1		2.0948/2.0955	0.0007/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Set	AL-5	CB-960A(6)	STD,10,20,30	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Main Bearing Set		MS-704P	STD,10,20,30,40					
1-2-4-5-6-7		MB3974PU		2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	0.9860
3		MB-2263P		2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	1.2700
		MB-2264P(F)						
21	4.0L 242 CID OHV 12V L6 CHRYSLER; Power-Tech VIN Code: 'S' (1999-2006)			3.880"/98.4mm x 3.430"/87.0mm				21
Connecting Rod Bearing Pair (6)	AL-5	CB-960A	STD,10,20,30,40	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Pair (6)	TM-77	CB-960P-1		2.0948/2.0955	0.0007/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Set	AL-5	CB-960A(6)	STD,10,20,30	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Main Bearing Set	AL-5	MS-1947A	STD,10,20,30					
1-2-4-5-6-7		MB-3337A		2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	0.9860
3		MB-3338A(F)		2.4996/2.5001	0.0003/0.0028	0.0953	2.6910/2.6920	1.2700
Main Bearing Set		MS-1947P	STD,10,20					
1-2-4-5-6-7		MB3974PU		2.4996/2.5001	0.0006/0.0031	0.0953	2.6910/2.6920	0.9860
3		MB-3337P		2.4996/2.5001	0.0003/0.0028	0.0953	2.6910/2.6920	1.2700
		MB-3338P(F)						
Camshaft Bearing Set	B-1	SH-1980S	STD					
1		SH-1980		2.0295/2.0305	0.0010/0.0050	0.0620	2.1555/2.1565	0.6950
2		SH-550		2.0195/2.0205	0.0010/0.0050	0.0620	2.1455/2.1465	0.7050
3		SH-551		2.0095/2.0105	0.0010/0.0050	0.0620	2.1355/2.1365	0.7050
4		SH-552		1.9995/2.0005	0.0010/0.0050	0.0620	2.1255/2.1265	0.7050
8 CYL								
22	4.7L 285 CID SOHC 16V V8 CHRYSLER; Magnum VIN Codes: 'N' (2005-2009), 'P' (2007, 2009)			3.660"/93.0mm x 3.410"/86.5mm				22
	4.7L 285 CID SOHC 16V V8 CHRYSLER; Power-Tech VIN Codes: 'J' (2002-2004), 'N' (2002-2004)			3.660"/93.0mm x 3.410"/86.5mm				
	4.7L 287 CID SOHC 16V V8 CHRYSLER; Power-Tech VIN Code: 'N' (1999-2001)			3.660"/93.0mm x 3.410"/86.5mm				
Connecting Rod Bearing Pair (8)	AL-5	CB-1854A	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0023	0.0586	2.1257/2.1262	0.6547
NOTE: Without Locating Tab								
Connecting Rod Bearing Pair (8)	AL-5	CB-1855A-.25mm	.50mm	2.0075/2.0082	0.0005/0.0023	0.0595	2.1277/2.1282	0.6550
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock Without Locating Tab								
Connecting Rod Bearing Pair (8)	TM-77	CB-1784P	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0025	0.0586	2.1257/2.1262	0.6547
NOTE: With Locating Tab								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
22 (cont.)	4.7L 285 CID SOHC 16V V8 CHRYSLER; Magnum			3.660"/93.0mm x 3.410"/86.5mm				22 (cont.)
	VIN Codes: 'N' (2005-2009), 'P' (2007, 2009)							
	4.7L 285 CID SOHC 16V V8 CHRYSLER; Power-Tech			3.660"/93.0mm x 3.410"/86.5mm				
	VIN Codes: 'J' (2002-2004), 'N' (2002-2004)							
	4.7L 287 CID SOHC 16V V8 CHRYSLER; Power-Tech			3.660"/93.0mm x 3.410"/86.5mm				
	VIN Code: 'N' (1999-2001)							
Connecting Rod Bearing Set	AL-5	CB-1804A	-.25mm(8).50mm	2.0075/2.0082	0.0004/0.0018	0.0596	2.1277/2.1282	0.6547
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock With Locating Tab								
Connecting Rod Bearing Set	AL-5	CB-1854A(8)	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0023	0.0586	2.1257/2.1262	0.6547
NOTE: Without Locating Tab								
Connecting Rod Bearing Set	AL-5	CB-1855A	-.25mm(8).50mm	2.0075/2.0082	0.0005/0.0023	0.0595	2.1277/2.1282	0.6550
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock Without Locating Tab								
Connecting Rod Bearing Set	TM-77	CB-1784P(8)	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0025	0.0586	2.1257/2.1262	0.6547
NOTE: With Locating Tab								
Main Bearing Set 1-2-3-4-5	AL-5	MS-2216A MB-3771A	STD,.25mm,.50mm	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6930	0.8120
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-608S								
Main Bearing Set 1-2-3-4-5	TM-77	MS-2242P MB-3790P	STD,.25mm,.50mm	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
Thrust Washer Set	TM-77	TW-608S MB-3771W	STD	2.8010/2.8210			3.5890/3.6140	0.0980
23 (cont.)	5.0L 4983 CC 304 CID OHV 16V V8 AMC			3.750"/95.3mm x 3.440"/87.4mm				23 (cont.)
	VIN Code: 'H' (1972-1974)							
	5.0L 4982 CC 304 CID OHV 16V V8 AMC			3.750"/95.3mm x 3.440"/87.3mm				
	VIN Code: 'H' (1971-1974)							
	5.0L 304 CID OHV 16V V8 AMC			3.750"/95.3mm x 3.440"/87.4mm				
	VIN Code: 'H' (1975-1981)							
	5.9L 360 CID OHV 16V V8 AMC			4.080"/103.6mm x 3.440"/87.4mm				
VIN Codes: '7' (1989-1991), 'N' (1975-1988), 'P' (1975-1978)								
5.9L 5900 CC 360 CID OHV 16V V8 AMC			4.080"/103.6mm x 3.440"/87.4mm					
VIN Codes: 'N' (1971-1974), 'P' (1973-1974)								
5.9L 5899 CC 360 CID OHV 16V V8 AMC			4.080"/103.6mm x 3.440"/87.3mm					
VIN Codes: 'N' (1970-1974), 'P' (1973-1974)								
Connecting Rod Bearing Pair (8)	AL-5	CB-960A	STD,10,20,30,40	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Pair (8)	TM-77	CB-960P-1		2.0948/2.0955	0.0007/0.0034	0.0559	2.2080/2.2085	0.8370
Connecting Rod Bearing Set	AL-5	CB-960A(8)	STD,10,20,30	2.0948/2.0955	0.0012/0.0034	0.0559	2.2080/2.2085	0.8370
Main Bearing Set 1-2-4-5		MS-1041P MB-2579P	STD,10,20,30					
3		MB-2578P(F)		2.7474/2.7489	0.0006/0.0038	0.0959	2.9410/2.9417	1.2700



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COUNTER DATA				SHOP DATA							
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH			
8 CYL (cont.)											
23 (cont.)	5.0L 4983 CC 304 CID OHV 16V V8 AMC VIN Code: 'H' (1972-1974)			3.750"/95.3mm x 3.440"/87.4mm					23 (cont.)		
	5.0L 4982 CC 304 CID OHV 16V V8 AMC VIN Code: 'H' (1971-1974)			3.750"/95.3mm x 3.440"/87.3mm							
	5.0L 304 CID OHV 16V V8 AMC VIN Code: 'H' (1975-1981)			3.750"/95.3mm x 3.440"/87.4mm							
	5.9L 360 CID OHV 16V V8 AMC VIN Codes: '7' (1989-1991), 'N' (1975-1988), 'P' (1975-1978)			4.080"/103.6mm x 3.440"/87.4mm							
	5.9L 5900 CC 360 CID OHV 16V V8 AMC VIN Codes: 'N' (1971-1974), 'P' (1973-1974)			4.080"/103.6mm x 3.440"/87.4mm							
	5.9L 5899 CC 360 CID OHV 16V V8 AMC VIN Codes: 'N' (1970-1974), 'P' (1973-1974)			4.080"/103.6mm x 3.440"/87.3mm							
	5.9L 5899 CC 360 CID OHV 16V V8 AMC VIN Codes: 'N' (1970-1974), 'P' (1973-1974)			4.080"/103.6mm x 3.440"/87.3mm							
Camshaft Bearing Set 3 SH-673 4 SH-674 For Years: 1971 - 1991											
Camshaft Bearing Set				2.0595/2.0605	0.0010/0.0050	0.0620	2.1855/2.1865	0.6400			
				2.0295/2.0305	0.0010/0.0050	0.0620	2.1555/2.1565	0.6400			
24	5.2L 5218 CC 318 CID OHV 16V V8 CHRYSLER (1996)			3.870"/98.4mm x 3.310"/84.1mm					24		
	5.2L 5218 CC 318 CID OHV 16V V8 CHRYSLER (1997)			3.910"/99.4mm x 3.310"/84.1mm							
Piston Pin Bushing (8) NOTE: OE Replacement, Requires Light Reaming				0.0320 1.0370/1.0390 1.1400							
25	5.7L 345 CID OHV 16V V8 CHRYSLER EZB; HEMI (2006-2008)			3.920"/99.5mm x 3.580"/90.9mm					25		
	5.7L 345 CID OHV 16V V8 CHRYSLER EZH; HEMI VIN Code: 'T' (2014)			3.920"/99.6mm x 3.580"/90.9mm							
Connecting Rod Bearing Pair (8)				AL-5	CB-1808A	STD, .25mm, .50mm, .75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Connecting Rod Bearing Pair (8) NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock				AL-5	CB-1809A-.25mm	.50mm, .75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
Connecting Rod Bearing Pair (8)				TM-77	CB-1808P	STD, .25mm, .50mm	2.1257/2.1263	0.0008/0.0029	0.0626	2.2522/2.2527	0.7910
Connecting Rod Bearing Set				AL-5	CB-1808A(8)	STD, .25mm, .50mm, .75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Connecting Rod Bearing Set NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock				AL-5	CB-1809A-.25mm(8)	.50mm, .75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
Connecting Rod Bearing Set				TM-77	CB-1808P(8)	STD, .25mm, .50mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Main Bearing Set 1-2-3-4-5 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S				AL-5	MS-2220A	STD, .25mm, .50mm, .75mm	2.5589/2.5592	0.0005/0.0023	0.0962	2.7517/2.7522	0.8510
Main Bearing Set 1-2-3-4-5 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S				TM-77	MS-2220P	STD, .25mm, .50mm	2.5589/2.5592	0.0005/0.0023	0.0962	2.7517/2.7522	0.8510



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				8 CYL (cont.)					
25 (cont.)	5.7L 345 CID OHV 16V V8 CHRYSLER EZB; HEMI (2006-2008)			3.920"/99.5mm x 3.580"/90.9mm					25 (cont.)
	5.7L 345 CID OHV 16V V8 CHRYSLER EZH; HEMI VIN Code: 'T' (2014)			3.920"/99.6mm x 3.580"/90.9mm					
Thrust Washer Set	TM-77	TW-611S MB-3780W	STD	2.8600/2.8800			3.6760	0.0980	
NOTE: Position 2 Number Use Part Number MS-2220									
26	5.7L 345 CID OHV 16V V8 CHRYSLER EZD, EZH; HEMI VIN Codes: '2' (2005-2008, 2010), 'T' (2009-2010)			3.920"/99.6mm x 3.580"/90.9mm					26
Connecting Rod Bearing Pair (8)	AL-5	CB-1808A	STD,.25mm,.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910	
Connecting Rod Bearing Pair (8)	AL-5	CB-1809A-.25mm	.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Pair (8)	TM-77	CB-1808P	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0029	0.0626	2.2522/2.2527	0.7910	
Connecting Rod Bearing Set	AL-5	CB-1808A(8)	STD,.25mm,.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910	
Connecting Rod Bearing Set	AL-5	CB-1809A-.25mm(8)	.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910	
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock									
Connecting Rod Bearing Set	TM-77	CB-1808P(8)	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910	
Main Bearing Set	AL-5	MS-2220A MB-3780A	STD,.25mm,.50mm,.75mm	2.5589/2.5592		0.0005/0.0023	0.0962	2.7517/2.7522	0.8510
1-2-3-4-5 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S									
Main Bearing Set	TM-77	MS-2220P MB-3780P	STD,.25mm,.50mm	2.5589/2.5592		0.0005/0.0023	0.0962	2.7517/2.7522	0.8510
1-2-3-4-5 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S									
Thrust Washer Set	TM-77	TW-611S MB-3780W	STD	2.8600/2.8800			3.6760	0.0980	
NOTE: Position 2 Number Use Part Number MS-2220									
Camshaft Bearing Set	B-1	SH-1990S	STD						
1		SH-1990		2.2906/2.2913	0.0013/0.0042	0.0650	2.4226/2.4236	0.6700	
2		SH-1991		2.2748/2.2756	0.0012/0.0042	0.0650	2.4068/2.4078	0.5920	
3		SH-1992		2.2591/2.2598	0.0013/0.0042	0.0650	2.3911/2.3921	0.5920	
4		SH-1993		2.2433/2.2441	0.0012/0.0042	0.0650	2.3753/2.3763	0.5920	
5		SH-1994		1.7170/1.7178	0.0016/0.0054	0.0650	1.8494/1.8504	0.5920	
For Years: 2005 - 2009									
Camshaft Bearing Set	B-1	SH-2191S	STD						
For Years: 2009 - 2013									
NOTE: For VVT Camshaft									
27	5.7L 5736 CC 350 CID OHV 16V V8 GMC KPO, KRO, KTO VIN Codes: '9' (1969-1971), 'K' (1971)			3.800"/96.5mm x 3.850"/97.8mm					27
Connecting Rod Bearing Pair (8)	AL-5	CB-610A	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420	



JEEP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
27 (cont.)	5.7L 5736 CC 350 CID OHV 16V V8 GMC KPO, KRO, KTO VIN Codes: '9' (1969-1971), 'K' (1971)			3.800"/96.5mm x 3.850"/97.8mm				27 (cont.)
Connecting Rod Bearing Pair (8)	AL-5	CB-1878A-10	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-610P-1		1.9995/2.0050	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-610A(8)	STD,10,20,30,40	1.9995/2.0005	0.0007/0.0032	0.0620	2.1247/2.1252	0.7420
Connecting Rod Bearing Set	AL-5	CB-1878A-10(8)	20,30	1.9995/2.0005	0.0012/0.0037	0.0630	2.1267/2.1272	0.7420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
28	6.1L 6059 CC 370 CID OHV 16V V8 CHRYSLER; HEMI VIN Codes: '3' (2006-2008), 'W' (2009-2010)			4.060"/103.0mm x 3.580"/90.9mm				28
Connecting Rod Bearing Pair (8)	AL-5	CB-1808A	STD,.25mm,.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Connecting Rod Bearing Pair (8)	AL-5	CB-1809A-.25mm	.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-1808P	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0029	0.0626	2.2522/2.2527	0.7910
Connecting Rod Bearing Set	AL-5	CB-1808A(8)	STD,.25mm,.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Connecting Rod Bearing Set	AL-5	CB-1809A-.25mm(8)	.50mm,.75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-1808P(8)	STD,.25mm,.50mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Main Bearing Set	AL-5	MS-2220A	STD,.25mm,.50mm,.75mm					
1-2-3-4-5		MB-3780A		2.5589/2.5592	0.0005/0.0023	0.0962	2.7517/2.7522	0.8510
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S								
Main Bearing Set	TM-77	MS-2220P	STD,.25mm,.50mm					
1-2-3-4-5		MB-3780P		2.5589/2.5592	0.0005/0.0023	0.0962	2.7517/2.7522	0.8510
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S								
Thrust Washer Set	TM-77	TW-611S	STD					
		MB-3780W		2.8600/2.8800			3.6760	0.0980
NOTE: Position 2 Number Use Part Number MS-2220								
Camshaft Bearing Set	B-1	SH-1990S	STD					
1		SH-1990		2.2906/2.2913	0.0013/0.0042	0.0650	2.4226/2.4236	0.6700
2		SH-1991		2.2748/2.2756	0.0012/0.0042	0.0650	2.4068/2.4078	0.5920
3		SH-1992		2.2591/2.2598	0.0013/0.0042	0.0650	2.3911/2.3921	0.5920
4		SH-1993		2.2433/2.2441	0.0012/0.0042	0.0650	2.3753/2.3763	0.5920
5		SH-1994		1.7170/1.7178	0.0016/0.0054	0.0650	1.8494/1.8504	0.5920



JEEP

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
29	6.4L 6424 CC 392 CID OHV 16V V8 CHRYSLER ESG; HEMI VIN Code: 'J' (2012-2017)			4.090"/103.9mm x 3.720"/94.5mm			29	
Connecting Rod Bearing Pair (8) For Year: 2012	AL-5	CB-1808A	STD, .25mm, .50mm, .75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Connecting Rod Bearing Pair (8) For Year: 2012 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1809A-.25mm	.50mm, .75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
Connecting Rod Bearing Pair (8) For Year: 2012	TM-77	CB-1808P	STD, .25mm, .50mm	2.1257/2.1263	0.0008/0.0029	0.0626	2.2522/2.2527	0.7910
Connecting Rod Bearing Set For Year: 2012	AL-5	CB-1808A(8)	STD, .25mm, .50mm, .75mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Connecting Rod Bearing Set For Year: 2012 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock	AL-5	CB-1809A-.25mm(8)	.50mm, .75mm	2.1257/2.1263	0.0008/0.0025	0.0635	2.2542/2.2547	0.7910
Connecting Rod Bearing Set For Year: 2012	TM-77	CB-1808P(8)	STD, .25mm, .50mm	2.1257/2.1263	0.0008/0.0025	0.0625	2.2522/2.2527	0.7910
Main Bearing Set 1-2-3-4-5 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-611S	AL-5	MS-2296A MB-3940A	STD, .25mm	2.5589/2.5592	0.0001/0.0015	0.0962	2.7517/2.7522	0.8510
Thrust Washer Set For Year: 2012 NOTE: Position 2 Number Use Part Number MS-2220	TM-77	TW-611S MB-3780W	STD	2.8600/2.8800			3.6760	0.0980
Camshaft Bearing Set For Years: 2012 - 2013 NOTE: For VVT Camshaft	B-1	SH-2191S	STD					
30	6.6L 6572 CC 401 CID OHV 16V V8 AMC VIN Code: 'Z' (1974)			4.170"/105.9mm x 3.680"/93.5mm			30	
	6.6L 6571 CC 401 CID OHV 16V V8 AMC VIN Code: 'Z' (1974)			4.170"/105.9mm x 3.680"/93.5mm				
	6.6L 401 CID OHV 16V V8 AMC VIN Code: 'Z' (1975-1978)			4.170"/105.9mm x 3.680"/93.5mm				
Connecting Rod Bearing Pair (8)	TM-77	CB-819P	STD, 10, 20, 30	2.2478/2.2485	0.0019/0.0041	0.0623	2.3745/2.3750	0.8050
Main Bearing Set 1-2-4-5 3		MS-1041P MB-2579P MB-2578P(F)	STD, 10, 20, 30	2.7474/2.7489	0.0006/0.0038	0.0959	2.9410/2.9417	1.2700
Camshaft Bearing Set 3 4	B-1	SH-671S SH-673 SH-674	STD	2.0595/2.0605 2.0295/2.0305	0.0010/0.0050 0.0010/0.0050	0.0620	2.1855/2.1865 2.1555/2.1565	0.6400 0.6400



KIA MOTORS

ENGINE	YEAR	BORE & STROKE	BLOCK
1.6L 1597 CC SOHC 16V L4 MAZDA	1994-1995	3.070"/78.0mm x 3.290"/83.6mm	1
1.6L 1597 CC DOHC 16V L4 MAZDA	1995-1997	3.070"/78.0mm x 3.290"/83.6mm	1
1.8L 1839 CC DOHC 16V L4 MAZDA	1995-1997	3.290"/83.0mm x 3.350"/85.0mm	1
1.8L 1793 CC DOHC 16V L4 MAZDA 5BP	2000-2004	3.290"/83.0mm x 3.350"/85.0mm	2
2.0L 1998 CC 122 CID SOHC 8V L4 MAZDA	1995	3.390"/86.0mm x 3.390"/86.0mm	3
2.0L 1998 CC 122 CID DOHC 16V L4 MAZDA FED	1995-2002	3.390"/86.0mm x 3.390"/86.0mm	4
2.4L 2351 CC DOHC 16V L4 HYUNDAI	2001-2006	3.410"/86.5mm x 3.940"/100.0mm	5

MODEL	ENGINE	YEAR	BLOCK
Optima	2.4L 2351 CC DOHC 16V L4 HYUNDAI	2001-2006	5
Sephia	1.6L 1597 CC SOHC 16V L4 MAZDA	1994-1995	1
Sephia	1.6L 1597 CC DOHC 16V L4 MAZDA	1995-1997	1
Sephia	1.8L 1839 CC DOHC 16V L4 MAZDA	1995-1997	1
Spectra	1.8L 1793 CC DOHC 16V L4 MAZDA	2000-2004	2
Sportage	2.0L 1998 CC 122 CID SOHC 8V L4 MAZDA	1995	3
Sportage	2.0L 1998 CC 122 CID DOHC 16V L4 MAZDA	1995-2002	4

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1.6L 1597 CC SOHC 16V L4 MAZDA VIN Code: '1' (1994-1995)			3.070"/78.0mm x 3.290"/83.6mm				1
	1.6L 1597 CC DOHC 16V L4 MAZDA VIN Codes: '3' (1995-1997), '4' (1996-1997)			3.070"/78.0mm x 3.290"/83.6mm				
	1.8L 1839 CC DOHC 16V L4 MAZDA VIN Code: '5' (1995-1997)			3.290"/83.0mm x 3.350"/85.0mm				
Connecting Rod Bearing Pair (4)	AL-3	CB-1453A	STD,.25mm,.50mm,.75mm	1.7693/1.7699	0.0011/0.0027	0.0594	1.8898/1.8904	0.6740
Connecting Rod Bearing Set	AL-3	CB-1453A(4)	STD,.25mm,.50mm,.75mm	1.7693/1.7699	0.0011/0.0027	0.0594	1.8898/1.8904	0.6740
Main Bearing Set	AL-3	MS-1802A	STD,.25mm,.50mm,.75mm	1.9683		0.0792	2.1260	0.6940
1,2,3,4,5		MS-1802AL MB1802A						
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-472S								
Thrust Washer Set		TW-472S	STD	2.2539			2.7165	0.1000
		MB-3173W						
2	1.8L 1793 CC DOHC 16V L4 MAZDA 5BP VIN Code: '1' (2000-2004)			3.290"/83.0mm x 3.350"/85.0mm				2
	Connecting Rod Bearing Pair (4)	AL-3	CB-1453A	STD,.25mm,.50mm,.75mm	1.7693/1.7699	0.0011/0.0027	0.0594	



KIA MOTORS

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
2 (cont.)	1.8L 1793 CC DOHC 16V L4 MAZDA 5BP VIN Code: '1' (2000-2004)			3.290"/83.0mm x 3.350"/85.0mm				2 (cont.)
Connecting Rod Bearing Set	AL-3	CB-1453A(4)	STD, .25mm, .50mm, .75mm	1.7693/1.7699	0.0011/0.0027	0.0594	1.8898/1.8904	0.6740
3	2.0L 1998 CC 122 CID SOHC 8V L4 MAZDA VIN Code: '1' (1995)			3.390"/86.0mm x 3.390"/86.0mm				3
Connecting Rod Bearing Pair (4)	AL-5	CB-1362A	STD, .25mm	2.0055/2.0061	0.0012/0.0026	0.0594	2.1261/2.1267	0.8320
Connecting Rod Bearing Set	AL-5	CB-1362A(4)	STD, .25mm, .50mm, .75mm	2.0055/2.0061	0.0012/0.0026	0.0594	2.1261/2.1267	0.8320
Main Bearing Set		MS-1803A	STD, .25mm, .50mm, .75mm					
4	2.0L 1998 CC 122 CID DOHC 16V L4 MAZDA FED VIN Code: '3' (1999-2002)			3.390"/86.0mm x 3.390"/86.0mm				4
Connecting Rod Bearing Pair (4)	AL-3	CB-1455A	STD, .25mm, .50mm	2.0055/2.0061	0.0012/0.0026	0.0594	2.1261/2.1267	0.8320
Connecting Rod Bearing Set	AL-3	CB-1455A(4)	STD, .25mm, .50mm	2.0055/2.0061	0.0012/0.0026	0.0594	2.1261/2.1267	0.8320
Main Bearing Set		MS-1803A	STD, .25mm, .50mm, .75mm					
5	2.4L 2351 CC DOHC 16V L4 HYUNDAI VIN Code: '6' (2001-2006)			3.410"/86.5mm x 3.940"/100.0mm				5
Main Bearing Set 1-2-4-5	AL-5	MS-2076A MB-2869A	STD, .25mm, .50mm	2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.9060
3		MB-3572A(F)		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.1400
Main Bearing Set	AL-5	MS-2322AL25mm	STD					
NOTE: O/S Flange for MS2076A								
Balance Shaft Bearing Set	AL-3	SH-1469S	STD					
"LH		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
"RH		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480
"RH		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268

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ENGINE	YEAR	BORE & STROKE	BLOCK
1.8L 1798 CC 110 CID DOHC 16V L4 TOYOTA 2ZRFXE	2011-2016	3.170"/80.5mm x 3.480"/88.3mm	1
2.4L 2362 CC DOHC 16V L4 TOYOTA 2AZFXE	2010-2012	3.480"/88.5mm x 3.770"/96.0mm	2
2.5L 2499 CC DOHC 24V V6 TOYOTA 4GRFSE	2006-2015	3.270"/83.0mm x 3.030"/77.0mm	3
2.5L 2508 CC DOHC 24V V6 TOYOTA 2VZFE	1990-1991	3.450"/87.5mm x 2.740"/69.5mm	4
3.0L 2997 CC DOHC 24V L6 TOYOTA 2JZGE	1992-2005	3.390"/86.0mm x 3.390"/86.0mm	5
3.0L 2994 CC DOHC 24V V6 TOYOTA 3GRFSE	2006	3.440"/87.4mm x 3.260"/82.8mm	6
3.0L 2959 CC DOHC 24V V6 TOYOTA 1MZFE	1994-2003	3.450"/87.5mm x 3.270"/83.0mm	7
3.0L 2959 CC DOHC 24V V6 TOYOTA 3VZFE	1992-1993	3.450"/87.5mm x 3.230"/82.0mm	8
3.3L 3300 CC 202 CID DOHC 24V V6 TOYOTA 3MZFE	2004-2008	3.620"/92.0mm x 3.270"/83.1mm	7



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ENGINE	YEAR	BORE & STROKE	BLOCK
3.5L 3456 CC DOHC 24V V6 TOYOTA 2GRFE	2007-2016	3.700"/94.0mm x 3.270"/83.1mm	6
3.5L 3456 CC DOHC 24V V6 TOYOTA 2GRFKS, 2GRFSE, 2GRFXE, 2GRFXS	2006-2017	3.700"/94.0mm x 3.270"/83.0mm	9
3.5L 3456 CC DOHC 24V V6 TOYOTA 2GRFSE	2013-2017	3.700"/94.0mm x 3.270"/83.0mm	10
4.5L 4477 CC DOHC 24V L6 TOYOTA 1FZFE	1996-1997	3.940"/100.0mm x 3.740"/95.0mm	11
4.0L 3969 CC DOHC 32V V8 TOYOTA 1UZFE	1990-2000	3.440"/87.5mm x 3.250"/82.6mm	12
4.6L 4608 CC DOHC 32V V8 TOYOTA 1URFE, 1URFSE	2007-2016	3.700"/94.0mm x 3.270"/83.0mm	13
4.7L 4663 CC 285 CID DOHC 32V V8 TOYOTA 2UZFE	1998-2009	3.700"/94.0mm x 3.310"/84.0mm	14
5.0L 4968 CC DOHC 32V V8 TOYOTA 2URFSE	2008-2016	3.700"/94.0mm x 3.520"/89.4mm	13
5.0L 4969 CC 303 CID DOHC 32V V8 TOYOTA 2URGSE	2008-2017	3.700"/94.0mm x 3.520"/89.4mm	15
5.7L 5663 CC 345 CID DOHC 32V V8 TOYOTA 3URFE; i-Force	2008-2016	3.700"/94.0mm x 4.020"/102.1mm	16

MODEL	ENGINE	YEAR	BLOCK
CT200h	1.8L 1798 CC 110 CID DOHC 16V L4 TOYOTA	2011-2016	1
ES250	2.5L 2508 CC DOHC 24V V6 TOYOTA	1990-1991	4
ES300	3.0L 2959 CC DOHC 24V V6 TOYOTA	1992-1993	8
ES300	3.0L 2959 CC DOHC 24V V6 TOYOTA	1994-2003	7
ES330	3.3L 3300 CC 202 CID DOHC 24V V6 TOYOTA	2004-2006	7
ES350	3.5L 3456 CC DOHC 24V V6 TOYOTA	2007-2016	6
GS300	3.0L 2994 CC DOHC 24V V6 TOYOTA	2006	6
GS300	3.0L 2997 CC DOHC 24V L6 TOYOTA	1993-2005	5
GS350	3.5L 3456 CC DOHC 24V V6 TOYOTA	2007-2016	9
GS350	3.5L 3456 CC DOHC 24V V6 TOYOTA	2014-2015	10
GS400	4.0L 3969 CC DOHC 32V V8 TOYOTA	1998-2000	12
GS450h	3.5L 3456 CC DOHC 24V V6 TOYOTA	2007-2016	9
GS460	4.6L 4608 CC DOHC 32V V8 TOYOTA	2008-2011	13
GS F	5.0L 4969 CC 303 CID DOHC 32V V8 TOYOTA	2016-2017	15
GX460	4.6L 4608 CC DOHC 32V V8 TOYOTA	2010-2016	13
GX470	4.7L 4663 CC 285 CID DOHC 32V V8 TOYOTA	2003-2009	14
HS250h	2.4L 2362 CC DOHC 16V L4 TOYOTA	2010-2012	2
IS250	2.5L 2499 CC DOHC 24V V6 TOYOTA	2006-2015	3
IS300	3.0L 2997 CC DOHC 24V L6 TOYOTA	2001-2005	5
IS300	3.5L 3456 CC DOHC 24V V6 TOYOTA	2016-2017	10
IS350	3.5L 3456 CC DOHC 24V V6 TOYOTA	2006-2013	9
IS350	3.5L 3456 CC DOHC 24V V6 TOYOTA	2013-2016	10
IS F	5.0L 4969 CC 303 CID DOHC 32V V8 TOYOTA	2008-2014	15
LS400	4.0L 3969 CC DOHC 32V V8 TOYOTA	1990-2000	12
LS460	4.6L 4608 CC DOHC 32V V8 TOYOTA	2007-2016	13
LS600h	5.0L 4968 CC DOHC 32V V8 TOYOTA	2008-2016	13
LX450	4.5L 4477 CC DOHC 24V L6 TOYOTA	1996-1997	11
LX470	4.7L 4663 CC 285 CID DOHC 32V V8 TOYOTA	1998-2007	14
LX570	5.7L 5663 CC 345 CID DOHC 32V V8 TOYOTA; i-Force	2008-2016	16
RC300	3.5L 3456 CC DOHC 24V V6 TOYOTA	2016-2017	10
RC350	3.5L 3456 CC DOHC 24V V6 TOYOTA	2015-2017	10
RC F	5.0L 4969 CC 303 CID DOHC 32V V8 TOYOTA	2015-2017	15
RX300	3.0L 2959 CC DOHC 24V V6 TOYOTA	1999-2003	7
RX330	3.3L 3300 CC 202 CID DOHC 24V V6 TOYOTA	2004-2006	7
RX350	3.5L 3456 CC DOHC 24V V6 TOYOTA	2007-2015	6



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MODEL	ENGINE	YEAR	BLOCK
RX350	3.5L 3456 CC DOHC 24V V6 TOYOTA	2016-2017	9
RX400h	3.3L 3300 CC 202 CID DOHC 24V V6 TOYOTA	2006-2008	7
RX450h	3.5L 3456 CC DOHC 24V V6 TOYOTA	2010-2017	9
SC300	3.0L 2997 CC DOHC 24V L6 TOYOTA	1992-2000	5
SC400	4.0L 3969 CC DOHC 32V V8 TOYOTA	1992-2000	12

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL				
1	1.8L 1798 CC 110 CID DOHC 16V L4 TOYOTA 2ZRFXE (2011-2016)			3.170"/80.5mm x 3.480"/88.3mm				1
Connecting Rod Bearing Set	AL-3	CB-1983A(4) CB1983A	STD, .25mm, .50mm	1.7327		0.0588	1.8512	0.5709
Main Bearing Set	AL-5	MS-2361A MB4052A	STD					
Thrust Washer Set		TW-726S TW726S	STD					
2	2.4L 2362 CC DOHC 16V L4 TOYOTA 2AZFXE (2010-2012)			3.480"/88.5mm x 3.770"/96.0mm				2
Connecting Rod Bearing Pair (4)	AL-3	CB-1835A	STD, .25mm, .50mm	1.8894/1.8898	0.0005/0.0023	0.0588	2.0079/2.0087	0.6140
Connecting Rod Bearing Set	AL-3	CB-1835A(4)	STD, .25mm, .50mm	1.8894/1.8898	0.0005/0.0023	0.0588	2.0079/2.0087	0.6140
Main Bearing Set		MS-2243A MB2243A	STD, .25mm, .50mm	2.1653		0.0786	2.3228	0.6614
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-619S								
Thrust Washer Set		TW-619S MB-3821W	STD	2.3819/2.3917			3.0610/3.0709	0.0780
				6 CYL				
3	2.5L 2499 CC DOHC 24V V6 TOYOTA 4GRFSE (2006-2015)			3.270"/83.0mm x 3.030"/77.0mm				3
Connecting Rod Bearing Set	AL-3	CB-1991A(6)	STD	1.8905		0.0585	2.0087	0.5905
Main Bearing Set	AL-5	MS-2357A MB4047A	STD					
Thrust Washer Set		TW-727S TW727S	STD					
4	2.5L 2508 CC DOHC 24V V6 TOYOTA 2VZFE VIN Code: 'V' (1990-1991)			3.450"/87.5mm x 2.740"/69.5mm				4
Connecting Rod Bearing Pair (6)	TM-1	CB-1594P	STD, .25mm, .50mm	1.8892/1.8898	0.0009/0.0034	0.0586	2.0079/2.0088	0.6690
Thrust Washer Set	2	TW-554S MB3350W	STD	2.8051				0.0980
5	3.0L 2997 CC DOHC 24V L6 TOYOTA 2JZGE VIN Codes: 'D' (1996-1998), 'J' (1992-1995)			3.390"/86.0mm x 3.390"/86.0mm				5
Connecting Rod Bearing Pair (6)	TM-1	CB-1628P	STD, .25mm	2.0472	0.0021	0.0595	2.1670	0.7600



LEXUS

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
5 (cont.)	3.0L 2997 CC DOHC 24V L6 TOYOTA 2JZGE VIN Codes: 'D' (1996-1998), 'J' (1992-1995)			3.390"/86.0mm x 3.390"/86.0mm				5 (cont.)
Main Bearing Set		MS-2014A	STD,.25mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-589S								
Thrust Washer Set		TW-589S	STD					
		MB3477W(L)		2.6535			3.2244	0.0776
		MB3477W(U)		2.6535			3.2240	0.0776
6	3.0L 2994 CC DOHC 24V V6 TOYOTA 3GRFSE (2006)			3.440"/87.4mm x 3.260"/82.8mm				6
	3.5L 3456 CC DOHC 24V V6 TOYOTA 2GRFE (2007-2016)			3.700"/94.0mm x 3.270"/83.1mm				
Connecting Rod Bearing Set		AL-3	CB-1977A(6)	STD,.25mm,.50mm				
			CB1977A	2.0870		0.0584	2.2055	0.5905
Main Bearing Set		AL-5	MS-2357A	STD				
			MB4047A					
Thrust Washer Set		TW-727S	STD					
		TW727S						
7	3.0L 2959 CC DOHC 24V V6 TOYOTA 1MZFE VIN Codes: 'F' (1996-1998), 'G' (1994-1995)			3.450"/87.5mm x 3.270"/83.0mm				7
	3.3L 3300 CC 202 CID DOHC 24V V6 TOYOTA 3MZFE (2004-2008)			3.620"/92.0mm x 3.270"/83.1mm				
Connecting Rod Bearing Pair (6)		TM-77	CB-1833P	STD,.25mm,.50mm	2.0863/2.0866	0.0013/0.0031	0.0584 2.2047/2.2055	0.6300
Connecting Rod Bearing Set		TM-77	CB-1833P(6)	STD,.25mm,.50mm	2.0863/2.0866	0.0013/0.0031	0.0584 2.2047/2.2055	0.6300
Main Bearing Set		TM-1	MS-2240P	STD,.25mm,.50mm				
1-4			MB-3815P	2.4011/2.4016	0.0011/0.0031	0.0979	2.5984/2.5992	0.8860
2-3			MB-3814P	2.4011/2.4016	0.0011/0.0031	0.0979	2.5984/2.5992	0.7480
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-618S								
Thrust Washer Set			TW-618S	STD				
			MB3816W	2.6850/2.2949		0.0780	3.2953/3.3051	
8	3.0L 2959 CC DOHC 24V V6 TOYOTA 3VZFE VIN Code: 'V' (1992-1993)			3.450"/87.5mm x 3.230"/82.0mm				8
Connecting Rod Bearing Pair (6)		TM-1	CB-1783P	STD,.25mm,.50mm	2.1648/2.1654	0.0009/0.0035	0.0587 2.2832/2.2840	0.6665
Connecting Rod Bearing Set		TM-1	CB-1783P(6)	STD,.25mm,.50mm	2.1648/2.1654	0.0009/0.0035	0.0587 2.2832/2.2840	0.6665
Thrust Washer Set			TW-554S	STD				
2			MB3350W	2.8051				0.0980
9	3.5L 3456 CC DOHC 24V V6 TOYOTA 2GRFKS, 2GRFSE, 2GRFXE, 2GRFXS (2006-2017)			3.700"/94.0mm x 3.270"/83.0mm				9
Connecting Rod Bearing Set		AL-3	CB-1980A(6)	STD				
			CB1980A	2.0850		0.0585	2.2055	0.5905
Main Bearing Set		AL-5	MS-2357A	STD				
			MB4047A					
Thrust Washer Set			TW-727S	STD				
			TW727S					



LEXUS

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
10	3.5L 3456 CC DOHC 24V V6 TOYOTA 2GRFSE (2013-2017)			3.700"/94.0mm x 3.270"/83.0mm				10
Connecting Rod Bearing Set	AL-3	CB-1977A(6) CB1977A	STD,.25mm,.50mm	2.0870		0.0584	2.2055	0.5905
For Year: 2017								
Connecting Rod Bearing Set	AL-3	CB-1980A(6) CB1980A	STD	2.0850		0.0585	2.2055	0.5905
Main Bearing Set	AL-5	MS-2357A MB4047A	STD					
Thrust Washer Set		TW-727S TW727S	STD					
11	4.5L 4477 CC DOHC 24V L6 TOYOTA 1FZFE VIN Code: 'J' (1996-1997)			3.940"/100.0mm x 3.740"/95.0mm				11
Connecting Rod Bearing Pair (6)	TM-1	CB-1656A	STD,.25mm,.50mm	2.2434/2.2441	0.0013/0.0024	0.0687	2.3829/2.3836	0.8430
Connecting Rod Bearing Set	TM-1	CB-1656A(6)	STD,.25mm,.50mm	2.2434/2.2441	0.0013/0.0024	0.0687	2.3829/2.3836	0.8430
Main Bearing Set		MS-2061A	STD,.25mm,.50mm,.75mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-598S								
Thrust Washer Set		TW-598S MB-3551W	STD	2.9587		3.6969		0.0974
				8 CYL				
12	4.0L 3969 CC DOHC 32V V8 TOYOTA 1UZFE VIN Codes: 'H' (1996-1997), 'U' (1990-1995)			3.440"/87.5mm x 3.250"/82.6mm				12
Connecting Rod Bearing Pair (8)	TM-1	CB-1627P	STD,.25mm,.50mm	2.0465/2.0472	0.0010/0.0020	0.0587	2.1654/2.1663	0.7677
Thrust Washer Set		TW-588S	STD	2.8901		3.5162		0.8460
13	4.6L 4608 CC DOHC 32V V8 TOYOTA 1URFE, 1URFSE (2007-2016)			3.700"/94.0mm x 3.270"/83.0mm				13
				5.0L 4968 CC DOHC 32V V8 TOYOTA 2URFSE (2008-2016)				
Connecting Rod Bearing Set	AL-3	CB1986A(8) CB1986A	STD	2.0858		0.0587	2.2055	0.6693
Main Bearing Set	AL-5	MS-2365A MB4053A MB4056A	STD					
Thrust Washer Set	3	TW-728S MB4053W	STD	0.0984				
14	4.7L 4663 CC 285 CID DOHC 32V V8 TOYOTA 2UZFE (1998-2009)			3.700"/94.0mm x 3.310"/84.0mm				14
Connecting Rod Bearing Pair (8)	TM-1	CB-1627P	STD,.25mm,.50mm	2.0465/2.0472	0.0010/0.0020	0.0587	2.1654/2.1663	0.7677
Main Bearing Set	AL-5	MS-2284A MB-3917A MB-3918A	STD,.25mm,.50mm	2.6372/2.6378	0.0010/0.0028	0.0979	2.8346/2.8352	0.8850
	1-5			2.6372/2.6378	0.0010/0.0028	0.0979	2.8346/2.8352	0.7700
	2-3-4							
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-588S								



LEXUS

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL BORE	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
14 (cont.)	4.7L 4663 CC 285 CID DOHC 32V V8 TOYOTA 2UZFE (1998-2009)			3.700"/94.0mm x 3.310"/84.0mm			14 (cont.)	
Thrust Washer Set		TW-588S	STD	2.8901	3.5162		0.8460	
15	5.0L 4969 CC 303 CID DOHC 32V V8 TOYOTA 2URGE (2008-2017)			3.700"/94.0mm x 3.520"/89.4mm			15	
Connecting Rod Bearing Set		AL-3	CB-1984A(8)	STD				
			CB1984A	2.0858	0.0585 2.2055		0.6693	
Main Bearing Set		AL-5	MS-2365A	STD				
			MB4053A MB4056A					
Thrust Washer Set		TW-728S	STD					
3		MB4053W		0.0984				
16	5.7L 5663 CC 345 CID DOHC 32V V8 TOYOTA 3URFE; i-Force (2008-2016)			3.700"/94.0mm x 4.020"/102.1mm			16	
Connecting Rod Bearing Set		AL-3	CB-1985A(8)	STD				
			CB1985A	2.0858	0.0587 2.3236		0.6693	
Main Bearing Set		AL-5	MS-2365A	STD				
			MB4053A MB4056A					
Thrust Washer Set		TW-728S	STD					
3		MB4053W		0.0984				

MAZDA

ENGINE	YEAR	BORE & STROKE	BLOCK
1.3L 1272 CC SOHC 8V L4	1976-1978	2.870"/73.0mm x 2.990"/76.0mm	1
1.4L 1415 CC SOHC 8V L4	1979-1980	3.030"/77.0mm x 2.990"/76.0mm	2
1.5L 1490 CC SOHC 8V L4	1981-1985	3.030"/77.0mm x 3.150"/80.0mm	2
1.5L 1489 CC DOHC 16V L4	1995-1998	2.970"/75.3mm x 3.290"/83.6mm	3
1.6L 1586 CC 97 CID SOHC 8V L4 NA	1970-1974	3.070"/78.0mm x 3.270"/83.0mm	4
1.6L 1586 CC SOHC 8V L4	1975-1976	3.070"/78.0mm x 3.270"/83.0mm	4
1.6L 1587 CC SOHC 8V L4	1975-1977	3.070"/78.0mm x 3.270"/83.0mm	4
1.6L 1597 CC SOHC 8V L4	1986-1995	3.070"/78.0mm x 3.290"/83.6mm	5
1.6L 1597 CC DOHC 16V L4 B6T	1988-1995	3.070"/78.0mm x 3.290"/83.6mm	5
1.6L 1597 CC SOHC 16V L4	1992-1993	3.070"/78.0mm x 3.290"/83.6mm	5
1.6L 1589 CC DOHC 16V L4	1999-2001	3.070"/78.0mm x 3.290"/83.6mm	5
1.8L 1796 CC 110 CID SOHC 8V L4 VB	1972-1973	3.070"/78.0mm x 3.700"/94.0mm	6
1.8L 1796 CC SOHC 8V L4	1977-1978	3.070"/78.0mm x 3.700"/94.0mm	6
1.8L 1839 CC DOHC 16V L4	1990	3.270"/83.0mm x 3.350"/85.0mm	7
1.8L 1839 CC SOHC 16V L4	1990-1994	3.270"/83.0mm x 3.350"/85.0mm	5
1.8L 1839 CC DOHC 16V L4	1991-2005	3.270"/83.0mm x 3.350"/85.0mm	5
1.8L 1839 CC DOHC 16V L4	1994-2003	3.290"/83.0mm x 3.350"/85.0mm	5



MAZDA

ENGINE	YEAR	BORE & STROKE	BLOCK
2.0L 1970 CC SOHC 8V L4	1979-1982	3.150"/80.0mm x 3.860"/98.0mm	6
2.0L 1970 CC SOHC 8V L4	1979-1984	3.390"/86.0mm x 3.390"/86.0mm	6
2.0L 1998 CC 122 CID SOHC 8V L4	1984-1987	3.390"/86.0mm x 3.390"/86.0mm	11
2.0L 1991 CC DOHC 16V L4	1993-2002	3.270"/83.0mm x 3.620"/92.0mm	8
2.0L 2000 CC DOHC 16V L4	2001-2003	3.340"/84.8mm x 3.460"/88.0mm	10
2.0L 1991 CC DOHC 16V L4 FORD; Zetec	2001-2004	3.340"/84.8mm x 3.460"/88.0mm	9
2.0L 2000 CC DOHC 16V L4	2003	3.390"/86.0mm x 3.390"/86.0mm	9
2.0L 2000 CC 122 CID DOHC 16V L4	2004-2005	3.440"/87.5mm x 3.270"/83.1mm	12
2.2L 2184 CC SOHC 8V L4	1990-1993	3.390"/86.0mm x 3.700"/94.0mm	11
2.2L 2184 CC SOHC 8V L4	1987-1993	3.440"/87.5mm x 3.620"/92.0mm	11
2.2L 2184 CC SOHC 12V L4	1988-1992	3.390"/86.0mm x 3.700"/94.0mm	13
2.3L 2295 CC SOHC 8V L4 FORD	1994-1997	3.440"/87.4mm x 3.700"/94.0mm	14
2.3L 2294 CC DOHC 16V L4 FORD	2001	3.440"/87.4mm x 3.700"/94.0mm	16
2.3L 2300 CC DOHC 16V L4 FORD	2002-2009	3.440"/87.4mm x 3.700"/94.0mm	16
2.3L 2260 CC DOHC 16V L4	2003-2008	3.440"/87.4mm x 3.700"/94.0mm	17
2.3L 140 CID DOHC 16V L4 FORD; Duratec	2005-2008	3.440"/87.4mm x 3.700"/94.0mm	16
2.3L 2260 CC DOHC 16V L4 MZR	2006-2013	3.440"/87.4mm x 3.700"/94.0mm	15
2.3L 140 CID DOHC 16V L4 FORD; Duratec	2008	3.440"/87.4mm x 3.700"/94.0mm	19
2.3L 2260 CC 138 CID DOHC 16V L4 L3T, L3V, LFD, MZR	2006-2011	3.440"/87.5mm x 3.700"/94.0mm	18
2.3L 2261 CC 138 CID DOHC 16V L4 L3X	2006-2008	3.440"/87.5mm x 3.700"/94.0mm	18
2.5L 2492 CC SOHC 8V L4 FORD	1998-2001	3.780"/96.0mm x 3.400"/86.3mm	20
2.5L 2488 CC 152 CID DOHC 16V L4 FORD; Duratec	2009-2011	3.500"/88.9mm x 3.940"/100.1mm	21
2.6L 2555 CC SOHC 8V L4 MITSUBISHI	1987-1988	3.590"/91.1mm x 3.860"/98.0mm	22
2.6L 2606 CC SOHC 8V L4	1989	3.620"/92.0mm x 3.860"/98.0mm	23
2.6L 2606 CC SOHC 12V L4	1989-1994	3.620"/92.0mm x 3.860"/98.0mm	23
1.8L 1845 CC DOHC 24V V6	1992-1994	2.950"/75.0mm x 2.740"/69.6mm	24
2.3L 2254 CC DOHC 24V V6	1995-2002	3.160"/80.3mm x 2.920"/74.2mm	25
2.5L 2497 CC DOHC 24V V6 FORD; Duratec	2000-2001	3.240"/82.3mm x 3.130"/79.5mm	26
2.5L 2497 CC DOHC 24V V6	2002	3.240"/82.3mm x 3.130"/79.5mm	26
2.5L 2497 CC DOHC 24V V6	1993-2001	3.330"/84.5mm x 2.920"/74.2mm	27
2.5L 2497 CC DOHC 24V V6	1999-2002	3.330"/84.5mm x 2.920"/74.2mm	28
3.0L 2986 CC 182 CID OHV 12V V6 FORD; Vulcan	1994-2007	3.500"/89.0mm x 3.140"/80.0mm	36
3.0L 2954 CC SOHC 18V V6	1989-1993	3.500"/88.9mm x 3.000"/76.0mm	29
3.0L 2954 CC 180 CID SOHC 18V V6 JE	1988-1998	3.540"/90.0mm x 3.040"/77.4mm	31
3.0L 2968 CC 181 CID DOHC 24V V6 FORD AJ; Duratec	2001-2009	3.500"/89.0mm x 3.120"/79.5mm	34
3.0L 2968 CC 181 CID DOHC 24V V6 FORD 99G; Duratec	2009-2011	3.500"/89.0mm x 3.120"/79.5mm	33
3.0L 2968 CC 181 CID DOHC 24V V6 AJ; Duratec	2003-2008	3.500"/89.0mm x 3.120"/79.5mm	35
3.0L 2954 CC DOHC 24V V6	1994-1995	3.540"/90.0mm x 3.050"/77.4mm	30
3.0L 2954 CC 180 CID DOHC 24V V6 JE	1990-1995	3.540"/90.0mm x 3.040"/77.4mm	32
3.5L 3496 CC 213 CID DOHC 24V V6 FORD; Duratec	2007	3.640"/92.5mm x 3.410"/86.7mm	37
3.7L 3726 CC 227 CID DOHC 24V V6 FORD; Duratec	2008-2013	3.760"/95.5mm x 3.410"/86.7mm	37
3.7L 3726 CC 227 CID DOHC 24V V6 MZI, MZR	2009-2013	3.760"/95.5mm x 3.410"/86.7mm	37
3.7L 3726 CC 227 CID DOHC 24V V6 FORD; Duratec	2014-2015	3.760"/95.5mm x 3.410"/86.7mm	38
4.0L 4016 CC OHV 12V V6 FORD	1991-2000	3.950"/100.4mm x 3.310"/84.0mm	39
4.0L 4016 CC SOHC 12V V6 FORD	2001-2008	3.950"/100.4mm x 3.310"/84.0mm	40

MAZDA

MODEL	ENGINE	YEAR	BLOCK
3	2.3L 2260 CC DOHC 16V L4	2004-2008	17
3	2.3L 2260 CC DOHC 16V L4	2007-2013	15
3	2.0L 2000 CC 122 CID DOHC 16V L4	2004-2005	12
3	2.3L 2260 CC 138 CID DOHC 16V L4	2006-2011	18
323	1.6L 1597 CC SOHC 8V L4	1986-1995	5
323	1.6L 1597 CC DOHC 16V L4	1988-1989	5
323	1.8L 1839 CC SOHC 16V L4	1993-1994	5
5	2.3L 2260 CC DOHC 16V L4	2006-2008	17
5	2.3L 2260 CC DOHC 16V L4	2009-2010	15
5	2.3L 2260 CC 138 CID DOHC 16V L4	2007-2010	18
6	2.3L 2260 CC DOHC 16V L4	2003-2008	17
6	2.3L 2260 CC DOHC 16V L4	2006-2007	15
6	2.3L 2261 CC 138 CID DOHC 16V L4	2006-2008	18
6	2.5L 2488 CC 152 CID DOHC 16V L4 FORD; Duratec	2010	21
6	3.0L 2968 CC 181 CID DOHC 24V V6; Duratec	2003-2008	35
6	3.7L 3726 CC 227 CID DOHC 24V V6 FORD; Duratec	2009-2013	37
616	1.6L 1586 CC 97 CID SOHC 8V L4	1970-1971	4
618	1.8L 1796 CC 110 CID SOHC 8V L4	1972-1973	6
626	2.0L 1970 CC SOHC 8V L4	1979-1983	6
626	2.0L 1991 CC DOHC 16V L4	1993-2002	8
626	2.2L 2184 CC SOHC 12V L4	1988-1992	13
626	2.5L 2497 CC DOHC 24V V6	1993-1998	27
626	2.5L 2497 CC DOHC 24V V6	1999-2002	28
626	2.0L 1998 CC 122 CID SOHC 8V L4	1984-1987	11
808	1.6L 1587 CC SOHC 8V L4	1975-1977	4
808	1.6L 1586 CC 97 CID SOHC 8V L4	1972-1974	4
929	3.0L 2954 CC DOHC 24V V6	1994-1995	30
929	3.0L 2954 CC 180 CID SOHC 18V V6	1988-1991	31
929	3.0L 2954 CC 180 CID DOHC 24V V6	1990-1995	32
B1600	1.6L 1586 CC SOHC 8V L4	1975-1976	4
B1600	1.6L 1586 CC 97 CID SOHC 8V L4	1972-1974	4
B1800	1.8L 1796 CC SOHC 8V L4	1977-1978	6
B2000	2.0L 1970 CC SOHC 8V L4	1979-1984	6
B2000	2.0L 1998 CC 122 CID SOHC 8V L4	1986-1987	11
B2200	2.2L 2184 CC SOHC 8V L4	1987-1993	11
B2300	2.3L 2294 CC DOHC 16V L4 FORD	2001	16
B2300	2.3L 2295 CC SOHC 8V L4 FORD	1994-1997	14
B2300	2.3L 2300 CC DOHC 16V L4 FORD	2002-2009	16
B2500	2.5L 2492 CC SOHC 8V L4 FORD	1998-2001	20
B2600	2.6L 2555 CC SOHC 8V L4 MITSUBISHI	1987-1988	22
B2600	2.6L 2606 CC SOHC 8V L4	1989	23
B2600	2.6L 2606 CC SOHC 12V L4	1990-1993	23
B3000	3.0L 2986 CC 182 CID OHV 12V V6 FORD; Vulcan	1994-2007	36
B4000	4.0L 4016 CC OHV 12V V6 FORD	1994-2000	39
B4000	4.0L 4016 CC SOHC 12V V6 FORD	2001-2008	40
CX-7	2.3L 2260 CC DOHC 16V L4	2007-2012	15
CX-7	2.3L 2260 CC 138 CID DOHC 16V L4	2010-2011	18
CX-9	3.5L 3496 CC 213 CID DOHC 24V V6 FORD; Duratec	2007	37
CX-9	3.7L 3726 CC 227 CID DOHC 24V V6 FORD; Duratec	2008-2013	37
CX-9	3.7L 3726 CC 227 CID DOHC 24V V6 FORD; Duratec	2014-2015	38



MAZDA

MODEL	ENGINE	YEAR	BLOCK
GLC	1.3L 1272 CC SOHC 8V L4	1977-1978	1
GLC	1.4L 1415 CC SOHC 8V L4	1979-1980	2
GLC	1.5L 1490 CC SOHC 8V L4	1981-1985	2
Miata	1.6L 1597 CC DOHC 16V L4	1990-1993	5
Miata	1.8L 1839 CC DOHC 16V L4	1994-2005	5
Millenia	2.3L 2254 CC DOHC 24V V6	1995-2002	25
Millenia	2.5L 2497 CC DOHC 24V V6	1995-2001	27
Millenia	2.5L 2497 CC DOHC 24V V6	2002	26
Mizer	1.3L 1272 CC SOHC 8V L4	1976-1977	1
MPV	2.5L 2497 CC DOHC 24V V6 FORD; Duratec	2000-2001	26
MPV	2.6L 2606 CC SOHC 12V L4	1989-1994	23
MPV	3.0L 2954 CC SOHC 18V V6	1989-1993	29
MPV	3.0L 2954 CC 180 CID SOHC 18V V6	1989-1998	31
MPV	3.0L 2968 CC 181 CID DOHC 24V V6 FORD; Duratec	2002-2006	34
MX-3	1.6L 1597 CC SOHC 16V L4	1992-1993	5
MX-3	1.6L 1597 CC DOHC 16V L4	1994-1995	5
MX-3	1.8L 1845 CC DOHC 24V V6	1992-1994	24
MX-6	2.0L 1991 CC DOHC 16V L4	1993-1997	8
MX-6	2.2L 2184 CC SOHC 12V L4	1988-1992	13
MX-6	2.5L 2497 CC DOHC 24V V6	1993-1997	27
Navajo	4.0L 4016 CC OHV 12V V6 FORD	1991-1994	39
Protege	1.5L 1489 CC DOHC 16V L4	1995-1998	3
Protege	1.6L 1589 CC DOHC 16V L4	1999-2001	5
Protege	1.8L 1839 CC DOHC 16V L4	1990	7
Protege	1.8L 1839 CC SOHC 16V L4	1990-1994	5
Protege	1.8L 1839 CC DOHC 16V L4	1991-2000	5
Protege	2.0L 2000 CC DOHC 16V L4	2001-2003	10
Protege	2.0L 2000 CC DOHC 16V L4	2003	9
Protege5	2.0L 2000 CC DOHC 16V L4	2002-2003	10
Tribute	2.3L 140 CID DOHC 16V L4 FORD; Duratec	2005-2008	16
Tribute	2.3L 140 CID DOHC 16V L4 FORD; Duratec	2008	19
Tribute	2.5L 2488 CC 152 CID DOHC 16V L4 FORD; Duratec	2009-2011	21
Tribute	2.0L 1991 CC DOHC 16V L4 FORD; Zetec	2001-2004	9
Tribute	3.0L 2968 CC 181 CID DOHC 24V V6 FORD; Duratec	2001-2009	34
Tribute	3.0L 2968 CC 181 CID DOHC 24V V6 FORD; Duratec	2009-2011	33

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL BORE	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL				
1	1.3L 1272 CC SOHC 8V L4 MAZDA (1976-1978)			2.870"/73.0mm x 2.990"/76.0mm			1	
Connecting Rod Bearing Pair (4)		CB-1279A	STD, .25mm, .50mm, .75mm, 1.00mm	1.5724/1.5730	0.0010/0.0031	0.0596	1.6929/1.6935	0.6740
Connecting Rod Bearing Set	AL-5	CB-1279A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	1.5724/1.5730	0.0010/0.0031	0.0596	1.6929/1.6935	0.6740



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
2	1.4L 1415 CC SOHC 8V L4 MAZDA (1979-1980)			3.030"/77.0mm x 2.990"/76.0mm				2
	1.5L 1490 CC SOHC 8V L4 MAZDA (1981-1985)			3.030"/77.0mm x 3.150"/80.0mm				
Connecting Rod Bearing Pair (4)		CB-1279A	STD, .25mm, .50mm, .75mm, 1.00mm	1.5724/1.5730	0.0010/0.0031	0.0596	1.6929/1.6935	0.6740
Connecting Rod Bearing Set		AL-5 CB-1279A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	1.5724/1.5730	0.0010/0.0031	0.0596	1.6929/1.6935	0.6740
Main Bearing Set		MS-1560AL-.25mm						
3	1.5L 1489 CC DOHC 16V L4 MAZDA (1995-1998)			2.970"/75.3mm x 3.290"/83.6mm				3
Connecting Rod Bearing Pair (4)		CB-1279A	STD, .25mm, .50mm, .75mm, 1.00mm	1.5724/1.5730	0.0010/0.0031	0.0596	1.6929/1.6935	0.6740
Connecting Rod Bearing Set		AL-5 CB-1279A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	1.5724/1.5730	0.0010/0.0031	0.0596	1.6929/1.6935	0.6740
Main Bearing Set		AL-3 MS-1802A	STD, .25mm, .50mm, .75mm					
1,2,3,4,5		MS-1802AL MB1802A		1.9683		0.0792	2.1260	0.6940
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-472S								
Thrust Washer Set		TW-472S	STD					
		MB-3173W		2.2539			2.7165	0.1000
4	1.6L 1586 CC SOHC 8V L4 MAZDA (1975-1976)			3.070"/78.0mm x 3.270"/83.0mm				4
	1.6L 1587 CC SOHC 8V L4 MAZDA (1975-1977)			3.070"/78.0mm x 3.270"/83.0mm				
	1.6L 1586 CC 97 CID SOHC 8V L4 MAZDA NA (1970-1974)			3.070"/78.0mm x 3.270"/83.0mm				
Thrust Washer Set		TW-231S	STD					
		MB-649W(L)		2.7560/2.7760			3.3660/3.3860	0.0800
		MB-649W(U)		2.7560/2.7760			3.3660/3.3860	0.0800
Camshaft Bearing Set		B-1 SH-1066S	STD					
1		SH-1066		1.7695/1.7701	0.0007/0.0039	0.0793	1.9295/1.9305	0.9500
2-3		SH-1067		1.7695/1.7701	0.0007/0.0039	0.0793	1.9295/1.9305	0.7140
5	1.6L 1597 CC SOHC 8V L4 MAZDA (1986-1995)			3.070"/78.0mm x 3.290"/83.6mm				5
	1.6L 1597 CC SOHC 16V L4 MAZDA (1992-1993)			3.070"/78.0mm x 3.290"/83.6mm				
	1.6L 1597 CC DOHC 16V L4 MAZDA B6T (1988-1995)			3.070"/78.0mm x 3.290"/83.6mm				
	1.6L 1589 CC DOHC 16V L4 MAZDA (1999-2001)			3.070"/78.0mm x 3.290"/83.6mm				
	1.8L 1839 CC SOHC 16V L4 MAZDA (1990-1994)			3.270"/83.0mm x 3.350"/85.0mm				
	1.8L 1839 CC DOHC 16V L4 MAZDA (1991-2005)			3.270"/83.0mm x 3.350"/85.0mm				
	1.8L 1839 CC DOHC 16V L4 MAZDA (1994-2003)			3.290"/83.0mm x 3.350"/85.0mm				
Connecting Rod Bearing Pair (4)		AL-3 CB-1453A	STD, .25mm, .50mm, .75mm	1.7693/1.7699	0.0011/0.0027	0.0594	1.8898/1.8904	0.6740



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COUNTER DATA				SHOP DATA						
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH		
				4 CYL (cont.)						
5 (cont.)	1.6L 1597 CC SOHC 8V L4 MAZDA (1986-1995)			3.070"/78.0mm x 3.290"/83.6mm					5 (cont.)	
	1.6L 1597 CC SOHC 16V L4 MAZDA (1992-1993)			3.070"/78.0mm x 3.290"/83.6mm						
	1.6L 1597 CC DOHC 16V L4 MAZDA B6T (1988-1995)			3.070"/78.0mm x 3.290"/83.6mm						
	1.6L 1589 CC DOHC 16V L4 MAZDA (1999-2001)			3.070"/78.0mm x 3.290"/83.6mm						
	1.8L 1839 CC SOHC 16V L4 MAZDA (1990-1994)			3.270"/83.0mm x 3.350"/85.0mm						
	1.8L 1839 CC DOHC 16V L4 MAZDA (1991-2005)			3.270"/83.0mm x 3.350"/85.0mm						
	1.8L 1839 CC DOHC 16V L4 MAZDA (1994-2003)			3.290"/83.0mm x 3.350"/85.0mm						
	Connecting Rod Bearing Set	AL-3	CB-1453A(4)	STD, .25mm, .50mm, .75mm	1.7693/1.7699	0.0011/0.0027	0.0594	1.8898/1.8904		0.6740
Main Bearing Set	AL-3	MS-1802A MS-1802AL MB1802A	STD, .25mm, .50mm, .75mm	1.9683		0.0792	2.1260	0.6940		
1,2,3,4,5										
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-472S										
Thrust Washer Set		TW-472S MB-3173W	STD	2.2539			2.7165	0.1000		
6	1.8L 1796 CC SOHC 8V L4 MAZDA (1977-1978)			3.070"/78.0mm x 3.700"/94.0mm					6	
	1.8L 1796 CC 110 CID SOHC 8V L4 MAZDA VB (1972-1973)			3.070"/78.0mm x 3.700"/94.0mm						
	2.0L 1970 CC SOHC 8V L4 MAZDA (1979-1982)			3.150"/80.0mm x 3.860"/98.0mm						
	2.0L 1970 CC SOHC 8V L4 MAZDA (1979-1984)			3.390"/86.0mm x 3.390"/86.0mm						
Connecting Rod Bearing Pair (4)	AL-5	CB-1110A	STD, .25mm, .50mm, .75mm	2.0842/2.0848	0.0014/0.0036	0.0596	2.2049/2.2055	0.8710		
Connecting Rod Bearing Set	AL-5	CB-1110A(4)	STD, .25mm, .50mm, .75mm	2.0842/2.0848	0.0014/0.0036	0.0596	2.2049/2.2055	0.8710		
Thrust Washer Set		TW-231S MB-649W(L) MB-649W(U)	STD	2.7560/2.7760 2.7560/2.7760			3.3660/3.3860 3.3660/3.3860	0.0800 0.0800		
Camshaft Bearing Set	B-1	SH-1066S SH-1066 SH-1067	STD	1.7695/1.7701 1.7695/1.7701	0.0007/0.0039 0.0007/0.0039	0.0793	1.9295/1.9305 1.9295/1.9305	0.9500 0.7140		
1										
2-3										
7	1.8L 1839 CC DOHC 16V L4 MAZDA (1990)			3.270"/83.0mm x 3.350"/85.0mm					7	
	Connecting Rod Bearing Pair (4)	AL-3	CB-1453A	STD, .25mm, .50mm, .75mm	1.7693/1.7699	0.0011/0.0027	0.0594	1.8898/1.8904		0.6740
	Connecting Rod Bearing Set	AL-3	CB-1453A(4)	STD, .25mm, .50mm, .75mm	1.7693/1.7699	0.0011/0.0027	0.0594	1.8898/1.8904		0.6740



MAZDA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
7 (cont.)	1.8L 1839 CC DOHC 16V L4 MAZDA (1990)			3.270"/83.0mm x 3.350"/85.0mm				7 (cont.)
Main Bearing Set	AL-3	MS-1802A	STD, .25mm, .50mm, .75mm	1.9683		0.0792	2.1260	0.6940
1,2,3,4,5		MS-1802AL MB1802A						
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-472S								
8	2.0L 1991 CC DOHC 16V L4 MAZDA (1993-2002)			3.270"/83.0mm x 3.620"/92.0mm				8
Connecting Rod Bearing Pair (4)	TM-1	CB-1652P	STD, .25mm, .50mm	1.8874/1.8880	0.0009/0.0020	0.0596	2.0079/2.0085	0.6744
Connecting Rod Bearing Set	TM-1	CB-1652P(4)	STD	1.8874/1.8880	0.0009/0.0020	0.0596	2.0079/2.0085	0.6744
Main Bearing Set		MS-2057A	STD, .25mm, .50mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-596S								
Thrust Washer Set	TM-77	TW-596S	STD	2.4507		0.0100	3.2283	
		MB-3544W						
9	2.0L 1991 CC DOHC 16V L4 FORD; Zetec (2001-2004)			3.340"/84.8mm x 3.460"/88.0mm				9
	2.0L 2000 CC DOHC 16V L4 MAZDA (2003)			3.390"/86.0mm x 3.390"/86.0mm				
Connecting Rod Bearing Pair (4)	AL-5	CB-1774A	STD, .25mm, .50mm, .75mm	1.8461/1.8468	0.0004/0.0017	0.0585	1.9642/1.9650	0.8020
Connecting Rod Bearing Set	AL-5	CB-1774A(4)	STD, .25mm, .50mm, .75mm	1.8461/1.8468	0.0008/0.0017	0.0585	1.9642/1.9650	0.8020
Main Bearing Set	AL-5	MS-2208A	STD, .25mm, .50mm, .75mm					
1-2-4-5		MB-3753A						
3		MB-3754A(F)		2.2827/2.2834	0.0007/0.0030	0.0842	2.4522/2.4528	0.9730
10	2.0L 2000 CC DOHC 16V L4 MAZDA (2001-2003)			3.340"/84.8mm x 3.460"/88.0mm				10
Connecting Rod Bearing Pair (4)	AL-5	CB-1774A	STD, .25mm, .50mm, .75mm	1.8461/1.8468	0.0004/0.0017	0.0585	1.9642/1.9650	0.8020
Connecting Rod Bearing Pair (4)	TM-1	CB-1652P	STD, .25mm, .50mm	1.8874/1.8880	0.0009/0.0020	0.0596	2.0079/2.0085	0.6744
For Years: 2002 - 2003								
Connecting Rod Bearing Set	AL-5	CB-1774A(4)	STD, .25mm, .50mm, .75mm	1.8461/1.8468	0.0008/0.0017	0.0585	1.9642/1.9650	0.8020
Connecting Rod Bearing Set	TM-1	CB-1652P(4)	STD	1.8874/1.8880	0.0009/0.0020	0.0596	2.0079/2.0085	0.6744
For Years: 2002 - 2003								
Main Bearing Set		MS-2057A	STD, .25mm, .50mm					
For Years: 2002 - 2003								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-596S								
Main Bearing Set	AL-5	MS-2208A	STD, .25mm, .50mm, .75mm					
1-2-4-5		MB-3753A						
3		MB-3754A(F)		2.2827/2.2834	0.0007/0.0030	0.0842	2.4522/2.4528	0.9730
For Years: 2001 - 2002								



MAZDA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
10 (cont.)	2.0L 2000 CC DOHC 16V L4 MAZDA (2001-2003)			3.340"/84.8mm x 3.460"/88.0mm				10 (cont.)
Thrust Washer Set TM-77 TW-596S MB-3544W STD				2.4507	0.0100 3.2283			
For Years: 2002 - 2003								
11	2.0L 1998 CC 122 CID SOHC 8V L4 MAZDA (1984-1987)			3.390"/86.0mm x 3.390"/86.0mm				11
	2.2L 2184 CC SOHC 8V L4 MAZDA (1990-1993)			3.390"/86.0mm x 3.700"/94.0mm				
	2.2L 2184 CC SOHC 8V L4 MAZDA (1987-1993)			3.440"/87.5mm x 3.620"/92.0mm				
Connecting Rod Bearing Pair (4)	AL-5	CB-1362A	STD,.25mm	2.0055/2.0061	0.0012/0.0026	0.0594	2.1261/2.1267	0.8320
Connecting Rod Bearing Set	AL-5	CB-1362A(4)	STD,.25mm,.50mm,.75mm	2.0055/2.0061	0.0012/0.0026	0.0594	2.1261/2.1267	0.8320
Main Bearing Set 1-2-4-5	TM-1	MS-2046P	STD,.25mm	2.3597/2.3604	0.0007/0.0030	0.0793	2.5197/2.5203	0.7530
3		MB-2999P MB-3523P(F)		2.3597/2.3604	0.0007/0.0030	0.0793	2.5197/2.5203	1.1020
NOTE: Contains Full Grooved Main Bearings								
12	2.0L 2000 CC 122 CID DOHC 16V L4 MAZDA (2004-2005)			3.440"/87.5mm x 3.270"/83.1mm				12
Main Bearing Set	AL-5	MS-2245A MB3822ALL MB3822ALU MB4029AU	STD,.25mm,.50mm	2.0464/2.0472	0.0986 2.2488/2.2455		0.7520	
				2.0464/2.0472	0.0986 2.2448/2.2455		0.7520	
							1.0149	
13	2.2L 2184 CC SOHC 12V L4 MAZDA (1988-1992)			3.390"/86.0mm x 3.700"/94.0mm				13
Connecting Rod Bearing Pair (4)	AL-5	CB-1362A	STD,.25mm	2.0055/2.0061	0.0012/0.0026	0.0594	2.1261/2.1267	0.8320
Connecting Rod Bearing Set	AL-5	CB-1362A(4)	STD,.25mm,.50mm,.75mm	2.0055/2.0061	0.0012/0.0026	0.0594	2.1261/2.1267	0.8320
Main Bearing Set		MS-1803A	STD,.25mm,.50mm,.75mm					
14	2.3L 2295 CC SOHC 8V L4 FORD VIN Code: 'A' (1994-1997)			3.440"/87.4mm x 3.700"/94.0mm				14
Connecting Rod Bearing Pair (4)	AL-5	CB-984A	STD,.25mm,.50mm,.75mm,1.00mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Connecting Rod Bearing Pair (4)	TM-77	CB-984P	STD,.25mm,.50mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Connecting Rod Bearing Set	AL-5	CB-984A(4)	STD,.25mm,.50mm,.75mm,1.00mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Connecting Rod Bearing Set	TM-77	CB-984P(4)	STD,.25mm,.50mm,.75mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Main Bearing Set 1-2-4-5	AL-5	MS-1743A	STD,.25mm,.50mm,.75mm	2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	0.9500
3		MB-3137A MB-3130A(F)		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	1.1940
Main Bearing Set 1-2-4-5	TM-77	MS-1743P	STD,.25mm	2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	0.9500
3		MB-3137P MB-3130P(F)		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	1.1940



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
14 (cont.)	2.3L 2295 CC SOHC 8V L4 FORD VIN Code: 'A' (1994-1997)			3.440"/87.4mm x 3.700"/94.0mm				14 (cont.)
Camshaft Bearing Set 1-2-3-4	AL-3	SH-777S SH-777	STD	1.7713/1.7720	0.0010/0.0039	0.0638	1.9006/1.9016	0.6980
Auxiliary Shaft Bearing Set Front Rear	B-1	SH-1095S SH-1095 SH-1096	STD	1.6522/1.6530 1.6522/1.6530	0.0007/0.0047 0.0007/0.0047	0.0717 0.0619	1.7968/1.7980 1.7772/1.7783	0.5100 0.5100
15	2.3L 2260 CC DOHC 16V L4 MAZDA MZR VIN Codes: '3' (2009-2010), '4' (2009), 'L' (2009-2010), 'M' (2009)			3.440"/87.4mm x 3.700"/94.0mm				15
Connecting Rod Bearing Set	AL-5	CB-1925A(4)	STD,.25mm,.50mm	2.0465/2.0472	0.0004/0.0022	0.0593	2.1662/2.1667	0.6650
Main Bearing Set	AL-5	MS-2245A MB3822ALL MB3822ALU MB4029AU	STD,.25mm,.50mm	2.0464/2.0472 2.0464/2.0472		0.0986 0.0986	2.2488/2.2455 2.2448/2.2455	0.7520 0.7520 1.0149
For Years: 2006 - 2012								
16	2.3L 2294 CC DOHC 16V L4 FORD VIN Code: 'D' (2001)			3.440"/87.4mm x 3.700"/94.0mm				16
	2.3L 2300 CC DOHC 16V L4 FORD VIN Code: 'D' (2002-2009)			3.440"/87.4mm x 3.700"/94.0mm				
	2.3L 140 CID DOHC 16V L4 FORD; Duratec VIN Code: 'Z' (2005-2006, 2008)			3.440"/87.4mm x 3.700"/94.0mm				
Connecting Rod Bearing Pair (4)	AL-5	CB-1838A	STD,.25mm,.50mm	1.9677/1.9685	0.0007/0.0029	0.0592	2.0876/2.0884	0.6650
Connecting Rod Bearing Pair (4)	AL-5	CB-1839A-.25mm	.50mm	1.9677/1.9685	0.0007/0.0029	0.0602	2.0886/2.0904	0.6650
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1838A(4)	STD,.25mm,.50mm	1.9677/1.9685	0.0007/0.0029	0.0592	2.0876/2.0884	0.6650
Connecting Rod Bearing Set	AL-5	CB-1839A-.25mm(4)	.50mm	1.9677/1.9685	0.0007/0.0029	0.0602	2.0886/2.0904	0.6650
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-2245A MB3822ALL MB3822ALU MB4029AU	STD,.25mm,.50mm	2.0464/2.0472 2.0464/2.0472		0.0986 0.0986	2.2488/2.2455 2.2448/2.2455	0.7520 0.7520 1.0149
17	2.3L 2260 CC DOHC 16V L4 MAZDA (2003-2008)			3.440"/87.4mm x 3.700"/94.0mm				17
Connecting Rod Bearing Pair (4)	AL-5	CB-1838A	STD,.25mm,.50mm	1.9677/1.9685	0.0007/0.0029	0.0592	2.0876/2.0884	0.6650
For Years: 2003 - 2005								
Connecting Rod Bearing Pair (4)	AL-5	CB-1839A-.25mm	.50mm	1.9677/1.9685	0.0007/0.0029	0.0602	2.0886/2.0904	0.6650
For Years: 2003 - 2005								
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1838A(4)	STD,.25mm,.50mm	1.9677/1.9685	0.0007/0.0029	0.0592	2.0876/2.0884	0.6650
For Years: 2003 - 2005								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
17 (cont.)	2.3L 2260 CC DOHC 16V L4 MAZDA (2003-2008)			3.440"/87.4mm x 3.700"/94.0mm				17 (cont.)
Connecting Rod Bearing Set	AL-5	CB-1839A-.25mm(4)	.50mm	1.9677/1.9685	0.0007/0.0029	0.0602	2.0886/2.0904	0.6650
For Years: 2003 - 2005 NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1925A(4)	STD,.25mm,.50mm	2.0465/2.0472	0.0004/0.0022	0.0593	2.1662/2.1667	0.6650
For Years: 2006 - 2008								
Main Bearing Set	AL-5	MS-2245A	STD,.25mm,.50mm					
		MB3822ALL		2.0464/2.0472		0.0986	2.2488/2.2455	0.7520
		MB3822ALU		2.0464/2.0472		0.0986	2.2448/2.2455	0.7520
		MB4029AU						1.0149
18	2.3L 2260 CC 138 CID DOHC 16V L4 MAZDA L3T, L3V, LFD, MZR (2006-2011)			3.440"/87.5mm x 3.700"/94.0mm				18
	2.3L 2261 CC 138 CID DOHC 16V L4 MAZDA L3X (2006-2008)			3.440"/87.5mm x 3.700"/94.0mm				
Connecting Rod Bearing Set	AL-5	CB-1925A(4)	STD,.25mm,.50mm	2.0465/2.0472	0.0004/0.0022	0.0593	2.1662/2.1667	0.6650
19	2.3L 140 CID DOHC 16V L4 FORD; Duratec VIN Code: 'H' (2008)			3.440"/87.4mm x 3.700"/94.0mm				19
Connecting Rod Bearing Pair (4)	AL-5	CB-1838A	STD,.25mm,.50mm	1.9677/1.9685	0.0007/0.0029	0.0592	2.0876/2.0884	0.6650
Connecting Rod Bearing Set	AL-5	CB-1838A(4)	STD,.25mm,.50mm	1.9677/1.9685	0.0007/0.0029	0.0592	2.0876/2.0884	0.6650
Main Bearing Set	AL-5	MS-2245A	STD,.25mm,.50mm					
		MB3822ALL		2.0464/2.0472		0.0986	2.2488/2.2455	0.7520
		MB3822ALU		2.0464/2.0472		0.0986	2.2448/2.2455	0.7520
		MB4029AU						1.0149
20	2.5L 2492 CC SOHC 8V L4 FORD VIN Code: 'C' (1998-2001)			3.780"/96.0mm x 3.400"/86.3mm				20
Connecting Rod Bearing Pair (4)	AL-5	CB-984A	STD,.25mm,.50mm,.75mm,1.00mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Connecting Rod Bearing Pair (4)	TM-77	CB-984P	STD,.25mm,.50mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Connecting Rod Bearing Set	AL-5	CB-984A(4)	STD,.25mm,.50mm,.75mm,1.00mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Connecting Rod Bearing Set	TM-77	CB-984P(4)	STD,.25mm,.50mm,.75mm	2.0465/2.0472	0.0005/0.0030	0.0624	2.1720/2.1728	0.8000
Main Bearing Set	AL-5	MS-1743A	STD,.25mm,.50mm,.75mm					
1-2-4-5		MB-3137A		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	0.9500
3		MB-3130A(F)		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	1.1940
Main Bearing Set	TM-77	MS-1743P	STD,.25mm					
1-2-4-5		MB-3137P		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	0.9500
3		MB-3130P(F)		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	1.1940
Camshaft Bearing Set	AL-3	SH-777S	STD					
1-2-3-4		SH-777		1.7713/1.7720	0.0010/0.0039	0.0638	1.9006/1.9016	0.6980



MAZDA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
21	2.5L 2488 CC 152 CID DOHC 16V L4 FORD; Duratec			3.500"/88.9mm x 3.940"/100.1mm				21
VIN Codes: '3' (2009-2010), '7' (2009-2011), 'A' (2010), 'H' (2010)								
Connecting Rod Bearing Pair (4)	AL-5	CB-1910A	STD, .25mm, .50mm	2.0463/2.0473	0.0005/0.0031	0.0591	2.1660/2.1670	0.6650
Connecting Rod Bearing Set	AL-5	CB-1910A(4)	STD, .25mm, .50mm	2.0463/2.0473	0.0005/0.0031	0.0591	2.1660/2.1670	0.6650
22	2.6L 2555 CC SOHC 8V L4 MITSUBISHI			3.590"/91.1mm x 3.860"/98.0mm				22
(1987-1988)								
Connecting Rod Bearing Pair (4)	AL-3	CB-1220A	STD, .25mm, .50mm, .75mm, 1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
Connecting Rod Bearing Set	AL-3	CB-1220A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
Main Bearing Set	AL-3	MS-1945A MB-3053AL	STD, .25mm, .50mm	2.3614/2.3622	0.0011/0.0037	0.0783	2.5197/2.5205	0.9890
Auxiliary Shaft Bearing Set	AL-3	SH-1429S	STD					
Left/Right Rear		SH-1429		1.6933/1.6939	0.0013/0.0037	0.0585	1.8122/1.8130	0.7950
Left Front		SH-1760		0.9039/0.9047	0.0008/0.0034	0.0593	1.0236/1.0244	0.7090
23	2.6L 2606 CC SOHC 8V L4 MAZDA			3.620"/92.0mm x 3.860"/98.0mm				23
(1989)								
23	2.6L 2606 CC SOHC 12V L4 MAZDA			3.620"/92.0mm x 3.860"/98.0mm				23
(1989-1994)								
Connecting Rod Bearing Pair (4)	AL-3	CB-1455A	STD, .25mm, .50mm	2.0055/2.0061	0.0012/0.0026	0.0594	2.1261/2.1267	0.8320
Connecting Rod Bearing Set	AL-3	CB-1455A(4)	STD, .25mm, .50mm	2.0055/2.0061	0.0012/0.0026	0.0594	2.1261/2.1267	0.8320
Camshaft Bearing Set	AL-3	SH-1793S	STD					
6 CYL								
24	1.8L 1845 CC DOHC 24V V6 MAZDA			2.950"/75.0mm x 2.740"/69.6mm				24
(1992-1994)								
Connecting Rod Bearing Pair (6)	TM-1	CB-1831P	STD	1.8880	0.0033	0.0595	2.0085	0.6690
25	2.3L 2254 CC DOHC 24V V6 MAZDA			3.160"/80.3mm x 2.920"/74.2mm				25
(1995-2002)								
Connecting Rod Bearing Pair (6)	TM-1	CB-1653P	STD, .25mm, .50mm	2.0848	0.0018	0.0595	2.2053	0.6705
Main Bearing Set	TM-1	MS-2058AL	STD					
1-2-3		MB-3545AL		2.4382/2.4392	0.0015/0.0025	0.0980	2.6378/2.6384	0.7138
4		MB-3546AL		2.4382/2.4392	0.0015/0.0025	0.0980	2.6378/2.6384	0.8673
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-552S								
Thrust Washer Set		TW-552S MB-3347W	STD	2.6870			3.1496	2.0574
26	2.5L 2497 CC DOHC 24V V6 FORD; Duratec			3.240"/82.3mm x 3.130"/79.5mm				26
(2000-2001)								
26	2.5L 2497 CC DOHC 24V V6 MAZDA			3.240"/82.3mm x 3.130"/79.5mm				26
(2002)								
Connecting Rod Bearing Pair (6)	AL-5	CB-1772A	STD, .25mm, .50mm, .75mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
Connecting Rod Bearing Set	AL-5	CB-1772A(6)	STD, .25mm, .50mm, .75mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080



MAZDA

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				6 CYL (cont.)					
26 (cont.)	2.5L 2497 CC DOHC 24V V6 FORD; Duratec (2000-2001)			3.240"/82.3mm x 3.130"/79.5mm					26 (cont.)
	2.5L 2497 CC DOHC 24V V6 MAZDA (2002)			3.240"/82.3mm x 3.130"/79.5mm					
Main Bearing Set	AL-5	MS-1743A	STD, .25mm, .50mm, .75mm						
1-2-4-5		MB-3137A		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	0.9500	
3		MB-3130A(F)		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	1.1940	
Main Bearing Set	TM-77	MS-1743P	STD, .25mm						
1-2-4-5		MB-3137P		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	0.9500	
3		MB-3130P(F)		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	1.1940	
27	2.5L 2497 CC DOHC 24V V6 MAZDA (1993-2001)			3.330"/84.5mm x 2.920"/74.2mm					27
Connecting Rod Bearing Pair (6)	AL-5	CB-1772A	STD, .25mm, .50mm, .75mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080	
For Years: 2000 - 2001									
Connecting Rod Bearing Pair (6)	TM-1	CB-1653P	STD, .25mm, .50mm	2.0848	0.0018	0.0595	2.2053	0.6705	
For Years: 1993 - 1999									
Connecting Rod Bearing Set	AL-5	CB-1772A(6)	STD, .25mm, .50mm, .75mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080	
For Years: 2000 - 2001									
Main Bearing Set	AL-5	MS-1743A	STD, .25mm, .50mm, .75mm						
1-2-4-5		MB-3137A		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	0.9500	
3		MB-3130A(F)		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	1.1940	
For Years: 2000 - 2001									
Main Bearing Set	TM-1	MS-2058AL	STD						
1-2-3		MB-3545AL		2.4382/2.4392	0.0015/0.0025	0.0980	2.6378/2.6384	0.7138	
4		MB-3546AL		2.4382/2.4392	0.0015/0.0025	0.0980	2.6378/2.6384	0.8673	
For Years: 1993 - 1999									
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-552S									
Main Bearing Set	TM-77	MS-1743P	STD, .25mm						
1-2-4-5		MB-3137P		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	0.9500	
3		MB-3130P(F)		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	1.1940	
For Years: 2000 - 2001									
Thrust Washer Set		TW-552S	STD						
		MB-3347W		2.6870			3.1496	2.0574	
For Years: 1993 - 1998									
28	2.5L 2497 CC DOHC 24V V6 MAZDA (1999-2002)			3.330"/84.5mm x 2.920"/74.2mm					28
Connecting Rod Bearing Pair (6)	AL-5	CB-1772A	STD, .25mm, .50mm, .75mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080	
Connecting Rod Bearing Set	AL-5	CB-1772A(6)	STD, .25mm, .50mm, .75mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080	
Main Bearing Set	AL-5	MS-1743A	STD, .25mm, .50mm, .75mm						
1-2-4-5		MB-3137A		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	0.9500	
3		MB-3130A(F)		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	1.1940	
For Years: 2000 - 2002									

MAZDA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
28 (cont.)	2.5L 2497 CC DOHC 24V V6 MAZDA (1999-2002)			3.330"/84.5mm x 2.920"/74.2mm				28 (cont.)
Main Bearing Set 1-2-3	TM-1	MS-2058AL	STD	2.4382/2.4392	0.0015/0.0025	0.0980	2.6378/2.6384	0.7138
4		MB-3545AL		2.4382/2.4392	0.0015/0.0025	0.0980	2.6378/2.6384	0.8673
		MB-3546AL						
For Year: 1999								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-552S								
Main Bearing Set 1-2-4-5	TM-77	MS-1743P	STD,.25mm	2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	0.9500
3		MB-3137P		2.2051/2.2059	0.0008/0.0026	0.0956	2.3971/2.3979	1.1940
		MB-3130P(F)						
For Years: 2000 - 2002								
29	3.0L 2954 CC SOHC 18V V6 MAZDA (1989-1993)			3.500"/88.9mm x 3.000"/76.0mm				29
Connecting Rod Bearing Pair (6)	AL-3	CB-1592AL-.25mm	.50mm	2.0842/2.0848	0.0009/0.0033	0.0595	2.2047/2.2053	0.6690
30	3.0L 2954 CC DOHC 24V V6 MAZDA (1994-1995)			3.540"/90.0mm x 3.050"/77.4mm				30
Connecting Rod Bearing Pair (6)	TM-1	CB-1653P-.25mm	.50mm					
31	3.0L 2954 CC 180 CID SOHC 18V V6 MAZDA JE (1988-1998)			3.540"/90.0mm x 3.040"/77.4mm				31
Connecting Rod Bearing Pair (6)	AL-3	CB-1592AL-.25mm	.50mm	2.0842/2.0848	0.0009/0.0033	0.0595	2.2047/2.2053	0.6690
For Years: 1989 - 1998								
Main Bearing Set 1-2-4-5	AL-5	MS-2208A	STD,.25mm,.50mm,.75mm	2.2827/2.2834	0.0003/0.0016	0.0842	2.4522/2.4528	0.7710
3		MB-3753A		2.2827/2.2834	0.0007/0.0030	0.0842	2.4522/2.4528	0.9730
		MB-3754A(F)						
For Years: 1988 - 1991								
Thrust Washer Set		TW-552S	STD	2.6870			3.1496	2.0574
		MB-3347W						
For Years: 1989 - 1998								
32	3.0L 2954 CC 180 CID DOHC 24V V6 MAZDA JE (1990-1995)			3.540"/90.0mm x 3.040"/77.4mm				32
Connecting Rod Bearing Pair (6)	TM-1	CB-1653P	STD,.25mm,.50mm	2.0848	0.0018	0.0595	2.2053	0.6705
For Years: 1994 - 1995								
Main Bearing Set 1-2-4-5	AL-5	MS-2208A	STD,.25mm,.50mm,.75mm	2.2827/2.2834	0.0003/0.0016	0.0842	2.4522/2.4528	0.7710
3		MB-3753A		2.2827/2.2834	0.0007/0.0030	0.0842	2.4522/2.4528	0.9730
		MB-3754A(F)						
For Years: 1990 - 1993								
Thrust Washer Set (6)		TW-552S	STD	2.6870			3.1496	2.0574
		MB-3347W						
For Year: 1994								
33	3.0L 2968 CC 181 CID DOHC 24V V6 FORD 99G; Duratec VIN Code: 'G' (2009)			3.500"/89.0mm x 3.120"/79.5mm				33
Connecting Rod Bearing Pair (6)	AL-5	CB-1772A	STD,.25mm,.50mm,.75mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080



MAZDA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
33 (cont.)	3.0L 2968 CC 181 CID DOHC 24V V6 FORD 99G; Duratec VIN Code: 'G' (2009)			3.500"/89.0mm x 3.120"/79.5mm				33 (cont.)
Connecting Rod Bearing Pair (6)	AL-5	CB-1845A-.25mm	.50mm,.75mm	1.9670/1.9680	0.0008/0.0034	0.0604	2.0892/2.0900	0.7080
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1772A(6)	STD,.25mm,.50mm,.75mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
Connecting Rod Bearing Set	AL-5	CB-1845A-.25mm(6)	.50mm,.75mm	1.9670/1.9680	0.0008/0.0034	0.0604	2.0892/2.0900	0.7080
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
34	3.0L 2968 CC 181 CID DOHC 24V V6 FORD AJ; Duratec VIN Code: '1' (2001-2006, 2008-2009)			3.500"/89.0mm x 3.120"/79.5mm				34
Connecting Rod Bearing Pair (6)	AL-5	CB-1772A	STD,.25mm,.50mm,.75mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
Connecting Rod Bearing Pair (6)	AL-5	CB-1845A-.25mm	.50mm,.75mm	1.9670/1.9680	0.0008/0.0034	0.0604	2.0892/2.0900	0.7080
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1772A(6)	STD,.25mm,.50mm,.75mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
Connecting Rod Bearing Set	AL-5	CB-1845A-.25mm(6)	.50mm,.75mm	1.9670/1.9680	0.0008/0.0034	0.0604	2.0892/2.0900	0.7080
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set		MS-2207A	STD,.25mm,.50mm,.75mm					
		MB5051ALSTD						
1-2-3		MB-3750A		2.4790/2.4800	0.0003/0.0018	0.0987	2.6771/2.6779	0.7060
4		MB-3751A(F)		2.4790/2.4800	0.0003/0.0032	0.0984	2.6771/2.6780	0.8800
For Years: 2001 - 2006 NOTE: Thrust Washer Included								
Piston Pin Bushing (6)	C-1	223-3651	STD			0.0708	0.9467	0.8450
For Years: 2001 - 2006 NOTE: OE Replacement, Requires Light Reaming								
35	3.0L 2968 CC 181 CID DOHC 24V V6 MAZDA AJ; Duratec VIN Code: 'D' (2003-2008)			3.500"/89.0mm x 3.120"/79.5mm				35
Connecting Rod Bearing Pair (6)	AL-5	CB-1772A	STD,.25mm,.50mm,.75mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
Connecting Rod Bearing Set	AL-5	CB-1772A(6)	STD,.25mm,.50mm,.75mm	1.9670/1.9680	0.0008/0.0034	0.0594	2.0872/2.0880	0.7080
Main Bearing Set	AL-5	MS-1702A	STD,.25mm,.50mm,.75mm					
1-2		MB-3093A		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	0.7420
3		MB-3094A(F)		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	1.0110
4		MB-3095A		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	1.0690
36	3.0L 2986 CC 182 CID OHV 12V V6 FORD; Vulcan VIN Codes: 'U' (1995-1999, 2001-2007), 'V' (1999-2003)			3.500"/89.0mm x 3.140"/80.0mm				36
Connecting Rod Bearing Pair (6)	AL-5	CB-1385A	STD,.25mm,.50mm,.75mm	2.1253/2.1261	0.0003/0.0025	0.0618	2.2500/2.2508	0.7630



MAZDA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
36 (cont.)	3.0L 2986 CC 182 CID OHV 12V V6 FORD; Vulcan VIN Codes: 'U' (1995-1999, 2001-2007), 'V' (1999-2003)			3.500"/89.0mm x 3.140"/80.0mm				36 (cont.)
Connecting Rod Bearing Set	AL-5	CB-1385A(6)	STD,.25mm,.50mm,.75mm	2.1253/2.1261	0.0003/0.0025	0.0618	2.2500/2.2508	0.7630
Main Bearing Set	AL-5	MS-1702A	STD,.25mm,.50mm,.75mm					
1-2		MB-3093A		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	0.7420
3		MB-3094A(F)		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	1.0110
4		MB-3095A		2.5190/2.5198	0.0010/0.0023	0.0962	2.7120/2.7128	1.0690
Camshaft Bearing Set	B-1	SH-1789S	STD					
1		SH-1334		2.0074/2.0084	0.0010/0.0030	0.0713	2.1531/2.1541	0.9650
2-3		SH-1335		2.0074/2.0084	0.0010/0.0030	0.0614	2.1334/2.1344	0.5420
4		SH-1789		2.0074/2.0084	0.0010/0.0030	0.0713	2.1531/2.1541	0.5470
37	3.5L 3496 CC 213 CID DOHC 24V V6 FORD; Duratec (2007)			3.640"/92.5mm x 3.410"/86.7mm				37
	3.7L 3726 CC 227 CID DOHC 24V V6 FORD; Duratec VIN Codes: 'A' (2008-2013), 'B' (2009-2013), 'V' (2008-2013)			3.760"/95.5mm x 3.410"/86.7mm				
	3.7L 3726 CC 227 CID DOHC 24V V6 MAZDA MZI, MZR (2009-2013)			3.760"/95.5mm x 3.410"/86.7mm				
Main Bearing Set	AL-5	MS-2302A	STD,.25mm					
1-2-3-4		MB-3947A		2.6567/2.6577	0.0005/0.0020	0.0966	2.8504/2.8513	0.9050
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-721S								
Thrust Washer Set		TW-721S	STD					
38	3.7L 3726 CC 227 CID DOHC 24V V6 FORD; Duratec VIN Codes: 'A' (2014-2015), 'V' (2014-2015)			3.760"/95.5mm x 3.410"/86.7mm				38
Main Bearing Set	AL-5	MS-2302A-.25mm						
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-721S								
39	4.0L 4016 CC OHV 12V V6 FORD VIN Code: 'X' (1995-2000)			3.950"/100.4mm x 3.310"/84.0mm				39
Connecting Rod Bearing Pair (6)	AL-5	CB-723A	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490
Connecting Rod Bearing Pair (6)	AL-5	CB-1795A-10	20,30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-723A(6)	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490
Connecting Rod Bearing Set	AL-5	CB-1795A-10(6)	20,30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-2006A	STD,10,20,30					
1-2-4		MB-3202A		2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	0.8500
3		MB-3467A(F)		2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	1.0350



MAZDA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
39 (cont.)	4.0L 4016 CC OHV 12V V6 FORD VIN Code: 'X' (1995-2000)			3.950"/100.4mm x 3.310"/84.0mm				39 (cont.)
Camshaft Bearing Set	B-1	SH-1441S	STD					
1		SH-1441		1.9516/1.9524	0.0010/0.0046	0.0617	2.0768/2.0784	0.7800
2		SH-1442		1.9374/1.9382	0.0008/0.0044	0.0614	2.0618/2.0634	0.7050
3		SH-1443		1.9224/1.9232	0.0008/0.0044	0.0614	2.0468/2.0484	0.7050
4		SH-1444		1.9071/1.9079	0.0010/0.0046	0.0615	2.0319/2.0335	0.5900
40	4.0L 4016 CC SOHC 12V V6 FORD VIN Code: 'E' (2001-2008)			3.950"/100.4mm x 3.310"/84.0mm				40
Connecting Rod Bearing Pair (6)	AL-5	CB-723A	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490
Connecting Rod Bearing Pair (6)	AL-5	CB-1795A-10	20,30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-723A(6)	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490
Connecting Rod Bearing Set	AL-5	CB-1795A-10(6)	20,30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-2006A	STD,10,20,30					
1-2-4		MB-3202A		2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	0.8500
3		MB-3467A(F)		2.2433/2.2441	0.0006/0.0032	0.0711	2.3866/2.3874	1.0350
Auxiliary Shaft Bearing Set	B-1	SH-1977S	STD					
Front		SH-1977				0.0610	1.8522	1.1420
Rear		SH-1978				0.0610	1.8072	0.9050

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ENGINE	YEAR	BORE & STROKE	BLOCK
1.5L 1468 CC 90 CID SOHC 8V L4	1985-1988	2.970"/75.5mm x 3.230"/82.0mm	2
1.5L 1468 CC SOHC 8V L4	1987-1989	2.970"/75.5mm x 3.230"/82.0mm	2
1.5L 1468 CC 90 CID SOHC 8V L4	1989-1990	2.970"/75.5mm x 3.230"/82.0mm	1
1.5L 1468 CC SOHC 8V L4	1990-1994	2.970"/75.5mm x 3.230"/82.0mm	1
1.5L 1468 CC 90 CID SOHC 12V L4 4G15	1991-2002	2.970"/75.5mm x 3.230"/82.0mm	1
1.6L 1597 CC 98 CID SOHC 8V L4	1985-1988	3.030"/76.9mm x 3.390"/86.0mm	3
1.6L 1597 CC 98 CID DOHC 16V L4	1989	3.030"/76.9mm x 3.390"/86.0mm	3
1.6L 1597 CC 98 CID DOHC 16V L4	1991-1992	3.030"/76.9mm x 3.390"/86.0mm	4
1.8L 1755 CC 107 CID SOHC 8V L4	1990-1994	3.170"/80.6mm x 3.390"/86.0mm	3
1.8L 1795 CC SOHC 8V L4	1983	3.170"/81.0mm x 3.460"/88.0mm	6
1.8L 1795 CC SOHC 8V L4	1984-1988	3.170"/81.0mm x 3.460"/88.0mm	5
1.8L 1795 CC SOHC 8V L4 G62B	1983-1988	3.170"/81.0mm x 3.460"/88.0mm	7



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ENGINE	YEAR	BORE & STROKE	BLOCK
1.8L 1834 CC 112 CID SOHC 16V L4 4G93	1992-2002	3.190"/81.0mm x 3.500"/88.8mm	8
2.0L 1997 CC 122 CID SOHC 8V L4 G63B	1983-1989	3.350"/85.0mm x 3.460"/88.0mm	9
2.0L 1997 CC 122 CID SOHC 8V L4	1989-1992	3.350"/85.0mm x 3.460"/88.0mm	11
2.0L 1997 CC 122 CID SOHC 8V L4	1993	3.350"/85.0mm x 3.460"/88.0mm	10
2.0L 1997 CC 122 CID DOHC 16V L4	1989-1992	3.350"/85.0mm x 3.460"/88.0mm	11
2.0L 1997 CC 122 CID SOHC 16V L4	1993	3.350"/85.0mm x 3.460"/88.0mm	10
2.0L 1997 CC 122 CID DOHC 16V L4	1993-1994	3.350"/85.0mm x 3.460"/88.0mm	10
2.0L 1997 CC 122 CID DOHC 16V L4 4G63	1995-1998	3.350"/85.0mm x 3.460"/88.0mm	12
2.0L 1997 CC 122 CID DOHC 16V L4 4G63T	1999	3.350"/85.0mm x 3.460"/88.0mm	13
2.0L 1998 CC 122 CID DOHC 16V L4 4B11; MIVEC	2008-2009	3.400"/86.0mm x 3.400"/86.0mm	14
2.0L 1998 CC 122 CID DOHC 16V L4 4B11; MIVEC	2008-2012	3.400"/86.0mm x 3.400"/86.0mm	15
2.0L 1998 CC 122 CID DOHC 16V L4 4B11; MIVEC	2008-2012	3.400"/86.0mm x 3.400"/86.0mm	16
2.0L 1997 CC 122 CID DOHC 16V L4 CHRYSLER	1995	3.440"/87.5mm x 3.270"/83.0mm	17
2.0L 1997 CC 122 CID DOHC 16V L4 CHRYSLER 420A	1996-1999	3.440"/87.5mm x 3.270"/83.0mm	18
2.3L 2346 CC 143 CID SOHC 8V L4	1983-1985	3.580"/90.9mm x 3.530"/89.9mm	19
2.4L 2351 CC SOHC 8V L4	1985-1988	3.410"/86.5mm x 3.940"/100.0mm	9
2.4L 2351 CC SOHC 8V L4 4G64	1989-1996	3.410"/86.5mm x 3.940"/100.0mm	10
2.4L 2351 CC SOHC 16V L4	1993-1994	3.410"/86.5mm x 3.940"/100.0mm	20
2.4L 2351 CC SOHC 16V L4 4G64	1993-2005	3.410"/86.5mm x 3.940"/100.0mm	22
2.4L 2351 CC DOHC 16V L4 4G64	1994	3.410"/86.5mm x 3.940"/100.0mm	23
2.4L 2351 CC SOHC 16V L4 4G64	1999-2003	3.410"/86.5mm x 3.940"/100.0mm	21
2.4L 2378 CC SOHC 16V L4 4G69	2007-2011	3.420"/87.0mm x 3.940"/100.0mm	24
2.4L 2360 CC 144 CID DOHC 16V L4 4B12; MIVEC	2008-2011	3.500"/88.0mm x 3.800"/97.0mm	26
2.4L 2360 CC 144 CID DOHC 16V L4 4B12; MIVEC	2009	3.500"/88.0mm x 3.800"/97.0mm	25
2.6L 2555 CC 156 CID SOHC 8V L4	1983-1987	3.590"/91.1mm x 3.860"/98.0mm	27
2.6L 2555 CC 156 CID SOHC 8V L4	1983-1989	3.590"/91.1mm x 3.860"/98.0mm	29
2.6L 2555 CC 156 CID SOHC 8V L4	1985-1989	3.590"/91.1mm x 3.860"/98.0mm	28
3.0L 2972 CC 181 CID SOHC 12V V6	1989-1990	3.500"/89.0mm x 3.940"/100.0mm	30
3.0L 2972 CC 181 CID SOHC 12V V6 6G72, 6G72T	1988-1999	3.590"/91.1mm x 2.990"/76.0mm	31
3.0L 2972 CC 181 CID SOHC 12V V6 6G72	1993-1999	3.590"/91.1mm x 2.990"/76.0mm	30
3.0L 2972 CC 181 CID DOHC 24V V6 6G72-T	1991-1992	3.590"/91.1mm x 2.990"/76.0mm	30
3.0L 2972 CC 181 CID SOHC 24V V6 6G72	1995-2005	3.590"/91.1mm x 2.990"/76.0mm	31
3.0L 2972 CC 181 CID DOHC 24V V6 6G72-T	1993-1998	3.590"/91.1mm x 2.990"/76.0mm	31
3.5L 3497 CC 215 CID DOHC 24V V6	1994-1996	3.660"/93.0mm x 3.370"/85.5mm	32
3.5L 3497 CC 215 CID SOHC 24V V6 6G74	1997-2004	3.660"/93.0mm x 3.370"/85.5mm	32
3.7L 226 CID SOHC 12V V6 CHRYSLER; Magnum	2006-2009	3.660"/93.0mm x 3.570"/90.7mm	33
4.7L 285 CID SOHC 16V V8 CHRYSLER; Magnum	2006-2007	3.660"/93.0mm x 3.410"/86.5mm	34

MODEL	ENGINE	YEAR	BLOCK
3000GT	3.0L 2972 CC 181 CID DOHC 24V V6	1991-1992	30
3000GT	3.0L 2972 CC 181 CID DOHC 24V V6	1993-1998	31
3000GT	3.0L 2972 CC 181 CID SOHC 12V V6	1993-1999	31
Cordia	1.8L 1795 CC SOHC 8V L4	1983	6
Cordia	1.8L 1795 CC SOHC 8V L4	1984-1988	5
Cordia	2.0L 1997 CC 122 CID SOHC 8V L4	1984-1988	9
Diamante	3.0L 2972 CC 181 CID SOHC 12V V6	1992-1996	31
Diamante	3.5L 3497 CC 215 CID SOHC 24V V6	1997-2004	32



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MODEL	ENGINE	YEAR	BLOCK
Eclipse	2.4L 2351 CC SOHC 16V L4	1996-2005	22
Eclipse	2.4L 2351 CC SOHC 16V L4	1999	21
Eclipse	1.8L 1755 CC 107 CID SOHC 8V L4	1990-1994	3
Eclipse	2.0L 1997 CC 122 CID DOHC 16V L4	1990-1992	11
Eclipse	2.0L 1997 CC 122 CID DOHC 16V L4	1993-1994	10
Eclipse	2.0L 1997 CC 122 CID DOHC 16V L4 CHRYSLER	1995	17
Eclipse	2.0L 1997 CC 122 CID DOHC 16V L4	1995-1998	12
Eclipse	2.0L 1997 CC 122 CID DOHC 16V L4 CHRYSLER	1996-1999	18
Eclipse	2.0L 1997 CC 122 CID DOHC 16V L4	1999	13
Eclipse	3.0L 2972 CC 181 CID SOHC 24V V6	2000-2005	31
Expo	2.4L 2351 CC SOHC 8V L4	1992	10
Expo	2.4L 2351 CC SOHC 16V L4	1993-1995	22
Expo LRV	2.4L 2351 CC SOHC 16V L4	1993-1994	20
Expo LRV	1.8L 1834 CC 112 CID SOHC 16V L4	1992-1994	8
Galant	2.4L 2351 CC SOHC 8V L4	1985-1987	9
Galant	2.4L 2351 CC DOHC 16V L4	1994	23
Galant	2.4L 2351 CC SOHC 16V L4	1994-2003	22
Galant	2.4L 2351 CC SOHC 16V L4	1999	21
Galant	2.4L 2378 CC SOHC 16V L4	2007-2011	24
Galant	2.0L 1997 CC 122 CID DOHC 16V L4	1989-1992	11
Galant	2.0L 1997 CC 122 CID SOHC 8V L4	1989-1992	11
Galant	2.0L 1997 CC 122 CID SOHC 16V L4	1993	10
Galant	2.0L 1997 CC 122 CID SOHC 8V L4	1993	10
Galant	3.0L 2972 CC 181 CID SOHC 12V V6	1988	31
Galant	3.0L 2972 CC 181 CID SOHC 24V V6	1999-2003	31
Lancer	2.0L 1998 CC 122 CID DOHC 16V L4; MIVEC	2008-2009	14
Lancer	2.0L 1998 CC 122 CID DOHC 16V L4; MIVEC	2008-2012	15
Lancer	2.0L 1998 CC 122 CID DOHC 16V L4; MIVEC	2008-2012	16
Lancer	2.4L 2360 CC 144 CID DOHC 16V L4; MIVEC	2009	25
Lancer	2.4L 2360 CC 144 CID DOHC 16V L4; MIVEC	2009-2011	26
Mighty Max	2.4L 2351 CC SOHC 8V L4	1990-1996	10
Mighty Max	2.0L 1997 CC 122 CID SOHC 8V L4	1983-1989	9
Mighty Max	2.3L 2346 CC 143 CID SOHC 8V L4	1983-1985	19
Mighty Max	2.6L 2555 CC 156 CID SOHC 8V L4	1983-1989	29
Mighty Max	3.0L 2972 CC 181 CID SOHC 12V V6	1990-1992	31
Mighty Max	3.0L 2972 CC 181 CID SOHC 12V V6	1993-1994	30
Mirage	1.5L 1468 CC 90 CID SOHC 8V L4	1985-1988	2
Mirage	1.5L 1468 CC 90 CID SOHC 8V L4	1989-1990	1
Mirage	1.5L 1468 CC 90 CID SOHC 12V L4	1991-2002	1
Mirage	1.6L 1597 CC 98 CID SOHC 8V L4	1985-1988	3
Mirage	1.6L 1597 CC 98 CID DOHC 16V L4	1989	3
Mirage	1.6L 1597 CC 98 CID DOHC 16V L4	1991-1992	4
Mirage	1.8L 1834 CC 112 CID SOHC 16V L4	1993-2002	8
Montero	2.6L 2555 CC 156 CID SOHC 8V L4	1983-1989	29
Montero	3.0L 2972 CC 181 CID SOHC 12V V6	1989-1992	31
Montero	3.0L 2972 CC 181 CID SOHC 12V V6	1993-1994	30
Montero	3.0L 2972 CC 181 CID SOHC 24V V6	1995-1996	31
Montero	3.5L 3497 CC 215 CID DOHC 24V V6	1994-1996	32
Montero	3.5L 3497 CC 215 CID SOHC 24V V6	1997-2002	32
Montero Sport	2.4L 2351 CC SOHC 16V L4	1997-1998	22

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MODEL	ENGINE	YEAR	BLOCK
Montero Sport	2.4L 2351 CC SOHC 16V L4	1999	21
Montero Sport	3.0L 2972 CC 181 CID SOHC 24V V6	1997-2003	31
Montero Sport	3.0L 2972 CC 181 CID SOHC 12V V6	1999	30
Montero Sport	3.5L 3497 CC 215 CID SOHC 24V V6	1999-2004	32
Outlander	2.4L 2351 CC SOHC 16V L4	2003	21
Outlander	2.4L 2360 CC 144 CID DOHC 16V L4; MIVEC	2008-2011	26
Outlander	2.4L 2360 CC 144 CID DOHC 16V L4; MIVEC	2009	25
Outlander Sport	2.0L 1998 CC 122 CID DOHC 16V L4; MIVEC	2011-2012	16
Precis	1.5L 1468 CC SOHC 8V L4	1987-1989	2
Precis	1.5L 1468 CC SOHC 8V L4	1990-1994	1
Raider	3.7L 226 CID SOHC 12V V6 CHRYSLER; Magnum	2006-2009	33
Raider	4.7L 285 CID SOHC 16V V8 CHRYSLER; Magnum	2006-2007	34
RVR	2.0L 1998 CC 122 CID DOHC 16V L4; MIVEC	2011-2012	16
Sigma	3.0L 2972 CC 181 CID SOHC 12V V6	1989-1990	30
Starion	2.6L 2555 CC 156 CID SOHC 8V L4	1983-1987	27
Starion	2.6L 2555 CC 156 CID SOHC 8V L4	1985-1989	28
Tredia	1.8L 1795 CC SOHC 8V L4	1983-1988	7
Tredia	2.0L 1997 CC 122 CID SOHC 8V L4	1984-1988	9
Van	2.4L 2351 CC SOHC 8V L4	1987-1988	9
Van	2.4L 2351 CC SOHC 8V L4	1989-1990	10

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1.5L 1468 CC SOHC 8V L4 MITSUBISHI						2.970"/75.5mm x 3.230"/82.0mm	1
	VIN Code: 'J' (1990-1994)							
	1.5L 1468 CC 90 CID SOHC 8V L4 MITSUBISHI						2.970"/75.5mm x 3.230"/82.0mm	
	VIN Code: 'X' (1989-1990)							
	1.5L 1468 CC 90 CID SOHC 12V L4 MITSUBISHI 4G15						2.970"/75.5mm x 3.230"/82.0mm	
	VIN Code: 'A' (1991-1998, 2000-2002)							
Connecting Rod Bearing Pair (4)	AL-3	CB-1588AL	STD, .25mm, .50mm	1.6527/1.6535	0.0011/0.0035	0.0588	1.7717/1.7725	0.6100
Main Bearing Set	TM-1	MS-1668P	STD, .25mm					
1-2-4-5		MB-3049P		1.8890/1.8898	0.0011/0.0034	0.0783	2.0472/2.0480	0.7520
3		MB-3050P(F)		1.8890/1.8898	0.0011/0.0034	0.0793	2.0472/2.0480	0.9430
2	1.5L 1468 CC SOHC 8V L4 MITSUBISHI						2.970"/75.5mm x 3.230"/82.0mm	2
	VIN Code: 'J' (1987-1989)							
	1.5L 1468 CC 90 CID SOHC 8V L4 MITSUBISHI						2.970"/75.5mm x 3.230"/82.0mm	
	VIN Code: 'K' (1985-1988)							
Connecting Rod Bearing Pair (4)	AL-3	CB-1278AL-.25mm		1.6527/1.6535	0.0011/0.0035	0.0588	1.7717/1.7725	0.6940
Main Bearing Set	TM-1	MS-1668P	STD, .25mm					
1-2-4-5		MB-3049P		1.8890/1.8898	0.0011/0.0034	0.0783	2.0472/2.0480	0.7520
3		MB-3050P(F)		1.8890/1.8898	0.0011/0.0034	0.0793	2.0472/2.0480	0.9430



MITSUBISHI

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				4 CYL (cont.)					
3	1.6L 1597 CC 98 CID SOHC 8V L4 MITSUBISHI VIN Code: 'F' (1985-1988)			3.030"/76.9mm x 3.390"/86.0mm					3
	1.6L 1597 CC 98 CID DOHC 16V L4 MITSUBISHI VIN Code: 'Z' (1989)			3.030"/76.9mm x 3.390"/86.0mm					
	1.8L 1755 CC 107 CID SOHC 8V L4 MITSUBISHI VIN Codes: 'B' (1993-1994), 'T' (1990-1992)			3.170"/80.6mm x 3.390"/86.0mm					
Connecting Rod Bearing Pair (4)	AL-3	CB-1120A	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250	
Connecting Rod Bearing Set	AL-3	CB-1120A(4)	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250	
Main Bearing Set 1-2-4-5	AL-5	MS-2076A MB-2869A	STD, .25mm, .50mm	2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.9060	
3		MB-3572A(F)		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.1400	
Main Bearing Set	AL-5	MS-2322AL25mm	STD						
NOTE: O/S Flange for MS2076A									
4	1.6L 1597 CC 98 CID DOHC 16V L4 MITSUBISHI VIN Code: 'Y' (1991-1992)			3.030"/76.9mm x 3.390"/86.0mm					4
Connecting Rod Bearing Pair (4)	AL-3	CB-1120A	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250	
Connecting Rod Bearing Set	AL-3	CB-1120A(4)	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250	
Main Bearing Set 1-2-4-5	AL-5	MS-2076A MB-2869A	STD, .25mm, .50mm	2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.9060	
3		MB-3572A(F)		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.1400	
Main Bearing Set	AL-5	MS-2322AL25mm	STD						
NOTE: O/S Flange for MS2076A									
Balance Shaft Bearing Set	AL-3	SH-1465S	STD						
"RH		SH-1465		1.5344	0.0008/0.0030	0.0593	1.6545	0.7580	
"RH		SH-1466		1.4164	0.0017/0.0039	0.0589	1.5364	0.6300	
5	1.8L 1795 CC SOHC 8V L4 MITSUBISHI VIN Code: 'G' (1984-1988)			3.170"/81.0mm x 3.460"/88.0mm					5
Connecting Rod Bearing Pair (4)	AL-3	CB-1120A	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250	
Connecting Rod Bearing Set	AL-3	CB-1120A(4)	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250	
Main Bearing Set 1-2-4-5	AL-5	MS-2076A MB-2869A	STD, .25mm, .50mm	2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.9060	
3		MB-3572A(F)		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.1400	
For Years: 1984 - 1986									
6	1.8L 1795 CC SOHC 8V L4 MITSUBISHI VIN Code: '4' (1983)			3.170"/81.0mm x 3.460"/88.0mm					6
Connecting Rod Bearing Pair (4)	AL-3	CB-1120A	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250	
Connecting Rod Bearing Set	AL-3	CB-1120A(4)	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250	
7	1.8L 1795 CC SOHC 8V L4 MITSUBISHI G62B VIN Codes: '4' (1983), 'G' (1984-1988)			3.170"/81.0mm x 3.460"/88.0mm					7
Connecting Rod Bearing Pair (4)	AL-3	CB-1120A	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250	
Connecting Rod Bearing Set	AL-3	CB-1120A(4)	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250	



MITSUBISHI

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
7 (cont.)	1.8L 1795 CC SOHC 8V L4 MITSUBISHI G62B VIN Codes: '4' (1983), 'G' (1984-1988)			3.170"/81.0mm x 3.460"/88.0mm				7 (cont.)
Main Bearing Set 1-2-4-5 3	AL-5	MS-2076A MB-2869A MB-3572A(F)	STD, .25mm, .50mm	2.2435/2.2441 2.2435/2.2441	0.0008/0.0032 0.0008/0.0032	0.0783	2.4016/2.4024 2.4016/2.4024	0.9060 1.1400
Main Bearing Set	AL-5	MS-2322AL25mm	STD					
NOTE: O/S Flange for MS2076A								
Camshaft Bearing Set "RH "RH	AL-3	SH-1467S SH-1467 SH-1468	STD	1.6526 1.6129	0.0010/0.0031 0.0010/0.0031	0.0593	1.7726 1.7333	0.7480 0.8268
NOTE: Full Round Bearing								
8	1.8L 1834 CC 112 CID SOHC 16V L4 MITSUBISHI 4G93 VIN Codes: 'C' (1993-1998, 2000-2002), 'D' (1992)			3.190"/81.0mm x 3.500"/88.8mm				8
Connecting Rod Bearing Pair (4)	AL-3	CB-1782AL	STD, .25mm, .50mm	44.9809/45.0012	0.0008/0.0034	0.0588	1.8896/1.8904	0.6614
Main Bearing Set 1-2-3-4-5	AL-3	MS-2213AL MB-3767AL	STD	1.9679/1.9685	0.0008/0.0031	0.0785	2.1260/2.1267	0.7531
9	2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI G63B VIN Codes: '5' (1983), 'D' (1984-1989) 2.4L 2351 CC SOHC 8V L4 MITSUBISHI VIN Code: 'L' (1985-1988)			3.350"/85.0mm x 3.460"/88.0mm 3.410"/86.5mm x 3.940"/100.0mm				9
Connecting Rod Bearing Pair (4)	AL-3	CB-1120A	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Connecting Rod Bearing Set	AL-3	CB-1120A(4)	STD, .25mm, .50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250
Main Bearing Set 1-2-4-5 3	AL-5	MS-2076A MB-2869A MB-3572A(F)	STD, .25mm, .50mm	2.2435/2.2441 2.2435/2.2441	0.0008/0.0032 0.0008/0.0032	0.0783	2.4016/2.4024 2.4016/2.4024	0.9060 1.1400
Main Bearing Set	AL-5	MS-2322AL25mm	STD					
NOTE: O/S Flange for MS2076A								
Camshaft Bearing Set "RH "RH	AL-3	SH-1467S SH-1467 SH-1468	STD	1.6526 1.6129	0.0010/0.0031 0.0010/0.0031	0.0593	1.7726 1.7333	0.7480 0.8268
For Years: 1983 - 1985								
NOTE: thru 7/85, Full Round Bearing								
Balance Shaft Bearing Set "LH "RH "RH	AL-3	SH-1469S SH-1468 SH-1467 SH-1469	STD	1.6129 1.6526 1.6129	0.0010/0.0031 0.0010/0.0031 0.0010/0.0031	0.0589	1.7333 1.7726 1.7333	0.8268 0.7480 0.8268
NOTE: From 8/85								



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				4 CYL (cont.)					
10	2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI VIN Code: 'D' (1993)			3.350"/85.0mm x 3.460"/88.0mm					10
	2.0L 1997 CC 122 CID DOHC 16V L4 MITSUBISHI VIN Codes: 'E' (1993-1994), 'F' (1993-1994)			3.350"/85.0mm x 3.460"/88.0mm					
	2.0L 1997 CC 122 CID SOHC 16V L4 MITSUBISHI VIN Code: 'D' (1993)			3.350"/85.0mm x 3.460"/88.0mm					
	2.4L 2351 CC SOHC 8V L4 MITSUBISHI 4G64 VIN Codes: 'G' (1995-1996), 'W' (1989-1992)			3.410"/86.5mm x 3.940"/100.0mm					
Connecting Rod Bearing Pair (4)	TM-77	CB-1643P	STD,.25mm,.50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010	
Main Bearing Set 1-2-4-5 3	TM-1	MS-2039P MB-3504P MB-3505P(F)	STD,.25mm,.50mm	2.2435/2.2441 2.2435/2.2441	0.0008/0.0032 0.0008/0.0032	0.0783	2.4016/2.4024	0.8050 1.0040	
NOTE: From 4/92									
Balance Shaft Bearing Set	AL-3	SH-1469S	STD						
"LH		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268	
"RH		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480	
"RH		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268	
For Years: 1990 - 1996									
11	2.0L 1997 CC 122 CID SOHC 8V L4 MITSUBISHI VIN Code: 'V' (1989-1992)			3.350"/85.0mm x 3.460"/88.0mm					11
	2.0L 1997 CC 122 CID DOHC 16V L4 MITSUBISHI VIN Codes: 'R' (1989-1992), 'U' (1990-1992)			3.350"/85.0mm x 3.460"/88.0mm					
Connecting Rod Bearing Pair (4)	AL-3	CB-1120A	STD,.25mm,.50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250	
NOTE: Thru 3/92									
Connecting Rod Bearing Pair (4)	TM-77	CB-1643P	STD,.25mm,.50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010	
For Year: 1992									
NOTE: From 4/92									
Connecting Rod Bearing Set	AL-3	CB-1120A(4)	STD,.25mm,.50mm, .75mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.9250	
NOTE: Thru 3/92									
Main Bearing Set 1-2-4-5 3	AL-5	MS-2076A MB-2869A MB-3572A(F)	STD,.25mm,.50mm	2.2435/2.2441 2.2435/2.2441	0.0008/0.0032 0.0008/0.0032	0.0783	2.4016/2.4024	0.9060 1.1400	
NOTE: Thru 3/92									
Main Bearing Set	AL-5	MS-2322AL25mm	STD						
NOTE: Thru 3/92, O/S Flange for MS2076A									
Main Bearing Set 1-2-4-5 3	TM-1	MS-2039P MB-3504P MB-3505P(F)	STD,.25mm,.50mm	2.2435/2.2441 2.2435/2.2441	0.0008/0.0032 0.0008/0.0032	0.0783	2.4016/2.4024	0.8050 1.0040	
For Year: 1992									
NOTE: From 4/92									
Balance Shaft Bearing Set	AL-3	SH-1469S	STD						
"LH		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268	
"RH		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480	
"RH		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268	



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
12	2.0L 1997 CC 122 CID DOHC 16V L4 MITSUBISHI 4G63			3.350"/85.0mm x 3.460"/88.0mm				12
	VIN Code: 'F' (1995-1998)							
Connecting Rod Bearing Pair (4) For Year: 1995	AL-3	CB-1635A	STD.,25mm,.50mm, .75mm	1.8894/1.8900	0.0010/0.0023	0.0584	2.0075/2.0081	0.8060
Connecting Rod Bearing Pair (4) For Years: 1996 - 1998	TM-77	CB-1643P	STD.,25mm,.50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010
Connecting Rod Bearing Set For Year: 1995	AL-3	CB-1635A(4)	STD.,25mm,.50mm, .75mm	1.8894/1.8900	0.0010/0.0023	0.0584	2.0075/2.0081	0.8060
Main Bearing Set 1-2-4-5 3 For Year: 1995 NOTE: Bearing Caps May Require Notching	AL-5	MS-2028A MB-4001A MB-4000A(F)	STD.,25mm,.50mm	2.0470/2.0480 2.0469/2.0475	0.0010/0.0024 0.0008/0.0024	0.0782 0.0784	2.2050/2.2050 2.2046/2.2050	0.7860 1.0340
Main Bearing Set 1-2-4-5 3 For Years: 1996 - 1998	TM-1	MS-2039P MB-3504P MB-3505P(F)	STD.,25mm,.50mm	2.2435/2.2441 2.2435/2.2441	0.0008/0.0032 0.0008/0.0032	0.0783	2.4016/2.4024	0.8050 1.0040
13	2.0L 1997 CC 122 CID DOHC 16V L4 MITSUBISHI 4G63T			3.350"/85.0mm x 3.460"/88.0mm				13
	VIN Code: 'F' (1999)							
Connecting Rod Bearing Pair (4)	TM-77	CB-1643P	STD.,25mm,.50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010
Main Bearing Set 1-2-3-4-5 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-677S	TM-1	MS-2261P MB-3504P	STD.,25mm	2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.8050
Balance Shaft Bearing Set "LH" "RH" "RH"	AL-3	SH-1469S SH-1468 SH-1467 SH-1469	STD	1.6129 1.6526 1.6129	0.0010/0.0031 0.0010/0.0031 0.0010/0.0031	0.0589 0.0593 0.0589	1.7333 1.7726 1.7333	0.8268 0.7480 0.8268
14	2.0L 1998 CC 122 CID DOHC 16V L4 MITSUBISHI 4B11; MIVEC			3.400"/86.0mm x 3.400"/86.0mm				14
	(2008-2009)							
Connecting Rod Bearing Pair (4)	AL-5	CB-1909A	STD.,25mm,.50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
Thrust Washer Set NOTE: Position Number 2, Use With Part Number MS-2299		TW-694S	STD					
Camshaft Bearing	B-1	SH-2163	STD					
15	2.0L 1998 CC 122 CID DOHC 16V L4 MITSUBISHI 4B11; MIVEC			3.400"/86.0mm x 3.400"/86.0mm				15
	VIN Code: 'V' (2008-2012)							
Connecting Rod Bearing Pair (4) For Years: 2008 - 2011	AL-5	CB-1909A	STD.,25mm,.50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
Connecting Rod Bearing Set For Years: 2008 - 2011	AL-5	CB-1909A(4)	STD.,25mm,.50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
Thrust Washer Set For Years: 2008 - 2010 NOTE: Position Number 2, Use With Part Number MS-2299		TW-694S	STD					
Camshaft Bearing	B-1	SH-2163	STD					



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
16	2.0L 1998 CC 122 CID DOHC 16V L4 MITSUBISHI 4B11; MIVEC VIN Code: 'U' (2008-2012)			3.400"/86.0mm x 3.400"/86.0mm			16	
Connecting Rod Bearing Pair (4) For Years: 2008 - 2011	AL-5	CB-1909A	STD,.25mm,.50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
Connecting Rod Bearing Set For Years: 2008 - 2011	AL-5	CB-1909A(4)	STD,.25mm,.50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
Main Bearing Set 1-2-3-4-5 For Years: 2008 - 2011 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-694S	AL-5	MS-2299A MB-3946A	STD,.25mm,.50mm	2.0461/2.0467	0.0006/0.0025	0.0787	2.2047/2.2054	0.7150
Thrust Washer Set For Years: 2008 - 2011 NOTE: Position Number 2,Use With Part Number MS-2299		TW-694S	STD					
Camshaft Bearing	B-1	SH-2163	STD					
17	2.0L 1997 CC 122 CID DOHC 16V L4 CHRYSLER VIN Code: 'Y' (1995)			3.440"/87.5mm x 3.270"/83.0mm			17	
Connecting Rod Bearing Pair (4)	AL-3	CB-1635A	STD,.25mm,.50mm,.75mm	1.8894/1.8900	0.0010/0.0023	0.0584	2.0075/2.0081	0.8060
Connecting Rod Bearing Set	AL-3	CB-1635A-.25mm(4)	.50mm,.75mm	1.8894/1.8900	0.0010/0.0023	0.0584	2.0075/2.0081	0.8060
Main Bearing Set 1-2-4-5 3 NOTE: Bearing Caps May Require Notching	AL-5	MS-2028A MB-4001A MB-4000A(F)	STD,.25mm,.50mm	2.0470/2.0480 2.0469/2.0475	0.0010/0.0024 0.0008/0.0024	0.0782 0.0784	2.2050/2.2050 2.2046/2.2050	0.7860 1.0340
18	2.0L 1997 CC 122 CID DOHC 16V L4 CHRYSLER 420A VIN Code: 'Y' (1996-1999)			3.440"/87.5mm x 3.270"/83.0mm			18	
Connecting Rod Bearing Pair (4)	AL-3	CB-1635A	STD,.25mm,.50mm,.75mm	1.8894/1.8900	0.0010/0.0023	0.0584	2.0075/2.0081	0.8060
Connecting Rod Bearing Set For Year: 1999	AL-3	CB-1635A(4)	STD,.25mm,.50mm,.75mm	1.8894/1.8900	0.0010/0.0023	0.0584	2.0075/2.0081	0.8060
Main Bearing Set 1-2-4-5 3 NOTE: Bearing Caps May Require Notching	AL-5	MS-2028A MB-4001A MB-4000A(F)	STD,.25mm,.50mm	2.0470/2.0480 2.0469/2.0475	0.0010/0.0024 0.0008/0.0024	0.0782 0.0784	2.2050/2.2050 2.2046/2.2050	0.7860 1.0340
19	2.3L 2346 CC 143 CID SOHC 8V L4 MITSUBISHI VIN Codes: '9' (1983), 'J' (1984-1985)			3.580"/90.9mm x 3.530"/89.9mm			19	
Connecting Rod Bearing Pair (4)	AL-3	CB-1220A	STD,.25mm,.50mm,.75mm,1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
Connecting Rod Bearing Set	AL-3	CB-1220A(4)	STD,.25mm,.50mm,.75mm,1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
20	2.4L 2351 CC SOHC 16V L4 MITSUBISHI VIN Code: 'G' (1993-1994)			3.410"/86.5mm x 3.940"/100.0mm			20	
Connecting Rod Bearing Pair (4)	TM-77	CB-1643P	STD,.25mm,.50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010
Main Bearing Set 1-2-4-5 3	TM-1	MS-2039P MB-3504P MB-3505P(F)	STD,.25mm,.50mm	2.2435/2.2441 2.2435/2.2441	0.0008/0.0032 0.0008/0.0032	0.0783	2.4016/2.4024 2.4016/2.4024	0.8050 1.0040



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
21	2.4L 2351 CC SOHC 16V L4 MITSUBISHI 4G64 (1999-2003)			3.410"/86.5mm x 3.940"/100.0mm				21
Connecting Rod Bearing Pair (4)	TM-77	CB-1643P	STD, .25mm, .50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010
Main Bearing Set 1-2-3-4-5	TM-1	MS-2261P MB-3504P	STD, .25mm	2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.8050
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-677S								
Thrust Washer Set		TW-677S MB-3854W	STD	2.4842/2.4941			3.1693/3.1791	0.0830
NOTE: Position Number 3, Use With Part Number MS-2261								
Balance Shaft Bearing Set	AL-3	SH-1469S	STD					
"LH		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
"RH		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480
"RH		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
22	2.4L 2351 CC SOHC 16V L4 MITSUBISHI 4G64 VIN Code: 'G' (1996-1998, 2000-2005)			3.410"/86.5mm x 3.940"/100.0mm				22
Connecting Rod Bearing Pair (4)	TM-77	CB-1643P	STD, .25mm, .50mm	1.7710/1.7717	0.0006/0.0030	0.0588	1.8897/1.8905	0.8010
For Years: 1993 - 2003								
NOTE: Thru 4/97								
Main Bearing Set 1-2-4-5	TM-1	MS-2039P MB-3504P	STD, .25mm, .50mm	2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.8050
3		MB-3505P(F)		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.0040
For Years: 1993 - 1997								
NOTE: Thru 4/97								
Main Bearing Set 1-2-3-4-5	TM-1	MS-2261P MB-3504P	STD, .25mm	2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.8050
For Years: 1997 - 2005								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-677S								
Thrust Washer Set		TW-677S MB-3854W	STD	2.4842/2.4941			3.1693/3.1791	0.0830
For Years: 1997 - 2005								
NOTE: Position Number 3, Use With Part Number MS-2261								
Balance Shaft Bearing Set	AL-3	SH-1469S	STD					
"LH		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
"RH		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480
"RH		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
23	2.4L 2351 CC DOHC 16V L4 MITSUBISHI 4G64 (1994)			3.410"/86.5mm x 3.940"/100.0mm				23
Main Bearing Set 1-2-4-5	TM-1	MS-2039P MB-3504P	STD, .25mm, .50mm	2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	0.8050
3		MB-3505P(F)		2.2435/2.2441	0.0008/0.0032	0.0783	2.4016/2.4024	1.0040
Balance Shaft Bearing Set	AL-3	SH-1469S	STD					
"LH		SH-1468		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268
"RH		SH-1467		1.6526	0.0010/0.0031	0.0593	1.7726	0.7480
"RH		SH-1469		1.6129	0.0010/0.0031	0.0589	1.7333	0.8268



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
24	2.4L 2378 CC SOHC 16V L4 MITSUBISHI 4G69 VIN Code: 'F' (2007-2011)			3.420"/87.0mm x 3.940"/100.0mm				24
Camshaft Bearing	B-1	SH-2163	STD					
25	2.4L 2360 CC 144 CID DOHC 16V L4 MITSUBISHI 4B12; MIVEC (2009)			3.500"/88.0mm x 3.800"/97.0mm				25
Connecting Rod Bearing Pair (4)	AL-5	CB-1909A	STD,.25mm,.50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
Connecting Rod Bearing Set	AL-5	CB-1909A(4)	STD,.25mm,.50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
Thrust Washer Set		TW-694S	STD					
NOTE: Position Number 2,Use With Part Number MS-2299								
26	2.4L 2360 CC 144 CID DOHC 16V L4 MITSUBISHI 4B12; MIVEC VIN Code: 'W' (2008-2011)			3.500"/88.0mm x 3.800"/97.0mm				26
Connecting Rod Bearing Pair (4)	AL-5	CB-1909A	STD,.25mm,.50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
Connecting Rod Bearing Set	AL-5	CB-1909A(4)	STD,.25mm,.50mm	1.8879/1.8886	0.0008/0.0027	0.0592	2.0078/2.0084	0.6900
Main Bearing Set 1-2-3-4-5	AL-5	MS-2299A MB-3946A	STD,.25mm,.50mm	2.0461/2.0467	0.0006/0.0025	0.0787	2.2047/2.2054	0.7150
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-694S								
Thrust Washer Set		TW-694S	STD					
NOTE: Position Number 2,Use With Part Number MS-2299								
27	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI VIN Codes: '7' (1983), 'H' (1984-1987)			3.590"/91.1mm x 3.860"/98.0mm				27
Connecting Rod Bearing Pair (4)	AL-3	CB-1220A	STD,1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
Main Bearing Set (6)	AL-3	MS-1945A MB-3053AL	STD,.25mm,.50mm	2.3614/2.3622	0.0011/0.0037	0.0783	2.5197/2.5205	0.9890
28	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI VIN Code: 'N' (1985-1989)			3.590"/91.1mm x 3.860"/98.0mm				28
Connecting Rod Bearing Pair (4)	AL-3	CB-1220A	STD,.25mm,.50mm, .75mm,1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
Connecting Rod Bearing Set	AL-3	CB-1220A(4)	STD,.25mm,.50mm, .75mm,1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
For Years: 1988 - 1989								
Main Bearing Set (6)	AL-3	MS-1945A MB-3053AL	STD,.25mm,.50mm	2.3614/2.3622	0.0011/0.0037	0.0783	2.5197/2.5205	0.9890
29	2.6L 2555 CC 156 CID SOHC 8V L4 MITSUBISHI VIN Codes: '7' (1983), 'E' (1984-1989)			3.590"/91.1mm x 3.860"/98.0mm				29
Connecting Rod Bearing Pair (4)	AL-3	CB-1220A	STD,.25mm,.50mm, .75mm,1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
Connecting Rod Bearing Set	AL-3	CB-1220A(4)	STD,.25mm,.50mm, .75mm,1.00mm	2.0858/2.0866	0.0005/0.0028	0.0590	2.2047/2.2055	0.9840
Main Bearing Set	AL-3	MS-1945A MB-3053AL	STD,.25mm,.50mm	2.3614/2.3622	0.0011/0.0037	0.0783	2.5197/2.5205	0.9890
Auxiliary Shaft Bearing Set	AL-3	SH-1429S	STD					
Left/Right Rear		SH-1429		1.6933/1.6939	0.0013/0.0037	0.0585	1.8122/1.8130	0.7950
Left Front		SH-1760		0.9039/0.9047	0.0008/0.0034	0.0593	1.0236/1.0244	0.7090



MITSUBISHI

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
30	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI			3.500"/89.0mm x 3.940"/100.0mm				30
	VIN Code: 'S' (1989-1990)							
	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI 6G72			3.590"/91.1mm x 2.990"/76.0mm				
	VIN Code: 'H' (1993-1994)							
	3.0L 2972 CC 181 CID DOHC 24V V6 MITSUBISHI 6G72-T			3.590"/91.1mm x 2.990"/76.0mm				
	VIN Codes: 'B' (1991-1992), 'C' (1991-1992)							
Connecting Rod Bearing Pair (6)	AL-5	CB-1411A	STD, .25mm, .50mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120
Connecting Rod Bearing Set	AL-5	CB-1411A(6)	STD, .25mm, .50mm, .75mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120
Main Bearing Set	AL-5	MS-2226A	STD, .25mm, .50mm, .75mm					
1-2-3-4		MB-3791A		2.3614/2.3622	0.0007/0.0034	0.0784	2.5197/2.5204	0.7210
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-458S								
Main Bearing Set	TM-77	MS-2226P	STD, .25mm, .50mm					
1-2-3-4		MB-3791P		2.3614/2.3622	0.0007/0.0034	0.0784	2.5197/2.5204	0.7120
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-458S								
31	3.0L 2972 CC 181 CID SOHC 12V V6 MITSUBISHI 6G72, 6G72T			3.590"/91.1mm x 2.990"/76.0mm				31
	VIN Codes: 'H' (1993-1999), 'J' (1993-1999), 'K' (1999), 'S' (1988-1994)							
	3.0L 2972 CC 181 CID SOHC 24V V6 MITSUBISHI 6G72			3.590"/91.1mm x 2.990"/76.0mm				
	VIN Codes: 'H' (1995-1996, 2001, 2003), 'L' (2000, 2002), 'P' (1997-1998)							
	3.0L 2972 CC 181 CID DOHC 24V V6 MITSUBISHI 6G72-T			3.590"/91.1mm x 2.990"/76.0mm				
	VIN Code: 'K' (1993-1998)							
Connecting Rod Bearing Pair (6)	AL-5	CB-1411A	STD, .25mm, .50mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120
For Years: 1988 - 2004								
Connecting Rod Bearing Set	AL-5	CB-1411A(6)	STD, .25mm, .50mm, .75mm	1.9677/1.9685	0.0009/0.0027	0.0587	2.0866/2.0868	0.6120
For Years: 1988 - 2004								
Main Bearing Set	AL-5	MS-2226A	STD, .25mm, .50mm, .75mm					
1-2-3-4		MB-3791A		2.3614/2.3622	0.0007/0.0034	0.0784	2.5197/2.5204	0.7210
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-458S								
Main Bearing Set	TM-77	MS-2226P	STD, .25mm, .50mm					
1-2-3-4		MB-3791P		2.3614/2.3622	0.0007/0.0034	0.0784	2.5197/2.5204	0.7120
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-458S								
Thrust Washer Set	TM-77	TW-458S	STD					
		MB-3108W(L)		2.5984/2.6083			3.0492/3.0594	0.0778
		MB-3108W(U)		2.5984/2.6083			3.0492/3.0594	0.0778
For Years: 1992 - 2003								



MITSUBISHI

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
32	3.5L 3497 CC 215 CID DOHC 24V V6 MITSUBISHI VIN Code: 'M' (1994-1996)			3.660"/93.0mm x 3.370"/85.5mm				32
	3.5L 3497 CC 215 CID SOHC 24V V6 MITSUBISHI 6G74 VIN Codes: 'P' (1997-1998, 2001-2004), 'R' (1997-1998, 2000-2004)			3.660"/93.0mm x 3.370"/85.5mm				
Connecting Rod Bearing Pair (6)	TM-1	CB-1832P	STD,.25mm,.50mm	2.1653	0.0020	0.0589	2.2842	0.6100
Main Bearing Set 1-2-3-4	TM-1	MS-2238P MB-3811P	STD,.25mm	2.5190/2.5197	0.0004/0.0023	0.0785	2.6772/2.6774	0.6740
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-617S								
Thrust Washer Set 3		TW-617S MB-3812W	STD	2.7598/2.7697			3.7106/3.7205	0.0770
33	3.7L 226 CID SOHC 12V V6 CHRYSLER; Magnum VIN Code: 'K' (2006-2009)			3.660"/93.0mm x 3.570"/90.7mm				33
Connecting Rod Bearing Pair (6)	AL-5	CB-1818A	STD,.25mm,.50mm	2.2794/2.2797	0.0010/0.0027	0.0645	2.4092/2.4096	0.6547
Connecting Rod Bearing Pair (6)	AL-5	CB-1819A-.25mm	.50mm	2.2794/2.2797	0.0010/0.0027	0.0655	2.4112/2.4116	0.6547
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1818A(6)	STD,.25mm,.50mm	2.2794/2.2797	0.0010/0.0027	0.0645	2.4092/2.4096	0.6547
Connecting Rod Bearing Set	AL-5	CB-1819A-.25mm(6)	.50mm	2.2794/2.2797	0.0010/0.0027	0.0655	2.4112/2.4116	0.6547
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set 1-2-3-4	AL-5	MS-2244A MB-3790A	STD,.25mm,.50mm	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-608S								
Main Bearing Set 1-2-3-4	AL-5	MS-2286A-.25mm	.50mm	2.4998/2.5002	0.0002/0.0013	0.0972	2.6947/2.6951	0.8120
NOTE: Engines With .002in Larger Main Housing Bore Diameter								
Thrust Washer Set	TM-77	TW-608S MB-3771W	STD	2.8010/2.8210			3.5890/3.6140	0.0980
Auxiliary Shaft Bearing Set	B-1	SH-1997S	STD					
Front		SH-1997		2.2042/2.2052	0.0020/0.0053	0.0728	2.3528/2.3539	0.7150
Rear		SH-1998		1.1412/1.1422	0.0020/0.0053	0.0728	1.2898/1.2909	0.7150
				8 CYL				
34	4.7L 285 CID SOHC 16V V8 CHRYSLER; Magnum VIN Code: 'N' (2006-2007)			3.660"/93.0mm x 3.410"/86.5mm				34
Connecting Rod Bearing Pair (8)	AL-5	CB-1854A	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0023	0.0586	2.1257/2.1262	0.6547
NOTE: Without Locating Tab								
Connecting Rod Bearing Pair (8)	AL-5	CB-1855A-.25mm	.50mm	2.0075/2.0082	0.0005/0.0023	0.0595	2.1277/2.1282	0.6550
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock Without Locating Tab								
Connecting Rod Bearing Pair (8)	TM-77	CB-1784P	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0025	0.0586	2.1257/2.1262	0.6547
NOTE: With Locating Tab								



MITSUBISHI

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
34 (cont.)	4.7L 285 CID SOHC 16V V8 CHRYSLER; Magnum VIN Code: 'N' (2006-2007)			3.660"/93.0mm x 3.410"/86.5mm			34 (cont.)	
Connecting Rod Bearing Set	AL-5	CB-1804A-.25mm(8)	.50mm	2.0075/2.0082	0.0004/0.0018	0.0596	2.1277/2.1282	0.6547
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock With Locating Tab								
Connecting Rod Bearing Set	AL-5	CB-1854A(8)	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0023	0.0586	2.1257/2.1262	0.6547
NOTE: Without Locating Tab								
Connecting Rod Bearing Set	AL-5	CB-1855A-.25mm(8)	.50mm	2.0075/2.0082	0.0005/0.0023	0.0595	2.1277/2.1282	0.6550
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock Without Locating Tab								
Connecting Rod Bearing Set	TM-77	CB-1784P(8)	STD,.25mm,.50mm	2.0075/2.0082	0.0008/0.0025	0.0586	2.1257/2.1262	0.6547
NOTE: With Locating Tab								
Main Bearing Set 1-2-3-4-5	AL-5	MS-2216A MB-3771A	STD,.25mm,.50mm	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6930	0.8120
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-608S								
Main Bearing Set 1-2-3-4-5	TM-77	MS-2242P MB-3790P	STD,.25mm,.50mm	2.4998/2.5002	0.0002/0.0013	0.0962	2.6927/2.6931	0.8120
Thrust Washer Set	TM-77	TW-608S MB-3771W	STD	2.8010/2.8210			3.5890/3.6140	0.0980

MORGAN

ENGINE	YEAR	BORE & STROKE	BLOCK
1.6L 1599 CC 98 CID OHV 8V L4 FORD; British	1969-1974	3.190"/81.0mm x 3.070"/78.0mm	1
1.6L 1599 CC 98 CID OHV 8V L4 FORD	1980-1981	3.190"/81.0mm x 3.060"/77.6mm	1

MODEL	ENGINE	YEAR	BLOCK
4/4	1.6L 1599 CC 98 CID OHV 8V L4 FORD; British	1969-1981	1



MORGAN

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
								4 CYL
1	1.6L 1599 CC 98 CID OHV 8V L4 FORD; British (1969-1974)						3.190"/81.0mm x 3.070"/78.0mm	1
	1.6L 1599 CC 98 CID OHV 8V L4 FORD (1980-1981)						3.190"/81.0mm x 3.060"/77.6mm	
	Camshaft Bearing Set	B-1 SH-711S	STD					
	1	SH-711		1.5597/1.5605	0.0010/0.0040	0.0638	1.6885/1.6895	0.8000
	2	SH-712		1.5597/1.5605	0.0010/0.0040	0.0638	1.6885/1.6895	0.6900
	3	SH-713		1.5597/1.5605	0.0010/0.0040	0.0638	1.6885/1.6895	0.8000

NISSAN

ENGINE	YEAR	BORE & STROKE	BLOCK
1.0L 988 CC 60 CID OHV 8V L4 A10	1958-1971	2.870"/73.0mm x 2.320"/59.0mm	1
1.2L 1171 CC OHV 8V L4 A12	1971-1979	2.870"/73.0mm x 2.760"/70.0mm	1
1.2L 1189 CC 73 CID OHV 8V L4 E1	1961-1965	2.870"/73.0mm x 2.800"/71.0mm	3
1.2L 1237 CC OHV 8V L4 A12	1970-1982	2.950"/75.0mm x 2.760"/70.0mm	2
1.3L 1288 CC 79 CID OHV 8V L4 A13	1972-1974	2.870"/73.0mm x 3.030"/77.0mm	2
1.3L 1299 CC 79 CID OHV 8V L4 J13	1963-1969	2.870"/73.0mm x 3.060"/77.6mm	4
1.4L 1393 CC 85 CID OHV 8V L4 A14	1975-1982	2.990"/76.0mm x 3.030"/77.0mm	2
1.4L 1393 CC 85 CID OHV 8V L4 A14	1976-1978	2.990"/76.0mm x 3.030"/77.0mm	1
1.5L 1488 CC OHV 8V L4 A15	1979-1982	2.990"/76.0mm x 3.230"/82.0mm	5
1.5L 1488 CC SOHC 8V L4 E15, E15S, E15T	1982-1984	2.990"/76.0mm x 3.230"/82.0mm	6
1.6L 1597 CC 97 CID SOHC 8V L4	1996-1997	2.990"/76.0mm x 3.460"/88.0mm	9
1.6L 1597 CC SOHC 8V L4 E16, E16I	1983-1988	2.990"/76.0mm x 3.470"/88.0mm	7
1.6L 1597 CC SOHC 8V L4 E16	1984-1986	2.990"/76.0mm x 3.470"/88.0mm	6
1.6L 1597 CC 97 CID SOHC 8V L4 E16S	1986-1987	2.990"/76.0mm x 3.460"/88.0mm	10
1.6L 1598 CC 98 CID SOHC 8V L4 K7M	2010	3.130"/79.5mm x 3.170"/80.5mm	15
1.6L 1595 CC 97 CID SOHC 8V L4 L16	1968-1973	3.270"/83.0mm x 2.900"/73.7mm	11
1.6L 1597 CC DOHC 8V L4 CA16DE	1987	3.320"/84.5mm x 3.460"/88.0mm	8
1.6L 1595 CC 97 CID OHV 8V L4 R16	1966-1970	3.430"/87.2mm x 2.630"/66.8mm	12
1.6L 1597 CC 97 CID SOHC 12V L4 GA16I	1989-1990	2.990"/76.0mm x 3.460"/88.0mm	13
1.6L 1597 CC 97 CID DOHC 16V L4	1995-2004	2.990"/76.0mm x 3.460"/88.0mm	14
1.6L 1597 CC 97 CID DOHC 16V L4 GA16DE	1991-1999	2.990"/76.0mm x 3.460"/88.0mm	13
1.6L 1598 CC 98 CID DOHC 16V L4 K4M	2007-2010	3.130"/79.5mm x 3.170"/80.5mm	16
1.7L 1681 CC SOHC 8V L4 CD17	1983-1986	3.150"/80.0mm x 3.290"/83.6mm	17
1.8L 1809 CC SOHC 8V L4 CA18ET	1984-1986	3.270"/83.0mm x 3.290"/83.6mm	17
1.8L 1770 CC 108 CID SOHC 8V L4 L18	1973-1974	3.350"/85.0mm x 3.070"/78.0mm	11
1.8L 1769 CC DOHC 16V L4 QG18DE	2000-2006	2.990"/76.0mm x 3.460"/88.0mm	13
1.8L 1769 CC 108 CID DOHC 16V L4	2001-2003	3.150"/80.0mm x 3.460"/88.0mm	13
1.8L 1809 CC DOHC 16V L4 CA18DE	1988-1989	3.270"/83.0mm x 3.290"/83.6mm	17
1.8L 1798 CC DOHC 16V L4 MR18DE	2007-2013	3.310"/84.0mm x 3.190"/81.1mm	18
1.8L 1798 CC DOHC 16V L4 MR18DE	2010-2014	3.310"/84.0mm x 3.190"/81.1mm	19



NISSAN

ENGINE	YEAR	BORE & STROKE	BLOCK
2.0L 1974 CC SOHC 8V L4 CA20E, CA20S	1982-1989	3.330"/84.5mm x 3.460"/88.0mm	17
2.0L 1952 CC SOHC 8V L4 L20B, Z20, Z20E, Z20S	1974-1986	3.350"/85.0mm x 3.390"/86.0mm	20
2.0L 1982 CC OHV 8V L4 U20	1967-1970	3.430"/87.2mm x 3.270"/83.0mm	21
2.0L 1998 CC 122 CID DOHC 16V L4	1995		25
2.0L 1997 CC 122 CID DOHC 16V L4	2007-2008	3.310"/84.0mm x 3.550"/90.1mm	26
2.0L 1997 CC 122 CID DOHC 16V L4 MR20DE	2007-2012	3.310"/84.0mm x 3.550"/90.1mm	18
2.0L 1997 CC DOHC 16V L4 MR20DE	2013-2014	3.310"/84.0mm x 3.550"/90.1mm	22
2.0L 1998 CC DOHC 16V L4 SR20DE	1991-1998	3.380"/86.0mm x 3.380"/86.0mm	23
2.0L 1998 CC DOHC 16V L4 SR20DE	1999-2001	3.380"/86.0mm x 3.380"/86.0mm	24
2.0L 1998 CC 122 CID DOHC 16V L4	1996-2001	3.390"/86.0mm x 3.390"/86.0mm	25
2.2L 2188 CC SOHC 8V L4 Z22, Z22E	1981-1983	3.430"/87.0mm x 3.620"/92.0mm	20
2.4L 2388 CC SOHC 8V L4 Z24, Z24I	1983-1989	3.500"/89.0mm x 3.780"/96.0mm	20
2.4L 2389 CC SOHC 12V L4 KA24E	1989-1992	3.500"/89.0mm x 3.780"/96.0mm	27
2.4L 2389 CC SOHC 12V L4 KA24E	1995-1997	3.500"/89.0mm x 3.780"/96.0mm	28
2.4L 2389 CC DOHC 16V L4 KA24DE	1991-2004	3.500"/88.9mm x 3.780"/96.0mm	27
2.5L 2488 CC OHV 8V L4 SD25	1983-1986	3.500"/89.0mm x 3.940"/100.0mm	29
2.5L 2488 CC 152 CID DOHC 16V L4 QR25DE	2010		32
2.5L 2488 CC 152 CID DOHC 16V L4 QR25, QR25DE	2014-2015	3.500"/89.0mm x 3.940"/100.0mm	32
2.5L 2500 CC DOHC 16V L4 QR25DE	2002-2016	3.500"/89.0mm x 3.940"/100.0mm	31
2.5L 2500 CC DOHC 16V L4 QR25DE	2014-2017	3.500"/89.0mm x 3.940"/100.0mm	30
2.5L 2488 CC DOHC 16V L4 QR25DER	2014	3.500"/89.0mm x 3.940"/100.0mm	32
2.5L 2488 CC DOHC 16V L4 YD25DDTi	2008	3.500"/89.0mm x 3.940"/100.0mm	33
2.4L 2393 CC 146 CID SOHC 12V L6 L24	1970-1973	3.270"/83.0mm x 2.900"/73.7mm	35
2.4L 2393 CC SOHC 12V L6 L24E	1977-1984	3.270"/83.0mm x 2.900"/73.7mm	34
2.6L 2565 CC 156 CID SOHC 12V L6 L26	1974	3.260"/83.0mm x 3.110"/79.0mm	35
2.8L 2793 CC SOHC 12V L6 LD28	1981-1983	3.270"/83.0mm x 2.900"/73.7mm	36
2.8L 2753 CC SOHC 12V L6 L28ET	1981-1983	3.380"/86.0mm x 3.110"/79.0mm	36
2.8L 2753 CC SOHC 12V L6 L28E	1975-1983	3.390"/86.0mm x 3.110"/79.0mm	35
3.0L 2960 CC 181 CID SOHC 12V V6 VG30E	1985-1998	3.430"/87.0mm x 3.270"/83.0mm	37
3.0L 2960 CC 181 CID SOHC 12V V6 VG30I	1987-1989	3.430"/87.0mm x 3.270"/83.0mm	38
3.0L 2960 CC SOHC 12V V6 VG30, VG30T	1984-1989	3.430"/87.1mm x 3.270"/83.0mm	37
3.0L 2960 CC 181 CID DOHC 24V V6 VE30DE	1992-1994	3.430"/87.0mm x 3.270"/83.0mm	37
3.0L 2960 CC DOHC 24V V6 VG30DE, VG30DETT	1990-1996	3.430"/87.1mm x 3.270"/83.0mm	37
3.0L 2988 CC 182 CID DOHC 24V V6	1995-1997	3.660"/93.0mm x 2.890"/73.3mm	39
3.0L 2988 CC 182 CID DOHC 24V V6 VQ30DE	1995-2001	3.660"/93.0mm x 2.890"/73.3mm	40
3.3L 3275 CC SOHC 12V V6 VG33E, VG33ER	1996-2004	3.600"/91.5mm x 3.260"/83.0mm	37
3.5L 3498 CC DOHC 24V V6 VQ35, VQ35DE	2001-2010	3.760"/95.5mm x 3.210"/81.4mm	41
3.5L 3498 CC DOHC 24V V6 VQ35DE	2009-2010	3.760"/95.5mm x 3.210"/81.4mm	42
3.8L 3799 CC DOHC 24V V6 VR38DETT	2009-2014	3.760"/95.5mm x 3.480"/88.4mm	43
4.0L 3954 CC DOHC 24V V6 VQ40	2005-2008	3.760"/95.5mm x 3.620"/91.9mm	44
4.0L 3954 CC DOHC 24V V6 VQ40DE	2005-2014	3.760"/95.5mm x 3.620"/91.9mm	45
5.6L 5552 CC 339 CID DOHC 32V V8 VK56DE	2010-2013		47
5.6L 5552 CC DOHC 32V V8 VK56DE	2004-2013	3.850"/98.0mm x 3.620"/92.0mm	46

MODEL	ENGINE	YEAR	BLOCK
1000	1.0L 988 CC 60 CID OHV 8V L4	1958-1971	1
1200	1.2L 1171 CC OHV 8V L4	1971-1973	1



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MODEL	ENGINE	YEAR	BLOCK
1200	1.2L 1237 CC OHV 8V L4	1971-1973	2
1300	1.3L 1288 CC 79 CID OHV 8V L4	1972-1973	2
1600	1.6L 1595 CC 97 CID OHV 8V L4	1966-1970	12
2000	2.0L 1982 CC OHV 8V L4	1967-1970	21
200SX	1.8L 1809 CC SOHC 8V L4	1984-1986	17
200SX	2.0L 1952 CC SOHC 8V L4	1977-1981	20
200SX	2.0L 1974 CC SOHC 8V L4	1984-1988	17
200SX	2.0L 1998 CC DOHC 16V L4	1995-1998	23
200SX	2.2L 2188 CC SOHC 8V L4	1982-1983	20
200SX	1.6L 1597 CC 97 CID DOHC 16V L4	1995-1998	13
200SX	3.0L 2960 CC 181 CID SOHC 12V V6	1987-1988	37
210	1.2L 1171 CC OHV 8V L4	1979	1
210	1.2L 1237 CC OHV 8V L4	1980-1982	2
210	1.5L 1488 CC OHV 8V L4	1979-1982	5
210	1.4L 1393 CC 85 CID OHV 8V L4	1979-1982	2
240SX	2.4L 2389 CC SOHC 12V L4	1989-1990	27
240SX	2.4L 2389 CC DOHC 16V L4	1991-1998	27
240Z	2.4L 2393 CC 146 CID SOHC 12V L6	1970-1973	35
260Z	2.6L 2565 CC 156 CID SOHC 12V L6	1974	35
280Z	2.8L 2753 CC SOHC 12V L6	1975-1978	35
280ZX	2.8L 2753 CC SOHC 12V L6	1979-1983	35
280ZX	2.8L 2753 CC SOHC 12V L6	1981-1983	36
300ZX	3.0L 2960 CC SOHC 12V V6	1984-1989	37
300ZX	3.0L 2960 CC DOHC 24V V6	1990-1996	37
310	1.5L 1488 CC OHV 8V L4	1981	5
310	1.5L 1488 CC SOHC 8V L4	1982	6
310	1.4L 1393 CC 85 CID OHV 8V L4	1979-1980	2
350Z	3.5L 3498 CC DOHC 24V V6	2003-2008	41
410	1.2L 1189 CC 73 CID OHV 8V L4	1963-1965	3
410	1.3L 1299 CC 79 CID OHV 8V L4	1963-1965	4
411	1.3L 1299 CC 79 CID OHV 8V L4	1963-1967	4
411	1.6L 1595 CC 97 CID OHV 8V L4	1966-1967	12
510	2.0L 1952 CC SOHC 8V L4	1978-1981	20
510	1.6L 1595 CC 97 CID SOHC 8V L4	1968-1973	11
520 Pickup	1.3L 1299 CC 79 CID OHV 8V L4	1965-1968	4
521 Pickup	1.3L 1299 CC 79 CID OHV 8V L4	1968-1969	4
521 Pickup	1.6L 1595 CC 97 CID SOHC 8V L4	1970-1972	11
610	2.0L 1952 CC SOHC 8V L4	1974-1976	20
610	1.8L 1770 CC 108 CID SOHC 8V L4	1973	11
620	2.0L 1952 CC SOHC 8V L4	1975-1979	20
620 Pickup	1.6L 1595 CC 97 CID SOHC 8V L4	1972-1973	11
620 Pickup	1.8L 1770 CC 108 CID SOHC 8V L4	1974	11
710	2.0L 1952 CC SOHC 8V L4	1975-1977	20
710	1.8L 1770 CC 108 CID SOHC 8V L4	1974	11
720	2.0L 1952 CC SOHC 8V L4	1980-1986	20
720	2.2L 2188 CC SOHC 8V L4	1981-1983	20
720	2.4L 2388 CC SOHC 8V L4	1983-1985	20
720	2.5L 2488 CC OHV 8V L4	1983-1986	29
810	2.4L 2393 CC SOHC 12V L6	1977-1981	34
810	2.8L 2793 CC SOHC 12V L6	1981	36

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MODEL	ENGINE	YEAR	BLOCK
Almera	1.8L 1769 CC DOHC 16V L4	2004-2005	13
Almera	1.8L 1769 CC 108 CID DOHC 16V L4	2001-2003	13
Altima	2.4L 2389 CC DOHC 16V L4	1993-2001	27
Altima	2.5L 2500 CC DOHC 16V L4	2002-2013	31
Altima	2.5L 2500 CC DOHC 16V L4	2014-2017	30
Altima	3.5L 3498 CC DOHC 24V V6	2002-2010	41
Altima	2.5L 2488 CC 152 CID DOHC 16V L4	2014-2015	32
Aprio	1.6L 1598 CC 98 CID DOHC 16V L4	2008-2010	16
Aprio	1.6L 1598 CC 98 CID SOHC 8V L4	2010	15
Armada	5.6L 5552 CC DOHC 32V V8	2005-2013	46
Armada	5.6L 5552 CC 339 CID DOHC 32V V8	2010-2013	47
Axxess	2.4L 2389 CC SOHC 12V L4	1990	27
B110	1.2L 1237 CC OHV 8V L4	1970-1973	2
B210	1.3L 1288 CC 79 CID OHV 8V L4	1974	2
B210	1.4L 1393 CC 85 CID OHV 8V L4	1975-1978	2
Bluebird	1.2L 1189 CC 73 CID OHV 8V L4	1961-1963	3
Bluebird	1.3L 1299 CC 79 CID OHV 8V L4	1963	4
Cabstar	2.5L 2488 CC DOHC 16V L4	2008	33
Cube	1.8L 1798 CC DOHC 16V L4	2009-2013	18
Cube	1.8L 1798 CC DOHC 16V L4	2014	19
D21	2.4L 2388 CC SOHC 8V L4	1986-1989	20
D21	3.0L 2960 CC SOHC 12V V6	1986-1989	37
D21	3.0L 2960 CC 181 CID SOHC 12V V6	1990-1994	37
F10	1.4L 1393 CC 85 CID OHV 8V L4	1976-1978	1
Frontier	2.4L 2389 CC DOHC 16V L4	1998-2004	27
Frontier	2.5L 2500 CC DOHC 16V L4	2005-2016	31
Frontier	3.3L 3275 CC SOHC 12V V6	1999-2004	37
Frontier	4.0L 3954 CC DOHC 24V V6	2005-2014	45
GT-R	3.8L 3799 CC DOHC 24V V6	2009-2014	43
Lucino	2.0L 1998 CC 122 CID DOHC 16V L4	1996-2000	25
Maxima	2.4L 2393 CC SOHC 12V L6	1981-1984	34
Maxima	2.8L 2793 CC SOHC 12V L6	1981-1983	36
Maxima	3.5L 3498 CC DOHC 24V V6	2002-2010	41
Maxima	3.0L 2960 CC 181 CID SOHC 12V V6	1985-1994	37
Maxima	3.0L 2960 CC 181 CID DOHC 24V V6	1992-1994	37
Maxima	3.0L 2988 CC 182 CID DOHC 24V V6	1995-1997	39
Maxima	3.0L 2988 CC 182 CID DOHC 24V V6	1995-2001	40
Murano	3.5L 3498 CC DOHC 24V V6	2003-2007	41
Murano	3.5L 3498 CC DOHC 24V V6	2009-2010	42
NV1500	4.0L 3954 CC DOHC 24V V6	2012-2014	45
NV200	2.0L 1997 CC DOHC 16V L4	2013-2014	22
NV2500	4.0L 3954 CC DOHC 24V V6	2012-2014	45
NV2500	5.6L 5552 CC DOHC 32V V8	2012-2013	46
NV2500	5.6L 5552 CC 339 CID DOHC 32V V8	2013	47
NV3500	4.0L 3954 CC DOHC 24V V6	2012-2014	45
NV3500	5.6L 5552 CC DOHC 32V V8	2012-2013	46
NX	2.0L 1998 CC DOHC 16V L4	1991-1993	23
NX	1.6L 1597 CC 97 CID DOHC 16V L4	1991-1993	13
Pathfinder	2.5L 2488 CC DOHC 16V L4	2014	32
Pathfinder	3.3L 3275 CC SOHC 12V V6	1996-2000	37



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MODEL	ENGINE	YEAR	BLOCK
Pathfinder	3.5L 3498 CC DOHC 24V V6	2001-2004	41
Pathfinder	4.0L 3954 CC DOHC 24V V6	2005-2008	44
Pathfinder	4.0L 3954 CC DOHC 24V V6	2005-2012	45
Pathfinder	5.6L 5552 CC DOHC 32V V8	2008-2012	46
Pathfinder	3.0L 2960 CC 181 CID SOHC 12V V6	1987-1989	38
Pathfinder	3.0L 2960 CC 181 CID SOHC 12V V6	1990-1995	37
Pickup	2.4L 2389 CC SOHC 12V L4	1995-1997	28
Pickup	3.0L 2960 CC 181 CID SOHC 12V V6	1995	37
Platina	1.6L 1598 CC 98 CID DOHC 16V L4	2007-2010	16
Pulsar	1.6L 1597 CC SOHC 8V L4	1983	7
Pulsar NX	1.5L 1488 CC SOHC 8V L4	1983-1984	6
Pulsar NX	1.6L 1597 CC SOHC 8V L4	1983-1988	7
Pulsar NX	1.6L 1597 CC SOHC 8V L4	1984-1986	6
Pulsar NX	1.6L 1597 CC DOHC 8V L4	1987	8
Pulsar NX	1.8L 1809 CC DOHC 16V L4	1988-1989	17
Pulsar NX	1.6L 1597 CC 97 CID SOHC 12V L4	1989-1990	13
Quest	3.3L 3275 CC SOHC 12V V6	1999-2002	37
Quest	3.5L 3498 CC DOHC 24V V6	2004-2009	41
Quest	3.0L 2960 CC 181 CID SOHC 12V V6	1993-1998	37
Rogue	2.5L 2500 CC DOHC 16V L4	2008-2013	31
Rogue	2.5L 2500 CC DOHC 16V L4	2014-2016	30
Rogue	2.5L 2488 CC 152 CID DOHC 16V L4	2014	32
Rogue Select	2.5L 2500 CC DOHC 16V L4	2014-2015	30
Sentra	2.5L 2500 CC DOHC 16V L4	2002-2012	31
Sentra	1.5L 1488 CC SOHC 8V L4	1982-1983	6
Sentra	1.6L 1597 CC SOHC 8V L4	1983-1988	7
Sentra	1.7L 1681 CC SOHC 8V L4	1983-1986	17
Sentra	1.8L 1769 CC DOHC 16V L4	2000-2006	13
Sentra	2.0L 1998 CC DOHC 16V L4	1991-1998	23
Sentra	2.0L 1998 CC DOHC 16V L4	1999-2001	24
Sentra	1.6L 1597 CC 97 CID SOHC 8V L4	1986-1987	10
Sentra	1.6L 1597 CC 97 CID SOHC 12V L4	1989-1990	13
Sentra	1.6L 1597 CC 97 CID DOHC 16V L4	1991-1999	13
Sentra	1.6L 1597 CC 97 CID DOHC 16V L4	1996-1999	14
Sentra	2.0L 1997 CC 122 CID DOHC 16V L4	2007-2008	26
Sentra	2.0L 1997 CC 122 CID DOHC 16V L4	2007-2012	18
Sentra	2.0L 1998 CC 122 CID DOHC 16V L4	1996-2001	25
Stanza	2.0L 1974 CC SOHC 8V L4	1982-1989	17
Stanza	2.4L 2389 CC SOHC 12V L4	1990-1992	27
Tiida	1.8L 1798 CC DOHC 16V L4	2010-2014	19
Titan	5.6L 5552 CC DOHC 32V V8	2004-2013	46
Titan	5.6L 5552 CC 339 CID DOHC 32V V8	2010-2013	47
Tsuru	1.6L 1597 CC 97 CID DOHC 16V L4	1995-2004	14
Tsuru	1.6L 1597 CC 97 CID SOHC 8V L4	1996-1997	9
Tsuru	2.0L 1998 CC 122 CID DOHC 16V L4	1995-1996	25
Urvan	2.4L 2389 CC DOHC 16V L4	2000-2002	27
Urvan	2.5L 2488 CC 152 CID DOHC 16V L4	2010	32
Van	2.4L 2388 CC SOHC 8V L4	1987-1988	20
Versa	1.8L 1798 CC DOHC 16V L4	2007-2012	18
Xterra	2.4L 2389 CC DOHC 16V L4	2000-2004	27

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MODEL	ENGINE	YEAR	BLOCK
Xterra	2.5L 2500 CC DOHC 16V L4	2005	31
Xterra	3.3L 3275 CC SOHC 12V V6	2000-2004	37
Xterra	4.0L 3954 CC DOHC 24V V6	2005-2007	44
Xterra	4.0L 3954 CC DOHC 24V V6	2005-2014	45
X-Trail	2.5L 2500 CC DOHC 16V L4	2005-2006	31

COUNTER DATA				SHOP DATA								
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH				
4 CYL												
1	1.0L 988 CC 60 CID OHV 8V L4 NISSAN A10 (1958-1971)			2.870"/73.0mm x 2.320"/59.0mm				1				
	1.2L 1171 CC OHV 8V L4 NISSAN A12 (1971-1979)			2.870"/73.0mm x 2.760"/70.0mm								
	1.4L 1393 CC 85 CID OHV 8V L4 NISSAN A14 VIN Code: 'P' (1976-1978)			2.990"/76.0mm x 3.030"/77.0mm								
	Connecting Rod Bearing Pair (4)			AL-5	CB-980A-.25mm	1.7701/1.7706	0.0009/0.0024		0.0594	1.8898/1.8902	0.7720	
Connecting Rod Bearing Set			AL-5	CB-980A(4)	STD,.25mm	1.7701/1.7706	0.0009/0.0024	0.0594	1.8898/1.8902	0.7720		
2	1.2L 1237 CC OHV 8V L4 NISSAN A12 VIN Code: 'C' (1980-1982)			2.950"/75.0mm x 2.760"/70.0mm				2				
	1.3L 1288 CC 79 CID OHV 8V L4 NISSAN A13 (1972-1974)			2.870"/73.0mm x 3.030"/77.0mm								
	1.4L 1393 CC 85 CID OHV 8V L4 NISSAN A14 VIN Code: 'H' (1975-1982)			2.990"/76.0mm x 3.030"/77.0mm								
	Connecting Rod Bearing Pair (4)			AL-5	CB-980A-.25mm	1.7701/1.7706	0.0009/0.0024		0.0594	1.8898/1.8902	0.7720	
Connecting Rod Bearing Pair			TM-1	CB-980P-.25mm	1.7701/1.7706	0.0009/0.0024	1.8898/1.8902	0.7720				
For Years: 1971 - 1982												
Connecting Rod Bearing Set			AL-5	CB-980A(4)	STD,.25mm	1.7701/1.7706	0.0009/0.0024	0.0594	1.8898/1.8902	0.7720		
3	1.2L 1189 CC 73 CID OHV 8V L4 NISSAN E1 (1961-1965)			2.870"/73.0mm x 2.800"/71.0mm				3				
	Connecting Rod Bearing Pair (4)			AL-5	CB-967A	STD,.25mm,.50mm, .75mm,1.00mm	1.8756/1.8761		0.0009/0.0029	0.0722	2.0210/2.0215	0.8660
	Connecting Rod Bearing Pair (4)			TM-1	CB-967P	STD,.25mm,.75mm	1.8761		0.0029	0.0722	2.0215	0.8660
	Connecting Rod Bearing Set			AL-5	CB-967A(4)	STD,.25mm,.50mm, .75mm,1.00mm	1.8756/1.8761		0.0009/0.0029	0.0722	2.0210/2.0215	0.8660
	Thrust Washer Set				TW-105S	STD						
	For Years: 1963 - 1964				MB68WL						2.7500	0.0930
				MB68WU					2.7500	0.0930		
For Years: 1963 - 1964												
Camshaft Bearing Set			B-1	SH-764S	STD							
For Years: 1963 - 1964												



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
4	1.3L 1299 CC 79 CID OHV 8V L4 NISSAN J13 (1963-1969)			2.870"/73.0mm x 3.060"/77.6mm				4
Connecting Rod Bearing Pair (4)	AL-5	CB-967A	STD, .25mm, .50mm, .75mm, 1.00mm	1.8756/1.8761	0.0009/0.0029	0.0722	2.0210/2.0215	0.8660
For Years: 1965 - 1969								
Connecting Rod Bearing Pair (4)	TM-1	CB-967P	STD, .25mm, .75mm	1.8761	0.0029	0.0722	2.0215	0.8660
For Years: 1965 - 1969								
Connecting Rod Bearing Set	AL-5	CB-967A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	1.8756/1.8761	0.0009/0.0029	0.0722	2.0210/2.0215	0.8660
For Years: 1965 - 1969								
Main Bearing Set	AL-5	MS-1329A	STD, .25mm, .50mm, .75mm, 1.00mm					
1-2-3		MB-1269A		2.0005/2.0010	0.0008/0.0028	0.0722	2.1460/2.1465	1.1070
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-105S								
Thrust Washer Set		TW-105S	STD					
		MB68WL		2.0005/2.0010			2.7500	0.0930
		MB68WU		2.0005/2.0010			2.7500	0.0930
For Years: 1965 - 1969								
Camshaft Bearing Set	B-1	SH-764S	STD					
For Years: 1965 - 1969								
5	1.5L 1488 CC OHV 8V L4 NISSAN A15 VIN Code: 'P' (1979-1982)			2.990"/76.0mm x 3.230"/82.0mm				5
Connecting Rod Bearing Pair (4)	AL-5	CB-980A-.25mm		1.7701/1.7706	0.0009/0.0024	0.0594	1.8898/1.8902	0.7720
Connecting Rod Bearing Pair	TM-1	CB-980P-.25mm		1.7701/1.7706	0.0009/0.0024		1.8898/1.8902	0.7720
Connecting Rod Bearing Set	AL-5	CB-980A(4)	STD, .25mm	1.7701/1.7706	0.0009/0.0024	0.0594	1.8898/1.8902	0.7720
Main Bearing Set	AL-5	MS-1595A	STD, .25mm, .50mm, .75mm					
1-5		MB-2931A		1.9661/1.9673	0.0007/0.0038	0.0720	2.1119/2.1129	0.8720
2-4		MB-2932A		1.9661/1.9673	0.0007/0.0038	0.0720	2.1119/2.1129	0.7090
3		MB-3568A(F)		1.9661/1.9673	0.0007/0.0038	0.0720	2.1119/2.1129	1.0610
For Year: 1982								
6	1.5L 1488 CC SOHC 8V L4 NISSAN E15, E15S, E15T VIN Codes: 'H' (1982), 'M' (1983)			2.990"/76.0mm x 3.230"/82.0mm				6
	1.6L 1597 CC SOHC 8V L4 NISSAN E16 VIN Code: 'M' (1984-1986)			2.990"/76.0mm x 3.470"/88.0mm				
Connecting Rod Bearing Pair	AL-5	CB1590A-4	STD	1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Connecting Rod Bearing Pair (4)	AL-5	CB-1590A	STD, .25mm, .50mm, .75mm	1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Connecting Rod Bearing Pair (4)	TM-77	CB-1590P	STD	1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Connecting Rod Bearing Set	AL-5	CB-1590A-.25mm(4)		1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Connecting Rod Bearing Set	AL-5	CB-1590A-.50mm(4)		1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Connecting Rod Bearing Set	AL-5	CB-1590A-.75mm(4)		1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
6 (cont.)	1.5L 1488 CC SOHC 8V L4 NISSAN E15, E15S, E15T VIN Codes: 'H' (1982), 'M' (1983)			2.990"/76.0mm x 3.230"/82.0mm				6 (cont.)
	1.6L 1597 CC SOHC 8V L4 NISSAN E16 VIN Code: 'M' (1984-1986)			2.990"/76.0mm x 3.470"/88.0mm				
Main Bearing Set	AL-5	MS-1595A	STD, .25mm, .50mm, .75mm					
1-5		MB-2931A		1.9661/1.9673	0.0007/0.0038	0.0720	2.1119/2.1129	0.8720
2-4		MB-2932A		1.9661/1.9673	0.0007/0.0038	0.0720	2.1119/2.1129	0.7090
3		MB-3568A(F)		1.9661/1.9673	0.0007/0.0038	0.0720	2.1119/2.1129	1.0610
Main Bearing Set	TM-1	MS-2072P-.25mm						
7	1.6L 1597 CC SOHC 8V L4 NISSAN E16, E16I VIN Code: 'P' (1987-1988)			2.990"/76.0mm x 3.470"/88.0mm				7
Connecting Rod Bearing Pair	AL-5	CB1590A-4	STD	1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Connecting Rod Bearing Pair (4)	AL-5	CB-1590A	STD, .25mm, .50mm, .75mm	1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Connecting Rod Bearing Pair (4)	TM-77	CB-1590P	STD	1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Connecting Rod Bearing Set	AL-5	CB-1590A-.25mm(4)		1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Connecting Rod Bearing Set	AL-5	CB-1590A-.50mm(4)		1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Connecting Rod Bearing Set	AL-5	CB-1590A-.75mm(4)		1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Main Bearing Set	AL-5	MS-1595A	STD, .25mm, .50mm, .75mm					
1-5		MB-2931A		1.9661/1.9673	0.0007/0.0038	0.0720	2.1119/2.1129	0.8720
2-4		MB-2932A		1.9661/1.9673	0.0007/0.0038	0.0720	2.1119/2.1129	0.7090
3		MB-3568A(F)		1.9661/1.9673	0.0007/0.0038	0.0720	2.1119/2.1129	1.0610
Main Bearing Set	AL-5	MS-2316A	STD, .25mm, .50mm					
1-2-3-4-5		MB-7005A		1.8899/1.8902		0.0767	2.0447/2.0450	0.7670
Main Bearing Set	TM-1	MS-2072P-.25mm						
8	1.6L 1597 CC DOHC 8V L4 NISSAN CA16DE (1987)			3.320"/84.5mm x 3.460"/88.0mm				8
Connecting Rod Bearing Pair (4)	TM-77	CB-1287P	STD, .25mm	1.7701/1.7706	0.0009/0.0031	0.0594	1.8898/1.8902	0.7340
Main Bearing Set	AL-5	MS-1595A	STD, .25mm, .50mm, .75mm					
1-5		MB-2931A		1.9661/1.9673	0.0007/0.0038	0.0720	2.1119/2.1129	0.8720
2-4		MB-2932A		1.9661/1.9673	0.0007/0.0038	0.0720	2.1119/2.1129	0.7090
3		MB-3568A(F)		1.9661/1.9673	0.0007/0.0038	0.0720	2.1119/2.1129	1.0610
9	1.6L 1597 CC 97 CID SOHC 8V L4 NISSAN (1996-1997)			2.990"/76.0mm x 3.460"/88.0mm				9
Connecting Rod Bearing Pair	AL-5	CB1590A-4	STD	1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Connecting Rod Bearing Pair (4)	AL-5	CB-1590A	STD, .25mm, .50mm, .75mm	1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
10	1.6L 1597 CC 97 CID SOHC 8V L4 NISSAN E16S VIN Code: 'P' (1986-1987)			2.990"/76.0mm x 3.460"/88.0mm				10
Connecting Rod Bearing Pair	AL-5	CB1590A-4	STD	1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Connecting Rod Bearing Pair (4)	AL-5	CB-1590A	STD, .25mm, .50mm, .75mm	1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
10 (cont.)	1.6L 1597 CC 97 CID SOHC 8V L4 NISSAN E16S VIN Code: 'P' (1986-1987)			2.990"/76.0mm x 3.460"/88.0mm				10 (cont.)
Connecting Rod Bearing Pair (4)	TM-77	CB-1590P	STD	1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Connecting Rod Bearing Set	AL-5	CB-1590A-.25mm(4)		1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Connecting Rod Bearing Set	AL-5	CB-1590A-.50mm(4)		1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Connecting Rod Bearing Set	AL-5	CB-1590A-.75mm(4)		1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Main Bearing Set	TM-1	MS-2072P-.25mm						
11	1.6L 1595 CC 97 CID SOHC 8V L4 NISSAN L16 (1968-1973)			3.270"/83.0mm x 2.900"/73.7mm				11
	1.8L 1770 CC 108 CID SOHC 8V L4 NISSAN L18 (1973-1974)			3.350"/85.0mm x 3.070"/78.0mm				
Connecting Rod Bearing Pair (4)	AL-5	CB-966A	STD,.25mm,.50mm,.75mm,1.00mm	1.9670/1.9675	0.0006/0.0026	0.0593	2.0866/2.0871	0.8660
Connecting Rod Bearing Pair (4)	TM-1	CB-966P-1.00mm		1.9670/1.9675	0.0006/0.0026	0.0593	2.0866/2.0871	0.8660
Connecting Rod Bearing Set	AL-5	CB-966A(4)	STD,.25mm,.50mm,.75mm	1.9670/1.9675	0.0006/0.0026	0.0593	2.0866/2.0871	0.8660
12	1.6L 1595 CC 97 CID OHV 8V L4 NISSAN R16 (1966-1970)			3.430"/87.2mm x 2.630"/66.8mm				12
Connecting Rod Bearing Pair (4)	TM-1	CB-981P-.50mm		2.0457/2.0462	0.0011/0.0031	0.0593	2.1654/2.1659	0.9490
13	1.6L 1597 CC 97 CID SOHC 12V L4 NISSAN GA16I VIN Code: 'G' (1989-1990)			2.990"/76.0mm x 3.460"/88.0mm				13
	1.6L 1597 CC 97 CID DOHC 16V L4 NISSAN GA16DE VIN Codes: 'A' (1995-1998), 'E' (1991-1994)			2.990"/76.0mm x 3.460"/88.0mm				
	1.8L 1769 CC DOHC 16V L4 NISSAN QG18DE (2000-2006)			2.990"/76.0mm x 3.460"/88.0mm				
	1.8L 1769 CC 108 CID DOHC 16V L4 NISSAN (2001-2003)			3.150"/80.0mm x 3.460"/88.0mm				
Connecting Rod Bearing Pair	AL-5	CB1590A-4	STD	1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Connecting Rod Bearing Pair (4)	AL-5	CB-1590A	STD,.25mm,.50mm,.75mm	1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Connecting Rod Bearing Pair (4)	TM-77	CB-1590P	STD	1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Connecting Rod Bearing Set	AL-5	CB-1590A-.25mm(4)		1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Connecting Rod Bearing Set	AL-5	CB-1590A-.50mm(4)		1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Connecting Rod Bearing Set	AL-5	CB-1590A-.75mm(4)		1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Main Bearing Set	AL-5	MS-1950A	STD,.25mm,.50mm,.75mm					
NOTE: Requires Thrust Washer Set, Not Included ,Use With Part Number TW-551S								
Thrust Washer Set		TW-551S	STD					
3		MB3343W		2.2057			2.7953	0.0780



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
14	1.6L 1597 CC 97 CID DOHC 16V L4 NISSAN (1995-2004)			2.990"/76.0mm x 3.460"/88.0mm				14
Connecting Rod Bearing Pair	AL-5	CB1590A-4	STD	1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Connecting Rod Bearing Pair (4)	AL-5	CB-1590A	STD,.25mm,.50mm,.75mm	1.5731/1.5738	0.0004/0.0024	0.0594	1.6929/1.6934	0.6690
Thrust Washer Set 3		TW-551S MB3343W	STD	2.2057			2.7953	0.0780
For Years: 1996 - 1999								
15	1.6L 1598 CC 98 CID SOHC 8V L4 NISSAN K7M (2010)			3.130"/79.5mm x 3.170"/80.5mm				15
Thrust Washer Set		TW-707S	STD					
16	1.6L 1598 CC 98 CID DOHC 16V L4 NISSAN K4M (2007-2010)			3.130"/79.5mm x 3.170"/80.5mm				16
Connecting Rod Bearing Pair (4)	AL-5	CB-1928A	STD,.25mm,.50mm	1.7307/1.7315	0.0002/0.0012	0.0710	1.8744/1.8751	0.6990
Connecting Rod Bearing Set	AL-5	CB-1928A(4)	STD,.25mm,.50mm	1.7307/1.7315	0.0002/0.0012	0.0710	1.8744/1.8751	0.6990
Thrust Washer Set		TW-707S	STD					
17	1.7L 1681 CC SOHC 8V L4 NISSAN CD17 VIN Code: 'S' (1983-1986)			3.150"/80.0mm x 3.290"/83.6mm				17
	1.8L 1809 CC SOHC 8V L4 NISSAN CA18ET VIN Code: 'C' (1984-1986)			3.270"/83.0mm x 3.290"/83.6mm				
	1.8L 1809 CC DOHC 16V L4 NISSAN CA18DE VIN Code: 'C' (1988-1989)			3.270"/83.0mm x 3.290"/83.6mm				
	2.0L 1974 CC SOHC 8V L4 NISSAN CA20E, CA20S VIN Codes: 'H' (1984-1989), 'P' (1984-1986, 1988)			3.330"/84.5mm x 3.460"/88.0mm				
Connecting Rod Bearing Pair (4)	TM-77	CB-1287P	STD,.25mm	1.7701/1.7706	0.0009/0.0031	0.0594	1.8898/1.8902	0.7340
Main Bearing Set 1-2-4-5	TM-77	MS-1565P	STD	2.0848/2.0853	0.0006/0.0034	0.0722	2.2300/2.2310	0.8720
3		MB-2879P MB-2880P(F)		2.0848/2.0853	0.0006/0.0034	0.0722	2.2300/2.2310	1.0990
18	1.8L 1798 CC DOHC 16V L4 NISSAN MR18DE (2007-2013)			3.310"/84.0mm x 3.190"/81.1mm				18
	2.0L 1997 CC 122 CID DOHC 16V L4 NISSAN MR20DE (2007-2012)			3.310"/84.0mm x 3.550"/90.1mm				
Connecting Rod Bearing Pair (4)	AL-3	CB-1919A	STD,.25mm,.50mm	1.7305/1.7311	0.0015/0.0019	0.0593	1.8504/1.8509	0.6299
Connecting Rod Bearing Set	AL-3	CB-1919A(4)	STD,.25mm,.50mm	1.7305/1.7311	0.0015/0.0019	0.0593	1.8504/1.8509	0.6299
Main Bearing Set 1-2-3-4-5	AL-3	MS-2301A MB-3955A	STD,.25mm,.50mm	2.0464		0.0789	2.2046	0.6692
Thrust Washer Set		TW-697S	STD					
19	1.8L 1798 CC DOHC 16V L4 NISSAN MR18DE (2010-2014)			3.310"/84.0mm x 3.190"/81.1mm				19
Main Bearing Set 1-2-3-4-5	AL-3	MS-2301A MB-3955A	STD,.25mm,.50mm	2.0464		0.0789	2.2046	0.6692



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
20	2.0L 1952 CC SOHC 8V L4 NISSAN L20B, Z20, Z20E, Z20S VIN Codes: 'F' (1983-1986), 'H' (1980-1981), 'P' (1980-1981)			3.350"/85.0mm x 3.390"/86.0mm				20
	2.2L 2188 CC SOHC 8V L4 NISSAN Z22, Z22E VIN Codes: 'M' (1981-1983), 'R' (1982-1983)			3.430"/87.0mm x 3.620"/92.0mm				
	2.4L 2388 CC SOHC 8V L4 NISSAN Z24, Z24I VIN Codes: 'N' (1986-1989), 'S' (1987-1988)			3.500"/89.0mm x 3.780"/96.0mm				
Connecting Rod Bearing Pair (4)	AL-5	CB-966A	STD,.25mm,.50mm,.75mm,1.00mm	1.9670/1.9675	0.0006/0.0026	0.0593	2.0866/2.0871	0.8660
Connecting Rod Bearing Pair (4)	TM-1	CB-966P-1.00mm		1.9670/1.9675	0.0006/0.0026	0.0593	2.0866/2.0871	0.8660
Connecting Rod Bearing Set	AL-5	CB-966A(4)	STD,.25mm,.50mm,.75mm	1.9670/1.9675	0.0006/0.0026	0.0593	2.0866/2.0871	0.8660
Main Bearing Set	AL-5	MS-2042A	STD,.25mm,.50mm,.75mm					
1		MB-2885A		2.3599/2.3604	0.0007/0.0024	0.0722	2.5057/2.5062	1.0240
2-4		MB-2886A		2.3599/2.3604	0.0007/0.0024	0.0722	2.5057/2.5062	0.9450
3		MB-3519A(F)		2.3599/2.3604	0.0007/0.0024	0.0722	2.5057/2.5062	1.2580
5		MB-2888A		2.3599/2.3604	0.0007/0.0024	0.0722	2.5057/2.5062	1.0240
Main Bearing Set	TM-1	MS-2042P	STD,.25mm					
1		MB-2885P		2.3599/2.3604	0.0007/0.0024	0.0722	2.5057/2.5062	1.0240
2-4		MB-2886P		2.3599/2.3604	0.0007/0.0024	0.0722	2.5057/2.5062	0.9450
3		MB-3519P(F)		2.3599/2.3604	0.0007/0.0024	0.0722	2.5057/2.5062	1.2580
5		MB-2888P		2.3599/2.3604	0.0007/0.0024	0.0722	2.5057/2.5062	1.0240
21	2.0L 1982 CC OHV 8V L4 NISSAN U20 (1967-1970)			3.430"/87.2mm x 3.270"/83.0mm				21
Connecting Rod Bearing Pair (4)	TM-1	CB-981P-.50mm		2.0457/2.0462	0.0011/0.0031	0.0593	2.1654/2.1659	0.9490
Camshaft Bearing Set	B-1	SH-772S	STD					
For Years: 1968 - 1970								
22	2.0L 1997 CC DOHC 16V L4 NISSAN MR20DE (2013-2014)			3.310"/84.0mm x 3.550"/90.1mm				22
Connecting Rod Bearing Pair (4)	AL-3	CB-1919A	STD,.25mm,.50mm	1.7305/1.7311	0.0015/0.0019	0.0593	1.8504/1.8509	0.6299
For Year: 2013								
Connecting Rod Bearing Set	AL-3	CB-1919A(4)	STD,.25mm,.50mm	1.7305/1.7311	0.0015/0.0019	0.0593	1.8504/1.8509	0.6299
For Year: 2013								
Main Bearing Set	AL-3	MS-2301A	STD,.25mm,.50mm					
1-2-3-4-5		MB-3955A		2.0464		0.0789	2.2046	0.6692
23	2.0L 1998 CC DOHC 16V L4 NISSAN SR20DE VIN Codes: 'B' (1995-1998), 'G' (1991-1994)			3.380"/86.0mm x 3.380"/86.0mm				23
Connecting Rod Bearing Pair (4)	TM-1	CB-1629P	STD,.25mm	1.8880/1.8890	0.0008/0.0018	0.0595	2.0079/2.0084	0.6690
Connecting Rod Bearing Set	AL-5	CB-1629A(4)	STD,.25mm,.50mm	1.8880/1.8890	0.0008/0.0018	0.0595	2.0079/2.0084	0.6690
Main Bearing Set	AL-5	MS-2015A	STD,.25mm					
1-2-3-4-5		MB-3478A		2.1636/2.1646	0.0005/0.0022	0.0779	2.3206/2.3216	0.7480
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-590S								
Thrust Washer Set		TW-590S	STD					
3		MB3478W		2.4314			3.2878	0.0770



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
24	2.0L 1998 CC DOHC 16V L4 NISSAN SR20DE (1999-2001)			3.380"/86.0mm x 3.380"/86.0mm				24
Connecting Rod Bearing Pair (4)	TM-1	CB-1629P	STD,.25mm	1.8880/1.8890	0.0008/0.0018	0.0595	2.0079/2.0084	0.6690
Connecting Rod Bearing Set	AL-5	CB-1629A(4)	STD,.25mm,.50mm	1.8880/1.8890	0.0008/0.0018	0.0595	2.0079/2.0084	0.6690
Main Bearing Set 1-2-3-4-5	AL-5	MS-2015A MB-3478A	STD,.25mm	2.1636/2.1646	0.0005/0.0022	0.0779	2.3206/2.3216	0.7480
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-590S								
25	2.0L 1998 CC 122 CID DOHC 16V L4 NISSAN (1995)			3.390"/86.0mm x 3.390"/86.0mm				25
2.0L 1998 CC 122 CID DOHC 16V L4 NISSAN (1996-2001)								
Main Bearing Set 1-2-3-4-5	AL-5	MS-2015A MB-3478A	STD,.25mm	2.1636/2.1646	0.0005/0.0022	0.0779	2.3206/2.3216	0.7480
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-590S								
26	2.0L 1997 CC 122 CID DOHC 16V L4 NISSAN (2007-2008)			3.310"/84.0mm x 3.550"/90.1mm				26
Thrust Washer Set	TW-697S		STD					
27	2.4L 2389 CC SOHC 12V L4 NISSAN KA24E			3.500"/89.0mm x 3.780"/96.0mm				27
VIN Codes: 'F' (1990-1992), 'H' (1989-1990)								
2.4L 2389 CC DOHC 16V L4 NISSAN KA24DE				3.500"/88.9mm x 3.780"/96.0mm				
VIN Codes: 'A' (1995-1998), 'B' (1993-1997), 'D' (1998), 'M' (1991-1994)								
Connecting Rod Bearing Pair (4)	AL-5	CB-1589A	STD,.25mm,.50mm,.75mm	1.9670/1.9675	0.0004/0.0024	0.0594	2.0866/2.0871	0.7870
Connecting Rod Bearing Set	AL-5	CB-1589A(4)	STD,.25mm,.50mm,.75mm	1.9670/1.9675	0.0004/0.0024	0.0594	2.0866/2.0871	0.7870
Main Bearing Set 1-2-4-5	AL-5	MS-1949A	STD,.25mm,.50mm,.75mm	2.3606/2.3615	0.0005/0.0038	0.0722	2.5063/2.5068	0.7480
3		MB-3341A MB-3342A(F)		2.3606/2.3615	0.0005/0.0038	0.0722	2.5063/2.5068	0.7480
For Years: 1989 - 2003								
Main Bearing Set	TM-1	MS-1949P-.25mm						
For Years: 1989 - 2003								
NOTE: Contains .15mm Oversized Length Flanged Bearing								
28	2.4L 2389 CC SOHC 12V L4 NISSAN KA24E (1995-1997)			3.500"/89.0mm x 3.780"/96.0mm				28
Main Bearing Set 1-2-4-5	AL-5	MS-1949A	STD,.25mm,.50mm,.75mm	2.3606/2.3615	0.0005/0.0038	0.0722	2.5063/2.5068	0.7480
3		MB-3341A MB-3342A(F)		2.3606/2.3615	0.0005/0.0038	0.0722	2.5063/2.5068	0.7480
Main Bearing Set	TM-1	MS-1949P-.25mm						
NOTE: Contains .15mm Oversized Length Flanged Bearing								
29	2.5L 2488 CC OHV 8V L4 NISSAN SD25			3.500"/89.0mm x 3.940"/100.0mm				29
VIN Code: 'J' (1983-1986)								
Connecting Rod Bearing Pair (4)	TM-1	CB-988P	STD	2.0832/2.0837	0.0014/0.0034	0.0590	2.2042/2.2047	1.0230
Camshaft Bearing Set	B-1	SH-772S	STD					



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
30	2.5L 2500 CC DOHC 16V L4 NISSAN QR25DE (2014-2017)			3.500"/89.0mm x 3.940"/100.0mm				30
Connecting Rod Bearing Set	AL-3	CB-1858A(4)	STD,.25mm,.50mm	1.7699/1.7706	0.0007/0.0028	0.0595	1.8898/1.8902	0.7520
Main Bearing Set		MS-2263A	STD,.25mm,.50mm					
For Years: 2014 - 2016 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-679S								
31	2.5L 2500 CC DOHC 16V L4 NISSAN QR25DE (2002-2016)			3.500"/89.0mm x 3.940"/100.0mm				31
Connecting Rod Bearing Set	AL-3	CB-1858A(4)	STD,.25mm,.50mm	1.7699/1.7706	0.0007/0.0028	0.0595	1.8898/1.8902	0.7520
Main Bearing Set		MS-2263A	STD,.25mm,.50mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-679S								
Thrust Washer Set		TW-679S	STD					
		MB-3900W(L)		2.3335			3.2776	0.0965
		MB-3900W(U)		2.3335			3.2776	0.0965
For Years: 2002 - 2013								
32	2.5L 2488 CC DOHC 16V L4 NISSAN QR25DER (2014)			3.500"/89.0mm x 3.940"/100.0mm				32
	2.5L 2488 CC 152 CID DOHC 16V L4 NISSAN QR25DE (2010)							
	2.5L 2488 CC 152 CID DOHC 16V L4 NISSAN QR25, QR25DE (2014-2015)			3.500"/89.0mm x 3.940"/100.0mm				
Connecting Rod Bearing Set	AL-3	CB-1858A(4)	STD,.25mm,.50mm	1.7699/1.7706	0.0007/0.0028	0.0595	1.8898/1.8902	0.7520
33	2.5L 2488 CC DOHC 16V L4 NISSAN YD25DDTi (2008)			3.500"/89.0mm x 3.940"/100.0mm				33
Connecting Rod Bearing Pair	AL-3	CB-1962A	STD,.25mm,.50mm	2.0472		0.0590	2.1653	0.9055
Thrust Washer Set		TW-716S	STD					
				6 CYL				
34	2.4L 2393 CC SOHC 12V L6 NISSAN L24E VIN Code: 'H' (1977-1984)			3.270"/83.0mm x 2.900"/73.7mm				34
Connecting Rod Bearing Pair (6)	AL-5	CB-966A	STD,.25mm,.50mm,.75mm,1.00mm	1.9670/1.9675	0.0006/0.0026	0.0593	2.0866/2.0871	0.8660
For Years: 1977 - 1982								
Connecting Rod Bearing Pair (6)	TM-77	CB-1287P	STD,.25mm	1.7701/1.7706	0.0009/0.0031	0.0594	1.8898/1.8902	0.7340
For Years: 1982 - 1984								
Connecting Rod Bearing Pair (6)	TM-1	CB-966P-1.00mm		1.9670/1.9675	0.0006/0.0026	0.0593	2.0866/2.0871	0.8660
For Years: 1977 - 1982								
Connecting Rod Bearing Set	AL-5	CB-966A(6)	STD,.25mm,.50mm	1.9670/1.9675	0.0006/0.0026	0.0593	2.0866/2.0871	0.8660
For Years: 1977 - 1982								
Connecting Rod Bearing Set	AL-5	CB-966A-.75mm(4)		1.9670/1.9675	0.0006/0.0026	0.0593	2.0866/2.0871	0.8660
For Year: 1977								



NISSAN

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
34 (cont.)	2.4L 2393 CC SOHC 12V L6 NISSAN L24E VIN Code: 'H' (1977-1984)			3.270"/83.0mm x 2.900"/73.7mm				34 (cont.)
Main Bearing Set	TM-1	MS-1106P	STD					
1-7		MB-631P		2.1631/2.1636	0.0012/0.0032	0.0722	2.3089/2.3094	1.0280
2-3-5-6		MB-632P		2.1631/2.1636	0.0012/0.0032	0.0722	2.3089/2.3094	0.9490
4		MB-633P(F)		2.1631/2.1636	0.0008/0.0032	0.0724	2.3089/2.3094	1.2580
35	2.4L 2393 CC 146 CID SOHC 12V L6 NISSAN L24 (1970-1973)			3.270"/83.0mm x 2.900"/73.7mm				35
	2.6L 2565 CC 156 CID SOHC 12V L6 NISSAN L26 VIN Code: 'R' (1974)			3.260"/83.0mm x 3.110"/79.0mm				
	2.8L 2753 CC SOHC 12V L6 NISSAN L28E VIN Code: 'H' (1975-1983)			3.390"/86.0mm x 3.110"/79.0mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-966A	STD, .25mm, .50mm, .75mm, 1.00mm	1.9670/1.9675	0.0006/0.0026	0.0593	2.0866/2.0871	0.8660
Connecting Rod Bearing Pair (6)	TM-1	CB-966P-1.00mm		1.9670/1.9675	0.0006/0.0026	0.0593	2.0866/2.0871	0.8660
Connecting Rod Bearing Set	AL-5	CB-966A(6)	STD, .25mm, .50mm	1.9670/1.9675	0.0006/0.0026	0.0593	2.0866/2.0871	0.8660
Connecting Rod Bearing Set For Years: 1971 - 1975	AL-5	CB-966A-.75mm(4)		1.9670/1.9675	0.0006/0.0026	0.0593	2.0866/2.0871	0.8660
Main Bearing Set	TM-1	MS-1106P	STD					
1-7		MB-631P		2.1631/2.1636	0.0012/0.0032	0.0722	2.3089/2.3094	1.0280
2-3-5-6		MB-632P		2.1631/2.1636	0.0012/0.0032	0.0722	2.3089/2.3094	0.9490
4		MB-633P(F)		2.1631/2.1636	0.0008/0.0032	0.0724	2.3089/2.3094	1.2580
36	2.8L 2793 CC SOHC 12V L6 NISSAN LD28 VIN Code: 'S' (1981-1983)			3.270"/83.0mm x 2.900"/73.7mm				36
	2.8L 2753 CC SOHC 12V L6 NISSAN L28ET VIN Code: 'C' (1981-1983)			3.380"/86.0mm x 3.110"/79.0mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-966A	STD, .25mm, .50mm, .75mm, 1.00mm	1.9670/1.9675	0.0006/0.0026	0.0593	2.0866/2.0871	0.8660
Connecting Rod Bearing Pair (6)	TM-1	CB-966P-1.00mm		1.9670/1.9675	0.0006/0.0026	0.0593	2.0866/2.0871	0.8660
Connecting Rod Bearing Set	AL-5	CB-966A(6)	STD, .25mm, .50mm	1.9670/1.9675	0.0006/0.0026	0.0593	2.0866/2.0871	0.8660
Main Bearing Set	TM-1	MS-1106P	STD					
1-7		MB-631P		2.1631/2.1636	0.0012/0.0032	0.0722	2.3089/2.3094	1.0280
2-3-5-6		MB-632P		2.1631/2.1636	0.0012/0.0032	0.0722	2.3089/2.3094	0.9490
4		MB-633P(F)		2.1631/2.1636	0.0008/0.0032	0.0724	2.3089/2.3094	1.2580
37	3.0L 2960 CC SOHC 12V V6 NISSAN VG30, VG30T VIN Codes: 'C' (1984-1989), 'H' (1984-1989)			3.430"/87.1mm x 3.270"/83.0mm				37
	3.0L 2960 CC DOHC 24V V6 NISSAN VG30DE, VG30DETT VIN Codes: 'C' (1990-1996), 'R' (1990-1996)			3.430"/87.1mm x 3.270"/83.0mm				
	3.0L 2960 CC 181 CID SOHC 12V V6 NISSAN VG30E VIN Codes: '1' (1997-1998), 'H' (1985-1995), 'W' (1993-1996)			3.430"/87.0mm x 3.270"/83.0mm				
	3.0L 2960 CC 181 CID DOHC 24V V6 NISSAN VE30DE VIN Code: 'E' (1992-1994)			3.430"/87.0mm x 3.270"/83.0mm				
	3.3L 3275 CC SOHC 12V V6 NISSAN VG33E, VG33ER VIN Code: 'A' (1996-1998)			3.600"/91.5mm x 3.260"/83.0mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-1591A	STD, .25mm, .50mm, .75mm	1.9669/1.9675	0.0006/0.0024	0.0594	2.0866/2.0871	0.6690



NISSAN

COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				6 CYL (cont.)					
37 (cont.)	3.0L 2960 CC SOHC 12V V6 NISSAN VG30, VG30T			3.430"/87.1mm x 3.270"/83.0mm					37 (cont.)
	VIN Codes: 'C' (1984-1989), 'H' (1984-1989)								
	3.0L 2960 CC DOHC 24V V6 NISSAN VG30DE, VG30DETT			3.430"/87.1mm x 3.270"/83.0mm					
	VIN Codes: 'C' (1990-1996), 'R' (1990-1996)								
	3.0L 2960 CC 181 CID SOHC 12V V6 NISSAN VG30E			3.430"/87.0mm x 3.270"/83.0mm					
VIN Codes: '1' (1997-1998), 'H' (1985-1995), 'W' (1993-1996)									
3.0L 2960 CC 181 CID DOHC 24V V6 NISSAN VE30DE			3.430"/87.0mm x 3.270"/83.0mm						
VIN Code: 'E' (1992-1994)									
3.3L 3275 CC SOHC 12V V6 NISSAN VG33E, VG33ER			3.600"/91.5mm x 3.260"/83.0mm						
VIN Code: 'A' (1996-1998)									
Connecting Rod Bearing Pair (6)	TM-1	CB-1591P	STD, .25mm, .50mm	1.9669/1.9675	0.0006/0.0024	0.0594	2.0866/2.0871	0.6690	
Connecting Rod Bearing Set	AL-5	CB-1591A(6)	STD, .25mm, .50mm, .75mm	1.9669/1.9675	0.0006/0.0024	0.0594	2.0866/2.0871	0.6690	
Connecting Rod Bearing Set	TM-1	CB-1591P(6)	STD	1.9669/1.9675	0.0006/0.0024	0.0594	2.0866/2.0871	0.6690	
Main Bearing Set	AL-5	MS-1951A	STD, .25mm, .50mm, .75mm						
1		MB-3344A		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	0.8860	
2-3		MB-3345A		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	0.7480	
4		MB-3346A(F)		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	1.1340	
Main Bearing Set	TM-1	MS-1951P	STD, .25mm, .50mm						
1		MB-3344P		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	0.8860	
2-3		MB-3345P		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	0.7480	
4		MB-3346P(F)		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	1.1340	
Main Bearing Set	TM-1	MS-2074P-.25mm	.50mm						
1		MB-2995P		2.4784/2.4793	0.0011/0.0039	0.0720	2.6238/2.6243	0.8910	
2-3		MB-2996P		2.4784/2.4793	0.0011/0.0039	0.0720	2.6238/2.6243	0.7530	
4		MB-3570P(F)		2.4784/2.4793	0.0011/0.0039	0.0720	2.6238/2.6243	1.1360	
38	3.0L 2960 CC 181 CID SOHC 12V V6 NISSAN VG30I			3.430"/87.0mm x 3.270"/83.0mm					38
VIN Code: 'H' (1987-1989)									
Connecting Rod Bearing Set	TM-1	CB-1591P(6)	STD	1.9669/1.9675	0.0006/0.0024	0.0594	2.0866/2.0871	0.6690	
Main Bearing Set	AL-5	MS-1951A	STD, .25mm, .50mm, .75mm						
1		MB-3344A		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	0.8860	
2-3		MB-3345A		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	0.7480	
4		MB-3346A(F)		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	1.1340	
Main Bearing Set	TM-1	MS-1951P	STD, .25mm, .50mm						
1		MB-3344P		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	0.8860	
2-3		MB-3345P		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	0.7480	
4		MB-3346P(F)		2.4784/2.4793	0.0004/0.0034	0.0720	2.6238/2.6249	1.1340	
39	3.0L 2988 CC 182 CID DOHC 24V V6 NISSAN (1995-1997)			3.660"/93.0mm x 2.890"/73.3mm					39
Main Bearing Set	TM-77	MS-2262P	STD, .25mm, .50mm						
1-2-3-4		MB-3891P		2.3603/2.3612	0.0014/0.0026	0.0787	2.5194/2.5204	0.7520	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-678S									
Thrust Washer Set		TW-678S	STD						
		MB-3899W(L)		2.6181/2.6280			3.1201/3.1299	0.0768	
		MB-3899W(U)		2.6181/2.6280			3.1201/3.1299	0.0768	



NISSAN

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
40	3.0L 2988 CC 182 CID DOHC 24V V6 NISSAN VQ30DE VIN Code: 'C' (1995-1998)			3.660"/93.0mm x 2.890"/73.3mm				40
Connecting Rod Bearing Pair (6)	TM-77	CB-1905P	STD, .25mm, .50mm	1.7699/1.7706	0.0014/0.0021	0.0593	1.8898/1.8903	0.6690
For Years: 1996 - 2001								
Main Bearing Set 1-2-3-4	TM-77	MS-2262P MB-3891P	STD, .25mm, .50mm	2.3603/2.3612	0.0014/0.0026	0.0787	2.5194/2.5204	0.7520
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-678S								
Thrust Washer Set		TW-678S MB-3899W(L) MB-3899W(U)	STD	2.6181/2.6280			3.1201/3.1299	0.0768
				2.6181/2.6280			3.1201/3.1299	0.0768
41	3.5L 3498 CC DOHC 24V V6 NISSAN VQ35, VQ35DE (2001-2010)			3.760"/95.5mm x 3.210"/81.4mm				41
Connecting Rod Bearing Pair (6)	TM-77	CB-1857P	STD, .25mm, .50mm	2.0455/2.0462	0.0009/0.0031	0.0594	2.1653/2.1659	0.6732
For Years: 2001 - 2007								
Connecting Rod Bearing Set	TM-77	CB-1857P(6)	STD, .25mm, .50mm	2.0455/2.0462	0.0009/0.0031	0.0594	2.1653/2.1659	0.6732
For Years: 2001 - 2007								
Main Bearing Set 1-2-3-4	TM-77	MS-2262P MB-3891P	STD, .25mm, .50mm	2.3603/2.3612	0.0014/0.0026	0.0787	2.5194/2.5204	0.7520
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-678S								
Thrust Washer Set		TW-678S MB-3899W(L) MB-3899W(U)	STD	2.6181/2.6280			3.1201/3.1299	0.0768
				2.6181/2.6280			3.1201/3.1299	0.0768
For Years: 2001 - 2007								
42	3.5L 3498 CC DOHC 24V V6 NISSAN VQ35DE VIN Code: 'A' (2009-2010)			3.760"/95.5mm x 3.210"/81.4mm				42
Main Bearing Set 1-2-3-4	TM-77	MS-2262P MB-3891P	STD, .25mm, .50mm	2.3603/2.3612	0.0014/0.0026	0.0787	2.5194/2.5204	0.7520
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-678S								
43	3.8L 3799 CC DOHC 24V V6 NISSAN VR38DETT (2009-2014)			3.760"/95.5mm x 3.480"/88.4mm				43
Thrust Washer Set		TW-722S	STD					
44	4.0L 3954 CC DOHC 24V V6 NISSAN VQ40 (2005-2008)			3.760"/95.5mm x 3.620"/91.9mm				44
Thrust Washer Set		TW-720S	STD					
45	4.0L 3954 CC DOHC 24V V6 NISSAN VQ40DE (2005-2014)			3.760"/95.5mm x 3.620"/91.9mm				45
Connecting Rod Bearing Set	TM-1	CB-1915P(6)	STD, .25mm, .50mm	2.1250		0.0592	2.2441	0.6732
Main Bearing Set		MS-2343P	STD, .25mm, .50mm					
For Years: 2005 - 2013								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-720S								
Thrust Washer Set		TW-720S	STD					
For Years: 2005 - 2013								



NISSAN

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
								8 CYL
46	5.6L 5552 CC DOHC 32V V8 NISSAN VK56DE (2004-2013)			3.850"/98.0mm x 3.620"/92.0mm				46
Connecting Rod Bearing Pair (8)	AL-3	CB-1894P	STD,.25mm,.50mm	2.1243/2.1250	0.0008/0.0015	0.0587	2.2441/2.2446	0.0858
Connecting Rod Bearing Set	AL-5	CB-1894A(8)	STD,.25mm,.50mm	2.1243/2.1250	0.0007/0.0025	0.0592	2.2441/2.2446	0.7200
Main Bearing Set 1-2-3-4-5 3	TM-1	MS-2300P MB-3919P MB-3920W	STD,.25mm,.50mm			0.0976		0.7913
47	5.6L 5552 CC 339 CID DOHC 32V V8 NISSAN VK56DE (2010-2013)			3.850"/98.0mm x 3.620"/92.0mm				47
Connecting Rod Bearing Pair (8)	AL-3	CB-1894P	STD,.25mm,.50mm	2.1243/2.1250	0.0008/0.0015	0.0587	2.2441/2.2446	0.0858
Connecting Rod Bearing Set	AL-5	CB-1894A(8)	STD,.25mm,.50mm	2.1243/2.1250	0.0007/0.0025	0.0592	2.2441/2.2446	0.7200

PEUGEOT

ENGINE	YEAR	BORE & STROKE	BLOCK
1.3L 1288 CC 79 CID SOHC 8V L4 XL-3	1971-1972	2.990"/76.0mm x 2.800"/71.0mm	1
1.6L 1618 CC OHV 8V L4	1967	3.310"/84.0mm x 2.870"/73.0mm	2
1.6L 1618 CC 99 CID OHV 8V L4 XC-6	1967	3.310"/84.0mm x 2.870"/73.0mm	2
1.8L 1796 CC 110 CID OHV 8V L4 XM-1	1970	3.310"/84.0mm x 3.190"/81.0mm	2

MODEL	ENGINE	YEAR	BLOCK
304	1.3L 1288 CC 79 CID SOHC 8V L4	1971-1972	1
404	1.6L 1618 CC OHV 8V L4	1967	2
404	1.6L 1618 CC 99 CID OHV 8V L4	1967	2
504	1.8L 1796 CC 110 CID OHV 8V L4	1970	2

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
								4 CYL
1	1.3L 1288 CC 79 CID SOHC 8V L4 PEUGEOT XL-3 (1971-1972)			2.990"/76.0mm x 2.800"/71.0mm				1
Connecting Rod Bearing Pair (4)	AL-5	CB-1332A	STD,10	1.7916/1.7924	0.0012/0.0033	0.0607	1.9145/1.9152	0.7560



PEUGEOT

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
2	1.6L 1618 CC OHV 8V L4 PEUGEOT (1967)			3.310"/84.0mm x 2.870"/73.0mm				2
	1.6L 1618 CC 99 CID OHV 8V L4 PEUGEOT XC-6 (1967)			3.310"/84.0mm x 2.870"/73.0mm				
	1.8L 1796 CC 110 CID OHV 8V L4 PEUGEOT XM-1 (1970)			3.310"/84.0mm x 3.190"/81.0mm				
Connecting Rod Bearing Pair (4)	AL-5	CB-1110A	STD, .25mm, .50mm, .75mm	2.0842/2.0848	0.0014/0.0036	0.0596	2.2049/2.2055	0.8710
Connecting Rod Bearing Set	AL-5	CB-1110A(4)	STD, .25mm, .50mm, .75mm	2.0842/2.0848	0.0014/0.0036	0.0596	2.2049/2.2055	0.8710
Thrust Washer Set		TW-231S	STD					
		MB-649W(L)		2.7560/2.7760			3.3660/3.3860	0.0800
		MB-649W(U)		2.7560/2.7760			3.3660/3.3860	0.0800
Camshaft Bearing Set	B-1	SH-1066S	STD					
1		SH-1066		1.7695/1.7701	0.0007/0.0039	0.0793	1.9295/1.9305	0.9500
2-3		SH-1067		1.7695/1.7701	0.0007/0.0039	0.0793	1.9295/1.9305	0.7140

RENAULT

ENGINE	YEAR	BORE & STROKE	BLOCK
1.3L 1289 CC 79 CID OHV 8V L4 810	1968-1971	2.870"/73.0mm x 3.030"/77.0mm	1
1.3L 1289 CC OHV 8V L4	1976-1979	2.870"/73.0mm x 3.030"/77.0mm	1
1.4L 1397 CC 85 CID OHV 8V L4	1980-1987	2.990"/76.0mm x 3.030"/77.0mm	1
1.4L 1397 CC OHV 8V L4	1985-1986	2.990"/76.0mm x 3.030"/77.0mm	1
1.6L 1565 CC OHV 8V L4	1982-1984	3.030"/77.0mm x 3.310"/84.0mm	2
1.6L 1565 CC 96 CID OHV 8V L4 807, 821	1968-1974	3.030"/77.0mm x 3.310"/84.0mm	2
1.6L 1647 CC OHV 8V L4	1975	3.110"/79.0mm x 3.310"/84.0mm	2
1.6L 1647 CC 100 CID OHV 8V L4	1975-1983	3.110"/79.0mm x 3.310"/84.0mm	2
1.6L 1647 CC 101 CID OHV 8V L4 841, 843	1972-1974	3.110"/79.0mm x 3.310"/84.0mm	2
1.6L 1598 CC 98 CID DOHC 16V L4 K4M	2004-2010		3
1.7L 105 CID SOHC 8V L4	1985-1987	3.190"/81.0mm x 3.290"/83.5mm	4

MODEL	ENGINE	YEAR	BLOCK
Alliance	1.4L 1397 CC OHV 8V L4	1985-1986	1
Alliance	1.4L 1397 CC 85 CID OHV 8V L4	1983-1987	1
Alliance	1.7L 105 CID SOHC 8V L4	1985-1987	4
Clio	1.6L 1598 CC 98 CID DOHC 16V L4	2004-2009	3
Encore	1.4L 1397 CC 85 CID OHV 8V L4	1984-1986	1
Encore	1.7L 105 CID SOHC 8V L4	1985-1986	4
Euro Clio	1.6L 1598 CC 98 CID DOHC 16V L4	2007	3



RENAULT

MODEL	ENGINE	YEAR	BLOCK
Fuego	1.6L 1565 CC OHV 8V L4	1982-1984	2
Fuego	1.6L 1647 CC 100 CID OHV 8V L4	1982-1983	2
Kangoo Express	1.6L 1598 CC 98 CID DOHC 16V L4	2004-2010	3
LeCar	1.3L 1289 CC OHV 8V L4	1977-1979	1
LeCar	1.4L 1397 CC 85 CID OHV 8V L4	1980-1983	1
R10	1.3L 1289 CC 79 CID OHV 8V L4	1968-1971	1
R12	1.6L 1565 CC 96 CID OHV 8V L4	1971-1972	2
R12	1.6L 1647 CC 100 CID OHV 8V L4	1975-1977	2
R12	1.6L 1647 CC 101 CID OHV 8V L4	1973-1974	2
R15	1.6L 1565 CC 96 CID OHV 8V L4	1972	2
R15	1.6L 1647 CC 100 CID OHV 8V L4	1975-1976	2
R15	1.6L 1647 CC 101 CID OHV 8V L4	1972-1974	2
R16	1.6L 1565 CC 96 CID OHV 8V L4	1968-1972	2
R17	1.6L 1647 CC OHV 8V L4	1975	2
R17	1.6L 1565 CC 96 CID OHV 8V L4	1972-1974	2
R17	1.6L 1647 CC 100 CID OHV 8V L4	1976-1979	2
R17	1.6L 1647 CC 101 CID OHV 8V L4	1973-1974	2
R18i	1.6L 1647 CC 100 CID OHV 8V L4	1981-1983	2
R5	1.3L 1289 CC OHV 8V L4	1976	1
Sandero	1.6L 1598 CC 98 CID DOHC 16V L4	2010	3
Stepway	1.6L 1598 CC 98 CID DOHC 16V L4	2010	3

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
								4 CYL
1	1.3L 1289 CC OHV 8V L4 RENAULT (1976-1979)				2.870"/73.0mm x 3.030"/77.0mm			1
	1.3L 1289 CC 79 CID OHV 8V L4 RENAULT 810 (1968-1971)				2.870"/73.0mm x 3.030"/77.0mm			
	1.4L 1397 CC OHV 8V L4 RENAULT VIN Code: 'E' (1985-1986)				2.990"/76.0mm x 3.030"/77.0mm			
	1.4L 1397 CC 85 CID OHV 8V L4 RENAULT VIN Codes: 'A' (1980-1983), 'D' (1983-1987), 'E' (1983-1984)				2.990"/76.0mm x 3.030"/77.0mm			
	Connecting Rod Bearing Pair (4)	AL-5	CB-1005A	STD,.25mm,.50mm,.75mm,1.00mm	1.7309/1.7315	0.0016/0.0026	0.0711	
Connecting Rod Bearing Set	AL-5	CB-1005A(4)	STD,.25mm,.50mm,.75mm,1.00mm	1.7309/1.7315	0.0016/0.0026	0.0711	1.8746/1.8750	0.6980
2	1.6L 1565 CC OHV 8V L4 (1982-1984)				3.030"/77.0mm x 3.310"/84.0mm			2
	1.6L 1565 CC 96 CID OHV 8V L4 807, 821 (1968-1974)				3.030"/77.0mm x 3.310"/84.0mm			
	1.6L 1647 CC OHV 8V L4 (1975)				3.110"/79.0mm x 3.310"/84.0mm			
	1.6L 1647 CC 100 CID OHV 8V L4 (1975-1983)				3.110"/79.0mm x 3.310"/84.0mm			
	1.6L 1647 CC 101 CID OHV 8V L4 841, 843 (1972-1974)				3.110"/79.0mm x 3.310"/84.0mm			
Connecting Rod Bearing Pair (4)	AL-5	CB-1202A	STD,10	1.8897/1.8905	0.0018/0.0035	0.0696	2.0309/2.0315	0.8550



RENAULT

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
2 (cont.)	1.6L 1565 CC OHV 8V L4 (1982-1984)			3.030"/77.0mm x 3.310"/84.0mm				2 (cont.)
	1.6L 1565 CC 96 CID OHV 8V L4 807, 821 (1968-1974)			3.030"/77.0mm x 3.310"/84.0mm				
	1.6L 1647 CC OHV 8V L4 (1975)			3.110"/79.0mm x 3.310"/84.0mm				
	1.6L 1647 CC 100 CID OHV 8V L4 (1975-1983)			3.110"/79.0mm x 3.310"/84.0mm				
	1.6L 1647 CC 101 CID OHV 8V L4 841, 843 (1972-1974)			3.110"/79.0mm x 3.310"/84.0mm				
Connecting Rod Bearing Set	AL-5	CB-1202A(4)	STD,10	1.8897/1.8905	0.0018/0.0035	0.0696	2.0309/2.0315	0.8550
3	1.6L 1598 CC 98 CID DOHC 16V L4 RENAULT K4M (2004-2010)							3
Connecting Rod Bearing Pair (4)	AL-5	CB-1928A	STD, .25mm, .50mm	1.7307/1.7315	0.0002/0.0012	0.0710	1.8744/1.8751	0.6990
Connecting Rod Bearing Set	AL-5	CB-1928A(4)	STD, .25mm, .50mm	1.7307/1.7315	0.0002/0.0012	0.0710	1.8744/1.8751	0.6990
4	1.7L 105 CID SOHC 8V L4 RENAULT VIN Code: 'A' (1985-1987)			3.190"/81.0mm x 3.290"/83.5mm				4
Connecting Rod Bearing Pair (4)	AL-3	CB-1310AL	STD	1.8898/1.8906	0.0018/0.0031	0.0693	2.0310/2.0315	0.8070

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ENGINE	YEAR	BORE & STROKE	BLOCK
1.5L 1498 CC 91 CID OHV 8V V4 FORD EUROPE	1967-1970	3.540"/90.0mm x 2.320"/58.9mm	1
1.7L 1699 CC 104 CID OHV 8V V4 FORD EUROPE	1969-1974	3.540"/90.0mm x 2.630"/66.8mm	2
2.5L 2458 CC SOHC 16V H4 SUBARU EJ253	2006	3.920"/99.5mm x 3.110"/79.0mm	3
2.5L 2458 CC DOHC 16V H4 SUBARU EJ255	2006	3.920"/99.5mm x 3.110"/79.0mm	3
2.8L 2792 CC 170 CID DOHC 24V V6 GMC A28NER, B284, B284R, LAU	2006-2011	3.500"/89.0mm x 2.940"/74.8mm	4
4.2L 256 CID DOHC 24V L6 GMC; Vortec	2005-2009	3.660"/93.0mm x 4.000"/102.0mm	5
5.3L 5328 CC 325 CID OHV 16V V8 GMC LH6; Vortec	2005-2009	3.780"/96.0mm x 3.620"/92.0mm	6
6.0L 5967 CC 364 CID OHV 16V V8 GMC	2008-2009	4.000"/101.6mm x 3.620"/92.0mm	7

MODEL	ENGINE	YEAR	BLOCK
9-2X	2.5L 2458 CC DOHC 16V H4 SUBARU	2006	3
9-2X	2.5L 2458 CC SOHC 16V H4 SUBARU	2006	3
9-3	2.8L 2792 CC 170 CID DOHC 24V V6 GMC	2006-2009	4
9-4X	2.8L 2792 CC 170 CID DOHC 24V V6 GMC	2011	4



SAAB

MODEL	ENGINE	YEAR	BLOCK
95	1.5L 1498 CC 91 CID OHV 8V V4 FORD EUROPE	1967-1970	1
95	1.7L 1699 CC 104 CID OHV 8V V4 FORD EUROPE	1969-1973	2
9-5	2.8L 2792 CC 170 CID DOHC 24V V6 GMC	2010-2011	4
96	1.5L 1498 CC 91 CID OHV 8V V4 FORD EUROPE	1967-1970	1
96	1.7L 1699 CC 104 CID OHV 8V V4 FORD EUROPE	1969-1973	2
9-7x	4.2L 256 CID DOHC 24V L6 GMC; Vortec	2005-2009	5
9-7x	5.3L 5328 CC 325 CID OHV 16V V8 GMC; Vortec	2005-2009	6
9-7x	6.0L 5967 CC 364 CID OHV 16V V8 GMC	2008-2009	7
Monte Carlo	1.5L 1498 CC 91 CID OHV 8V V4 FORD EUROPE	1967	1
Sonett	1.5L 1498 CC 91 CID OHV 8V V4 FORD EUROPE	1968-1969	1
Sonett	1.7L 1699 CC 104 CID OHV 8V V4 FORD EUROPE	1970-1974	2

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1.5L 1498 CC 91 CID OHV 8V V4 FORD EUROPE (1967-1970)			3.540"/90.0mm x 2.320"/58.9mm			1	
Connecting Rod Bearing Pair (4)	AL-5	CB-723A	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490
Connecting Rod Bearing Pair (4)	AL-5	CB-1795A-10	20,30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1795A-10(6)	20,30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
2	1.7L 1699 CC 104 CID OHV 8V V4 FORD EUROPE (1969-1974)			3.540"/90.0mm x 2.630"/66.8mm			2	
Connecting Rod Bearing Pair (6)	AL-5	CB-723A	STD,10,20,30,40	2.1252/2.1260	0.0004/0.0030	0.0553	2.2370/2.2378	0.6490
Connecting Rod Bearing Pair (4)	AL-5	CB-1795A-10	20,30	2.1252/2.1260	0.0004/0.0030	0.0563	2.2390/2.2398	0.6490
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
3	2.5L 2458 CC SOHC 16V H4 SUBARU EJ253 (2006)			3.920"/99.5mm x 3.110"/79.0mm			3	
	2.5L 2458 CC DOHC 16V H4 SUBARU EJ255 (2006)			3.920"/99.5mm x 3.110"/79.0mm				
Connecting Rod Bearing Pair (4)	AL-3	CB-1657P	STD,.25mm,.50mm	2.0466/2.0472	0.0006/0.0025	0.0589	2.1654/2.1661	0.6496
NOTE: For 52mm Shaft Size Engine								
6 CYL								
4	2.8L 2792 CC 170 CID DOHC 24V V6 GMC A28NER, B284, B284R, LAU (2006-2011)			3.500"/89.0mm x 2.940"/74.8mm			4	
Connecting Rod Bearing Pair (6)	AL-5	CB-1877A	STD,10,20	2.2044/2.2050	0.0004/0.0023	0.0709	2.3472/2.3479	0.7300



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
4 (cont.)	2.8L 2792 CC 170 CID DOHC 24V V6 GMC A28NER, B284, B284R, LAU (2006-2011)			3.500"/89.0mm x 2.940"/74.8mm				4 (cont.)
Connecting Rod Bearing Pair (6)	AL-5	CB-1879A-10	20	2.2044/2.2050	0.0004/0.0023	0.0719	2.3492/2.3499	0.7300
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1877A(6)	STD,10,20	2.2044/2.2050	0.0004/0.0023	0.0709	2.3472/2.3479	0.7300
Connecting Rod Bearing Set	AL-5	CB-1879A-10(6)	20	2.2044/2.2050	0.0004/0.0023	0.0719	2.3492/2.3499	0.7300
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set 1-2-4	AL-5	MS-2276A	STD,10,20	2.6769/2.6775	0.0002/0.0020	0.0955	2.8687/2.8694	0.7776
3		MB-3886A		2.6769/2.6775	0.0002/0.0020	0.0955	2.8687/2.8694	0.9563
		MB-3887A(F)						
5	4.2L 256 CID DOHC 24V L6 GMC; Vortec VIN Code: 'S' (2005-2009)			3.660"/93.0mm x 4.000"/102.0mm				5
Connecting Rod Bearing Pair (8)	AL-5	CB-1882A	STD,10,20,30	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
For Years: 2006 - 2009								
NOTE: with Oil Hole in Bearing								
Connecting Rod Bearing Pair (6)	AL-5	CB-1883A-10	20,30	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140
For Years: 2006 - 2009								
NOTE: with Oil Hole in Bearing, Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1882A(6)	STD,10,20,30	2.2319/2.2326	0.0005/0.0024	0.0709	2.3749/2.3755	0.8140
For Years: 2006 - 2009								
NOTE: with Oil Hole in Bearing								
Connecting Rod Bearing Set	AL-5	CB-1883A-10(6)	20,30	2.2319/2.2326	0.0005/0.0024	0.0719	2.3769/2.3775	0.8140
For Years: 2006 - 2009								
NOTE: with Oil Hole in Bearing, Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set		MS-2224A	STD,10,20,30					
8 CYL								
6	5.3L 5328 CC 325 CID OHV 16V V8 GMC LH6; Vortec VIN Code: 'M' (2005-2009)			3.780"/96.0mm x 3.620"/92.0mm				6
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				8 CYL (cont.)				
6 (cont.)	5.3L 5328 CC 325 CID OHV 16V V8 GMC LH6; Vortec VIN Code: 'M' (2005-2009)			3.780"/96.0mm x 3.620"/92.0mm				6 (cont.)
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set		MS-2199A MB3592ALLSTD MB3592ALUSTD	STD,10,20,30					
1-2-4-5		MB-3591A		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592A(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
Main Bearing Set	AL-5	MS-2366A-10 MB4031A10 MB4032AF10		2.5488/2.5493	0.0002/0.0019 0.0002/0.0019	0.1107 0.1107	2.7709/2.7715 2.7709/2.7715	0.8050 1.0275
NOTE: .020in Oversize Housing Bore								
Main Bearing Set	TM-77	MS-2199P MB-3591P MB-3592P(F)	STD,10,20	2.5588/2.5593 2.5588/2.5593	0.0002/0.0018 0.0002/0.0018	0.0957 0.0957	2.7509/2.7515 2.7509/2.7515	0.8050 1.0280
Camshaft Bearing Set	B-1	SH-2125S SH-1995A SH-2124 SH-2125	STD	2.1650/2.1670 2.1650/2.1670 2.1650/2.1670	0.0022/0.0074 0.0010/0.0062 0.0010/0.0062	0.0890 0.0799 0.0700	2.3472/2.3492 2.3276/2.3295 2.3079/2.3098	0.7800 0.7800 0.7800
For Years: 2005 - 2007								
NOTE: Non Coated								
Camshaft Bearing Set	B-1	SH-2199S	STD					
For Years: 2005 - 2007								
NOTE: Coated								
7	6.0L 5967 CC 364 CID OHV 16V V8 GMC VIN Code: 'H' (2008-2009)			4.000"/101.6mm x 3.620"/92.0mm				7
Connecting Rod Bearing Pair (8)	AL-5	CB-663A	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	AL-5	CB-1776A	STD,10,20,30	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Pair (8)	TM-77	CB-663P	STD,1,2,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Pair (8)	TM-77	CB-1776P-40						
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-663A(8)	STD,1,10,20,30,40	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Connecting Rod Bearing Set	AL-5	CB-1776A(8)	STD,10,20,30,P40	2.0990/2.1000	0.0007/0.0032	0.0630	2.2267/2.2272	0.8420
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
7 (cont.)	6.0L 5967 CC 364 CID OHV 16V V8 GMC VIN Code: 'H' (2008-2009)			4.000"/101.6mm x 3.620"/92.0mm			7 (cont.)	
Connecting Rod Bearing Set	TM-77	CB-663P(8)	STD,1,10,20,30,40,C60	2.0990/2.1000	0.0012/0.0037	0.0620	2.2247/2.2252	0.8420
Main Bearing Set		MS-2199A	STD,10,20,30					
		MB3592ALLSTD						
		MB3592ALUSTD						
1-2-4-5		MB-3591A		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592A(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
For Year: 2008								
Main Bearing Set	AL-5	MS-2366A-10						
1,2,3,4		MB4031A10		2.5488/2.5493	0.0002/0.0019	0.1107	2.7709/2.7715	0.8050
5		MB4032AF10			0.0002/0.0019	0.1107	2.7709/2.7715	1.0275
For Year: 2008								
NOTE: .020in Oversize Housing Bore								
Main Bearing Set	TM-77	MS-2199P	STD,10,20					
1-2-4-5		MB-3591P		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	0.8050
3		MB-3592P(F)		2.5588/2.5593	0.0002/0.0018	0.0957	2.7509/2.7515	1.0280
For Year: 2008								
Camshaft Bearing Set	B-1	SH-2125S	STD					
1-5		SH-1995A		2.1650/2.1670	0.0022/0.0074	0.0890	2.3472/2.3492	0.7800
2-4		SH-2124		2.1650/2.1670	0.0010/0.0062	0.0799	2.3276/2.3295	0.7800
3		SH-2125		2.1650/2.1670	0.0010/0.0062	0.0700	2.3079/2.3098	0.7800
For Year: 2008								
NOTE: Non Coated								
Camshaft Bearing Set	B-2	SH-2157S	STD					
For Year: 2009								
Camshaft Bearing Set	B-1	SH-2199S	STD					
For Year: 2008								
NOTE: Coated								

SCION

ENGINE	YEAR	BORE & STROKE	BLOCK
1.5L 1497 CC DOHC 16V L4 TOYOTA 1NZFE; VVTi	2004-2006	2.950"/75.0mm x 3.330"/84.8mm	1
1.8L 1798 CC 110 CID DOHC 16V L4 TOYOTA 2ZRFAE	2016	3.170"/80.5mm x 3.480"/88.3mm	3
1.8L 1798 CC DOHC 16V L4 TOYOTA 2ZRFE	2008-2014	3.170"/80.5mm x 3.480"/88.3mm	2
2.4L 2398 CC DOHC 16V L4 TOYOTA 2AZFE	2005-2013	3.480"/88.5mm x 3.770"/96.0mm	4



SCION

MODEL	ENGINE	YEAR	BLOCK
iM	1.8L 1798 CC 110 CID DOHC 16V L4 TOYOTA	2016	3
tC	2.4L 2398 CC DOHC 16V L4 TOYOTA	2005-2010	4
xA	1.5L 1497 CC DOHC 16V L4 TOYOTA; VVTi	2004-2006	1
xB	1.5L 1497 CC DOHC 16V L4 TOYOTA; VVTi	2004-2006	1
xB	2.4L 2398 CC DOHC 16V L4 TOYOTA	2008-2013	4
xD	1.8L 1798 CC DOHC 16V L4 TOYOTA	2008-2014	2

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL				
1	1.5L 1497 CC DOHC 16V L4 TOYOTA 1NZFE; VVTi (2004-2006)			2.950"/75.0mm x 3.330"/84.8mm				1
Connecting Rod Bearing Pair (4)	AL-3	CB-1864A	STD, .25mm, .50mm	1.5745/1.5748		0.0587	1.6929	0.5354
Connecting Rod Bearing Set	AL-3	CB-1864A(4)	STD, .25mm, .50mm	1.5745/1.5748		0.0587	1.6929	0.5354
Main Bearing Set		MS-2268A	STD, .25mm, .50mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-684S								
Thrust Washer Set		TW-684S MB-3904W	STD	2.1161			2.7461	0.0976
2	1.8L 1798 CC DOHC 16V L4 TOYOTA 2ZRFE VIN Code: 'U' (2014)			3.170"/80.5mm x 3.480"/88.3mm				2
Connecting Rod Bearing Set	AL-3	CB-1983A(4)	STD, .25mm, .50mm					
		CB1983A		1.7327		0.0588	1.8512	0.5709
Main Bearing Set	AL-5	MS-2361A MB4052A	STD					
Thrust Washer Set		TW-726S TW726S	STD					
3	1.8L 1798 CC 110 CID DOHC 16V L4 TOYOTA 2ZRFAE (2016)			3.170"/80.5mm x 3.480"/88.3mm				3
Connecting Rod Bearing Set	AL-3	CB-1983A(4)	STD, .25mm, .50mm					
		CB1983A		1.7327		0.0588	1.8512	0.5709
Thrust Washer Set		TW-726S TW726S	STD					
4	2.4L 2398 CC DOHC 16V L4 TOYOTA 2AZFE (2005-2013)			3.480"/88.5mm x 3.770"/96.0mm				4
Connecting Rod Bearing Pair (4)	AL-3	CB-1835A	STD, .25mm, .50mm	1.8894/1.8898	0.0005/0.0023	0.0588	2.0079/2.0087	0.6140
Connecting Rod Bearing Set	AL-3	CB-1835A(4)	STD, .25mm, .50mm	1.8894/1.8898	0.0005/0.0023	0.0588	2.0079/2.0087	0.6140
Main Bearing Set		MS-2243A MB2243A	STD, .25mm, .50mm	2.1653		0.0786	2.3228	0.6614
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-619S								
Thrust Washer Set		TW-619S MB-3821W	STD	2.3819/2.3917			3.0610/3.0709	0.0780



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ENGINE	YEAR	BORE & STROKE	BLOCK
1.2L 1189 CC SOHC 9V L3	1987-1994	3.070"/78.0mm x 3.270"/83.0mm	1
1.1L 1088 CC 66 CID OHV 8V H4 EA61	1970-1971	2.990"/76.0mm x 2.360"/60.0mm	2
1.3L 1267 CC 77 CID OHV 8V H4 EA62	1970-1972	3.230"/82.0mm x 2.360"/60.0mm	2
1.4L 1361 CC 83 CID OHV 8V H4 EA63	1973-1974	3.350"/85.0mm x 2.360"/60.0mm	2
1.4L 1361 CC OHV 8V H4	1975-1976	3.350"/85.0mm x 2.360"/60.0mm	2
1.6L 1595 CC OHV 8V H4	1976-1987	3.620"/92.0mm x 2.360"/60.0mm	2
1.8L 1781 CC OHV 8V H4	1980-1987	3.620"/92.0mm x 2.630"/67.0mm	3
1.8L 1781 CC SOHC 8V H4	1985-1994	3.620"/92.0mm x 2.630"/67.0mm	3
1.8L 1781 CC OHV 8V H4 EA81	1980	3.620"/92.0mm x 2.630"/67.0mm	2
1.8L 1781 CC SOHC 16V H4	1993-1997	3.460"/87.9mm x 2.950"/75.0mm	4
2.0L 1994 CC DOHC 16V H4 EJ205	2002-2005	3.620"/92.0mm x 2.950"/75.0mm	5
2.2L 2212 CC SOHC 16V H4 EJ223, EJ22E, EJ22EZ	1990-1999	3.820"/96.9mm x 2.950"/75.0mm	4
2.2L 2212 CC SOHC 16V H4	1996-1999	3.820"/96.9mm x 2.950"/75.0mm	6
2.2L 2212 CC SOHC 16V H4 EJ222	1999-2001	3.820"/96.9mm x 2.950"/75.0mm	7
2.2L 2212 CC SOHC 16V H4 EJ22E	1995	3.820"/96.9mm x 2.950"/75.0mm	8
2.5L 2458 CC DOHC 16V H4 EJ25D	1996-1999	3.920"/99.5mm x 3.110"/79.0mm	8
2.5L 2458 CC SOHC 16V H4 EJ251, EJ252, EJ259	2000-2004	3.920"/99.5mm x 3.110"/79.0mm	5
2.5L 2458 CC SOHC 16V H4 EJ253	1999-2012	3.920"/99.5mm x 3.110"/79.0mm	9
2.5L 2458 CC DOHC 16V H4 EJ255	2004-2014	3.920"/99.5mm x 3.110"/79.0mm	9
2.5L 2458 CC DOHC 16V H4 EJ257	2004-2015	3.920"/99.5mm x 3.110"/79.0mm	10
2.5L 2458 CC DOHC 16V H4 EJ25D	1998	3.920"/99.5mm x 3.110"/79.0mm	4
2.7L 2672 CC SOHC 12V H6	1988-1991	3.620"/92.0mm x 2.630"/67.0mm	11

MODEL	ENGINE	YEAR	BLOCK
1400	1.4L 1361 CC 83 CID OHV 8V H4	1973-1974	2
Baja	2.5L 2458 CC SOHC 16V H4	2003-2006	9
Baja	2.5L 2458 CC DOHC 16V H4	2004-2006	9
Brat	1.6L 1595 CC OHV 8V H4	1978-1980	2
Brat	1.8L 1781 CC OHV 8V H4	1980	2
Brat	1.8L 1781 CC OHV 8V H4	1981-1987	3
Deluxe	1.3L 1267 CC 77 CID OHV 8V H4	1972	2
Deluxe	1.4L 1361 CC 83 CID OHV 8V H4	1973	2
DL	1.4L 1361 CC OHV 8V H4	1975-1976	2
DL	1.6L 1595 CC OHV 8V H4	1976-1984	2
DL	1.8L 1781 CC OHV 8V H4	1980-1984	3
DL	1.8L 1781 CC SOHC 8V H4	1985-1989	3
DL	1.4L 1361 CC 83 CID OHV 8V H4	1973-1974	2
FE	1.6L 1595 CC OHV 8V H4	1979	2
Forester	2.5L 2458 CC DOHC 16V H4	1998	4
Forester	2.5L 2458 CC SOHC 16V H4	1999-2010	9
Forester	2.5L 2458 CC SOHC 16V H4	2000-2004	5
Forester	2.5L 2458 CC DOHC 16V H4	2004-2013	9
GF	1.4L 1361 CC OHV 8V H4	1975-1976	2
GF	1.6L 1595 CC OHV 8V H4	1976-1979	2



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MODEL	ENGINE	YEAR	BLOCK
GL	1.4L 1361 CC OHV 8V H4	1975	2
GL	1.6L 1595 CC OHV 8V H4	1979-1987	2
GL	1.8L 1781 CC OHV 8V H4	1980-1987	3
GL	1.8L 1781 CC SOHC 8V H4	1985-1989	3
GL	1.3L 1267 CC 77 CID OHV 8V H4	1972	2
GL	1.4L 1361 CC 83 CID OHV 8V H4	1973-1974	2
GL-10	1.8L 1781 CC SOHC 8V H4	1985-1989	3
GLF	1.6L 1595 CC OHV 8V H4	1980	2
GLF	1.8L 1781 CC OHV 8V H4	1980-1982	3
Impreza	1.8L 1781 CC SOHC 16V H4	1993-1997	4
Impreza	2.0L 1994 CC DOHC 16V H4	2002-2005	5
Impreza	2.2L 2212 CC SOHC 16V H4	1995	8
Impreza	2.2L 2212 CC SOHC 16V H4	1995-1999	4
Impreza	2.2L 2212 CC SOHC 16V H4	1996-1997	6
Impreza	2.2L 2212 CC SOHC 16V H4	1999-2001	7
Impreza	2.5L 2458 CC DOHC 16V H4	1998	4
Impreza	2.5L 2458 CC SOHC 16V H4	1999-2011	9
Impreza	2.5L 2458 CC SOHC 16V H4	2000-2004	5
Impreza	2.5L 2458 CC DOHC 16V H4	2004-2014	10
Impreza	2.5L 2458 CC DOHC 16V H4	2006-2014	9
Justy	1.2L 1189 CC SOHC 9V L3	1987-1994	1
Legacy	2.2L 2212 CC SOHC 16V H4	1990-1999	4
Legacy	2.2L 2212 CC SOHC 16V H4	1995	8
Legacy	2.2L 2212 CC SOHC 16V H4	1996-1999	6
Legacy	2.5L 2458 CC DOHC 16V H4	1996-1999	8
Legacy	2.5L 2458 CC SOHC 16V H4	2000-2004	5
Legacy	2.5L 2458 CC SOHC 16V H4	2001-2012	9
Legacy	2.5L 2458 CC DOHC 16V H4	2005-2012	9
Loyale	1.8L 1781 CC SOHC 8V H4	1990-1994	3
Outback	2.5L 2458 CC SOHC 16V H4	2000-2004	5
Outback	2.5L 2458 CC SOHC 16V H4	2001-2012	9
Outback	2.5L 2458 CC DOHC 16V H4	2005-2009	9
RX	1.8L 1781 CC SOHC 8V H4	1985-1989	3
Standard	1.4L 1361 CC OHV 8V H4	1976	2
Standard	1.6L 1595 CC OHV 8V H4	1977-1987	2
Standard	1.8L 1781 CC OHV 8V H4	1981-1987	3
Star	1.1L 1088 CC 66 CID OHV 8V H4	1970-1971	2
Star	1.3L 1267 CC 77 CID OHV 8V H4	1970-1972	2
WRX STI	2.5L 2458 CC DOHC 16V H4	2013-2015	10
XT	1.8L 1781 CC SOHC 8V H4	1985-1991	3
XT	2.7L 2672 CC SOHC 12V H6	1988-1991	11

SUBARU

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
3 CYL								
1	1.2L 1189 CC SOHC 9V L3 SUBARU VIN Codes: '7' (1987-1990), '8' (1988-1991)			3.070"/78.0mm x 3.270"/83.0mm				1
Main Bearing Set	TM-1	MS-2003P	STD					
1-2-3		MB-3459P		1.6525/1.6530	0.0008/0.0024	0.0594	1.7717/1.7723	0.7930
4		MB-3460P(F)		1.6525/1.6530	0.0008/0.0024	0.0594	1.7717/1.7723	0.9830
4 CYL								
2	1.1L 1088 CC 66 CID OHV 8V H4 SUBARU EA61 (1970-1971)			2.990"/76.0mm x 2.360"/60.0mm				2
	1.3L 1267 CC 77 CID OHV 8V H4 SUBARU EA62 (1970-1972)			3.230"/82.0mm x 2.360"/60.0mm				
	1.4L 1361 CC OHV 8V H4 SUBARU (1975-1976)			3.350"/85.0mm x 2.360"/60.0mm				
	1.4L 1361 CC 83 CID OHV 8V H4 SUBARU EA63 (1973-1974)			3.350"/85.0mm x 2.360"/60.0mm				
	1.6L 1595 CC OHV 8V H4 SUBARU VIN Codes: '2' (1980-1987), '3' (1980)			3.620"/92.0mm x 2.360"/60.0mm				
	1.8L 1781 CC OHV 8V H4 SUBARU EA81 (1980)			3.620"/92.0mm x 2.630"/67.0mm				
Connecting Rod Bearing Pair (4)	TM-1	CB-1217P	STD	1.7717	0.0033	0.0585	1.8904	0.5510
3	1.8L 1781 CC SOHC 8V H4 SUBARU VIN Codes: '4' (1985-1986, 1988-1989), '5' (1986-1994), '7' (1987-1989)			3.620"/92.0mm x 2.630"/67.0mm				3
	1.8L 1781 CC OHV 8V H4 SUBARU VIN Codes: '4' (1983-1984), '5' (1981-1982)			3.620"/92.0mm x 2.630"/67.0mm				
Connecting Rod Bearing Pair (4)	TM-1	CB-1217P	STD	1.7717	0.0033	0.0585	1.8904	0.5510
Main Bearing Set		MS-1571A	STD, .25mm					
4	1.8L 1781 CC SOHC 16V H4 SUBARU VIN Codes: '1' (1996), '2' (1996-1997)			3.460"/87.9mm x 2.950"/75.0mm				4
	2.2L 2212 CC SOHC 16V H4 SUBARU EJ223, EJ22E, EJ22EZ VIN Codes: '3' (1996), '4' (1996-1998), '6' (1992, 1995)			3.820"/96.9mm x 2.950"/75.0mm				
	2.5L 2458 CC DOHC 16V H4 SUBARU EJ25D VIN Code: '6' (1998)			3.920"/99.5mm x 3.110"/79.0mm				
Connecting Rod Bearing Pair (4)	AL-3	CB-1657P	STD, .25mm, .50mm	2.0466/2.0472	0.0006/0.0025	0.0589	2.1654/2.1661	0.6496
NOTE: For 52mm Shaft Size Engine								
Connecting Rod Bearing Pair (4)	TM-1	CB-1850P	STD, .25mm, .50mm	1.8898	0.0006	0.0590	2.0079	0.6154
For Years: 1991 - 1999								
NOTE: For 48mm Shaft Size Engine								
Main Bearing Set		MS-2062A	STD, .25mm, .50mm					
NOTE: For Engines With Thrust Bearing In Number 3 Position								
5	2.0L 1994 CC DOHC 16V H4 SUBARU EJ205 (2002-2005)			3.620"/92.0mm x 2.950"/75.0mm				5
	2.5L 2458 CC SOHC 16V H4 SUBARU EJ251, EJ252, EJ259 VIN Code: '6' (2000-2002)			3.920"/99.5mm x 3.110"/79.0mm				
Connecting Rod Bearing Pair (4)	AL-3	CB-1657P	STD, .25mm, .50mm	2.0466/2.0472	0.0006/0.0025	0.0589	2.1654/2.1661	0.6496
NOTE: For 52mm Shaft Size Engine								



SUBARU

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
5 (cont.)	2.0L 1994 CC DOHC 16V H4 SUBARU EJ205 (2002-2005)			3.620"/92.0mm x 2.950"/75.0mm			5 (cont.)	
	2.5L 2458 CC SOHC 16V H4 SUBARU EJ251, EJ252, EJ259 VIN Code: '6' (2000-2002)			3.920"/99.5mm x 3.110"/79.0mm				
Main Bearing Set		MS-2258A	STD, .25mm, .50mm					
NOTE: For Engines With Thrust Bearing In Number 5 Position								
6	2.2L 2212 CC SOHC 16V H4 SUBARU VIN Codes: '3' (1996), '4' (1996-1999)			3.820"/96.9mm x 2.950"/75.0mm			6	
Connecting Rod Bearing Pair (4)		AL-3 CB-1657P	STD, .25mm, .50mm	2.0466/2.0472	0.0006/0.0025	0.0589	2.1654/2.1661	0.6496
NOTE: For 52mm Shaft Size Engine								
Connecting Rod Bearing Pair (4)		TM-1 CB-1850P	STD, .25mm, .50mm	1.8898	0.0006	0.0590	2.0079	0.6154
For Years: 1996 - 1998 NOTE: For 48mm Shaft Size Engine								
7	2.2L 2212 CC SOHC 16V H4 SUBARU EJ222 VIN Code: '4' (1999-2001)			3.820"/96.9mm x 2.950"/75.0mm			7	
Connecting Rod Bearing Pair (4)		AL-3 CB-1657P	STD, .25mm, .50mm	2.0466/2.0472	0.0006/0.0025	0.0589	2.1654/2.1661	0.6496
NOTE: For 52mm Shaft Size Engine								
Connecting Rod Bearing Pair (4)		TM-1 CB-1850P	STD, .25mm, .50mm	1.8898	0.0006	0.0590	2.0079	0.6154
NOTE: For 48mm Shaft Size Engine								
Main Bearing Set		MS-2062A	STD, .25mm, .50mm					
For Years: 1999 - 2000 NOTE: For Engines With Thrust Bearing In Number 3 Position								
Main Bearing Set		MS-2258A	STD, .25mm, .50mm					
For Years: 2000 - 2001 NOTE: For Engines With Thrust Bearing In Number 5 Position								
8	2.2L 2212 CC SOHC 16V H4 SUBARU EJ22E VIN Code: '6' (1995)			3.820"/96.9mm x 2.950"/75.0mm			8	
	2.5L 2458 CC DOHC 16V H4 SUBARU EJ25D VIN Code: '6' (1996-1998)			3.920"/99.5mm x 3.110"/79.0mm				
Connecting Rod Bearing Pair (4)		AL-3 CB-1657P	STD, .25mm, .50mm	2.0466/2.0472	0.0006/0.0025	0.0589	2.1654/2.1661	0.6496
NOTE: For 52mm Shaft Size Engine								
Main Bearing Set		MS-2062A	STD, .25mm, .50mm					
NOTE: For Engines With Thrust Bearing In Number 3 Position								
9	2.5L 2458 CC SOHC 16V H4 SUBARU EJ253 (1999-2012)			3.920"/99.5mm x 3.110"/79.0mm			9	
	2.5L 2458 CC DOHC 16V H4 SUBARU EJ255 (2004-2014)			3.920"/99.5mm x 3.110"/79.0mm				
Connecting Rod Bearing Pair (4)		AL-3 CB-1657P	STD, .25mm, .50mm	2.0466/2.0472	0.0006/0.0025	0.0589	2.1654/2.1661	0.6496
For Years: 1999 - 2011 NOTE: For 52mm Shaft Size Engine								
Main Bearing Set		MS-2062A	STD, .25mm, .50mm					
For Years: 1999 - 2012 NOTE: For Engines With Thrust Bearing In Number 3 Position								
Main Bearing Set		MS-2258A	STD, .25mm, .50mm					
For Years: 2001 - 2014 NOTE: For Engines With Thrust Bearing In Number 5 Position								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
10	2.5L 2458 CC DOHC 16V H4 SUBARU EJ257 (2004-2015)			3.920"/99.5mm x 3.110"/79.0mm				10
Main Bearing Set		MS-2258A	STD, .25mm, .50mm					
NOTE: For Engines With Thrust Bearing In Number 5 Position								
6 CYL								
11	2.7L 2672 CC SOHC 12V H6 SUBARU VIN Codes: '8' (1988-1991), '9' (1988-1991)			3.620"/92.0mm x 2.630"/67.0mm				11
Connecting Rod Bearing Pair (6)	AL-3	CB-1470AL	STD	1.7715/1.7720	0.0004/0.0039	0.0587	1.8898/1.8904	0.5760

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ENGINE	YEAR	BORE & STROKE	BLOCK
1.0L 970 CC 59 CID SOHC 8V L4 F10A	1983-1985	2.580"/65.5mm x 2.830"/72.0mm	1
1.3L 1325 CC 81 CID SOHC 8V L4	1986-1989	2.910"/74.0mm x 3.030"/77.0mm	2
1.3L 1298 CC 79 CID SOHC 8V L4	1989-1995	2.910"/74.0mm x 2.970"/75.5mm	2
1.3L 1298 CC 79 CID SOHC 8V L4	1995-1997	2.910"/74.0mm x 2.970"/75.5mm	3
1.3L 1298 CC 79 CID DOHC 16V L4	1989-1994	2.910"/74.0mm x 2.970"/75.5mm	2
1.3L 1298 CC 79 CID SOHC 16V L4	1998-2001	2.910"/74.0mm x 3.030"/77.0mm	2
1.6L 1590 CC 97 CID SOHC 8V L4 G16KC	1989-1995	2.960"/75.2mm x 3.540"/90.0mm	4
1.6L 1590 CC 97 CID SOHC 16V L4 G16S	1990-2001	2.960"/75.2mm x 3.540"/90.0mm	4
2.7L 2737 CC DOHC 24V V6	2001	3.310"/84.0mm x 2.950"/75.0mm	5
2.7L 2700 CC DOHC 24V V6	2002-2004	3.310"/84.0mm x 2.950"/75.0mm	5
2.7L 2736 CC 167 CID DOHC 24V V6	2006-2008	3.460"/88.0mm x 2.950"/75.0mm	6
2.7L 2737 CC DOHC 24V V6	2005-2007	3.460"/89.0mm x 2.950"/75.0mm	5
3.6L 3564 CC DOHC 24V V6 N36A	2007-2009	3.700"/94.0mm x 3.370"/85.6mm	7

MODEL	ENGINE	YEAR	BLOCK
Esteem	1.6L 1590 CC 97 CID SOHC 16V L4	1995-2001	4
Grand Vitara	2.7L 2737 CC DOHC 24V V6	2001-2007	5
Grand Vitara	2.7L 2736 CC 167 CID DOHC 24V V6	2006-2008	6
Samurai	1.3L 1298 CC 79 CID SOHC 8V L4	1990-1995	2
Samurai	1.3L 1325 CC 81 CID SOHC 8V L4	1986-1989	2
Sidekick	1.3L 1325 CC 81 CID SOHC 8V L4	1989	2
Sidekick	1.6L 1590 CC 97 CID SOHC 8V L4	1989-1995	4
Sidekick	1.6L 1590 CC 97 CID SOHC 16V L4	1990-1998	4
SJ410	1.0L 970 CC 59 CID SOHC 8V L4	1983-1985	1
Swift	1.3L 1298 CC 79 CID DOHC 16V L4	1989-1994	2
Swift	1.3L 1298 CC 79 CID SOHC 8V L4	1989-1994	2
Swift	1.3L 1298 CC 79 CID SOHC 8V L4	1995-1997	3



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MODEL	ENGINE	YEAR	BLOCK
Swift	1.3L 1298 CC 79 CID SOHC 16V L4	1998-2001	2
Vitara	1.6L 1590 CC 97 CID SOHC 16V L4	1999-2001	4
X-90	1.6L 1590 CC 97 CID SOHC 16V L4	1996-1998	4
XL-7	2.7L 2700 CC DOHC 24V V6	2002-2004	5
XL-7	2.7L 2737 CC DOHC 24V V6	2005-2006	5
XL-7	3.6L 3564 CC DOHC 24V V6	2007-2009	7

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1.0L 970 CC 59 CID SOHC 8V L4 SUZUKI F10A (1983-1985)			2.580"/65.5mm x 2.830"/72.0mm				1
Connecting Rod Bearing Pair (4)	AL-3	CB-1452AL	STD,.25mm,.50mm, .75mm	1.4955/1.4961	0.0007/0.0025	0.0588	1.6141/1.6149	0.7090
2	1.3L 1298 CC 79 CID SOHC 8V L4 SUZUKI VIN Code: '3' (1989-1995)			2.910"/74.0mm x 2.970"/75.5mm				2
	1.3L 1298 CC 79 CID SOHC 16V L4 SUZUKI VIN Code: '2' (1998-2001)			2.910"/74.0mm x 3.030"/77.0mm				
	1.3L 1298 CC 79 CID DOHC 16V L4 SUZUKI VIN Code: '3' (1989-1994)			2.910"/74.0mm x 2.970"/75.5mm				
	1.3L 1325 CC 81 CID SOHC 8V L4 SUZUKI VIN Code: '5' (1986-1989)			2.910"/74.0mm x 3.030"/77.0mm				
Connecting Rod Bearing Pair (4)	AL-5	CB-1401A	STD,.25mm,.50mm	1.6535/1.6543	0.0008/0.0027	0.0587	1.7717/1.7724	0.7130
Connecting Rod Bearing Pair (4)	AL-3	CB-1401AL-.75mm		1.6535/1.6543	0.0008/0.0027	0.0587	1.7717/1.7724	0.7090
Connecting Rod Bearing Set	AL-5	CB-1401A(4)	STD,.25mm,.50mm	1.6535/1.6543	0.0008/0.0027	0.0587	1.7717/1.7724	0.7130
Main Bearing Set	MS-1779A		STD,.25mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-455S								
Thrust Washer Set	TW-455S		STD					
	MB-3172W			2.0472			2.6772	0.0990
3	1.3L 1298 CC 79 CID SOHC 8V L4 SUZUKI VIN Code: '2' (1995-1997)			2.910"/74.0mm x 2.970"/75.5mm				3
Connecting Rod Bearing Pair (4)	AL-5	CB-1401A	STD,.25mm,.50mm	1.6535/1.6543	0.0008/0.0027	0.0587	1.7717/1.7724	0.7130
Connecting Rod Bearing Pair (4)	AL-3	CB-1401AL-.75mm		1.6535/1.6543	0.0008/0.0027	0.0587	1.7717/1.7724	0.7090
Connecting Rod Bearing Set	AL-5	CB-1401A(4)	STD,.25mm,.50mm	1.6535/1.6543	0.0008/0.0027	0.0587	1.7717/1.7724	0.7130
Main Bearing Set	MS-1779A		STD,.25mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-455S								
4	1.6L 1590 CC 97 CID SOHC 8V L4 SUZUKI G16KC VIN Code: '0' (1989-1992)			2.960"/75.2mm x 3.540"/90.0mm				4
	1.6L 1590 CC 97 CID SOHC 16V L4 SUZUKI G16S VIN Codes: '0' (1990, 1992-1998), '1' (1996-1998), '3' (1995-1997)			2.960"/75.2mm x 3.540"/90.0mm				
Connecting Rod Bearing Pair (4)	AL-3	CB-1477A	STD,.25mm,.50mm, .75mm	1.7316/1.7325	0.0008/0.0031	0.0591	1.8504/1.8513	0.7130



SUZUKI

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
4 (cont.)	1.6L 1590 CC 97 CID SOHC 8V L4 SUZUKI G16KC VIN Code: '0' (1989-1992)			2.960"/75.2mm x 3.540"/90.0mm				4 (cont.)
	1.6L 1590 CC 97 CID SOHC 16V L4 SUZUKI G16S VIN Codes: '0' (1990, 1992-1998), '1' (1996-1998), '3' (1995-1997)			2.960"/75.2mm x 3.540"/90.0mm				
Connecting Rod Bearing Set	AL-3	CB-1477A(4)	STD,.25mm,.50mm,.75mm	1.7316/1.7325	0.0008/0.0031	0.0591	1.8504/1.8513	0.7130
Main Bearing Set		MS-1820A	STD,.25mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-478S								
Thrust Washer Set		TW-478S	STD	2.3327/2.3333			2.9531	0.0990
		MB-3209W						
6 CYL								
5	2.7L 2737 CC DOHC 24V V6 SUZUKI (2001)			3.310"/84.0mm x 2.950"/75.0mm				5
	2.7L 2700 CC DOHC 24V V6 SUZUKI (2002-2004)			3.310"/84.0mm x 2.950"/75.0mm				
	2.7L 2737 CC DOHC 24V V6 SUZUKI (2005-2007)			3.460"/89.0mm x 2.950"/75.0mm				
Thrust Washer Set		TW-708S	STD					
6	2.7L 2736 CC 167 CID DOHC 24V V6 SUZUKI (2006-2008)			3.460"/88.0mm x 2.950"/75.0mm				6
Connecting Rod Bearing Set	AL-3	CB-1947A(6)	STD,.25mm,.50mm	1.9685		0.0585	2.0866	0.6339
Main Bearing Set		MS-2325A	STD,.25mm,.50mm					
Thrust Washer Set		TW-708S	STD					
For Years: 2006 - 2007								
7	3.6L 3564 CC DOHC 24V V6 SUZUKI N36A (2007-2009)			3.700"/94.0mm x 3.370"/85.6mm				7
Connecting Rod Bearing Pair (6)	AL-5	CB-1877A	STD,10,20	2.2044/2.2050	0.0004/0.0023	0.0709	2.3472/2.3479	0.7300
Connecting Rod Bearing Pair (6)	AL-5	CB-1879A-10	20	2.2044/2.2050	0.0004/0.0023	0.0719	2.3492/2.3499	0.7300
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1877A(6)	STD,10,20	2.2044/2.2050	0.0004/0.0023	0.0709	2.3472/2.3479	0.7300
Connecting Rod Bearing Set	AL-5	CB-1879A-10(6)	20	2.2044/2.2050	0.0004/0.0023	0.0719	2.3492/2.3499	0.7300
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								

TOYOTA

ENGINE	YEAR	BORE & STROKE	BLOCK
1.1L 1077 CC 66 CID OHV 8V L4 KC	1968-1969	2.950"/75.0mm x 2.400"/61.0mm	1



TOYOTA

ENGINE	YEAR	BORE & STROKE	BLOCK
1.2L 1166 CC OHV 8V L4 3KC	1969-1979	2.950"/75.0mm x 2.590"/66.0mm	1
1.3L 1290 CC OHV 8V L4 4KC, 4KE	1981-1983	2.950"/75.0mm x 2.870"/73.0mm	1
1.5L 1452 CC SOHC 8V L4 1AC	1980	3.050"/77.5mm x 3.030"/77.0mm	2
1.5L 1452 CC SOHC 8V L4 3A	1986	3.050"/77.5mm x 3.030"/77.0mm	3
1.5L 1452 CC SOHC 8V L4 3AC	1981-1988	3.050"/77.5mm x 3.030"/77.0mm	4
1.5L 1456 CC SOHC 12V L4 3E	1987-1990	2.870"/73.0mm x 3.430"/87.0mm	5
1.5L 1456 CC SOHC 12V L4 3E-E	1990-1994	2.870"/73.0mm x 3.430"/87.0mm	6
1.5L 1497 CC DOHC 16V L4 5EFE	1992-1999	2.910"/74.0mm x 3.430"/87.0mm	5
1.5L 1497 CC DOHC 16V L4 1NZFE	2000-2009	2.950"/75.0mm x 3.330"/84.8mm	7
1.5L 1497 CC DOHC 16V L4 1NZFE; VVTi	2006-2014	2.950"/75.0mm x 3.330"/84.8mm	7
1.5L 1497 CC DOHC 16V L4 1NZFE; VVTi	2015-2016	2.950"/75.0mm x 3.330"/84.8mm	8
1.5L 1497 CC DOHC 16V L4 1NZFXE	2001-2016	2.950"/75.0mm x 3.330"/84.7mm	7
1.6L 1587 CC SOHC 8V L4 4AC	1983-1987	3.180"/81.0mm x 3.030"/77.0mm	9
1.6L 1587 CC SOHC 8V L4 4ALC	1984-1988	3.180"/81.0mm x 3.030"/77.0mm	10
1.6L 1588 CC OHV 8V L4 2TC	1971-1979	3.340"/85.0mm x 2.750"/70.1mm	11
1.6L 1588 CC 97 CID OHV 8V L4 2T	1971	3.350"/85.0mm x 2.760"/70.0mm	13
1.6L 1587 CC DOHC 16V L4 4AF, 4AFE, 4AGEC, 4AGELC	1985-1997	3.180"/81.0mm x 3.030"/77.0mm	10
1.6L 1587 CC DOHC 16V L4 4AFE	1993	3.180"/81.0mm x 3.030"/77.0mm	3
1.6L 1587 CC DOHC 16V L4 4AGZE	1988-1989	3.180"/81.0mm x 3.030"/77.0mm	12
1.8L 1770 CC OHV 8V L4 3TC	1980-1982	3.340"/85.0mm x 3.070"/78.0mm	11
1.8L 1794 CC DOHC 16V L4 1ZZFE	1998-2009	3.110"/79.0mm x 3.600"/91.5mm	14
1.8L 1798 CC DOHC 16V L4 2ZRFAE	2014-2017	3.170"/80.5mm x 3.480"/88.3mm	15
1.8L 1798 CC DOHC 16V L4 2ZRFE	2009-2017	3.170"/80.5mm x 3.480"/88.3mm	16
1.8L 1794 CC 109 CID DOHC 16V L4 2ZR-FE	2010-2015	3.170"/80.5mm x 3.480"/88.3mm	16
1.8L 1798 CC 110 CID DOHC 16V L4 2ZR-FXE, 2ZRFXE	2010-2017	3.170"/80.5mm x 3.480"/88.3mm	16
1.8L 1762 CC 107 CID DOHC 16V L4 7AFE	1993-1997	3.180"/81.0mm x 3.370"/85.5mm	17
1.9L 1858 CC 113 CID SOHC 8V L4 8R, 8RC	1969-1971	3.390"/86.0mm x 3.150"/80.0mm	18
1.9L 1897 CC 116 CID OHV 8V L4 3RC	1967-1970	3.460"/88.0mm x 3.070"/78.0mm	19
2.0L 1998 CC SOHC 8V L4 2SELC	1986	3.300"/84.0mm x 3.540"/90.0mm	20
2.0L 1995 CC SOHC 8V L4 2SELC	1983-1986	3.310"/84.0mm x 3.540"/90.0mm	21
2.0L 1998 CC 122 CID OHV 8V L4 3YEC	1984-1985	3.390"/86.0mm x 3.390"/86.0mm	24
2.0L 1968 CC 120 CID SOHC 8V L4 18RC	1972-1974	3.480"/88.5mm x 3.150"/80.0mm	23
2.0L 1998 CC DOHC 16V L4 3SGELC	1986-1989	3.380"/86.0mm x 3.380"/86.0mm	22
2.0L 1998 CC 122 CID DOHC 16V L4 3SFE	1987-1991	3.390"/86.0mm x 3.390"/86.0mm	25
2.0L 1998 CC 122 CID DOHC 16V L4 3SFE	1996-2000	3.390"/86.0mm x 3.390"/86.0mm	21
2.0L 1998 CC 122 CID DOHC 16V L4 3SGTE	1988-1995	3.390"/86.0mm x 3.390"/86.0mm	26
2.2L 2164 CC DOHC 4V L4 5S-FE	1997-2001	3.425"/87.0mm x 3.580"/91.0mm	27
2.2L 2189 CC SOHC 8V L4 20R	1975-1980	3.480"/88.5mm x 3.500"/89.0mm	28
2.2L 2188 CC SOHC 8V L4 L	1981-1983	3.480"/90.0mm x 3.500"/88.9mm	29
2.2L 2237 CC OHV 8V L4 4YEC	1986-1989	3.590"/91.0mm x 3.390"/86.0mm	24
2.2L 2164 CC DOHC 16V L4 5SFE, 5SFNE	1990-2001	3.430"/87.0mm x 3.580"/91.0mm	30
2.4L 2366 CC SOHC 8V L4 22R	1981-1990	3.620"/92.0mm x 3.500"/89.0mm	31
2.4L 2366 CC SOHC 8V L4 22RE, 22RTEC	1985-1995	3.620"/92.0mm x 3.500"/89.0mm	32
2.4L 2366 CC SOHC 8V L4 22REC	1983-1989	3.620"/92.0mm x 3.500"/89.0mm	33
2.4L 2446 CC SOHC 8V L4 2L	1984-1985	3.620"/92.0mm x 3.620"/92.0mm	29
2.4L 2446 CC SOHC 8V L4 2LT	1985	3.620"/92.0mm x 3.620"/92.0mm	29
2.4L 2362 CC DOHC 16V L4 2AZFE, 2AZFXE	2001-2013	3.480"/88.5mm x 3.770"/96.0mm	34
2.4L 2438 CC DOHC 16V L4 2RZFE, 2TZFE	1991-2004	3.740"/95.0mm x 3.390"/86.0mm	35
2.4L 2438 CC DOHC 16V L4 2TZFZE	1994-1995	3.740"/95.0mm x 3.390"/86.0mm	36
2.4L 2438 CC DOHC 16V L4 2TZFZE	1996-1997	3.740"/95.0mm x 3.390"/86.0mm	37

TOYOTA

ENGINE	YEAR	BORE & STROKE	BLOCK
2.7L 2694 CC DOHC 16V L4 2TRFE	2005-2014	3.740"/95.0mm x 3.740"/95.0mm	39
2.7L 2694 CC DOHC 16V L4 2TRFE	2014	3.740"/95.0mm x 3.740"/95.0mm	38
2.7L 2692 CC 164 CID DOHC 16V L4 2TR-FE	2010	3.740"/95.0mm x 3.740"/95.0mm	41
2.7L 2694 CC DOHC 16V L4 3RZFE	1994-2004	3.740"/95.0mm x 3.740"/95.0mm	40
2.3L 2253 CC 138 CID SOHC 12V L6 2M	1968-1972	3.350"/85.0mm x 3.350"/85.1mm	42
2.5L 2508 CC DOHC 24V V6 2VZFE	1988-1991	3.450"/87.5mm x 2.740"/69.5mm	43
2.6L 2563 CC SOHC 12V L6 4M, 4ME	1971-1980	3.140"/80.0mm x 3.340"/85.0mm	42
2.8L 2759 CC SOHC 12V L6 5ME	1981-1982	3.260"/83.0mm x 3.340"/85.0mm	42
2.8L 2754 CC DOHC 12V L6 5MGE	1982-1988	3.260"/83.0mm x 3.340"/85.0mm	44
3.0L 2959 CC SOHC 12V V6 3VZE	1988-1995	3.450"/87.5mm x 3.230"/82.0mm	45
3.0L 2954 CC DOHC 24V L6 7MGE	1986	3.260"/83.0mm x 3.580"/91.0mm	47
3.0L 2954 CC DOHC 24V L6 7MGE, 7MGTE	1987-1992	3.260"/83.0mm x 3.580"/91.0mm	46
3.0L 2997 CC DOHC 24V L6 2JZGTE, 2JZGTE	1993-1998	3.390"/86.0mm x 3.390"/86.0mm	48
3.0L 2995 CC DOHC 24V V6 1MZFE	1994-1998	3.450"/87.5mm x 3.270"/83.0mm	49
3.0L 2995 CC DOHC 24V V6 1MZFE	1999-2006	3.450"/87.5mm x 3.270"/83.0mm	50
3.0L 2959 CC DOHC 24V V6 3VZFE	1992-1993	3.450"/87.5mm x 3.230"/82.0mm	51
3.3L 3300 CC DOHC 24V V6 3MZFE	2004-2010	3.620"/92.0mm x 3.270"/83.0mm	49
3.4L 3378 CC DOHC 24V V6 5VZFE	1995-1998	3.680"/93.5mm x 3.230"/82.0mm	52
3.4L 3378 CC DOHC 24V V6 5VZFE	1996-2004	3.680"/93.5mm x 3.230"/82.0mm	53
3.5L 3456 CC DOHC 24V V6 2GRFE	2005-2017	3.700"/94.0mm x 3.270"/83.1mm	54
3.5L 3456 CC 211 CID DOHC 24V V6 2GR-FE	2010-2014	3.700"/94.0mm x 3.270"/83.0mm	56
3.5L 3456 CC DOHC 24V V6 2GRFKS, 2GRFXE	2011-2016	3.700"/94.0mm x 3.270"/83.0mm	55
4.0L 3956 CC OHV 12V L6 3FE	1988-1992	3.700"/94.0mm x 3.740"/95.0mm	57
4.0L 3956 CC 241 CID DOHC 24V V6	2007	3.700"/94.0mm x 3.740"/95.0mm	58
4.0L 3956 CC 241 CID DOHC 24V V6 1GRFE	2003-2014	3.700"/94.0mm x 3.740"/95.0mm	59
4.0L 3956 CC 241 CID DOHC 24V V6 1GRFE, 567F	2012-2014	3.700"/94.0mm x 3.740"/95.0mm	60
4.2L 4227 CC OHV 12V L6 2F	1975-1977	3.700"/94.0mm x 4.000"/101.6mm	61
4.2L 4227 CC OHV 12V L6 2F	1978-1987	3.700"/94.0mm x 4.000"/101.6mm	62
4.5L 4477 CC DOHC 24V L6 1FZFE	1993-1997	3.940"/100.0mm x 3.740"/95.0mm	63
4.6L 4608 CC DOHC 32V V8 1URFE	2010-2016	3.700"/94.0mm x 3.270"/83.0mm	64
4.7L 4663 CC 285 CID DOHC 32V V8 2UZFE	1998-2009	3.700"/94.0mm x 3.310"/84.0mm	65
4.7L 4663 CC 285 CID DOHC 32V V8 2UZFE; i-Force	2003-2009	3.700"/94.0mm x 3.310"/84.0mm	65
4.7L 4663 CC 285 CID DOHC 32V V8 2UZ-FE	2007-2008	3.700"/94.0mm x 3.310"/84.0mm	66
5.7L 5663 CC 345 CID DOHC 32V V8 3URFBE; i-Force	2009-2016	3.700"/94.0mm x 4.020"/102.1mm	67
5.7L 5663 CC 345 CID DOHC 32V V8 3URFE; i-Force	2007-2016	3.700"/94.0mm x 4.020"/102.1mm	68
5.7L 5663 CC 346 CID DOHC 32V V8 3UR-FE	2010-2014	3.700"/94.0mm x 4.020"/102.0mm	68

MODEL	ENGINE	YEAR	BLOCK
4Runner	2.4L 2366 CC SOHC 8V L4	1984	31
4Runner	2.4L 2366 CC SOHC 8V L4	1985-1989	33
4Runner	2.4L 2366 CC SOHC 8V L4	1985-1995	32
4Runner	2.7L 2694 CC DOHC 16V L4	1996-2000	40
4Runner	2.7L 2694 CC DOHC 16V L4	2010	39
4Runner	3.0L 2959 CC SOHC 12V V6	1988-1995	45
4Runner	3.4L 3378 CC DOHC 24V V6	1996-2002	53
4Runner	4.0L 3956 CC 241 CID DOHC 24V V6	2003-2014	59
4Runner	4.0L 3956 CC 241 CID DOHC 24V V6	2014	60



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MODEL	ENGINE	YEAR	BLOCK
4Runner	4.7L 4663 CC 285 CID DOHC 32V V8	2003-2009	65
4Runner	4.7L 4663 CC 285 CID DOHC 32V V8	2007-2008	66
Avalon	3.0L 2995 CC DOHC 24V V6	1995-1998	49
Avalon	3.0L 2995 CC DOHC 24V V6	1999-2004	50
Avalon	3.5L 3456 CC DOHC 24V V6	2005-2016	54
Camry	2.0L 1995 CC SOHC 8V L4	1983-1986	21
Camry	2.2L 2164 CC DOHC 16V L4	1992-2001	30
Camry	2.2L 2164 CC DOHC 4V L4	1997-2001	27
Camry	2.4L 2362 CC DOHC 16V L4	2002-2011	34
Camry	2.5L 2508 CC DOHC 24V V6	1988-1991	43
Camry	3.0L 2959 CC DOHC 24V V6	1992-1993	51
Camry	3.0L 2995 CC DOHC 24V V6	1994-1998	49
Camry	3.0L 2995 CC DOHC 24V V6	1999-2006	50
Camry	3.3L 3300 CC DOHC 24V V6	2004-2006	49
Camry	3.5L 3456 CC DOHC 24V V6	2007-2017	54
Camry	2.0L 1998 CC 122 CID DOHC 16V L4	1987-1991	25
Camry	3.5L 3456 CC 211 CID DOHC 24V V6	2010-2014	56
Carina	1.6L 1588 CC OHV 8V L4	1971-1973	11
Celica	1.6L 1587 CC DOHC 16V L4	1990-1993	10
Celica	1.8L 1794 CC DOHC 16V L4	2000-2005	14
Celica	2.0L 1995 CC SOHC 8V L4	1986	21
Celica	2.0L 1998 CC SOHC 8V L4	1986	20
Celica	2.0L 1998 CC DOHC 16V L4	1986-1989	22
Celica	2.2L 2164 CC DOHC 16V L4	1990-1999	30
Celica	2.2L 2189 CC SOHC 8V L4	1975-1980	28
Celica	2.4L 2366 CC SOHC 8V L4	1981-1983	31
Celica	2.4L 2366 CC SOHC 8V L4	1983-1985	33
Celica	2.6L 2563 CC SOHC 12V L6	1979-1980	42
Celica	2.8L 2754 CC DOHC 12V L6	1982-1986	44
Celica	2.8L 2759 CC SOHC 12V L6	1981	42
Celica	1.8L 1762 CC 107 CID DOHC 16V L4	1994-1997	17
Celica	1.9L 1858 CC 113 CID SOHC 8V L4	1971	18
Celica	2.0L 1968 CC 120 CID SOHC 8V L4	1972-1974	23
Celica	2.0L 1998 CC 122 CID DOHC 16V L4	1987-1989	25
Celica	2.0L 1998 CC 122 CID DOHC 16V L4	1988-1993	26
Corolla	1.2L 1166 CC OHV 8V L4	1969-1979	1
Corolla	1.6L 1587 CC SOHC 8V L4	1983-1987	9
Corolla	1.6L 1587 CC SOHC 8V L4	1984-1988	10
Corolla	1.6L 1587 CC DOHC 16V L4	1985-1997	10
Corolla	1.6L 1587 CC DOHC 16V L4	1993	3
Corolla	1.6L 1588 CC OHV 8V L4	1971-1979	11
Corolla	1.8L 1770 CC OHV 8V L4	1980-1982	11
Corolla	1.8L 1794 CC DOHC 16V L4	1998-2009	14
Corolla	1.8L 1798 CC DOHC 16V L4	2009-2017	16
Corolla	1.8L 1798 CC DOHC 16V L4	2014-2017	15
Corolla	2.4L 2362 CC DOHC 16V L4	2009-2010	34
Corolla	1.1L 1077 CC 66 CID OHV 8V L4	1968-1969	1
Corolla	1.6L 1588 CC 97 CID OHV 8V L4	1971	13
Corolla	1.8L 1762 CC 107 CID DOHC 16V L4	1993-1997	17
Corolla	1.8L 1794 CC 109 CID DOHC 16V L4	2010-2015	16

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MODEL	ENGINE	YEAR	BLOCK
Corolla iM	1.8L 1798 CC DOHC 16V L4	2017	15
Corona	2.2L 2189 CC SOHC 8V L4	1975-1980	28
Corona	2.4L 2366 CC SOHC 8V L4	1981-1982	31
Corona	1.9L 1858 CC 113 CID SOHC 8V L4	1969-1971	18
Corona	1.9L 1897 CC 116 CID OHV 8V L4	1967-1970	19
Corona	2.0L 1968 CC 120 CID SOHC 8V L4	1972-1974	23
Cressida	2.6L 2563 CC SOHC 12V L6	1978-1980	42
Cressida	2.8L 2754 CC DOHC 12V L6	1983-1988	44
Cressida	2.8L 2759 CC SOHC 12V L6	1981-1982	42
Cressida	3.0L 2954 CC DOHC 24V L6	1989-1992	46
Crown	2.6L 2563 CC SOHC 12V L6	1971-1972	42
Crown	2.3L 2253 CC 138 CID SOHC 12V L6	1968-1970	42
Echo	1.5L 1497 CC DOHC 16V L4	2000-2005	7
FJ Cruiser	4.0L 3956 CC 241 CID DOHC 24V V6	2007-2014	59
FJ Cruiser	4.0L 3956 CC 241 CID DOHC 24V V6	2012-2014	60
Hiace	2.7L 2694 CC DOHC 16V L4	2006-2009	39
Highlander	2.4L 2362 CC DOHC 16V L4	2001-2007	34
Highlander	3.0L 2995 CC DOHC 24V V6	2001-2003	50
Highlander	3.3L 3300 CC DOHC 24V V6	2004-2010	49
Highlander	3.5L 3456 CC DOHC 24V V6	2008-2016	54
Highlander	3.5L 3456 CC DOHC 24V V6	2011-2016	55
Highlander	3.5L 3456 CC 211 CID DOHC 24V V6	2010-2014	56
Hilux	2.7L 2694 CC DOHC 16V L4	2005-2008	39
Hilux	2.7L 2692 CC 164 CID DOHC 16V L4	2010	41
Hi-Lux	1.9L 1858 CC 113 CID SOHC 8V L4	1970-1971	18
Hi-Lux	2.0L 1968 CC 120 CID SOHC 8V L4	1972-1974	23
Land Cruiser	4.0L 3956 CC OHV 12V L6	1988-1992	57
Land Cruiser	4.2L 4227 CC OHV 12V L6	1975-1977	61
Land Cruiser	4.2L 4227 CC OHV 12V L6	1978-1987	62
Land Cruiser	4.5L 4477 CC DOHC 24V L6	1993-1997	63
Land Cruiser	4.7L 4663 CC 285 CID DOHC 32V V8	1998-2007	65
Land Cruiser	5.7L 5663 CC 345 CID DOHC 32V V8; i-Force	2008-2016	68
Land Cruiser	5.7L 5663 CC 346 CID DOHC 32V V8	2010-2014	68
Mark II	2.6L 2563 CC SOHC 12V L6	1973-1976	42
Mark II	2.0L 1968 CC 120 CID SOHC 8V L4	1972	23
Mark II	2.3L 2253 CC 138 CID SOHC 12V L6	1972	42
Matrix	1.8L 1794 CC DOHC 16V L4	2003-2008	14
Matrix	1.8L 1798 CC DOHC 16V L4	2009-2014	16
Matrix	2.4L 2362 CC DOHC 16V L4	2009-2013	34
Matrix	1.8L 1794 CC 109 CID DOHC 16V L4	2010	16
MR2	1.6L 1587 CC DOHC 16V L4	1985-1989	10
MR2	1.6L 1587 CC DOHC 16V L4	1988-1989	12
MR2	2.2L 2164 CC DOHC 16V L4	1991-1995	30
MR2	2.0L 1998 CC 122 CID DOHC 16V L4	1991-1995	26
MR2 Spyder	1.8L 1794 CC DOHC 16V L4	2000-2005	14
Paseo	1.5L 1497 CC DOHC 16V L4	1992-1998	5
Pickup	2.2L 2188 CC SOHC 8V L4	1981-1983	29
Pickup	2.2L 2189 CC SOHC 8V L4	1975-1980	28
Pickup	2.4L 2366 CC SOHC 8V L4	1981-1990	31
Pickup	2.4L 2366 CC SOHC 8V L4	1984-1988	33



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MODEL	ENGINE	YEAR	BLOCK
Pickup	2.4L 2366 CC SOHC 8V L4	1985-1995	32
Pickup	2.4L 2446 CC SOHC 8V L4	1984-1985	29
Pickup	2.4L 2446 CC SOHC 8V L4	1985	29
Pickup	3.0L 2959 CC SOHC 12V V6	1988-1995	45
Pickup	1.9L 1858 CC 113 CID SOHC 8V L4	1970-1971	18
Pickup	1.9L 1897 CC 116 CID OHV 8V L4	1969-1970	19
Pickup	2.0L 1968 CC 120 CID SOHC 8V L4	1972-1974	23
Previa	2.4L 2438 CC DOHC 16V L4	1991-1995	35
Previa	2.4L 2438 CC DOHC 16V L4	1994-1995	36
Previa	2.4L 2438 CC DOHC 16V L4	1996-1997	37
Prius	1.5L 1497 CC DOHC 16V L4	2001-2009	7
Prius	1.8L 1798 CC 110 CID DOHC 16V L4	2010-2016	16
Prius C	1.5L 1497 CC DOHC 16V L4	2012-2016	7
Prius Plug-In	1.8L 1798 CC 110 CID DOHC 16V L4	2012-2015	16
Prius V	1.8L 1798 CC 110 CID DOHC 16V L4	2012-2017	16
RAV4	2.4L 2362 CC DOHC 16V L4	2004-2008	34
RAV4	3.5L 3456 CC DOHC 24V V6	2006-2012	54
RAV4	2.0L 1998 CC 122 CID DOHC 16V L4	1996-2000	21
RAV4	3.5L 3456 CC 211 CID DOHC 24V V6	2010-2012	56
Sequoia	4.6L 4608 CC DOHC 32V V8	2010-2012	64
Sequoia	4.7L 4663 CC 285 CID DOHC 32V V8	2001-2009	65
Sequoia	4.7L 4663 CC 285 CID DOHC 32V V8	2008	66
Sequoia	5.7L 5663 CC 345 CID DOHC 32V V8; i-Force	2008-2016	68
Sequoia	5.7L 5663 CC 345 CID DOHC 32V V8; i-Force	2009-2016	67
Sequoia	5.7L 5663 CC 346 CID DOHC 32V V8	2010-2014	68
Sienna	3.0L 2995 CC DOHC 24V V6	1998	49
Sienna	3.0L 2995 CC DOHC 24V V6	1999-2003	50
Sienna	3.3L 3300 CC DOHC 24V V6	2004-2006	49
Sienna	3.5L 3456 CC DOHC 24V V6	2007-2016	54
Sienna	3.5L 3456 CC 211 CID DOHC 24V V6	2010-2014	56
Solara	2.2L 2164 CC DOHC 4V L4	1999-2001	27
Solara	2.2L 2164 CC DOHC 16V L4	1999-2001	30
Solara	2.4L 2362 CC DOHC 16V L4	2002-2008	34
Solara	3.0L 2995 CC DOHC 24V V6	1999-2003	50
Solara	3.3L 3300 CC DOHC 24V V6	2004-2008	49
Starlet	1.3L 1290 CC OHV 8V L4	1981-1983	1
Supra	3.0L 2954 CC DOHC 24V L6	1986	47
Supra	3.0L 2954 CC DOHC 24V L6	1987-1992	46
Supra	3.0L 2997 CC DOHC 24V L6	1993-1998	48
T100	2.7L 2694 CC DOHC 16V L4	1994-1998	40
T100	3.0L 2959 CC SOHC 12V V6	1993-1994	45
T100	3.4L 3378 CC DOHC 24V V6	1995-1997	52
T100	3.4L 3378 CC DOHC 24V V6	1998	53
Tacoma	2.4L 2438 CC DOHC 16V L4	1995-2004	35
Tacoma	2.7L 2694 CC DOHC 16V L4	1995-2004	40
Tacoma	2.7L 2694 CC DOHC 16V L4	2005-2014	39
Tacoma	2.7L 2694 CC DOHC 16V L4	2014	38
Tacoma	3.4L 3378 CC DOHC 24V V6	1995-1998	52
Tacoma	3.4L 3378 CC DOHC 24V V6	1999-2004	53
Tacoma	3.5L 3456 CC DOHC 24V V6	2016	55

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MODEL	ENGINE	YEAR	BLOCK
Tacoma	4.0L 3956 CC 241 CID DOHC 24V V6	2005-2014	59
Tacoma	4.0L 3956 CC 241 CID DOHC 24V V6	2014	60
Tercel	1.5L 1452 CC SOHC 8V L4	1980	2
Tercel	1.5L 1452 CC SOHC 8V L4	1981-1988	4
Tercel	1.5L 1452 CC SOHC 8V L4	1986	3
Tercel	1.5L 1456 CC SOHC 12V L4	1987-1990	5
Tercel	1.5L 1456 CC SOHC 12V L4	1990-1994	6
Tercel	1.5L 1497 CC DOHC 16V L4	1995-1999	5
Tundra	3.4L 3378 CC DOHC 24V V6	2000-2004	53
Tundra	4.6L 4608 CC DOHC 32V V8	2010-2016	64
Tundra	4.0L 3956 CC 241 CID DOHC 24V V6	2005-2013	59
Tundra	4.0L 3956 CC 241 CID DOHC 24V V6	2007	58
Tundra	4.0L 3956 CC 241 CID DOHC 24V V6	2014	60
Tundra	4.7L 4663 CC 285 CID DOHC 32V V8	2000-2009	65
Tundra	5.7L 5663 CC 345 CID DOHC 32V V8; i-Force	2007-2016	68
Tundra	5.7L 5663 CC 345 CID DOHC 32V V8; i-Force	2009-2016	67
Tundra	5.7L 5663 CC 346 CID DOHC 32V V8	2010-2013	68
Van	2.2L 2237 CC OHV 8V L4	1986-1989	24
Van	2.0L 1998 CC 122 CID OHV 8V L4	1984-1985	24
Van Wagon	2.2L 2237 CC OHV 8V L4	1988	24
Venza	3.5L 3456 CC DOHC 24V V6	2009-2016	54
Yaris	1.5L 1497 CC DOHC 16V L4; VVTi	2006-2014	7
Yaris	1.5L 1497 CC DOHC 16V L4; VVTi	2015-2016	8

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1.1L 1077 CC 66 CID OHV 8V L4 TOYOTA KC (1968-1969)				2.950"/75.0mm x 2.400"/61.0mm			1
	1.2L 1166 CC OHV 8V L4 TOYOTA 3KC VIN Code: 'K' (1969-1974)				2.950"/75.0mm x 2.590"/66.0mm			
	1.3L 1290 CC OHV 8V L4 TOYOTA 4KC, 4KE VIN Code: 'K' (1983)				2.950"/75.0mm x 2.870"/73.0mm			
Connecting Rod Bearing Pair (4)				1.6526/1.6535	0.0009/0.0029	0.0591	1.7717/1.7728	0.7480
2	1.5L 1452 CC SOHC 8V L4 TOYOTA 1AC VIN Code: 'A' (1980)				3.050"/77.5mm x 3.030"/77.0mm			2
Connecting Rod Bearing Pair (4)				1.5748	0.0032	0.0586	1.6938	0.6730
NOTE: 3.95mm Wide Notch Bearings								
Main Bearing Set		MS-2211A	STD, .25mm, .50mm, .75mm	1.8900		0.0789	2.0480	0.7834
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-401S								
Thrust Washer Set		TW-401S	STD					
		MB-2965W(L)		2.1102/2.1220			2.5827/2.5945	0.0980
		MB-2965W(U)		2.1102/2.1220			2.5827/2.5945	0.0980



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COUNTER DATA				SHOP DATA					
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH	
				4 CYL (cont.)					
3	1.5L 1452 CC SOHC 8V L4 TOYOTA 3A VIN Code: 'A' (1986)			3.050"/77.5mm x 3.030"/77.0mm					3
	1.6L 1587 CC DOHC 16V L4 TOYOTA 4AFE VIN Code: 'A' (1993)			3.180"/81.0mm x 3.030"/77.0mm					
Connecting Rod Bearing Pair (4)	AL-5	CB-1361A	STD,.25mm,.50mm	1.5742/1.5748	0.0007/0.0032	0.0586	1.6928/1.6938	0.6730	
NOTE: 2.95mm Narrow Notch Bearings									
Connecting Rod Bearing Pair (4)	TM-1	CB-1361P	STD,.25mm	1.5748	0.0032	0.0586	1.6938	0.6730	
NOTE: 2.95mm Narrow Notch Bearings									
Connecting Rod Bearing Set	AL-5	CB-1361A(4)	STD,.25mm,.50mm	1.5742/1.5748	0.0007/0.0032	0.0586	1.6928/1.6938	0.6730	
NOTE: 2.95mm Narrow Notch Bearings									
Main Bearing Set		MS-2211A	STD,.25mm,.50mm,.75mm	1.8900		0.0789	2.0480	0.7834	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-401S									
Thrust Washer Set		TW-401S	STD						
		MB-2965W(L)		2.1102/2.1220			2.5827/2.5945	0.0980	
		MB-2965W(U)		2.1102/2.1220			2.5827/2.5945	0.0980	
4	1.5L 1452 CC SOHC 8V L4 TOYOTA 3AC VIN Code: 'A' (1981-1988)			3.050"/77.5mm x 3.030"/77.0mm					4
Connecting Rod Bearing Pair (4)	AL-5	CB-1361A	STD,.25mm,.50mm	1.5742/1.5748	0.0007/0.0032	0.0586	1.6928/1.6938	0.6730	
For Years: 1983 - 1988									
NOTE: From 10/83, 2.95mm Narrow Notch Bearings									
Connecting Rod Bearing Pair (4)	TM-1	CB-1352P	STD	1.5748	0.0032	0.0586	1.6938	0.6730	
For Years: 1981 - 1983									
NOTE: Thru 10/83, 3.95mm Wide Notch Bearings									
Connecting Rod Bearing Pair (4)	TM-1	CB-1361P	STD,.25mm	1.5748	0.0032	0.0586	1.6938	0.6730	
For Years: 1983 - 1988									
NOTE: From 10/83, 2.95mm Narrow Notch Bearings									
Connecting Rod Bearing Set	AL-5	CB-1361A(4)	STD,.25mm,.50mm	1.5742/1.5748	0.0007/0.0032	0.0586	1.6928/1.6938	0.6730	
For Years: 1983 - 1988									
NOTE: From 10/83, 2.95mm Narrow Notch Bearings									
Main Bearing Set		MS-2211A	STD,.25mm,.50mm,.75mm	1.8900		0.0789	2.0480	0.7834	
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-401S									
Thrust Washer Set		TW-401S	STD						
		MB-2965W(L)		2.1102/2.1220			2.5827/2.5945	0.0980	
		MB-2965W(U)		2.1102/2.1220			2.5827/2.5945	0.0980	
5	1.5L 1456 CC SOHC 12V L4 TOYOTA 3E VIN Code: 'E' (1987-1990)			2.870"/73.0mm x 3.430"/87.0mm					5
1.5L 1497 CC DOHC 16V L4 TOYOTA 5EFE VIN Codes: 'C' (1996-1999), 'E' (1992-1995)			2.910"/74.0mm x 3.430"/87.0mm						
Connecting Rod Bearing Pair (4)		CB-1593A	STD,.25mm,.50mm						
Connecting Rod Bearing Set	AL-5	CB-1593A(4)	STD,.25mm,.50mm	1.9669/1.9675	0.0006/0.0024	0.0594	2.0866/2.0871	0.6690	



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
5 (cont.)	1.5L 1456 CC SOHC 12V L4 TOYOTA 3E VIN Code: 'E' (1987-1990)			2.870"/73.0mm x 3.430"/87.0mm				5 (cont.)
	1.5L 1497 CC DOHC 16V L4 TOYOTA 5EFE VIN Codes: 'C' (1996-1999), 'E' (1992-1995)			2.910"/74.0mm x 3.430"/87.0mm				
Main Bearing Set								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-553S								
Thrust Washer Set								
3		TW-553S MB3348W	STD	2.1751			2.6770	0.0976
6	1.5L 1456 CC SOHC 12V L4 TOYOTA 3E-E VIN Code: 'E' (1990-1994)			2.870"/73.0mm x 3.430"/87.0mm				6
Thrust Washer Set								
3		TW-553S MB3348W	STD	2.1751			2.6770	0.0976
7	1.5L 1497 CC DOHC 16V L4 TOYOTA 1NZFE; VVTi (2006-2014)			2.950"/75.0mm x 3.330"/84.8mm				7
	1.5L 1497 CC DOHC 16V L4 TOYOTA 1NZFE (2000-2009)			2.950"/75.0mm x 3.330"/84.8mm				
	1.5L 1497 CC DOHC 16V L4 TOYOTA 1NZFXE (2001-2016)			2.950"/75.0mm x 3.330"/84.7mm				
Connecting Rod Bearing Pair (4)								
	AL-3	CB-1864A	STD, .25mm, .50mm	1.5745/1.5748		0.0587	1.6929	0.5354
Connecting Rod Bearing Set								
	AL-3	CB-1864A(4)	STD, .25mm, .50mm	1.5745/1.5748		0.0587	1.6929	0.5354
Main Bearing Set								
For Years: 2000 - 2014								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-684S								
Thrust Washer Set								
		TW-684S MB-3904W	STD	2.1161			2.7461	0.0976
For Years: 2000 - 2013								
8	1.5L 1497 CC DOHC 16V L4 TOYOTA 1NZFE; VVTi (2015-2016)			2.950"/75.0mm x 3.330"/84.8mm				8
Connecting Rod Bearing Pair (4)								
	AL-3	CB-1864A	STD, .25mm, .50mm	1.5745/1.5748		0.0587	1.6929	0.5354
Connecting Rod Bearing Set								
	AL-3	CB-1864A(4)	STD, .25mm, .50mm	1.5745/1.5748		0.0587	1.6929	0.5354
9	1.6L 1587 CC SOHC 8V L4 TOYOTA 4AC VIN Code: 'A' (1983-1987)			3.180"/81.0mm x 3.030"/77.0mm				9
Connecting Rod Bearing Pair (4)								
	AL-5	CB-1361A	STD, .25mm, .50mm	1.5742/1.5748	0.0007/0.0032	0.0586	1.6928/1.6938	0.6730
NOTE: Thru 7/87, 2.95mm Narrow Notch Bearings								
Connecting Rod Bearing Pair (4)								
	TM-1	CB-1352P	STD	1.5748	0.0032	0.0586	1.6938	0.6730
For Year: 1983								
NOTE: 3.95mm Wide Notch Bearings								
Connecting Rod Bearing Pair (4)								
	TM-1	CB-1361P	STD, .25mm	1.5748	0.0032	0.0586	1.6938	0.6730
NOTE: Thru 7/87, 2.95mm Narrow Notch Bearings								
Connecting Rod Bearing Pair (4)								
	TM-1	CB-1474P	STD, .25mm, .50mm	1.6535	0.0032	0.0587	1.7726	0.6690
For Year: 1987								
NOTE: From 7/87								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
9 (cont.)	1.6L 1587 CC SOHC 8V L4 TOYOTA 4AC VIN Code: 'A' (1983-1987)			3.180"/81.0mm x 3.030"/77.0mm				9 (cont.)
Connecting Rod Bearing Set	AL-5	CB-1361A(4)	STD,.25mm,.50mm	1.5742/1.5748	0.0007/0.0032	0.0586	1.6928/1.6938	0.6730
NOTE: Thru 7/87, 2.95mm Narrow Notch Bearings								
Main Bearing Set		MS-2211A	STD,.25mm,.50mm,.75mm	1.8900		0.0789	2.0480	0.7834
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-401S								
Thrust Washer Set		TW-401S	STD					
		MB-2965W(L)		2.1102/2.1220			2.5827/2.5945	0.0980
		MB-2965W(U)		2.1102/2.1220			2.5827/2.5945	0.0980
10	1.6L 1587 CC SOHC 8V L4 TOYOTA 4ALC VIN Code: 'A' (1984-1988)			3.180"/81.0mm x 3.030"/77.0mm				10
	1.6L 1587 CC DOHC 16V L4 TOYOTA 4AF, 4AFE, 4AGEC, 4AGELC VIN Code: 'A' (1985-1987)			3.180"/81.0mm x 3.030"/77.0mm				
Connecting Rod Bearing Pair (4)	AL-5	CB-1361A	STD,.25mm,.50mm	1.5742/1.5748	0.0007/0.0032	0.0586	1.6928/1.6938	0.6730
NOTE: Thru 7/87, 2.95mm Narrow Notch Bearings								
Connecting Rod Bearing Pair (4)	TM-1	CB-1361P	STD,.25mm	1.5748	0.0032	0.0586	1.6938	0.6730
NOTE: Thru 7/87, 2.95mm Narrow Notch Bearings								
Connecting Rod Bearing Pair (4)	TM-1	CB-1474P	STD,.25mm,.50mm	1.6535	0.0032	0.0587	1.7726	0.6690
For Years: 1987 - 1991 NOTE: From 7/87								
Connecting Rod Bearing Set	AL-5	CB-1361A(4)	STD,.25mm,.50mm	1.5742/1.5748	0.0007/0.0032	0.0586	1.6928/1.6938	0.6730
NOTE: Thru 7/87, 2.95mm Narrow Notch Bearings								
Main Bearing Set		MS-2211A	STD,.25mm,.50mm,.75mm	1.8900		0.0789	2.0480	0.7834
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-401S								
Thrust Washer Set		TW-401S	STD					
		MB-2965W(L)		2.1102/2.1220			2.5827/2.5945	0.0980
		MB-2965W(U)		2.1102/2.1220			2.5827/2.5945	0.0980
11	1.6L 1588 CC OHV 8V L4 TOYOTA 2TC VIN Code: 'T' (1978-1979)			3.340"/85.0mm x 2.750"/70.1mm				11
	1.8L 1770 CC OHV 8V L4 TOYOTA 3TC VIN Code: 'T' (1980-1982)			3.340"/85.0mm x 3.070"/78.0mm				
Connecting Rod Bearing Pair (4)	TM-1	CB-1270P	STD,.25mm,.50mm	1.8888/1.8894	0.0039	0.0588	2.0088	0.7840
Main Bearing Set	TM-1	MS-1456P	STD,.25mm,.50mm					
	1-2-3-4-5	MB-623P		2.2824/2.2831	0.0009/0.0030	0.0786	2.4409/2.4417	0.8190
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-592S								
Thrust Washer Set		TW-592S	STD					
3		MB3201W(L)		2.5197			2.9921	0.0980
3		MB3201W(U)		2.5197			2.9921	0.0980
Camshaft Bearing Set	B-1	SH-725S	STD					



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
12	1.6L 1587 CC DOHC 16V L4 TOYOTA 4AGZE VIN Code: 'A' (1988-1989)			3.180"/81.0mm x 3.030"/77.0mm				12
Connecting Rod Bearing Pair (4)	TM-1	CB-1474P	STD.,25mm,.50mm	1.6535	0.0032	0.0587	1.7726	0.6690
Main Bearing Set		MS-2211A	STD.,25mm,.50mm, .75mm	1.8900		0.0789	2.0480	0.7834
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-401S								
Thrust Washer Set		TW-401S	STD					
		MB-2965W(L)		2.1102/2.1220			2.5827/2.5945	0.0980
		MB-2965W(U)		2.1102/2.1220			2.5827/2.5945	0.0980
13	1.6L 1588 CC 97 CID OHV 8V L4 TOYOTA 2T (1971)			3.350"/85.0mm x 2.760"/70.0mm				13
Connecting Rod Bearing Pair (4)	TM-1	CB-1270P	STD.,25mm,.50mm	1.8888/1.8894	0.0039	0.0588	2.0088	0.7840
14	1.8L 1794 CC DOHC 16V L4 TOYOTA 1ZZFE VIN Code: 'R' (1998-2008)			3.110"/79.0mm x 3.600"/91.5mm				14
Connecting Rod Bearing Pair (4)	AL-3	CB-1863A	STD.,25mm,.50mm	1.7320/1.7323	0.0012/0.0034	0.0587	1.8504/1.8513	0.6142
For Years: 1998 - 2008								
Connecting Rod Bearing Set	AL-3	CB-1863A(4)	STD.,25mm,.50mm	1.7320/1.7323	0.0012/0.0034	0.0587	1.8504/1.8513	0.6142
For Years: 1998 - 2008								
Main Bearing Set		MS-2267A	STD.,25mm,.50mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-684S								
Thrust Washer Set		TW-726S	STD					
		TW726S						
15	1.8L 1798 CC DOHC 16V L4 TOYOTA 2ZRFAE VIN Code: 'P' (2014-2017)			3.170"/80.5mm x 3.480"/88.3mm				15
Connecting Rod Bearing Set	AL-3	CB-1983A(4)	STD.,25mm,.50mm					
		CB1983A		1.7327		0.0588	1.8512	0.5709
Thrust Washer Set		TW-726S	STD					
		TW726S						
16	1.8L 1798 CC DOHC 16V L4 TOYOTA 2ZRFE VIN Codes: 'K' (2014-2015), 'L' (2009-2013), 'U' (2009-2014)			3.170"/80.5mm x 3.480"/88.3mm				16
	1.8L 1794 CC 109 CID DOHC 16V L4 TOYOTA 2ZR-FE (2010-2015)			3.170"/80.5mm x 3.480"/88.3mm				
	1.8L 1798 CC 110 CID DOHC 16V L4 TOYOTA 2ZR-FXE, 2ZRFXE (2010-2017)			3.170"/80.5mm x 3.480"/88.3mm				
Connecting Rod Bearing Set	AL-3	CB-1983A(4)	STD.,25mm,.50mm					
		CB1983A		1.7327		0.0588	1.8512	0.5709
Main Bearing Set	AL-5	MS-2361A	STD					
		MB4052A						
Thrust Washer Set		TW-726S	STD					
		TW726S						
17	1.8L 1762 CC 107 CID DOHC 16V L4 TOYOTA 7AFE VIN Codes: 'A' (1993-1995), 'B' (1996-1997)			3.180"/81.0mm x 3.370"/85.5mm				17
Connecting Rod Bearing Pair (4)	AL-3	CB-1786A	STD.,25mm,.50mm	1.8892/1.8898	0.0008/0.0026	0.0587	2.0075/2.0079	0.6693



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
17 (cont.)	1.8L 1762 CC 107 CID DOHC 16V L4 TOYOTA 7AFE VIN Codes: 'A' (1993-1995), 'B' (1996-1997)			3.180"/81.0mm x 3.370"/85.5mm				17 (cont.)
Connecting Rod Bearing Set	AL-3	CB-1786A(4)	STD,.25mm,.50mm	1.8892/1.8898	0.0008/0.0026	0.0587	2.0075/2.0079	0.6693
Main Bearing Set		MS-2211A	STD,.25mm,.50mm,.75mm	1.8900		0.0789	2.0480	0.7834
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-401S								
Thrust Washer Set		TW-401S	STD					
		MB-2965W(L)		2.1102/2.1220			2.5827/2.5945	0.0980
		MB-2965W(U)		2.1102/2.1220			2.5827/2.5945	0.0980
18	1.9L 1858 CC 113 CID SOHC 8V L4 TOYOTA 8R, 8RC (1969-1971)			3.390"/86.0mm x 3.150"/80.0mm				18
Connecting Rod Bearing Pair (4)	AL-5	CB-1218A	STD,	2.0857/2.0866	0.0008/0.0037	0.0589	2.2047/2.2057	0.8660
Connecting Rod Bearing Set	AL-5	CB-1218A(4)	STD,.25mm,.50mm,.75mm,1.00mm	2.0857/2.0866	0.0008/0.0037	0.0589	2.2047/2.2057	0.8660
Thrust Washer Set		TW-326S	STD					
		MB-2746W		2.5980/2.6180			3.1260/3.1460	0.0780
Camshaft Bearing Set	B-1	SH-1065S	STD					
19	1.9L 1897 CC 116 CID OHV 8V L4 TOYOTA 3RC (1967-1970)			3.460"/88.0mm x 3.070"/78.0mm				19
Thrust Washer Set		TW-228S	STD					
		MB627WL		2.6060/2.6180			3.1340/3.1360	0.1160
		MB627WU		2.6060/2.6180			3.1340/3.1360	0.1160
Camshaft Bearing Set	B-1	SH-1065S	STD					
20	2.0L 1998 CC SOHC 8V L4 TOYOTA 2SEL VIN Code: 'S' (1986)			3.300"/84.0mm x 3.540"/90.0mm				20
Connecting Rod Bearing Pair (4)	AL-3	CB-1406AL	STD,.50mm	1.8892/1.8898	0.0009/0.0029	0.0586	2.0079/2.0088	0.8070
Main Bearing Set		MS-1714A	STD,.25mm,.50mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-592S								
21	2.0L 1995 CC SOHC 8V L4 TOYOTA 2SEL VIN Code: 'S' (1983-1986)			3.310"/84.0mm x 3.540"/90.0mm				21
	2.0L 1998 CC 122 CID DOHC 16V L4 TOYOTA 3SFE VIN Code: 'P' (1996-1997)			3.390"/86.0mm x 3.390"/86.0mm				
Connecting Rod Bearing Pair (4)	AL-3	CB-1406AL	STD,.50mm	1.8892/1.8898	0.0009/0.0029	0.0586	2.0079/2.0088	0.8070
Main Bearing Set		MS-1714A	STD,.25mm,.50mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-592S								
Thrust Washer Set		TW-592S	STD					
3		MB3201W(L)		2.5197			2.9921	0.0980
3		MB3201W(U)		2.5197			2.9921	0.0980
22	2.0L 1998 CC DOHC 16V L4 TOYOTA 3SGELC VIN Code: 'S' (1986-1989)			3.380"/86.0mm x 3.380"/86.0mm				22
Connecting Rod Bearing Pair (4)	TM-1	CB-1439P	STD	1.8898	0.0029	0.0586	2.0088	0.8390

TOYOTA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
22 (cont.)	2.0L 1998 CC DOHC 16V L4 TOYOTA 3SGELC VIN Code: 'S' (1986-1989)			3.380"/86.0mm x 3.380"/86.0mm				22 (cont.)
Main Bearing Set		MS-1714A	STD,.25mm,.50mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-592S								
Thrust Washer Set		TW-592S	STD					
3		MB3201W(L)		2.5197			2.9921	0.0980
3		MB3201W(U)		2.5197			2.9921	0.0980
23	2.0L 1968 CC 120 CID SOHC 8V L4 TOYOTA 18RC (1972-1974)			3.480"/88.5mm x 3.150"/80.0mm				23
Connecting Rod Bearing Pair (4)		AL-5	CB-1218A	STD,	2.0857/2.0866	0.0008/0.0037	0.0589 2.2047/2.2057	0.8660
Connecting Rod Bearing Set		AL-5	CB-1218A(4)	STD,.25mm,.50mm,.75mm,1.00mm	2.0857/2.0866	0.0008/0.0037	0.0589 2.2047/2.2057	0.8660
24	2.0L 1998 CC 122 CID OHV 8V L4 TOYOTA 3YEC VIN Code: 'Y' (1984-1985)			3.390"/86.0mm x 3.390"/86.0mm				24
	2.2L 2237 CC OHV 8V L4 TOYOTA 4YEC VIN Code: 'Y' (1986-1989)			3.590"/91.0mm x 3.390"/86.0mm				
Connecting Rod Bearing Pair (4)		AL-3	CB-1407A	STD,.25mm	1.8892/1.8898	0.0008/0.0026	0.0587 2.0080/2.0087	0.7830
Connecting Rod Bearing Set		AL-3	CB-1407A-.25mm(4)					
Main Bearing Set		AL-3	MS-1715AL	STD				
1-2-3-4-5		MB-3207AL		2.2829/2.2835	0.0008/0.0026	0.0783	2.4411/2.4417	0.8150
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-592S								
Thrust Washer Set		TW-592S	STD					
3		MB3201W(L)		2.5197			2.9921	0.0980
3		MB3201W(U)		2.5197			2.9921	0.0980
Camshaft Bearing Set		B-1	SH-1396S	STD				
25	2.0L 1998 CC 122 CID DOHC 16V L4 TOYOTA 3SFE VIN Code: 'S' (1987-1991)			3.390"/86.0mm x 3.390"/86.0mm				25
Connecting Rod Bearing Pair (4)		AL-3	CB-1406AL	STD,.50mm	1.8892/1.8898	0.0009/0.0029	0.0586 2.0079/2.0088	0.8070
Main Bearing Set			MS-1714A	STD,.25mm,.50mm				
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-592S								
Thrust Washer Set		TW-592S	STD					
3		MB3201W(L)		2.5197			2.9921	0.0980
3		MB3201W(U)		2.5197			2.9921	0.0980
Piston Pin Bushing (4)		B	223-3653	STD	1.8661		0.0407 0.9449/0.9449	1.0433
NOTE: OE Replacement								
26	2.0L 1998 CC 122 CID DOHC 16V L4 TOYOTA 3SGTE VIN Code: 'S' (1988-1995)			3.390"/86.0mm x 3.390"/86.0mm				26
Connecting Rod Bearing Pair (4)		AL-3	CB-1406AL	STD,.50mm	1.8892/1.8898	0.0009/0.0029	0.0586 2.0079/2.0088	0.8070
For Years: 1988 - 1991								
Connecting Rod Bearing Pair (4)		TM-1	CB-1439P	STD,.50mm	1.8898	0.0029	0.0586 2.0088	0.8390



TOYOTA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
26 (cont.)	2.0L 1998 CC 122 CID DOHC 16V L4 TOYOTA 3SGTE VIN Code: 'S' (1988-1995)			3.390"/86.0mm x 3.390"/86.0mm				26 (cont.)
Main Bearing Set		MS-1714A	STD, .25mm, .50mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-592S								
Thrust Washer Set		TW-592S	STD					
3		MB3201W(L)		2.5197			2.9921	0.0980
3		MB3201W(U)		2.5197			2.9921	0.0980
Piston Pin Bushing (4)		B 223-3653	STD	1.8661		0.0407	0.9449/0.9449	1.0433
For Years: 1988 - 1989								
NOTE: OE Replacement								
27	2.2L 2164 CC DOHC 4V L4 TOYOTA 5S-FE (1997-2001)			3.425"/87.0mm x 3.580"/91.0mm				27
Connecting Rod Bearing Pair (4)		TM-1 CB-1639P-.25mm	.50mm	2.0468/2.0472	0.0009/0.0030	0.0587	2.1659/2.1667	0.7992
Connecting Rod Bearing Set		TM-1 CB-1639P(4)	STD	2.0468/2.0472	0.0009/0.0030	0.0587	2.1659/2.1667	0.7992
28	2.2L 2189 CC SOHC 8V L4 TOYOTA 20R VIN Code: 'R' (1975-1977)			3.480"/88.5mm x 3.500"/89.0mm				28
Connecting Rod Bearing Pair (4)		AL-5 CB-1218A	STD,	2.0857/2.0866	0.0008/0.0037	0.0589	2.2047/2.2057	0.8660
Connecting Rod Bearing Set		AL-5 CB-1218A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	2.0857/2.0866	0.0008/0.0037	0.0589	2.2047/2.2057	0.8660
Main Bearing Set		TM-1 MS-1428P	STD, .25mm, .50mm, .75mm					
1-2-4-5		MB-615P		2.3613/2.3622	0.0006/0.0036	0.0786	2.5197/2.5206	0.8660
3		MB-2746P		2.3613/2.3622	0.0005/0.0044	0.0786	2.5197/2.5206	0.9450
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-326S								
Thrust Washer Set		TW-326S	STD					
		MB-2746W		2.5980/2.6180			3.1260/3.1460	0.0780
Camshaft Bearing Set		SH-2007S	STD					
Piston Pin Bushing (4)		B 223-3612	STD	0.8661		0.0406	0.9949	1.1339
NOTE: OE Replacement								
29	2.2L 2188 CC SOHC 8V L4 TOYOTA L VIN Code: 'L' (1981-1983)			3.480"/90.0mm x 3.500"/88.9mm				29
	2.4L 2446 CC SOHC 8V L4 TOYOTA 2L VIN Code: 'L' (1984-1985)			3.620"/92.0mm x 3.620"/92.0mm				
	2.4L 2446 CC SOHC 8V L4 TOYOTA 2LT VIN Code: 'L' (1985)			3.620"/92.0mm x 3.620"/92.0mm				
Camshaft Bearing Set		AL-3 SH-1248S	STD					
30	2.2L 2164 CC DOHC 16V L4 TOYOTA 5SFNE VIN Codes: 'G' (1997-1998), 'S' (1990-1995)			3.430"/87.0mm x 3.580"/91.0mm				30
Connecting Rod Bearing Pair (4)		TM-1 CB-1639P	STD, .25mm, .50mm	2.0468/2.0472	0.0009/0.0030	0.0587	2.1659/2.1667	0.7992
Connecting Rod Bearing Set		TM-1 CB-1639P(4)	STD	2.0468/2.0472	0.0009/0.0030	0.0587	2.1659/2.1667	0.7992



TOYOTA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
30 (cont.)	2.2L 2164 CC DOHC 16V L4 TOYOTA 5SFE, 5SFNE VIN Codes: 'G' (1997-1998), 'S' (1990-1995)			3.430"/87.0mm x 3.580"/91.0mm				30 (cont.)
Main Bearing Set		MS-1714A	STD,.25mm,.50mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-592S								
Thrust Washer Set		TW-592S	STD					
3		MB3201W(L)		2.5197			2.9921	0.0980
3		MB3201W(U)		2.5197			2.9921	0.0980
Piston Pin Bushing (4)		B 223-3653	STD	1.8661		0.0407	0.9449/0.9449	1.0433
NOTE: OE Replacement								
31	2.4L 2366 CC SOHC 8V L4 TOYOTA 22R VIN Code: 'R' (1981-1990)			3.620"/92.0mm x 3.500"/89.0mm				31
Connecting Rod Bearing Pair (4)		AL-5 CB-1218A	STD,	2.0857/2.0866	0.0008/0.0037	0.0589	2.2047/2.2057	0.8660
Connecting Rod Bearing Set		AL-5 CB-1218A(4)	STD,.25mm,.50mm,.75mm,1.00mm	2.0857/2.0866	0.0008/0.0037	0.0589	2.2047/2.2057	0.8660
Main Bearing Set		AL-5 MS-1590A	STD,.25mm,.50mm,.75mm					
1-2-3-4-5		MB-2925A		2.3613/2.3622	0.0006/0.0033	0.0786	2.5197/2.5206	0.8660
For Years: 1982 - 1990								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-326S, Requires Thrust Washer Set, Not Included, Use With Part Number TW-463S								
Main Bearing Set		TM-1 MS-1428P	STD,.25mm,.50mm,.75mm					
1-2-4-5		MB-615P		2.3613/2.3622	0.0006/0.0036	0.0786	2.5197/2.5206	0.8660
3		MB-2746P		2.3613/2.3622	0.0005/0.0044	0.0786	2.5197/2.5206	0.9450
For Year: 1981								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-326S								
Main Bearing Set		TM-1 MS-1590P	STD,.25mm,.50mm					
1-2-3-4-5		MB-2925P		2.3613/2.3622	0.0006/0.0033	0.0786	2.5197/2.5206	0.8660
For Years: 1982 - 1990								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-326S, Requires Thrust Washer Set, Not Included, Use With Part Number TW-463S								
Thrust Washer Set		TW-326S	STD					
		MB-2746W		2.5980/2.6180			3.1260/3.1460	0.0780
For Years: 1981 - 1984								
Thrust Washer Set		TW-463S	STD					
		MB2925WL		2.6083			3.1260/3.1460	0.1080
		MB2925WU		2.6083			3.1260/3.1460	0.1080
For Years: 1984 - 1990								
Camshaft Bearing Set		SH-2007S	STD					
Piston Pin Bushing (4)		B 223-3612	STD	0.8661		0.0406	0.9949	1.1339
NOTE: OE Replacement								
32	2.4L 2366 CC SOHC 8V L4 TOYOTA 22RE, 22RTEC VIN Code: 'R' (1989-1995)			3.620"/92.0mm x 3.500"/89.0mm				32
Connecting Rod Bearing Pair (4)		AL-5 CB-1218A	STD,	2.0857/2.0866	0.0008/0.0037	0.0589	2.2047/2.2057	0.8660



TOYOTA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
32 (cont.)	2.4L 2366 CC SOHC 8V L4 TOYOTA 22RE, 22RTEC VIN Code: 'R' (1989-1995)			3.620"/92.0mm x 3.500"/89.0mm				32 (cont.)
Connecting Rod Bearing Set	AL-5	CB-1218A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	2.0857/2.0866	0.0008/0.0037	0.0589	2.2047/2.2057	0.8660
Main Bearing Set	AL-5	MS-1590A	STD, .25mm, .50mm, .75mm					
1-2-3-4-5		MB-2925A		2.3613/2.3622	0.0006/0.0033	0.0786	2.5197/2.5206	0.8660
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-463S								
Main Bearing Set	TM-1	MS-1590P	STD, .25mm, .50mm					
1-2-3-4-5		MB-2925P		2.3613/2.3622	0.0006/0.0033	0.0786	2.5197/2.5206	0.8660
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-463S								
Thrust Washer Set		TW-463S	STD					
		MB2925WL		2.6083			3.1260/3.1460	0.1080
		MB2925WU		2.6083			3.1260/3.1460	0.1080
Camshaft Bearing Set		SH-2007S	STD					
Piston Pin Bushing (4)	B	223-3612	STD	0.8661		0.0406	0.9949	1.1339
NOTE: OE Replacement								
33	2.4L 2366 CC SOHC 8V L4 TOYOTA 22REC VIN Code: 'R' (1983-1989)			3.620"/92.0mm x 3.500"/89.0mm				33
Connecting Rod Bearing Pair (4)	AL-5	CB-1218A	STD,	2.0857/2.0866	0.0008/0.0037	0.0589	2.2047/2.2057	0.8660
Connecting Rod Bearing Set	AL-5	CB-1218A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	2.0857/2.0866	0.0008/0.0037	0.0589	2.2047/2.2057	0.8660
Main Bearing Set	AL-5	MS-1590A	STD, .25mm, .50mm, .75mm					
1-2-3-4-5		MB-2925A		2.3613/2.3622	0.0006/0.0033	0.0786	2.5197/2.5206	0.8660
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-326S, Requires Thrust Washer Set, Not Included, Use With Part Number TW-463S								
Main Bearing Set	TM-1	MS-1590P	STD, .25mm, .50mm					
1-2-3-4-5		MB-2925P		2.3613/2.3622	0.0006/0.0033	0.0786	2.5197/2.5206	0.8660
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-326S, Requires Thrust Washer Set, Not Included, Use With Part Number TW-463S								
Thrust Washer Set		TW-326S	STD					
		MB-2746W		2.5980/2.6180			3.1260/3.1460	0.0780
For Years: 1983 - 1984								
Thrust Washer Set		TW-463S	STD					
		MB2925WL		2.6083			3.1260/3.1460	0.1080
		MB2925WU		2.6083			3.1260/3.1460	0.1080
For Years: 1984 - 1989								
Camshaft Bearing Set		SH-2007S	STD					
For Years: 1983 - 1988								
Piston Pin Bushing (4)	B	223-3612	STD	0.8661		0.0406	0.9949	1.1339
NOTE: OE Replacement								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
34	2.4L 2362 CC DOHC 16V L4 TOYOTA 2AZFE, 2AZFXE VIN Code: 'B' (2007-2011)			3.480"/88.5mm x 3.770"/96.0mm				34
Connecting Rod Bearing Pair (4)	AL-3	CB-1835A	STD,.25mm,.50mm	1.8894/1.8898	0.0005/0.0023	0.0588	2.0079/2.0087	0.6140
Connecting Rod Bearing Set	AL-3	CB-1835A(4)	STD,.25mm,.50mm	1.8894/1.8898	0.0005/0.0023	0.0588	2.0079/2.0087	0.6140
Main Bearing Set		MS-2243A MB2243A	STD,.25mm,.50mm	2.1653		0.0786	2.3228	0.6614
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-619S								
Thrust Washer Set		TW-619S MB-3821W	STD	2.3819/2.3917			3.0610/3.0709	0.0780
35	2.4L 2438 CC DOHC 16V L4 TOYOTA 2RZFE, 2TZFE VIN Codes: 'A' (1991-1995), 'L' (1996-2003), 'U' (1995)			3.740"/95.0mm x 3.390"/86.0mm				35
Connecting Rod Bearing Pair (4)	AL-3	CB-1781A	STD,.25mm,.50mm	2.0861/2.0866	0.0006/0.0027	0.0590	2.2047/2.2055	0.7795
Connecting Rod Bearing Set	AL-3	CB-1781A-.25mm(4).50mm						
Main Bearing Set		MS-2212A	STD,.25mm,.50mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-604S								
Thrust Washer Set		TW-604S MB3762W	STD	2.5591/2.5689			3.5335/3.5433	0.0978
For Years: 1994 - 2001								
36	2.4L 2438 CC DOHC 16V L4 TOYOTA 2TZFZE VIN Code: 'A' (1994-1995)			3.740"/95.0mm x 3.390"/86.0mm				36
Thrust Washer Set		TW-604S MB3762W	STD	2.5591/2.5689			3.5335/3.5433	0.0978
37	2.4L 2438 CC DOHC 16V L4 TOYOTA 2TZFZE VIN Code: 'K' (1996-1997)			3.740"/95.0mm x 3.390"/86.0mm				37
Main Bearing Set		MS-2212A	STD,.25mm,.50mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-604S								
Thrust Washer Set		TW-604S MB3762W	STD	2.5591/2.5689			3.5335/3.5433	0.0978
38	2.7L 2694 CC DOHC 16V L4 TOYOTA 2TRFE (2014)			3.740"/95.0mm x 3.740"/95.0mm				38
Thrust Washer Set		TW-715S	STD					
39	2.7L 2694 CC DOHC 16V L4 TOYOTA 2TRFE (2005-2014)			3.740"/95.0mm x 3.740"/95.0mm				39
Connecting Rod Bearing Pair	AL-3	CB-1961A	STD,.25mm,.50mm, .75mm	2.0866		0.0588	2.2047	0.6142
For Years: 2005 - 2013								
Main Bearing Set	AL-3	MS-2336A	STD					
For Years: 2005 - 2007								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-715S								
Thrust Washer Set		TW-715S	STD					
40	2.7L 2694 CC DOHC 16V L4 TOYOTA 3RZFE VIN Codes: 'M' (1996-1998), 'U' (1994-1995)			3.740"/95.0mm x 3.740"/95.0mm				40
Connecting Rod Bearing Pair (4)	AL-3	CB-1781A	STD,.25mm,.50mm	2.0861/2.0866	0.0006/0.0027	0.0590	2.2047/2.2055	0.7795



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
40 (cont.)	2.7L 2694 CC DOHC 16V L4 TOYOTA 3RZFE VIN Codes: 'M' (1996-1998), 'U' (1994-1995)			3.740"/95.0mm x 3.740"/95.0mm				40 (cont.)
Connecting Rod Bearing Set	AL-3	CB-1781A-.25mm(4).50mm						
Main Bearing Set		MS-2212A	STD,.25mm,.50mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-604S								
Thrust Washer Set		TW-604S MB3762W	STD	2.5591/2.5689			3.5335/3.5433	0.0978
For Years: 1994 - 2001								
Camshaft Bearing Set	B-1	SH-7003S	STD					
For Years: 1995 - 2004								
41	2.7L 2692 CC 164 CID DOHC 16V L4 TOYOTA 2TR-FE (2010)			3.740"/95.0mm x 3.740"/95.0mm				41
Connecting Rod Bearing Pair	AL-3	CB-1961A	STD,.25mm,.50mm,.75mm	2.0866			0.0588 2.2047	0.6142
Thrust Washer Set		TW-715S	STD					
				6 CYL				
42	2.3L 2253 CC 138 CID SOHC 12V L6 TOYOTA 2M (1968-1972)			3.350"/85.0mm x 3.350"/85.1mm				42
	2.6L 2563 CC SOHC 12V L6 TOYOTA 4M, 4ME VIN Code: 'M' (1979-1980)			3.140"/80.0mm x 3.340"/85.0mm				
	2.8L 2759 CC SOHC 12V L6 TOYOTA 5ME VIN Code: 'M' (1981-1982)			3.260"/83.0mm x 3.340"/85.0mm				
Connecting Rod Bearing Pair (6)	TM-1	CB-1280P	STD,.25mm,.50mm	2.0472	0.0030	0.0591	2.1667	0.7880
Thrust Washer Set		TW-228S MB627WL MB627WU	STD	2.6060/2.6180 2.6060/2.6180			3.1340/3.1360 3.1340/3.1360	0.1160 0.1160
Piston Pin Bushing (6)	B	223-3611	STD			0.0407	0.9450	0.9760
NOTE: OE Replacement								
43	2.5L 2508 CC DOHC 24V V6 TOYOTA 2VZFE VIN Code: 'V' (1988-1991)			3.450"/87.5mm x 2.740"/69.5mm				43
Connecting Rod Bearing Pair (6)	TM-1	CB-1594P	STD,.25mm,.50mm	1.8892/1.8898	0.0009/0.0034	0.0586	2.0079/2.0088	0.6690
Thrust Washer Set	2	TW-554S MB3350W	STD	2.8051				0.0980
44	2.8L 2754 CC DOHC 12V L6 TOYOTA 5MGE VIN Code: 'M' (1982-1988)			3.260"/83.0mm x 3.340"/85.0mm				44
Connecting Rod Bearing Pair (6)	TM-1	CB-1280P	STD,.25mm,.50mm	2.0472	0.0030	0.0591	2.1667	0.7880
For Years: 1982 - 1984								
Connecting Rod Bearing Pair (6)	TM-1	CB-1437P	STD,.25mm,.50mm,.75mm	2.0463/2.0472	0.0008/0.0035	0.0590	2.1659/2.1671	0.7870
For Years: 1984 - 1988								
NOTE: From 9/84								
Connecting Rod Bearing Set		CB1437P(6)	STD					
For Years: 1984 - 1988								
NOTE: From 9/84								

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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
44 (cont.)	2.8L 2754 CC DOHC 12V L6 TOYOTA 5MGE VIN Code: 'M' (1982-1988)			3.260"/83.0mm x 3.340"/85.0mm				44 (cont.)
Main Bearing Set 1	TM-1	MS-1774P MB-3198P	STD	2.3620/2.3627	0.0006/0.0032	0.0787	2.5206/2.5213	0.9840
2-3-4-5-6-7		MB-3199P		2.3620/2.3627	0.0006/0.0032	0.0787	2.5206/2.5213	0.8660
For Years: 1984 - 1988 NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-228S								
Thrust Washer Set		TW-228S MB627WL MB627WU	STD	2.6060/2.6180			3.1340/3.1360	0.1160
				2.6060/2.6180			3.1340/3.1360	0.1160
Piston Pin Bushing (6)	B	223-3611	STD			0.0407	0.9450	0.9760
NOTE: OE Replacement								
45	3.0L 2959 CC SOHC 12V V6 TOYOTA 3VZE VIN Code: 'V' (1988-1995)			3.450"/87.5mm x 3.230"/82.0mm				45
Connecting Rod Bearing Pair (6)	AL-5	CB-1625A	STD, .25mm, .50mm, .75mm	2.1648/2.1654	0.0009/0.0024	0.0586	2.2835/2.2844	0.6620
Connecting Rod Bearing Pair (6)	TM-1	CB-1625P	STD, .25mm, .50mm	2.1648/2.1654	0.0009/0.0024	0.0586	2.2835/2.2844	0.6620
Connecting Rod Bearing Set	AL-5	CB-1625A(6)	STD, .25mm, .50mm, .75mm	2.1648/2.1654	0.0009/0.0024	0.0586	2.2835/2.2844	0.6620
Connecting Rod Bearing Set	TM-1	CB-1625P(6)	STD, .25mm, .50mm	2.1648/2.1654	0.0009/0.0024	0.0586	2.2835/2.2844	0.6620
Main Bearing Set 1	AL-5	MS-2011A MB-3472A	STD, .25mm	2.5191/2.5197	0.0010/0.0033	0.0785	2.6776/2.6783	0.8660
2-3-4		MB-3350A		2.5193/2.5197	0.0010/0.0033	0.0784	2.6775/2.6783	0.7874
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-554S								
Main Bearing Set 1	TM-1	MS-2011P MB-3472P	STD, .25mm	2.5193/2.5197	0.0009/0.0017	0.0785	2.6776/2.6783	0.8660
2-3-4		MB-3350P		2.5193/2.5197	0.0010/0.0033	0.0784	2.6775/2.6783	0.7874
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-554S								
Thrust Washer Set 2		TW-554S MB3350W	STD	2.8051				0.0980
46	3.0L 2954 CC DOHC 24V L6 TOYOTA 7MGE, 7MGTE VIN Code: 'M' (1987-1992)			3.260"/83.0mm x 3.580"/91.0mm				46
Connecting Rod Bearing Pair (6)	TM-1	CB-1437P	STD, .25mm, .50mm, .75mm	2.0463/2.0472	0.0008/0.0035	0.0590	2.1659/2.1671	0.7870
Connecting Rod Bearing Set		CB1437P(6)	STD					
Main Bearing Set 1	TM-1	MS-1774P MB-3198P	STD	2.3620/2.3627	0.0006/0.0032	0.0787	2.5206/2.5213	0.9840
2-3-4-5-6-7		MB-3199P		2.3620/2.3627	0.0006/0.0032	0.0787	2.5206/2.5213	0.8660
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-228S								
Thrust Washer Set		TW-228S MB627WL MB627WU	STD	2.6060/2.6180			3.1340/3.1360	0.1160
				2.6060/2.6180			3.1340/3.1360	0.1160
Piston Pin Bushing (6)	B	223-3611	STD			0.0407	0.9450	0.9760
NOTE: OE Replacement								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
47	3.0L 2954 CC DOHC 24V L6 TOYOTA 7MGE (1986)			3.260"/83.0mm x 3.580"/91.0mm				47
Connecting Rod Bearing Pair (6)	TM-1	CB-1437P	STD, .25mm, .50mm, .75mm	2.0463/2.0472	0.0008/0.0035	0.0590	2.1659/2.1671	0.7870
Connecting Rod Bearing Set		CB1437P(6)	STD					
Main Bearing Set 1	TM-1	MS-1774P	STD	2.3620/2.3627	0.0006/0.0032	0.0787	2.5206/2.5213	0.9840
2-3-4-5-6-7		MB-3198P MB-3199P		2.3620/2.3627	0.0006/0.0032	0.0787	2.5206/2.5213	0.8660
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-228S								
48	3.0L 2997 CC DOHC 24V L6 TOYOTA 2JZGE, 2JZGTE (1996-1998), 'J' (1993-1995)			3.390"/86.0mm x 3.390"/86.0mm				48
Connecting Rod Bearing Pair (6)	TM-1	CB-1628P	STD, .25mm	2.0472	0.0021	0.0595	2.1670	0.7600
Main Bearing Set (6)		MS-2014A	STD, .25mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-589S								
Thrust Washer Set		TW-589S	STD					
		MB3477W(L)		2.6535		3.2244		0.0776
		MB3477W(U)		2.6535		3.2240		0.0776
49	3.0L 2995 CC DOHC 24V V6 TOYOTA 1MZFE (1996-1998), 'G' (1994-1995)			3.450"/87.5mm x 3.270"/83.0mm				49
	3.3L 3300 CC DOHC 24V V6 TOYOTA 3MZFE (2004-2010)			3.620"/92.0mm x 3.270"/83.0mm				
Connecting Rod Bearing Pair (6)	TM-77	CB-1833P	STD, .25mm, .50mm	2.0863/2.0866	0.0013/0.0031	0.0584	2.2047/2.2055	0.6300
Connecting Rod Bearing Set	TM-77	CB-1833P(6)	STD, .25mm, .50mm	2.0863/2.0866	0.0013/0.0031	0.0584	2.2047/2.2055	0.6300
Main Bearing Set 1-4	TM-1	MS-2240P	STD, .25mm, .50mm	2.4011/2.4016	0.0011/0.0031	0.0979	2.5984/2.5992	0.8860
2-3		MB-3815P MB-3814P		2.4011/2.4016	0.0011/0.0031	0.0979	2.5984/2.5992	0.7480
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-618S								
Thrust Washer Set		TW-618S	STD					
		MB3816W		2.6850/2.2949		0.0780	3.2953/3.3051	
50	3.0L 2995 CC DOHC 24V V6 TOYOTA 1MZFE (1999-2006)			3.450"/87.5mm x 3.270"/83.0mm				50
Connecting Rod Bearing Pair (6)	TM-77	CB-1833P	STD, .25mm, .50mm	2.0863/2.0866	0.0013/0.0031	0.0584	2.2047/2.2055	0.6300
Connecting Rod Bearing Set	TM-77	CB-1833P(6)	STD, .25mm, .50mm	2.0863/2.0866	0.0013/0.0031	0.0584	2.2047/2.2055	0.6300
Main Bearing Set	AL-5	MS-2357A	STD					
		MB4047A						
For Years: 2003 - 2004								
Main Bearing Set 1-4	TM-1	MS-2240P	STD, .25mm, .50mm	2.4011/2.4016	0.0011/0.0031	0.0979	2.5984/2.5992	0.8860
2-3		MB-3815P MB-3814P		2.4011/2.4016	0.0011/0.0031	0.0979	2.5984/2.5992	0.7480
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-618S								
Thrust Washer Set		TW-618S	STD					
		MB3816W		2.6850/2.2949		0.0780	3.2953/3.3051	

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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
50 (cont.)	3.0L 2995 CC DOHC 24V V6 TOYOTA 1MZFE (1999-2006)			3.450"/87.5mm x 3.270"/83.0mm				50 (cont.)
Thrust Washer Set		TW-727S	STD					
		TW727S						
For Year:		2003						
51	3.0L 2959 CC DOHC 24V V6 TOYOTA 3VZFE VIN Code: 'V' (1992-1993)			3.450"/87.5mm x 3.230"/82.0mm				51
Connecting Rod Bearing Pair (6)	TM-1	CB-1783P	STD,.25mm,.50mm	2.1648/2.1654	0.0009/0.0035	0.0587	2.2832/2.2840	0.6665
Connecting Rod Bearing Set	TM-1	CB-1783P(6)	STD,.25mm,.50mm	2.1648/2.1654	0.0009/0.0035	0.0587	2.2832/2.2840	0.6665
Thrust Washer Set		TW-554S	STD					
2		MB3350W		2.8051				0.0980
52	3.4L 3378 CC DOHC 24V V6 TOYOTA 5VZFE VIN Codes: 'N' (1996-1998), 'V' (1995)			3.680"/93.5mm x 3.230"/82.0mm				52
Connecting Rod Bearing Pair (6)	TM-1	CB-1783P	STD,.25mm,.50mm	2.1648/2.1654	0.0009/0.0035	0.0587	2.2832/2.2840	0.6665
Connecting Rod Bearing Set	TM-1	CB-1783P(6)	STD,.25mm,.50mm	2.1648/2.1654	0.0009/0.0035	0.0587	2.2832/2.2840	0.6665
Main Bearing Set	TM-1	MS-2241P	STD					
1		MB-3817P		2.5191/2.5197	0.0012/0.0035	0.0783	2.6776/2.6783	0.8660
2-3-4		MB-3818P		2.5191/2.5197	0.0012/0.0035	0.0783	2.6776/2.6783	0.7870
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-554S								
Thrust Washer Set		TW-554S	STD					
2		MB3350W		2.8051				0.0980
53	3.4L 3378 CC DOHC 24V V6 TOYOTA 5VZFE VIN Code: 'N' (1996-2003)			3.680"/93.5mm x 3.230"/82.0mm				53
Connecting Rod Bearing Pair (6)	TM-1	CB-1783P	STD,.25mm,.50mm	2.1648/2.1654	0.0009/0.0035	0.0587	2.2832/2.2840	0.6665
Connecting Rod Bearing Set	TM-1	CB-1783P(6)	STD,.25mm,.50mm	2.1648/2.1654	0.0009/0.0035	0.0587	2.2832/2.2840	0.6665
Main Bearing Set		MS-2014A	STD,.25mm					
For Years:		2003 - 2004						
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-589S								
Main Bearing Set	TM-1	MS-2241P	STD					
1		MB-3817P		2.5191/2.5197	0.0012/0.0035	0.0783	2.6776/2.6783	0.8660
2-3-4		MB-3818P		2.5191/2.5197	0.0012/0.0035	0.0783	2.6776/2.6783	0.7870
For Years:		1996 - 2003						
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-554S								
Thrust Washer Set		TW-554S	STD					
2		MB3350W		2.8051				0.0980
For Years:		1996 - 2002						
Thrust Washer Set		TW-589S	STD					
		MB3477W(L)		2.6535			3.2244	0.0776
		MB3477W(U)		2.6535			3.2240	0.0776
For Years:		2003 - 2004						



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
54	3.5L 3456 CC DOHC 24V V6 TOYOTA 2GRFE (2005-2017)			3.700"/94.0mm x 3.270"/83.1mm				54
Connecting Rod Bearing Set	AL-3	CB-1977A(6)	STD,.25mm,.50mm					
		CB1977A		2.0870		0.0584	2.2055	0.5905
Main Bearing Set	AL-5	MS-2357A MB4047A	STD					
Thrust Washer Set		TW-727S TW727S	STD					
55	3.5L 3456 CC DOHC 24V V6 TOYOTA 2GRFKS, 2GRFXE (2011-2016)			3.700"/94.0mm x 3.270"/83.0mm				55
Connecting Rod Bearing Set	AL-3	CB-1980A(6)	STD					
		CB1980A		2.0850		0.0585	2.2055	0.5905
Main Bearing Set	AL-5	MS-2357A MB4047A	STD					
Thrust Washer Set		TW-727S TW727S	STD					
56	3.5L 3456 CC 211 CID DOHC 24V V6 TOYOTA 2GR-FE (2010-2014)			3.700"/94.0mm x 3.270"/83.0mm				56
Connecting Rod Bearing Set	AL-3	CB-1977A(6)	STD,.25mm,.50mm					
		CB1977A		2.0870		0.0584	2.2055	0.5905
57	4.0L 3956 CC OHV 12V L6 TOYOTA 3FE VIN Code: 'F' (1988-1992)			3.700"/94.0mm x 3.740"/95.0mm				57
Connecting Rod Bearing Pair (6)	AL-3	CB-1440P	STD,.25mm,.50mm, .75mm	2.0866	0.0028	0.0593	2.2054	0.8660
Main Bearing Set	TM-1	MS-1777P	STD					
1		MB-2747G		2.6369/2.6378	0.0009/0.0044	0.0983	2.8350/2.8360	1.2600
2		MB-2748G		2.6959/2.6968	0.0009/0.0044	0.0983	2.8941/2.8951	1.1810
3		MB-3195P		2.7557/2.7565	0.0009/0.0040	0.0983	2.9533/2.9541	1.1030
4		MB-3196P		2.8148/2.8156	0.0009/0.0040	0.0983	3.0124/3.0131	1.5750
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-462S								
Camshaft Bearing Set	B-1	SH-1060S	STD					
58	4.0L 3956 CC 241 CID DOHC 24V V6 TOYOTA (2007)			3.700"/94.0mm x 3.740"/95.0mm				58
Connecting Rod Bearing Pair (6)	AL-3	CB-1890A	STD,.25mm,.50mm	2.2044/2.2047	0.0010/0.0018	0.0587	2.3228/2.3236	0.6299
Connecting Rod Bearing Set	AL-3	CB-1890A(6)	STD,.25mm,.50mm	2.2044/2.2047	0.0010/0.0018	0.0587	2.3228/2.3236	0.6299
59	4.0L 3956 CC 241 CID DOHC 24V V6 TOYOTA 1GRFE (2003-2014)			3.700"/94.0mm x 3.740"/95.0mm				59
Connecting Rod Bearing Pair (6)	AL-3	CB-1890A	STD,.25mm,.50mm	2.2044/2.2047	0.0010/0.0018	0.0587	2.3228/2.3236	0.6299
Connecting Rod Bearing Set	AL-3	CB-1890A(6)	STD,.25mm,.50mm	2.2044/2.2047	0.0010/0.0018	0.0587	2.3228/2.3236	0.6299



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL (cont.)								
59 (cont.)	4.0L 3956 CC 241 CID DOHC 24V V6 TOYOTA 1GRFE (2003-2014)			3.700"/94.0mm x 3.740"/95.0mm				59 (cont.)
Main Bearing Set 1-4	AL-3	MS-2298A	STD,.25mm,.50mm	2.8346		0.0979	3.0315/3.0323	0.7453
2-3		MB-3911A		2.8346		0.0979	3.0315/3.0323	0.8791
For Years: 2003 - 2013								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-692S								
Thrust Washer Set		TW-692S	STD	3.1516			3.8090	0.0776
For Years: 2010 - 2014								
60	4.0L 3956 CC 241 CID DOHC 24V V6 TOYOTA 1GRFE, 567F (2012-2014)			3.700"/94.0mm x 3.740"/95.0mm				60
Connecting Rod Bearing Pair (6)	AL-3	CB-1890A	STD,.25mm,.50mm	2.2044/2.2047	0.0010/0.0018	0.0587	2.3228/2.3236	0.6299
Connecting Rod Bearing Set	AL-3	CB-1890A(6)	STD,.25mm,.50mm	2.2044/2.2047	0.0010/0.0018	0.0587	2.3228/2.3236	0.6299
Thrust Washer Set		TW-692S	STD	3.1516			3.8090	0.0776
61	4.2L 4227 CC OHV 12V L6 TOYOTA 2F VIN Code: 'F' (1975-1977)			3.700"/94.0mm x 4.000"/101.6mm				61
Connecting Rod Bearing Pair (6)	AL-3	CB-1219G	STD,.25mm,.50mm,.75mm	2.1254/2.1260	0.0013/0.0033	0.0547	2.2368	1.2960
NOTE: Full Annular Groove								
Main Bearing Set 1	TM-1	MS-1429G	STD,.25mm,.50mm,.75mm	2.6369/2.6378	0.0009/0.0044	0.0983	2.8350/2.8360	1.2600
2		MB-2747G		2.6959/2.6968	0.0009/0.0044	0.0983	2.8941/2.8951	1.1810
3		MB-2748G		2.7550/2.7559	0.0009/0.0044	0.0983	2.9531/2.9541	1.4160
4		MB-2749G(F)		2.8140/2.8149	0.0009/0.0044	0.0983	3.0122/3.0132	1.5870
		MB-2750G						
NOTE: Full Annular Groove								
Main Bearing Set	TM-1	MS-2087P-.25mm						
Camshaft Bearing Set	B-1	SH-1060S	STD					
62	4.2L 4227 CC OHV 12V L6 TOYOTA 2F VIN Code: 'F' (1978-1987)			3.700"/94.0mm x 4.000"/101.6mm				62
Connecting Rod Bearing Pair (6)	AL-3	CB-1219G	STD,.25mm,.50mm,.75mm	2.1254/2.1260	0.0013/0.0033	0.0547	2.2368	1.2960
NOTE: Full Annular Groove								
Main Bearing Set 1	TM-1	MS-1429G	STD,.25mm,.50mm,.75mm	2.6369/2.6378	0.0009/0.0044	0.0983	2.8350/2.8360	1.2600
2		MB-2747G		2.6959/2.6968	0.0009/0.0044	0.0983	2.8941/2.8951	1.1810
3		MB-2748G		2.7550/2.7559	0.0009/0.0044	0.0983	2.9531/2.9541	1.4160
4		MB-2749G(F)		2.8140/2.8149	0.0009/0.0044	0.0983	3.0122/3.0132	1.5870
		MB-2750G						
For Years: 1978 - 1983								
NOTE: Full Annular Groove								



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COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
62 (cont.)	4.2L 4227 CC OHV 12V L6 TOYOTA 2F VIN Code: 'F' (1978-1987)			3.700"/94.0mm x 4.000"/101.6mm				62 (cont.)
Main Bearing Set	TM-1	MS-1777P	STD					
1		MB-2747G		2.6369/2.6378	0.0009/0.0044	0.0983	2.8350/2.8360	1.2600
2		MB-2748G		2.6959/2.6968	0.0009/0.0044	0.0983	2.8941/2.8951	1.1810
3		MB-3195P		2.7557/2.7565	0.0009/0.0040	0.0983	2.9533/2.9541	1.1030
4		MB-3196P		2.8148/2.8156	0.0009/0.0040	0.0983	3.0124/3.0131	1.5750
For Years: 1984 - 1987								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-462S								
Main Bearing Set	TM-1	MS-2087P-.25mm						
For Years: 1978 - 1983								
Camshaft Bearing Set	B-1	SH-1060S	STD					
				8 CYL				
63	4.5L 4477 CC DOHC 24V L6 TOYOTA 1FZFE VIN Codes: 'D' (1993-1995), 'J' (1996-1997)			3.940"/100.0mm x 3.740"/95.0mm				63
Connecting Rod Bearing Pair (6)	TM-1	CB-1656A	STD, .25mm, .50mm	2.2434/2.2441	0.0013/0.0024	0.0687	2.3829/2.3836	0.8430
Connecting Rod Bearing Set	TM-1	CB-1656A(6)	STD, .25mm, .50mm	2.2434/2.2441	0.0013/0.0024	0.0687	2.3829/2.3836	0.8430
Main Bearing Set		MS-2061A	STD, .25mm, .50mm, .75mm					
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-598S								
Thrust Washer Set		TW-598S	STD					
		MB-3551W		2.9587			3.6969	0.0974
				8 CYL				
64	4.6L 4608 CC DOHC 32V V8 TOYOTA 1URFE (2010-2016)			3.700"/94.0mm x 3.270"/83.0mm				64
Connecting Rod Bearing Set	AL-3	CB1986A(8)	STD					
		CB1986A		2.0858		0.0587	2.2055	0.6693
Main Bearing Set	AL-5	MS-2365A	STD					
		MB4053A						
		MB4056A						
Thrust Washer Set		TW-728S	STD					
3		MB4053W				0.0984		
65	4.7L 4663 CC 285 CID DOHC 32V V8 TOYOTA 2UZFE VIN Code: 'T' (1998)			3.700"/94.0mm x 3.310"/84.0mm				65
	4.7L 4663 CC 285 CID DOHC 32V V8 TOYOTA 2UZFE; i-Force (2003-2009)			3.700"/94.0mm x 3.310"/84.0mm				
Connecting Rod Bearing Pair (8)	TM-1	CB-1627P	STD, .25mm, .50mm	2.0465/2.0472	0.0010/0.0020	0.0587	2.1654/2.1663	0.7677
Main Bearing Set	AL-5	MS-2284A	STD, .25mm, .50mm					
1-5		MB-3917A		2.6372/2.6378	0.0010/0.0028	0.0979	2.8346/2.8352	0.8850
2-3-4		MB-3918A		2.6372/2.6378	0.0010/0.0028	0.0979	2.8346/2.8352	0.7700
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-588S								
Thrust Washer Set		TW-588S	STD	2.8901			3.5162	0.8460
66	4.7L 4663 CC 285 CID DOHC 32V V8 TOYOTA 2UZ-FE (2007-2008)			3.700"/94.0mm x 3.310"/84.0mm				66
Thrust Washer Set		TW-588S	STD	2.8901			3.5162	0.8460

TOYOTA

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
8 CYL (cont.)								
67	5.7L 5663 CC 345 CID DOHC 32V V8 TOYOTA 3URFBE; i-Force (2009-2016)			3.700"/94.0mm x 4.020"/102.1mm			67	
Thrust Washer Set 3		TW-728S MB4053W	STD	0.0984				
68	5.7L 5663 CC 345 CID DOHC 32V V8 TOYOTA 3URFE; i-Force (2007-2016)			3.700"/94.0mm x 4.020"/102.1mm			68	
		5.7L 5663 CC 346 CID DOHC 32V V8 TOYOTA 3UR-FE (2010-2014)			3.700"/94.0mm x 4.020"/102.0mm			
Connecting Rod Bearing Set		AL-3 CB-1985A(8) CB1985A	STD	2.0858	0.0587	2.3236	0.6693	
Main Bearing Set		AL-5 MS-2365A MB4053A MB4056A	STD					
Thrust Washer Set 3		TW-728S MB4053W	STD	0.0984				

TURNER

ENGINE	YEAR	BORE & STROKE	BLOCK
0.9L 948 CC 58 CID OHV 8V L4 BRITISH LEYLAND 9CG	1959-1966	2.480"/62.9mm x 3.000"/76.2mm	1

MODEL	ENGINE	YEAR	BLOCK
950	0.9L 948 CC 58 CID OHV 8V L4 BRITISH LEYLAND	1959-1966	1
SPR60	0.9L 948 CC 58 CID OHV 8V L4 BRITISH LEYLAND	1959-1963	1

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	0.9L 948 CC 58 CID OHV 8V L4 BRITISH LEYLAND 9CG (1959-1966)			2.480"/62.9mm x 3.000"/76.2mm			1	
Connecting Rod Bearing Pair (4)		VP-2 CB-488P	STD,10,20	1.6254/1.6259	0.0013/0.0033	0.0719	1.7705/1.7710	0.8800



VOLVO

ENGINE	YEAR	BORE & STROKE	BLOCK
2.3L 2316 CC SOHC 8V L4 B230F, B230FT, B23FT	1984-1995	3.780"/96.0mm x 3.150"/80.0mm	1
2.3L 2316 CC DOHC 16V L4 B234F	1989-1992	3.780"/96.0mm x 3.150"/80.0mm	1
2.4L 2383 CC SOHC 12V L6 VW D24, D24T	1980-1986	3.010"/76.5mm x 3.390"/86.4mm	2

MODEL	ENGINE	YEAR	BLOCK
240	2.3L 2316 CC SOHC 8V L4	1990-1993	1
244	2.3L 2316 CC SOHC 8V L4	1985-1989	1
244	2.4L 2383 CC SOHC 12V L6 VW	1982-1984	2
245	2.3L 2316 CC SOHC 8V L4	1985-1989	1
245	2.4L 2383 CC SOHC 12V L6 VW	1982-1984	2
264	2.4L 2383 CC SOHC 12V L6 VW	1980-1981	2
265	2.4L 2383 CC SOHC 12V L6 VW	1980	2
740	2.3L 2316 CC SOHC 8V L4	1985-1992	1
740	2.3L 2316 CC DOHC 16V L4	1989-1990	1
740	2.4L 2383 CC SOHC 12V L6 VW	1985-1986	2
745	2.3L 2316 CC SOHC 8V L4	1985	1
745	2.4L 2383 CC SOHC 12V L6 VW	1985	2
760	2.3L 2316 CC SOHC 8V L4	1984-1990	1
760	2.4L 2383 CC SOHC 12V L6 VW	1983-1985	2
780	2.3L 2316 CC SOHC 8V L4	1989-1991	1
940	2.3L 2316 CC DOHC 16V L4	1991-1992	1
940	2.3L 2316 CC SOHC 8V L4	1991-1995	1

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	2.3L 2316 CC SOHC 8V L4 VOLVO B230F, B230FT, B23FT VIN Codes: '8' (1985-1995), '88' (1992-1994)			3.780"/96.0mm x 3.150"/80.0mm		1		
	2.3L 2316 CC DOHC 16V L4 VOLVO B234F VIN Code: '8' (1989-1992)			3.780"/96.0mm x 3.150"/80.0mm				
Connecting Rod	TM-77	CB-1302P	STD	1.9285/1.9293	0.0010/0.0029	0.0587	2.0472/2.0478	0.9450
Bearing Pair (4)								
6 CYL								
2	2.4L 2383 CC SOHC 12V L6 VW D24, D24T (1980-1986)			3.010"/76.5mm x 3.390"/86.4mm		2		
Connecting Rod	AL-5	CB-1426A	STD,	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
Bearing Pair (6)								
Connecting Rod	TM-77	CB-1426P	STD,.25mm,.50mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
Bearing Pair (6)								
Connecting Rod	AL-5	CB-1426A(6)	STD,.25mm,.50mm, .75mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
Bearing Set								



ENGINE	YEAR	BORE & STROKE	BLOCK
1.2L 1192 CC 73 CID OHV 8V H4	1954-1966	3.030"/77.0mm x 2.520"/64.0mm	1
1.3L 1285 CC 78 CID OHV 8V H4	1966	3.030"/77.0mm x 2.720"/69.0mm	1
1.5L 1471 CC SOHC 8V L4 CK, FC, FG, XR, XS	1975-1980	3.010"/76.5mm x 3.150"/80.0mm	2
1.5L 1471 CC 90 CID SOHC 8V L4 XV, XW, XY, XZ	1974	3.010"/76.5mm x 3.150"/80.0mm	2
1.5L 1457 CC SOHC 8V L4 EH, FX	1978-1980	3.130"/79.5mm x 2.890"/73.4mm	3
1.5L 1493 CC 91 CID OHV 8V H4	1963-1969	3.270"/83.0mm x 2.720"/69.0mm	1
1.6L 1588 CC 97 CID SOHC 8V L4 IV	1992	2.960"/75.2mm x 3.540"/90.0mm	4
1.6L 1588 CC 97 CID SOHC 8V L4 CS	1982-1984	3.130"/76.5mm x 3.150"/80.0mm	5
1.6L 1588 CC 97 CID SOHC 8V L4 ME	1985-1988	3.130"/76.5mm x 3.150"/80.0mm	4
1.6L 1588 CC 97 CID SOHC 8V L4 MF	1985-1991	3.130"/76.5mm x 3.150"/80.0mm	4
1.6L 1588 CC 97 CID SOHC 8V L4 CR, CY, JK	1981-1984	3.130"/79.5mm x 3.150"/80.0mm	5
1.6L 1588 CC 97 CID SOHC 8V L4 EE, EJ, FN, YG, YH, YK	1976-1980	3.130"/79.5mm x 3.150"/80.0mm	2
1.6L 1588 CC 97 CID SOHC 8V L4 MD, ME	1985-1991	3.130"/79.5mm x 3.150"/80.0mm	4
1.6L 1584 CC 97 CID OHV 8V H4 AD, AE, AF, AJ, AS, T	1966-1980	3.370"/85.5mm x 2.720"/69.0mm	6
1.6L 1584 CC 97 CID OHV 8V H4 AG, AK, X	1972-1974	3.370"/85.5mm x 2.720"/69.0mm	7
1.6L 1584 CC 97 CID OHV 8V H4 AH, P	1966-1974	3.370"/85.5mm x 2.720"/69.0mm	8
1.6L 1584 CC 97 CID OHV 8V H4 AL, AM	1973-1974	3.370"/85.5mm x 2.720"/69.0mm	9
1.6L 1584 CC 97 CID OHV 8V H4 B, C	1968-1970	3.370"/85.5mm x 2.720"/69.0mm	10
1.7L 1715 CC SOHC 8V L4 EN, JF, WT	1981-1984	3.130"/79.5mm x 3.400"/86.4mm	2
1.7L 1715 CC SOHC 8V L4 JF	1983-1984	3.130"/79.5mm x 3.400"/86.4mm	11
1.8L 1781 CC SOHC 8V L4 JH	1984-1989	3.189"/81.0mm x 3.400"/86.4mm	12
1.8L 1780 CC SOHC 8V L4 2H, ABG, GX, JH, PF, RD, RV	1984-1993	3.190"/81.0mm x 3.400"/86.4mm	13
1.8L 1781 CC SOHC 8V L4 HT	1985-1986	3.190"/81.0mm x 3.400"/86.4mm	14
1.8L 1780 CC SOHC 8V L4 JH, JN, PG, UM	1983-1992	3.190"/81.0mm x 3.400"/86.4mm	4
1.8L 1781 CC SOHC 8V L4 PG	1991-1992	3.190"/81.0mm x 3.400"/86.4mm	4
1.8L 1780 CC DOHC 16V L4 PL	1986-1989	3.190"/81.0mm x 3.400"/86.4mm	4
1.8L 1781 CC DOHC 20V L4 ATW, AWM, AWP	2000-2006	3.190"/81.0mm x 3.400"/86.4mm	14
1.9L 1896 CC 116 CID SOHC 8V L4 1Z	1996-1997	3.130"/79.5mm x 3.760"/95.5mm	16
1.9L 1896 CC 116 CID SOHC 8V L4 AAZ, AHU, ALH	1996-2003	3.130"/79.5mm x 3.760"/95.5mm	16
1.9L 1896 CC 116 CID SOHC 8V L4 AHU, ALH, BEW	1999-2006	3.130"/79.5mm x 3.760"/95.5mm	17
1.9L 1896 CC 116 CID SOHC 8V L4 ALH	1998-2014	3.130"/79.5mm x 3.760"/95.5mm	18
1.9L 1915 CC OHV 8V H4 DH	1983-1985	3.700"/94.0mm x 2.720"/69.0mm	15
2.0L 1984 CC 121 CID SOHC 8V L4 ABA, AEG, AVH, AZG	1993-2002	3.250"/82.5mm x 3.650"/92.8mm	4
2.0L 1984 CC 121 CID OHV 8V L4	1999	3.250"/82.5mm x 3.650"/92.8mm	4
2.0L 1984 CC DOHC 16V L4 9A	1990-1993	3.248"/82.5mm x 3.650"/92.8mm	12
2.0L 1984 CC 121 CID DOHC 16V L4 9A	1990-1993	3.250"/82.5mm x 3.650"/92.8mm	4
2.1L 2109 CC OHV 8V H4 MV	1986-1991	3.700"/94.0mm x 2.990"/75.9mm	15
2.1L 2144 CC SOHC 10V L5 WE	1983	3.130"/79.5mm x 3.400"/86.4mm	19
2.2L 2226 CC SOHC 10V L5 JT	1986-1987	3.190"/81.0mm x 3.400"/85.4mm	20
2.2L 2226 CC SOHC 10V L5 KX	1985-1988	3.250"/82.5mm x 3.400"/86.4mm	20
2.8L 2792 CC SOHC 12V V6 AAA, AES, AFP; VR6	1992-2002	3.190"/81.0mm x 3.560"/90.3mm	21
2.8L 2792 CC SOHC 12V V6 AAA; VR6	1999	3.190"/81.0mm x 3.560"/90.3mm	22
2.8L 2792 CC DOHC 24V V6 AXK, BDF; VR6	2001-2005	3.190"/81.0mm x 3.560"/90.3mm	21
2.8L 2771 CC DOHC 30V V6 AHA; VR6	1998-1999	3.190"/81.0mm x 3.560"/90.3mm	23
3.8L 3778 CC 231 CID SOHC 12V V6	2009-2010	3.780"/96.0mm x 3.430"/87.0mm	24
3.8L 3778 CC 231 CID OHV 12V V6 CHRYSLER CGUA	2009-2010	3.780"/96.0mm x 3.430"/87.0mm	25
4.0L 3952 CC 241 CID SOHC 24V V6 CHRYSLER CGVA	2009-2010	3.780"/96.0mm x 3.580"/91.0mm	26

VW

MODEL	ENGINE	YEAR	BLOCK
Beetle	1.8L 1781 CC DOHC 20V L4	2002-2004	14
Beetle	1.2L 1192 CC 73 CID OHV 8V H4	1954-1966	1
Beetle	1.3L 1285 CC 78 CID OHV 8V H4	1966	1
Beetle	1.5L 1493 CC 91 CID OHV 8V H4	1967-1969	1
Beetle	1.6L 1584 CC 97 CID OHV 8V H4	1970	10
Beetle	1.6L 1584 CC 97 CID OHV 8V H4	1970-1979	6
Beetle	1.6L 1584 CC 97 CID OHV 8V H4	1972-1974	8
Beetle	1.6L 1584 CC 97 CID OHV 8V H4	1973-1974	7
Beetle	1.9L 1896 CC 116 CID SOHC 8V L4	1998-2003	16
Beetle	1.9L 1896 CC 116 CID SOHC 8V L4	1998-2004	18
Beetle	1.9L 1896 CC 116 CID SOHC 8V L4	2004	17
Beetle	2.0L 1984 CC 121 CID SOHC 8V L4	1998-2002	4
Cabrio	2.0L 1984 CC 121 CID SOHC 8V L4	1995-2002	4
Cabriole	1.8L 1780 CC SOHC 8V L4	1985-1993	13
Cabriole	1.8L 1781 CC SOHC 8V L4	1985-1989	12
Corrado	1.8L 1780 CC SOHC 8V L4	1990-1992	4
Corrado	1.8L 1781 CC SOHC 8V L4	1991-1992	4
Corrado	2.8L 2792 CC SOHC 12V V6; VR6	1992-1994	21
Crafter	1.9L 1896 CC 116 CID SOHC 8V L4	2014	18
Dasher	1.5L 1471 CC SOHC 8V L4	1975-1980	2
Dasher	1.5L 1471 CC 90 CID SOHC 8V L4	1974	2
Dasher	1.6L 1588 CC 97 CID SOHC 8V L4	1976-1980	2
Dasher	1.6L 1588 CC 97 CID SOHC 8V L4	1981	5
EuroVan	2.8L 2792 CC SOHC 12V V6; VR6	1997-2001	21
EuroVan	2.8L 2792 CC DOHC 24V V6; VR6	2001-2003	21
Fastback	1.6L 1584 CC 97 CID OHV 8V H4	1966-1973	6
Fastback	1.6L 1584 CC 97 CID OHV 8V H4	1966-1973	8
Fastback	1.6L 1584 CC 97 CID OHV 8V H4	1972-1973	7
Fox	1.8L 1780 CC SOHC 8V L4	1987-1990	4
Fox	1.8L 1780 CC SOHC 8V L4	1991-1993	13
Golf	1.8L 1780 CC SOHC 8V L4	1985-1992	13
Golf	1.8L 1780 CC DOHC 16V L4	1987-1989	4
Golf	1.8L 1781 CC SOHC 8V L4	1985-1986	14
Golf	1.8L 1781 CC DOHC 20V L4	2002-2006	14
Golf	2.0L 1984 CC DOHC 16V L4	1990-1992	12
Golf	2.8L 2792 CC SOHC 12V V6; VR6	1995-2002	21
Golf	2.8L 2792 CC DOHC 24V V6; VR6	2002-2005	21
Golf	1.6L 1588 CC 97 CID SOHC 8V L4	1985-1988	4
Golf	1.9L 1896 CC 116 CID SOHC 8V L4	1999-2003	16
Golf	1.9L 1896 CC 116 CID SOHC 8V L4	1999-2004	18
Golf	1.9L 1896 CC 116 CID SOHC 8V L4	2004-2006	17
Golf	2.0L 1984 CC 121 CID DOHC 16V L4	1990-1992	4
Golf	2.0L 1984 CC 121 CID SOHC 8V L4	1993-2002	4
Jetta	1.7L 1715 CC SOHC 8V L4	1981-1984	2
Jetta	1.8L 1780 CC SOHC 8V L4	1985-1992	13
Jetta	1.8L 1780 CC DOHC 16V L4	1987-1989	4
Jetta	1.8L 1781 CC SOHC 8V L4	1985	14
Jetta	1.8L 1781 CC DOHC 20V L4	2002-2005	14
Jetta	2.0L 1984 CC DOHC 16V L4	1990-1992	12
Jetta	2.8L 2792 CC SOHC 12V V6; VR6	1994-2002	21

VW

MODEL	ENGINE	YEAR	BLOCK
Jetta	2.8L 2792 CC SOHC 12V V6; VR6	1999	22
Jetta	2.8L 2792 CC DOHC 24V V6; VR6	2002-2004	21
Jetta	1.6L 1588 CC 97 CID SOHC 8V L4	1980	2
Jetta	1.6L 1588 CC 97 CID SOHC 8V L4	1981-1984	5
Jetta	1.6L 1588 CC 97 CID SOHC 8V L4	1985-1991	4
Jetta	1.6L 1588 CC 97 CID SOHC 8V L4	1985-1992	4
Jetta	1.9L 1896 CC 116 CID SOHC 8V L4	1996-2003	16
Jetta	1.9L 1896 CC 116 CID SOHC 8V L4	1999-2004	18
Jetta	1.9L 1896 CC 116 CID SOHC 8V L4	1999-2004	17
Jetta	2.0L 1984 CC 121 CID DOHC 16V L4	1990-1992	4
Jetta	2.0L 1984 CC 121 CID SOHC 8V L4	1993-2002	4
Jetta	2.0L 1984 CC 121 CID OHV 8V L4	1999	4
Karmann Ghia	1.2L 1192 CC 73 CID OHV 8V H4	1955-1965	1
Karmann Ghia	1.3L 1285 CC 78 CID OHV 8V H4	1966	1
Karmann Ghia	1.5L 1493 CC 91 CID OHV 8V H4	1967-1969	1
Karmann Ghia	1.6L 1584 CC 97 CID OHV 8V H4	1970	10
Karmann Ghia	1.6L 1584 CC 97 CID OHV 8V H4	1970-1974	6
Karmann Ghia	1.6L 1584 CC 97 CID OHV 8V H4	1972-1974	8
Karmann Ghia	1.6L 1584 CC 97 CID OHV 8V H4	1973-1974	7
Passat	1.8L 1781 CC DOHC 20V L4	2000-2005	14
Passat	2.0L 1984 CC DOHC 16V L4	1991-1993	12
Passat	2.8L 2771 CC DOHC 30V V6; VR6	1998-1999	23
Passat	2.8L 2792 CC SOHC 12V V6; VR6	1993-1997	21
Passat	1.9L 1896 CC 116 CID SOHC 8V L4	1996-1997	16
Passat	1.9L 1896 CC 116 CID SOHC 8V L4	1997	16
Passat	2.0L 1984 CC 121 CID DOHC 16V L4	1990-1993	4
Passat	2.0L 1984 CC 121 CID SOHC 8V L4	1995-1996	4
Quantum	1.7L 1715 CC SOHC 8V L4	1982-1983	2
Quantum	1.8L 1780 CC SOHC 8V L4	1984-1985	4
Quantum	2.1L 2144 CC SOHC 10V L5	1983	19
Quantum	2.2L 2226 CC SOHC 10V L5	1985-1988	20
Quantum	1.6L 1588 CC 97 CID SOHC 8V L4	1982-1984	5
Quantum	1.6L 1588 CC 97 CID SOHC 8V L4	1985	4
Rabbit	1.5L 1457 CC SOHC 8V L4	1978-1980	3
Rabbit	1.5L 1471 CC SOHC 8V L4	1975-1980	2
Rabbit	1.7L 1715 CC SOHC 8V L4	1981-1984	2
Rabbit	1.7L 1715 CC SOHC 8V L4	1983-1984	11
Rabbit	1.8L 1780 CC SOHC 8V L4	1983-1984	4
Rabbit	1.8L 1780 CC SOHC 8V L4	1984	13
Rabbit	1.8L 1781 CC SOHC 8V L4	1984	12
Rabbit	1.6L 1588 CC 97 CID SOHC 8V L4	1976-1980	2
Rabbit	1.6L 1588 CC 97 CID SOHC 8V L4	1981-1984	5
Rabbit Convertible	1.7L 1715 CC SOHC 8V L4	1981-1983	2
Rabbit Convertible	1.8L 1780 CC SOHC 8V L4	1984	13
Rabbit Convertible	1.8L 1781 CC SOHC 8V L4	1984	12
Rabbit Convertible	1.6L 1588 CC 97 CID SOHC 8V L4	1980	2
Rabbit Pickup	1.5L 1457 CC SOHC 8V L4	1980	3
Rabbit Pickup	1.7L 1715 CC SOHC 8V L4	1981-1983	2
Rabbit Pickup	1.6L 1588 CC 97 CID SOHC 8V L4	1980	2
Rabbit Pickup	1.6L 1588 CC 97 CID SOHC 8V L4	1981-1983	5



VW

MODEL	ENGINE	YEAR	BLOCK
Routan	3.8L 3778 CC 231 CID SOHC 12V V6	2009-2010	24
Routan	3.8L 3778 CC 231 CID OHV 12V V6 CHRYSLER	2009-2010	25
Routan	4.0L 3952 CC 241 CID SOHC 24V V6 CHRYSLER	2009-2010	26
Scirocco	1.5L 1457 CC SOHC 8V L4	1978	3
Scirocco	1.5L 1471 CC SOHC 8V L4	1975	2
Scirocco	1.7L 1715 CC SOHC 8V L4	1981-1983	2
Scirocco	1.8L 1780 CC SOHC 8V L4	1984-1987	4
Scirocco	1.8L 1780 CC SOHC 8V L4	1984-1987	13
Scirocco	1.8L 1780 CC DOHC 16V L4	1986-1987	4
Scirocco	1.8L 1781 CC SOHC 8V L4	1984-1987	12
Scirocco	1.6L 1588 CC 97 CID SOHC 8V L4	1976-1980	2
Squareback	1.6L 1584 CC 97 CID OHV 8V H4	1966-1973	8
Squareback	1.6L 1584 CC 97 CID OHV 8V H4	1966-1973	6
Squareback	1.6L 1584 CC 97 CID OHV 8V H4	1972-1973	7
Super Beetle	1.6L 1584 CC 97 CID OHV 8V H4	1971-1980	6
Super Beetle	1.6L 1584 CC 97 CID OHV 8V H4	1972-1974	8
Super Beetle	1.6L 1584 CC 97 CID OHV 8V H4	1973-1974	7
Thing	1.6L 1584 CC 97 CID OHV 8V H4	1973-1974	6
Thing	1.6L 1584 CC 97 CID OHV 8V H4	1973-1974	7
Thing	1.6L 1584 CC 97 CID OHV 8V H4	1973-1974	8
Thing	1.6L 1584 CC 97 CID OHV 8V H4	1973-1974	9
Transporter	1.2L 1192 CC 73 CID OHV 8V H4	1954-1965	1
Transporter	1.5L 1493 CC 91 CID OHV 8V H4	1963-1967	1
Transporter	1.6L 1584 CC 97 CID OHV 8V H4	1968-1970	10
Transporter	1.6L 1584 CC 97 CID OHV 8V H4	1968-1974	6
Vanagon	1.9L 1915 CC OHV 8V H4	1983-1985	15
Vanagon	2.1L 2109 CC OHV 8V H4	1986-1991	15
Vanagon	1.6L 1588 CC 97 CID SOHC 8V L4	1982-1984	5

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
								4 CYL
1		1.2L 1192 CC 73 CID OHV 8V H4 VW (1954-1966)					3.030"/77.0mm x 2.520"/64.0mm	1
		1.3L 1285 CC 78 CID OHV 8V H4 VW (1966)					3.030"/77.0mm x 2.720"/69.0mm	
		1.5L 1493 CC 91 CID OHV 8V H4 VW (1963-1969)					3.270"/83.0mm x 2.720"/69.0mm	
Connecting Rod Bearing Pair (4)	AL-5	CB-780A	STD, .25mm, .50mm, .75mm, 1.00mm	2.1640/2.1650	0.0010/0.0035	0.0550	2.2755/2.2760	0.6930
Connecting Rod Bearing Set	AL-5	CB-780A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	2.1640/2.1650	0.0010/0.0035	0.0550	2.2755/2.2760	0.6930
Main Bearing Set	AL-1	MS-822A	STD, 10, 20, 30, 40					
1		MB-2391A(F)		2.1642/2.1650	0.0015/0.0038	0.1963	2.5591/2.5598	1.0610
2		MB-2392P		2.1642/2.1650	0.0005/0.0028	0.1982	2.5591/2.5598	0.8660
3		MB-2393A		2.1642/2.1650	0.0011/0.0036	0.1965	2.5591/2.5598	0.8660
4		MB-2394A		1.5742/1.5748	0.0013/0.0033	0.1962	1.9685/1.9691	0.5910



VW

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
1 (cont.)	1.2L 1192 CC 73 CID OHV 8V H4 VW (1954-1966)			3.030"/77.0mm x 2.520"/64.0mm			1 (cont.)	
	1.3L 1285 CC 78 CID OHV 8V H4 VW (1966)			3.030"/77.0mm x 2.720"/69.0mm				
	1.5L 1493 CC 91 CID OHV 8V H4 VW (1963-1969)			3.270"/83.0mm x 2.720"/69.0mm				
Main Bearing Set	AL-5	MS-943A	STD,10,20,30,40					
1		MB-64A		2.1642/2.1650	0.0015/0.0038		2.5787/2.5795	1.0605
2		MB-66A		2.1642/2.1650	0.0011/0.0036		2.5787/2.5795	0.8660
3		MB-67A		1.5742/1.5748	0.0013/0.0033		1.9882/1.9888	0.5910
4		MB-65P		2.1642/2.1649	0.0005/0.0028	0.2080	2.5787/2.5794	0.8660
NOTE: .020in Oversized Housing Bore, .040in Oversized Length Flange								
Main Bearing Set		MS-1053A	STD,10,20,30,40					
1		MB-596A		2.1642/2.1650	0.0015/0.0038		2.5984/2.5992	1.0605
2		MB-597P		2.1642/2.1649	0.0005/0.0028		2.5984/2.5991	0.8660
3		MB-598A		2.1542/2.1650	0.0011/0.0036		2.5984/2.5992	0.8660
4		MB-599A		1.5742/1.5748	0.0013/0.0033		2.0078/2.0085	0.5910
NOTE: .040in Oversized Housing Bore, .040in Oversized Length Flange								
Main Bearing Set		MS-1416A	STD,10,20,30,40					
1		MB-2719A		2.1642/2.1650	0.0015/0.0038		2.6182/2.6189	1.0605
2		MB-2720P		2.1642/2.1650	0.0005/0.0028	0.2276	2.6187/2.6198	0.8660
3		MB-2721A		2.1642/2.1650	0.0011/0.0036		2.6182/2.6189	0.8660
4		MB-2722A		1.5742/1.5748	0.0013/0.0033		2.0275/2.0285	0.5910
NOTE: .060in Oversized Housing								
Main Bearing Set		MS-1417A	STD,10,20,30,40					
1		MB-2723A		2.1642/2.1650	0.0015/0.0038		2.6378/2.6385	1.0605
2		MB-2724P		2.1642/2.1650	0.0005/0.0028	0.2374	2.6378/2.6385	0.8660
3		MB-2725A		2.1642/2.1650	0.0011/0.0036		2.6378/2.6385	0.8660
4		MB-2726A		1.5742/1.5748	0.0013/0.0033		2.0472/2.0478	0.5910
NOTE: .080in Oversized Housing								
Camshaft Bearing Set	B-1	SH-735S	STD					
Piston Pin Bushing	C-1	223-3732	STD			0.0900	0.9437/0.9449	0.9213
NOTE: OE Replacement								
2	1.5L 1471 CC SOHC 8V L4 VW CK, FC, FG, XR, XS (1975-1980)			3.010"/76.5mm x 3.150"/80.0mm			2	
	1.5L 1471 CC 90 CID SOHC 8V L4 VW XV, XW, XY, XZ (1974)			3.010"/76.5mm x 3.150"/80.0mm				
	1.6L 1588 CC 97 CID SOHC 8V L4 VW EE, EJ, FN, YG, YH, YK (1976-1980)			3.130"/79.5mm x 3.150"/80.0mm				
	1.7L 1715 CC SOHC 8V L4 VW EN, JF, WT VIN Codes: 'A' (1981-1984), 'B' (1981-1984)			3.130"/79.5mm x 3.400"/86.4mm				
Connecting Rod Bearing Pair (4)	AL-5	CB-1017A	STD,.25mm,.50mm,.75mm	1.8087/1.8094	0.0016/0.0040	0.0593	1.9291/1.9298	0.7480
Connecting Rod Bearing Pair (4)	TM-77	CB-1017P	STD	1.8094	0.0016/0.0040	0.0593	1.9291/1.9298	0.7480
Connecting Rod Bearing Set	AL-5	CB-1017A(4)	STD,.25mm,.50mm,.75mm	1.8087/1.8094	0.0016/0.0040	0.0593	1.9291/1.9298	0.7480



VW

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
2 (cont.)	1.5L 1471 CC SOHC 8V L4 VW CK, FC, FG, XR, XS (1975-1980)						3.010"/76.5mm x 3.150"/80.0mm	2 (cont.)
	1.5L 1471 CC 90 CID SOHC 8V L4 VW XV, XW, XY, XZ (1974)						3.010"/76.5mm x 3.150"/80.0mm	
	1.6L 1588 CC 97 CID SOHC 8V L4 VW EE, EJ, FN, YG, YH, YK (1976-1980)						3.130"/79.5mm x 3.150"/80.0mm	
	1.7L 1715 CC SOHC 8V L4 VW EN, JF, WT VIN Codes: 'A' (1981-1984), 'B' (1981-1984)						3.130"/79.5mm x 3.400"/86.4mm	
Main Bearing Set 1-2-4-5 3	AL-5	MS-1157A	STD,10,20,30,40	2.1236/2.1244	0.0014/0.0040	0.0985	2.3228/2.3236	0.7280
		MB-692A MB-693A(F)		2.1236/2.1244	0.0014/0.0040	0.0985	2.3228/2.3236	0.9815
NOTE: Undersize Sets Contain .10mm Oversize Length Flanged Bearing, Will Also Service Engines Equipped With Thrust Washers								
Thrust Washer Set		TW-704S	STD	2.3300			2.8800	0.0790
		MB692WL MB692WU		2.3300			2.8800	0.0790
For Years: 1974 - 1983								
Camshaft Bearing Set 1 2	B-1	SH-1209S	STD	1.6913/1.6919 1.6519/1.6525	0.0011/0.0039 0.0011/0.0033	0.0590	1.8110/1.8120 1.7716/1.7726	0.5900 0.5900
3	1.5L 1457 CC SOHC 8V L4 VW EH, FX (1978-1980)						3.130"/79.5mm x 2.890"/73.4mm	3
	Connecting Rod Bearing Pair (4)	AL-5	CB-1017A	STD, .25mm, .50mm, .75mm	1.8087/1.8094	0.0016/0.0040	0.0593	
Connecting Rod Bearing Pair (4)	TM-77	CB-1017P	STD	1.8094	0.0016/0.0040	0.0593	1.9291/1.9298	0.7480
Connecting Rod Bearing Set	AL-5	CB-1017A(4)	STD, .25mm, .50mm, .75mm	1.8087/1.8094	0.0016/0.0040	0.0593	1.9291/1.9298	0.7480
Thrust Washer Set		TW-704S	STD	2.3300			2.8800	0.0790
		MB692WL MB692WU		2.3300			2.8800	0.0790
Camshaft Bearing Set 1 2	B-1	SH-1209S	STD	1.6913/1.6919 1.6519/1.6525	0.0011/0.0039 0.0011/0.0033	0.0590	1.8110/1.8120 1.7716/1.7726	0.5900 0.5900



VW

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
4	1.6L 1588 CC 97 CID SOHC 8V L4 VW IV VIN Code: 'F' (1992)			2.960"/75.2mm x 3.540"/90.0mm				4
	1.6L 1588 CC 97 CID SOHC 8V L4 VW ME VIN Code: 'H' (1985-1988)			3.130"/76.5mm x 3.150"/80.0mm				
	1.6L 1588 CC 97 CID SOHC 8V L4 VW MF VIN Code: 'H' (1985-1986, 1989-1991)			3.130"/76.5mm x 3.150"/80.0mm				
	1.6L 1588 CC 97 CID SOHC 8V L4 VW MD, ME VIN Codes: 'G' (1985-1987, 1989-1991), 'H' (1985)			3.130"/79.5mm x 3.150"/80.0mm				
	1.8L 1780 CC SOHC 8V L4 VW JH, JN, PG, UM VIN Codes: 'A' (1987), 'B' (1990-1992), 'C' (1983-1987)			3.190"/81.0mm x 3.400"/86.4mm				
	1.8L 1781 CC SOHC 8V L4 VW PG VIN Code: 'C' (1991-1992)			3.190"/81.0mm x 3.400"/86.4mm				
	1.8L 1780 CC DOHC 16V L4 VW PL VIN Codes: 'B' (1986-1987), 'C' (1986-1989)			3.190"/81.0mm x 3.400"/86.4mm				
	2.0L 1984 CC 121 CID SOHC 8V L4 VW ABA, AEG, AVH, AZG VIN Codes: 'A' (1993-1999), 'B' (1998), 'C' (1993-1996, 1999), 'R' (1993)			3.250"/82.5mm x 3.650"/92.8mm				
	2.0L 1984 CC 121 CID OHV 8V L4 VW (1999)			3.250"/82.5mm x 3.650"/92.8mm				
	2.0L 1984 CC 121 CID DOHC 16V L4 VW 9A VIN Codes: 'B' (1990-1993), 'C' (1991-1993), 'E' (1990-1992), 'J' (1990-1992)			3.250"/82.5mm x 3.650"/92.8mm				
Connecting Rod Bearing Pair (4)	AL-5	CB-1426A	STD,	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
Connecting Rod Bearing Pair (4)	TM-77	CB-1426P	STD,.25mm,.50mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
Connecting Rod Bearing Set	AL-5	CB-1426A(4)	STD,.100mm,.25mm,.50mm,.75mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
5	1.6L 1588 CC 97 CID SOHC 8V L4 VW CS VIN Code: 'G' (1982-1984)			3.130"/76.5mm x 3.150"/80.0mm				5
	1.6L 1588 CC 97 CID SOHC 8V L4 VW CR, CY, JK VIN Codes: 'G' (1981-1983), 'H' (1982-1984)			3.130"/79.5mm x 3.150"/80.0mm				
Connecting Rod Bearing Pair (4)	AL-5	CB-1426A	STD,	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
Connecting Rod Bearing Pair (4)	TM-77	CB-1426P	STD,.25mm,.50mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
Connecting Rod Bearing Set	AL-5	CB-1426A(4)	STD,.100mm,.25mm,.50mm,.75mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
Main Bearing Set 1-2-4-5	AL-5	MS-1157A	STD,10,20,30,40	2.1236/2.1244	0.0014/0.0040	0.0985	2.3228/2.3236	0.7280
3		MB-692A MB-693A(F)		2.1236/2.1244	0.0014/0.0040	0.0985	2.3228/2.3236	0.9815
NOTE: Undersize Sets Contain .10mm Oversize Length Flanged Bearing,Will Also Service Engines Equipped With Thrust Washers								
Thrust Washer Set		TW-704S	STD					
		MB692WL		2.3300			2.8800	0.0790
		MB692WU		2.3300			2.8800	0.0790
For Years: 1982 - 1984								
6	1.6L 1584 CC 97 CID OHV 8V H4 VW AD, AE, AF, AJ, AS, T (1966-1980)			3.370"/85.5mm x 2.720"/69.0mm				6
Connecting Rod Bearing Pair (4)	AL-5	CB-780A	STD,.25mm,.50mm,.75mm,1.00mm	2.1640/2.1650	0.0010/0.0035	0.0550	2.2755/2.2760	0.6930



VW

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
6 (cont.)	1.6L 1584 CC 97 CID OHV 8V H4 VW AD, AE, AF, AJ, AS, T (1966-1980)			3.370"/85.5mm x 2.720"/69.0mm				6 (cont.)
Connecting Rod Bearing Set	AL-5	CB-780A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	2.1640/2.1650	0.0010/0.0035	0.0550	2.2755/2.2760	0.6930
Main Bearing Set	AL-1	MS-822A	STD, 10,20,30,40					
1		MB-2391A(F)		2.1642/2.1650	0.0015/0.0038	0.1963	2.5591/2.5598	1.0610
2		MB-2392P		2.1642/2.1650	0.0005/0.0028	0.1982	2.5591/2.5598	0.8660
3		MB-2393A		2.1642/2.1650	0.0011/0.0036	0.1965	2.5591/2.5598	0.8660
4		MB-2394A		1.5742/1.5748	0.0013/0.0033	0.1962	1.9685/1.9691	0.5910
Main Bearing Set	AL-5	MS-943A	STD, 10,20,30,40					
1		MB-64A		2.1642/2.1650	0.0015/0.0038		2.5787/2.5795	1.0605
2		MB-66A		2.1642/2.1650	0.0011/0.0036		2.5787/2.5795	0.8660
3		MB-67A		1.5742/1.5748	0.0013/0.0033		1.9882/1.9888	0.5910
4		MB-65P		2.1642/2.1649	0.0005/0.0028	0.2080	2.5787/2.5794	0.8660
NOTE: .020in Oversized Housing Bore, .040in Oversized Length Flange								
Main Bearing Set		MS-1053A	STD, 10,20,30,40					
1		MB-596A		2.1642/2.1650	0.0015/0.0038		2.5984/2.5992	1.0605
2		MB-597P		2.1642/2.1649	0.0005/0.0028		2.5984/2.5991	0.8660
3		MB-598A		2.1542/2.1650	0.0011/0.0036		2.5984/2.5992	0.8660
4		MB-599A		1.5742/1.5748	0.0013/0.0033		2.0078/2.0085	0.5910
NOTE: .040in Oversized Housing Bore, .040in Oversized Length Flange								
Main Bearing Set	AL-5	MS-1157A	STD, 10,20,30,40					
1-2-4-5		MB-692A		2.1236/2.1244	0.0014/0.0040	0.0985	2.3228/2.3236	0.7280
3		MB-693A(F)		2.1236/2.1244	0.0014/0.0040	0.0985	2.3228/2.3236	0.9815
For Years: 1973 - 1980								
NOTE: Undersize Sets Contain .10mm Oversize Length Flanged Bearing, Will Also Service Engines Equipped With Thrust Washers								
Main Bearing Set		MS-1416A	STD, 10,20,30,40					
1		MB-2719A		2.1642/2.1650	0.0015/0.0038		2.6182/2.6189	1.0605
2		MB-2720P		2.1642/2.1650	0.0005/0.0028	0.2276	2.6187/2.6198	0.8660
3		MB-2721A		2.1642/2.1650	0.0011/0.0036		2.6182/2.6189	0.8660
4		MB-2722A		1.5742/1.5748	0.0013/0.0033		2.0275/2.0285	0.5910
NOTE: .060in Oversized Housing								
Main Bearing Set		MS-1417A	STD, 10,20,30,40					
1		MB-2723A		2.1642/2.1650	0.0015/0.0038		2.6378/2.6385	1.0605
2		MB-2724P		2.1642/2.1650	0.0005/0.0028	0.2374	2.6378/2.6385	0.8660
3		MB-2725A		2.1642/2.1650	0.0011/0.0036		2.6378/2.6385	0.8660
4		MB-2726A		1.5742/1.5748	0.0013/0.0033		2.0472/2.0478	0.5910
NOTE: .080in Oversized Housing								
Camshaft Bearing Set	B-1	SH-735S	STD					
Piston Pin Bushing	C-1	223-3732	STD			0.0900	0.9437/0.9449	0.9213
NOTE: OE Replacement								
7	1.6L 1584 CC 97 CID OHV 8V H4 VW AG, AK, X (1972-1974)			3.370"/85.5mm x 2.720"/69.0mm				7
Connecting Rod Bearing Pair (4)	AL-5	CB-780A	STD, .25mm, .50mm, .75mm, 1.00mm	2.1640/2.1650	0.0010/0.0035	0.0550	2.2755/2.2760	0.6930
Connecting Rod Bearing Set	AL-5	CB-780A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	2.1640/2.1650	0.0010/0.0035	0.0550	2.2755/2.2760	0.6930



VW

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
7 (cont.)	1.6L 1584 CC 97 CID OHV 8V H4 VW AG, AK, X (1972-1974)			3.370"/85.5mm x 2.720"/69.0mm				7 (cont.)
Main Bearing Set 1-2-4-5 3	AL-5	MS-1157A MB-692A MB-693A(F)	STD,10,20,30,40	2.1236/2.1244 2.1236/2.1244	0.0014/0.0040 0.0014/0.0040	0.0985 0.0985	2.3228/2.3236 2.3228/2.3236	0.7280 0.9815
For Years: 1973 - 1974								
NOTE: Undersize Sets Contain .10mm Oversize Length Flanged Bearing, Will Also Service Engines Equipped With Thrust Washers								
Camshaft Bearing Set	B-1	SH-735S	STD					
8	1.6L 1584 CC 97 CID OHV 8V H4 VW AH, P (1966-1974)			3.370"/85.5mm x 2.720"/69.0mm				8
Connecting Rod Bearing Pair (4)	AL-5	CB-780A	STD, .25mm, .50mm, .75mm, 1.00mm	2.1640/2.1650	0.0010/0.0035	0.0550	2.2755/2.2760	0.6930
Connecting Rod Bearing Set	AL-5	CB-780A(4)	STD, .25mm, .50mm, .75mm, 1.00mm	2.1640/2.1650	0.0010/0.0035	0.0550	2.2755/2.2760	0.6930
Main Bearing Set 1 2 3 4	AL-1	MS-822A MB-2391A(F) MB-2392P MB-2393A MB-2394A	STD,10,20,30,40	2.1642/2.1650 2.1642/2.1650 2.1642/2.1650 1.5742/1.5748	0.0015/0.0038 0.0005/0.0028 0.0011/0.0036 0.0013/0.0033	0.1963 0.1982 0.1965 0.1962	2.5591/2.5598 2.5591/2.5598 2.5591/2.5598 1.9685/1.9691	1.0610 0.8660 0.8660 0.5910
For Years: 1966 - 1972								
NOTE: .020in Oversized Housing Bore, .040in Oversized Length Flange								
Main Bearing Set 1 2 3 4	AL-5	MS-943A MB-64A MB-66A MB-67A MB-65P	STD,10,20,30,40	2.1642/2.1650 2.1642/2.1650 1.5742/1.5748 2.1642/2.1649	0.0015/0.0038 0.0011/0.0036 0.0013/0.0033 0.0005/0.0028	0.2080	2.5787/2.5795 2.5787/2.5795 1.9882/1.9888 2.5787/2.5794	1.0605 0.8660 0.5910 0.8660
For Years: 1966 - 1972								
NOTE: .040in Oversized Housing Bore, .040in Oversized Length Flange								
Main Bearing Set 1 2 3 4		MS-1053A MB-596A MB-597P MB-598A MB-599A	STD,10,20,30,40	2.1642/2.1650 2.1642/2.1649 2.1542/2.1650 1.5742/1.5748	0.0015/0.0038 0.0005/0.0028 0.0011/0.0036 0.0013/0.0033		2.5984/2.5992 2.5984/2.5991 2.5984/2.5992 2.0078/2.0085	1.0605 0.8660 0.8660 0.5910
For Years: 1966 - 1972								
NOTE: .040in Oversized Housing Bore, .040in Oversized Length Flange								
Main Bearing Set 1-2-4-5 3	AL-5	MS-1157A MB-692A MB-693A(F)	STD,10,20,30,40	2.1236/2.1244 2.1236/2.1244	0.0014/0.0040 0.0014/0.0040	0.0985 0.0985	2.3228/2.3236 2.3228/2.3236	0.7280 0.9815
For Years: 1973 - 1974								
NOTE: Undersize Sets Contain .10mm Oversize Length Flanged Bearing, Will Also Service Engines Equipped With Thrust Washers								
Main Bearing Set 1 2 3 4		MS-1416A MB-2719A MB-2720P MB-2721A MB-2722A	STD,10,20,30,40	2.1642/2.1650 2.1642/2.1650 2.1642/2.1650 1.5742/1.5748	0.0015/0.0038 0.0005/0.0028 0.0011/0.0036 0.0013/0.0033	0.2276	2.6182/2.6189 2.6187/2.6198 2.6182/2.6189 2.0275/2.0285	1.0605 0.8660 0.8660 0.5910
For Years: 1966 - 1972								
NOTE: .060in Oversized Housing								



VW

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
8 (cont.)	1.6L 1584 CC 97 CID OHV 8V H4 VW AH, P (1966-1974)			3.370"/85.5mm x 2.720"/69.0mm				8 (cont.)
Main Bearing Set		MS-1417A	STD,10,20,30,40					
1		MB-2723A		2.1642/2.1650	0.0015/0.0038		2.6378/2.6385	1.0605
2		MB-2724P		2.1642/2.1650	0.0005/0.0028	0.2374	2.6378/2.6385	0.8660
3		MB-2725A		2.1642/2.1650	0.0011/0.0036		2.6378/2.6385	0.8660
4		MB-2726A		1.5742/1.5748	0.0013/0.0033		2.0472/2.0478	0.5910
For Years: 1966 - 1972								
NOTE: .080in Oversized Housing								
Camshaft Bearing Set	B-1	SH-735S	STD					
9	1.6L 1584 CC 97 CID OHV 8V H4 VW AL, AM (1973-1974)			3.370"/85.5mm x 2.720"/69.0mm				9
Connecting Rod Bearing Pair (4)	AL-5	CB-780A	STD,.25mm,.50mm,.75mm,1.00mm	2.1640/2.1650	0.0010/0.0035	0.0550	2.2755/2.2760	0.6930
Connecting Rod Bearing Set	AL-5	CB-780A(4)	STD,.25mm,.50mm,.75mm,1.00mm	2.1640/2.1650	0.0010/0.0035	0.0550	2.2755/2.2760	0.6930
Main Bearing Set	AL-5	MS-1157A	STD,10,20,30,40					
1-2-4-5		MB-692A		2.1236/2.1244	0.0014/0.0040	0.0985	2.3228/2.3236	0.7280
3		MB-693A(F)		2.1236/2.1244	0.0014/0.0040	0.0985	2.3228/2.3236	0.9815
NOTE: Undersize Sets Contain .10mm Oversize Length Flanged Bearing,Will Also Service Engines Equipped With Thrust Washers								
10	1.6L 1584 CC 97 CID OHV 8V H4 VW B, C (1968-1970)			3.370"/85.5mm x 2.720"/69.0mm				10
Connecting Rod Bearing Pair (4)	AL-5	CB-780A	STD,.25mm,.50mm,.75mm,1.00mm	2.1640/2.1650	0.0010/0.0035	0.0550	2.2755/2.2760	0.6930
Connecting Rod Bearing Set	AL-5	CB-780A(4)	STD,.25mm,.50mm,.75mm,1.00mm	2.1640/2.1650	0.0010/0.0035	0.0550	2.2755/2.2760	0.6930
Camshaft Bearing Set	B-1	SH-735S	STD					
11	1.7L 1715 CC SOHC 8V L4 VW JF VIN Code: 'A' (1983-1984)			3.130"/79.5mm x 3.400"/86.4mm				11
Connecting Rod Bearing Pair (4)	AL-5	CB-1017A	STD,.25mm,.50mm,.75mm	1.8087/1.8094	0.0016/0.0040	0.0593	1.9291/1.9298	0.7480
Connecting Rod Bearing Pair (4)	TM-77	CB-1017P	STD	1.8094	0.0016/0.0040	0.0593	1.9291/1.9298	0.7480
Connecting Rod Bearing Set	AL-5	CB-1017A(4)	STD,.25mm,.50mm,.75mm	1.8087/1.8094	0.0016/0.0040	0.0593	1.9291/1.9298	0.7480
Main Bearing Set	AL-5	MS-1157A	STD,10,20,30,40					
1-2-4-5		MB-692A		2.1236/2.1244	0.0014/0.0040	0.0985	2.3228/2.3236	0.7280
3		MB-693A(F)		2.1236/2.1244	0.0014/0.0040	0.0985	2.3228/2.3236	0.9815
NOTE: Undersize Sets Contain .10mm Oversize Length Flanged Bearing,Will Also Service Engines Equipped With Thrust Washers								
Camshaft Bearing Set	B-1	SH-1209S	STD					
1		SH-1209		1.6913/1.6919	0.0011/0.0039	0.0590	1.8110/1.8120	0.5900
2		SH-1210		1.6519/1.6525	0.0011/0.0033	0.0590	1.7716/1.7726	0.5900



VW

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL (cont.)								
12	1.8L 1781 CC SOHC 8V L4 VW JH VIN Code: 'A' (1984-1989)			3.189"/81.0mm x 3.400"/86.4mm				12
	2.0L 1984 CC DOHC 16V L4 VW 9A VIN Code: 'C' (1990-1993)			3.248"/82.5mm x 3.650"/92.8mm				
Connecting Rod Bearing Pair (4)	TM-77	CB-1426P-.25mm	.50mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
13	1.8L 1780 CC SOHC 8V L4 VW 2H, ABG, GX, JH, PF, RD, RV VIN Codes: 'A' (1984-1989), 'B' (1991-1993), 'C' (1991-1993), 'K' (1990-1992)			3.190"/81.0mm x 3.400"/86.4mm				13
	Connecting Rod Bearing Pair (4)	AL-5	CB-1426A	STD,	1.8802/1.8810	0.0009/0.0032	0.0553	
Connecting Rod Bearing Pair (4)	TM-77	CB-1426P	STD,.25mm,.50mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
Connecting Rod Bearing Set	AL-5	CB-1426A(4)	STD,.100mm,.25mm,.50mm,.75mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
Main Bearing Set 1-2-3-5 4	AL-3	MS-2227A	STD,.25mm,.50mm,.75mm					
		MB-3792AL MB-3793AL		2.1243/2.1251 2.1243/2.1251	0.0007/0.0030 0.0008/0.0032	0.0985 0.7283	2.3228/2.3236 2.3228/2.3236	0.7283 0.7283
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-704S								
14	1.8L 1781 CC SOHC 8V L4 VW HT VIN Code: 'B' (1985-1986)			3.190"/81.0mm x 3.400"/86.4mm				14
	1.8L 1781 CC DOHC 20V L4 VW ATW, AWM, AWP (2000-2006)			3.190"/81.0mm x 3.400"/86.4mm				
Main Bearing Set 1-2-3-5 4	AL-3	MS-2227A	STD,.25mm,.50mm,.75mm					
		MB-3792AL MB-3793AL		2.1243/2.1251 2.1243/2.1251	0.0007/0.0030 0.0008/0.0032	0.0985 0.7283	2.3228/2.3236 2.3228/2.3236	0.7283 0.7283
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-704S								
15	1.9L 1915 CC OHV 8V H4 VW DH VIN Code: 'B' (1983-1985)			3.700"/94.0mm x 2.720"/69.0mm				15
	2.1L 2109 CC OHV 8V H4 VW MV VIN Code: 'B' (1986-1991)			3.700"/94.0mm x 2.990"/75.9mm				
Connecting Rod Bearing Pair (4)	AL-5	CB-780A	STD,.25mm,.50mm,.75mm,1.00mm	2.1640/2.1650	0.0010/0.0035	0.0550	2.2755/2.2760	0.6930
Connecting Rod Bearing Set	AL-5	CB-780A(4)	STD,.25mm,.50mm,.75mm,1.00mm	2.1640/2.1650	0.0010/0.0035	0.0550	2.2755/2.2760	0.6930
16	1.9L 1896 CC 116 CID SOHC 8V L4 VW 1Z VIN Code: 'G' (1996-1997)			3.130"/79.5mm x 3.760"/95.5mm				16
	1.9L 1896 CC 116 CID SOHC 8V L4 VW AAZ, AHU, ALH VIN Codes: 'F' (1998), 'G' (1997)			3.130"/79.5mm x 3.760"/95.5mm				
Connecting Rod Bearing Pair (4)	TM-1	CB-1822P	STD,.25mm,.50mm	1.8802/1.8810	0.0008/0.0029	0.0554	1.9921/1.9929	0.7874
Connecting Rod Bearing Set	TM-1	CB-1822P(4)	STD,.25mm,.50mm	1.8802/1.8810	0.0008/0.0029	0.0554	1.9921/1.9929	0.7874



VW

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				4 CYL (cont.)				
16 (cont.)	1.9L 1896 CC 116 CID SOHC 8V L4 VW 1Z VIN Code: 'G' (1996-1997)			3.130"/79.5mm x 3.760"/95.5mm				16 (cont.)
	1.9L 1896 CC 116 CID SOHC 8V L4 VW AAZ, AHU, ALH VIN Codes: 'F' (1998), 'G' (1997)			3.130"/79.5mm x 3.760"/95.5mm				
Main Bearing Set	AL-3	MS-2227A	STD, .25mm, .50mm, .75mm					
1-2-3-5		MB-3792AL		2.1243/2.1251	0.0007/0.0030	0.0985	2.3228/2.3236	0.7283
4		MB-3793AL		2.1243/2.1251	0.0008/0.0032	0.7283	2.3228/2.3236	0.7283
For Years: 1996 - 2001								
NOTE: Requires Thrust Washer Set, Not Included, Use With Part Number TW-704S								
17	1.9L 1896 CC 116 CID SOHC 8V L4 VW AHU, ALH, BEW (1999-2006)			3.130"/79.5mm x 3.760"/95.5mm				17
Connecting Rod Bearing Pair (4)	TM-1	CB-1822P	STD, .25mm, .50mm	1.8802/1.8810	0.0008/0.0029	0.0554	1.9921/1.9929	0.7874
Connecting Rod Bearing Set	TM-1	CB-1822P(4)	STD, .25mm, .50mm	1.8802/1.8810	0.0008/0.0029	0.0554	1.9921/1.9929	0.7874
18	1.9L 1896 CC 116 CID SOHC 8V L4 VW ALH (1998-2014)			3.130"/79.5mm x 3.760"/95.5mm				18
Connecting Rod Bearing Pair (4)	TM-1	CB-1822P-.25mm	.50mm	1.8802/1.8810	0.0008/0.0029	0.0554	1.9921/1.9929	0.7874
				5 CYL				
19	2.1L 2144 CC SOHC 10V L5 VW WE VIN Code: 'B' (1983)			3.130"/79.5mm x 3.400"/86.4mm				19
Main Bearing Set	AL-5	MS-1434A	STD, .25mm, .50mm					
1-2-3-4-5-6		MB2661AL		2.2818/2.2826	0.0012/0.0032	0.0985	2.4803/2.4810	0.7280
1-2-3-4-5-6		MB2661AU		2.2818/2.2826	0.0012/0.0032	0.0985	2.4803/2.4810	0.7280
NOTE: Will Also Service Engines With Thrust Washers, Requires Thrust Washer Set, Not Included, Use With Part Number TW-714s								
Thrust Washer Set		TW-714S	STD	2.5200		0.0780	3.0300	
20	2.2L 2226 CC SOHC 10V L5 VW JT VIN Code: 'B' (1986)			3.190"/81.0mm x 3.400"/85.4mm				20
	2.2L 2226 CC SOHC 10V L5 VW KX VIN Codes: 'B' (1985-1988), 'E' (1985-1986)			3.250"/82.5mm x 3.400"/86.4mm				
Connecting Rod Bearing Pair (5)	AL-5	CB-1426A	STD,	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
Connecting Rod Bearing Pair (5)	TM-77	CB-1426P	STD, .25mm, .50mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
Connecting Rod Bearing Set	AL-5	CB-1426A(5)	STD, .25mm, .50mm, 1.00mm	1.8802/1.8810	0.0009/0.0032	0.0553	1.9921/1.9929	0.7480
Main Bearing Set	AL-5	MS-1434A	STD, .25mm, .50mm					
1-2-3-4-5-6		MB2661AL		2.2818/2.2826	0.0012/0.0032	0.0985	2.4803/2.4810	0.7280
1-2-3-4-5-6		MB2661AU		2.2818/2.2826	0.0012/0.0032	0.0985	2.4803/2.4810	0.7280
For Years: 1986 - 1988								
NOTE: Will Also Service Engines With Thrust Washers, Requires Thrust Washer Set, Not Included, Use With Part Number TW-714s								
Thrust Washer Set		TW-714S	STD	2.5200		0.0780	3.0300	
For Years: 1986 - 1988								



VW

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
6 CYL								
21	2.8L 2792 CC SOHC 12V V6 VW AAA, AES, AFP; VR6 VIN Codes: 'D' (1992-1993, 1995-1998), 'E' (1992-1997), 'F' (1993-1994), 'H' (1997)			3.190"/81.0mm x 3.560"/90.3mm				21
	2.8L 2792 CC DOHC 24V V6 VW AXK, BDF; VR6 (2001-2005)			3.190"/81.0mm x 3.560"/90.3mm				
Connecting Rod Bearing Pair (6)	AL-5	CB-1824A	STD,.25mm	2.1243/2.1251	0.0009/0.0031	0.0551	2.2362/2.2370	0.6650
Connecting Rod Bearing Set	AL-5	CB-1824A(6)	STD,.25mm	2.1243/2.1251	0.0009/0.0031	0.0551	2.2362/2.2370	0.6650
Thrust Washer Set		TW-614S MB-3798W	STD	2.5768				
22	2.8L 2792 CC SOHC 12V V6 VW AAA; VR6 (1999)			3.190"/81.0mm x 3.560"/90.3mm				22
Thrust Washer Set		TW-614S MB-3798W	STD	2.5768				
23	2.8L 2771 CC DOHC 30V V6 VW AHA; VR6 VIN Codes: 'A' (1999), 'D' (1998-1999)			3.190"/81.0mm x 3.560"/90.3mm				23
Connecting Rod Bearing Pair (6)	TM-1	CB-1823P	STD	2.1251	0.0027	0.0711	2.2682	0.6693
Thrust Washer Set		TW-613S	STD	2.7756			3.3425	0.0774
24	3.8L 3778 CC 231 CID SOHC 12V V6 VW (2009-2010)			3.780"/96.0mm x 3.430"/87.0mm				24
Connecting Rod Bearing Pair (6)	AL-5	CB-1410A	STD,.25mm,.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
Connecting Rod Bearing Pair (6)	AL-5	CB-1887A-.25mm	.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0594	2.4033/2.4038	0.6510
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1410A(6)	STD,.25mm,.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
Connecting Rod Bearing Set	AL-5	CB-1887A-.25mm(6)	.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0594	2.4033/2.4038	0.6510
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Camshaft Bearing Set	B-1	SH-1405S	STD					
1		SH-1405		1.9970/1.9990	0.0010/0.0040	0.0645	2.1295/2.1305	0.9400
2		SH-1406		1.9800/1.9820	0.0010/0.0040	0.0648	2.1135/2.1145	0.6200
3		SH-1407		1.9650/1.9670	0.0010/0.0040	0.0658	2.0985/2.0995	0.6200
4		SH-1408		1.9500/1.9520	0.0010/0.0040	0.0648	2.0825/2.0835	0.6200
25	3.8L 3778 CC 231 CID OHV 12V V6 CHRYSLER CGUA VIN Code: '1' (2009-2010)			3.780"/96.0mm x 3.430"/87.0mm				25
Connecting Rod Bearing Pair (6)	AL-5	CB-1410A	STD,.25mm,.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510
Connecting Rod Bearing Pair (6)	AL-5	CB-1887A-.25mm	.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0594	2.4033/2.4038	0.6510
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Connecting Rod Bearing Set	AL-5	CB-1410A(6)	STD,.25mm,.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0584	2.4013/2.4018	0.6510



VW

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
				6 CYL (cont.)				
25 (cont.)	3.8L 3778 CC 231 CID OHV 12V V6 CHRYSLER CGUA VIN Code: '1' (2009-2010)			3.780"/96.0mm x 3.430"/87.0mm				25 (cont.)
Connecting Rod Bearing Set	AL-5	CB-1887A-.25mm(6)	.50mm,.75mm	2.2830/2.2840	0.0005/0.0022	0.0594	2.4033/2.4038	0.6510
NOTE: Connecting Rods With Housing Bore Resized .002in Larger Than Stock								
Main Bearing Set	AL-5	MS-1946A	STD,.25mm,.50mm,.75mm					
1-3-4		MB-3340A		2.5190/2.5200	0.0005/0.0020	0.0781	2.6769/2.6777	0.6940
2		MB-3107A(F)		2.5190/2.5200	0.0005/0.0020	0.0781	2.6769/2.6777	0.9400
Main Bearing Set	TM-77	MS-1946P	STD,.25mm					
1-3-4		MB-3340P		2.5192/2.5202	0.0005/0.0020	0.0781	2.6769/2.6777	0.6940
2		MB-3107P(F)		2.5192/2.5202	0.0005/0.0020	0.0781	2.6769/2.6777	0.9400
Camshaft Bearing Set	B-1	SH-1405S	STD					
1		SH-1405		1.9970/1.9990	0.0010/0.0040	0.0645	2.1295/2.1305	0.9400
2		SH-1406		1.9800/1.9820	0.0010/0.0040	0.0648	2.1135/2.1145	0.6200
3		SH-1407		1.9650/1.9670	0.0010/0.0040	0.0658	2.0985/2.0995	0.6200
4		SH-1408		1.9500/1.9520	0.0010/0.0040	0.0648	2.0825/2.0835	0.6200
26	4.0L 3952 CC 241 CID SOHC 24V V6 CHRYSLER CGVA VIN Code: 'X' (2009-2010)			3.780"/96.0mm x 3.580"/91.0mm				26
Connecting Rod Bearing Pair (6)	AL-5	CB-1881A	STD,.25mm,.50mm,.75mm	2.2828/2.2835	0.0004/0.0022	0.0587	2.4013/2.4018	0.6850
Connecting Rod Bearing Set	AL-5	CB-1881A(6)	STD,.25mm,.50mm,.75mm	2.2828/2.2835	0.0004/0.0022	0.0587	2.4013/2.4018	0.6850

YUGO

ENGINE	YEAR	BORE & STROKE	BLOCK
1.1L 1116 CC SOHC 8V L4 FIAT 128A	1986-1989	3.150"/80.0mm x 2.190"/55.5mm	1
1.3L 1301 CC SOHC 8V L4 FIAT	1987-1992	3.390"/86.0mm x 2.190"/55.5mm	1

MODEL	ENGINE	YEAR	BLOCK
Cabrio	1.3L 1301 CC SOHC 8V L4 FIAT	1990-1992	1
GV	1.1L 1116 CC SOHC 8V L4 FIAT	1986-1989	1
GV	1.3L 1301 CC SOHC 8V L4 FIAT	1990-1992	1
GVL	1.1L 1116 CC SOHC 8V L4 FIAT	1988-1989	1
GVS	1.1L 1116 CC SOHC 8V L4 FIAT	1988	1
GVX	1.3L 1301 CC SOHC 8V L4 FIAT	1987-1989	1



YUGO

COUNTER DATA				SHOP DATA				
BEARING OR POSITION	BEARING MATERIAL	PART NUMBER	AVAILABLE UNDERSIZES	STD SHAFT DIAMETER	VERT OIL CLEARANCE	MAX WALL	BRG O.D. OR HOUSING BORE	MAX LENGTH
4 CYL								
1	1.1L 1116 CC SOHC 8V L4 FIAT 128A VIN Code: '2' (1987-1989)						3.150"/80.0mm x 2.190"/55.5mm	1
	1.3L 1301 CC SOHC 8V L4 FIAT VIN Codes: '5' (1987-1989), '6' (1990-1992)						3.390"/86.0mm x 2.190"/55.5mm	
Connecting Rod Bearing Pair (4)	AL-5	CB-1332A	STD,10	1.7916/1.7924	0.0012/0.0033	0.0607	1.9145/1.9152	0.7560



NUMERICAL LISTING OF CONNECTING ROD BEARING SETS

MAHLE

PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
CB-1005A(4)	STD,.25mm,.50mm,.75mm,1.00mm	CB-1385A(6)	STD,.25mm,.50mm,.75mm	CB-1625A(6)	STD,.25mm,.50mm,.75mm
RENAULT: 1		FORD: 52; MAZDA: 36		TOYOTA: 45	
CB-1017A(4)	STD,.25mm,.50mm,.75mm	CB-1401A(3)	STD,.25mm,.50mm	CB-1625P(6)	STD,.25mm,.50mm
AUDI: 1; CHRYSLER: 7; VW: 2, 3, 11		GMC: 1		TOYOTA: 45	
CB-1017A(5)	STD,.25mm,.50mm,.75mm	CB-1401A(4)	STD,.25mm,.50mm	CB-1629A(4)	STD,.25mm,.50mm
AUDI: 7, 8		GMC: 3; SUZUKI: 2, 3		INFINITI: 1, 2; NISSAN: 23, 24	
CB-1110A(4)	STD,.25mm,.50mm,.75mm	CB-1407A-.25mm(4)		CB-1634A-.25mm(10)	.50mm,.75mm
FORD: 13, 23; PEUGEOT: 2		TOYOTA: 24		FORD: 164, 165	
CB-1120A(4)	STD,.25mm,.50mm,.75mm	CB-1408A(4)	STD,.25mm,.50mm,.75mm	CB-1634A-.25mm(8)	.50mm,.75mm
CHRYSLER: 4, 5, 6, 8, 10, 13, 15, 19; DODGE: 4, 5, 7, 10, 11; HYUNDAI: 6, 8; MITSUBISHI: 3, 4, 5, 6, 7, 9		GMC: 15, 19, 21		FORD: 99, 100, 101, 102, 103, 104, 105, 106, 108, 115, 116, 122, 123	
CB-1202A(4)	STD,10	CB-1410A(6)	STD,.25mm,.50mm,.75mm	CB-1635A-.25mm(4)	.50mm,.75mm
RENAULT: 2		CHRYSLER: 46, 56, 57; JEEP: 16; VW: 24, 25		MITSUBISHI: 17	
CB-1214A(6)	STD,10,30,40	CB-1411A(6)	STD,.25mm,.50mm,.75mm	CB-1635A(4)	STD,.25mm,.50mm,.75mm
CHRYSLER: 51, 52, 53, 54, 55; DODGE: 57, 58, 59		CHRYSLER: 32, 33, 37, 38; DODGE: 43; HYUNDAI: 9; MITSUBISHI: 30, 31		CHRYSLER: 17; DODGE: 18; MITSUBISHI: 12, 18	
CB-1218A(4)	STD,.25mm,.50mm,.75mm,1.00mm	CB-1426A(4)	STD,.100mm,.25mm,.50mm,.75mm	CB-1639P(4)	STD
TOYOTA: 18, 23, 28, 31, 32, 33		AUDI: 2, 3, 4, 5; VW: 4, 5, 13		TOYOTA: 27, 30	
CB-1220A(4)	STD,.25mm,.50mm,.75mm,1.00mm	CB-1426A(5)	STD,.25mm,.50mm,1.00mm	CB-1647A(4)	STD,.50mm,.75mm
CHRYSLER: 11, 12, 29; DODGE: 10, 12, 13, 14, 15, 20, 32; FORD: 27, 29; MAZDA: 22; MITSUBISHI: 19, 28, 29		AUDI: 6, 7; VW: 20		GMC: 39, 40	
CB-1223A(4)	STD	CB-1426A(6)	STD,.25mm,.50mm,.75mm,	CB-1652P(4)	STD
HONDA: 8, 9, 10, 12, 20		VOLVO: 2		FORD: 25; MAZDA: 8, 10	
CB-1227P(6)	STD,10,20,40	CB1437P(6)	STD	CB-1654A(4)	STD,.25mm,.50mm,.75mm,1.00mm
CHECKER: 1; GMC: 64, 78		TOYOTA: 44, 46, 47		GMC: 10, 17; ISUZU: 1, 3, 4	
CB-1228A(6)	STD,10,20,30,40	CB1442A(10)	STD,.25mm,.50mm,.75mm	CB-1656A(6)	STD,.25mm,.50mm
GMC: 58, 59, 62, 65, 66, 84, 94		FORD: 164, 165		LEXUS: 11; TOYOTA: 63	
CB-1228P(6)	STD,10,20,30,40	CB-1442A(8)	STD,.25mm,.50mm,.75mm	CB-1667A(6)	STD,.25mm,.50mm,.75mm
GMC: 58, 59, 62, 65, 66, 84, 94		FORD: 99, 100, 101, 102, 103, 104, 105, 106, 108, 115, 116, 122, 123		FORD: 71, 73, 75	
CB-1238A(6)	STD,.25mm,.50mm,.75mm,1.00mm	CB-1443A(6)	STD,10,20,30	CB-1669A(6)	STD,.25mm,.50mm,.75mm
GMC: 55, 56, 57, 67, 68; ISUZU: 13, 14; JEEP: 11		GMC: 65, 81, 82, 83, 85, 86, 87		CHRYSLER: 39, 41, 42, 44; DODGE: 48	
CB-1269A(4)	STD,.25mm,.25mm,.50mm,.50mm,.75mm,.75mm,1.00mm,1.00mm	CB-1451A(4)	STD,.25mm,.50mm,.75mm	CB-1669P(6)	STD,.25mm,.50mm
CHRYSLER: 18, 28; DODGE: 19, 29		GMC: 8		CHRYSLER: 39, 41, 42, 43, 44; DODGE: 48	
CB-1269P(4)	STD,.25mm,.50mm	CB-1453A(4)	STD,.25mm,.50mm,.75mm	CB-1670A(6)	STD,.25mm,.50mm,.75mm
CHRYSLER: 18, 28; DODGE: 19, 29		FORD: 11, 12; KIA MOTORS: 1, 2; MAZDA: 5, 7		CHRYSLER: 34; DODGE: 36, 37	
CB-1279A(4)	STD,.25mm,.50mm,.75mm,1.00mm	CB-1455A(4)	STD,.25mm,.50mm	CB-1772A(6)	STD,.25mm,.50mm,.75mm
FORD: 3; MAZDA: 1, 2, 3		KIA MOTORS: 4; MAZDA: 23		FORD: 42, 55, 90; JAGUAR: 1; MAZDA: 26, 27, 28, 33, 34, 35	
CB-1283A(6)	STD,.25mm,.50mm,.75mm	CB-1461A(4)	STD,.25mm,.50mm	CB-1774A(4)	STD,.25mm,.50mm,.75mm
FORD: 70, 71, 73, 74		ACURA: 2; HONDA: 15, 23		FORD: 18; MAZDA: 9, 10	
CB-1286P(8)	STD,.25mm,.50mm,.75mm	CB-1477A(4)	STD,.25mm,.50mm,.75mm	CB-1776A(6)	STD,10,20,30
AM General: 2; GMC: 174, 179, 181		GMC: 6; SUZUKI: 4		GMC: 103, 104, 105, 106	
CB-1358A(6)	STD,10,20,30,40	CB-1480A(4)	STD,.25mm	CB-1776A(8)	STD,10,20,30,40
GMC: 97, 98, 99, 100, 101, 102; ISUZU: 17, 18		HONDA: 37; ISUZU: 8		AM General: 1; CHECKER: 4, 6, 8, 9, 10; GMC: 113, 114, 120, 121, 126, 127, 128, 130, 131, 133, 134, 135, 136, 139, 140, 149, 155, 156, 157, 158, 159, 160, 167, 168, 169, 170, 177, 178, 187, 189, 190, 191, 193, 195, 198, 199, 206, 207; ISUZU: 20; SAAB: 6, 7	
CB-1361A(4)	STD,.25mm,.50mm	CB-1589A(4)	STD,.25mm,.50mm,.75mm	CB-1778A-10(8)	STD,20,30
GMC: 7; TOYOTA: 3, 4, 9, 10		NISSAN: 27		FORD: 91, 95, 97, 110, 112, 113, 114	
CB-1362A(4)	STD,.25mm,.50mm,.75mm	CB-1590A-.25mm(4)		CB-1779A-10(8)	STD,20,30
FORD: 21, 26; KIA MOTORS: 3; MAZDA: 11, 13		NISSAN: 6, 7, 10, 13		CHECKER: 7; CHRYSLER: 62, 63, 68, 69, 70, 71, 72, 73, 75, 83, 84; DODGE: 78, 83, 86, 97, 98, 99, 100, 102, 103; FARGO: 2	
CB-1380A(4)	STD,.25mm,.50mm,.75mm	CB-1590A-.50mm(4)		CB-1780P(4)	STD
FORD: 14, 16		NISSAN: 6, 7, 10, 13		HONDA: 22, 24, 27, 28, 29; ISUZU: 6	
CB1383A(4)	STD,10,10,20,20,30,30	CB-1590A-.75mm(4)		CB-1781A-.25mm(4)	.50mm
FORD: 30, 32, 37		NISSAN: 6, 7, 10, 13		TOYOTA: 35, 40	
		CB-1591A(6)	STD,.25mm,.50mm,.75mm	CB-1783P(6)	STD,.25mm,.50mm
		FORD: 50; INFINITI: 3, 5		LEXUS: 8; TOYOTA: 51, 52, 53	
		CB-1591P(6)	STD		
		FORD: 50; INFINITI: 3; NISSAN: 38			
		CB-1593A(4)	STD,.25mm,.50mm		
		TOYOTA: 5			



NUMERICAL LISTING OF CONNECTING ROD BEARING SETS



PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
CB-1784P(8)	STD, .25mm, .50mm	CB-1839A-.25mm(4)	.50mm	CB-1883A-10(5)	STD, 20, 30
DODGE: 79, 80; JEEP: 22; MITSUBISHI: 34		FORD: 35; MAZDA: 16, 17		GMC: 51; ISUZU: 12	
CB-1786A(4)	STD, .25mm, .50mm	CB-1840A(4)	STD, .25mm, .50mm	CB-1883A-10(6)	STD, 20, 30
TOYOTA: 17		FORD: 19		GMC: 95; SAAB: 5	
CB-1787A-.25mm(6)	.50mm	CB-1842P(5)	STD, .25mm, .50mm	CB-1887A-.25mm(6)	.50mm, .75mm
CHRYSLER: 34; DODGE: 37		FREIGHTLINER: 1		CHRYSLER: 46, 56; JEEP: 16; VW: 24, 25	
CB-1790A(6)	STD, .25mm, .50mm, .75mm	CB-1845A-.25mm(6)	.50mm, .75mm	CB-1890A(6)	STD, .25mm, .50mm
FORD: 71, 73, 75		FORD: 42, 55; JAGUAR: 1; MAZDA: 33, 34		TOYOTA: 58, 59, 60	
CB-1794A(6)	STD, 10, 20, 30, 40	CB-1851A(6)	STD, .25mm	CB-1894A(8)	STD, .25mm, .50mm
GMC: 97, 98, 99, 100, 101, 102; ISUZU: 17		GMC: 60		INFINITI: 10, 11; NISSAN: 46, 47	
CB-1795A-10(6)	STD, 20, 30	CB-1853A-10(4)	STD, 20, 30	CB-1897A(6)	STD, .25mm, .50mm
FORD: 43, 45, 46, 47, 48, 80, 81, 82; MAZDA: 39, 40; SAAB: 1		GMC: 14, 18, 19, 20, 26, 27, 28, 29, 45; ISUZU: 5		ACURA: 14, 17; HONDA: 41, 43, 44	
CB-1797A(6)	STD, .25mm, .50mm, .75mm	CB-1853A-10(6)	STD, 20, 30	CB-1909A(4)	STD, .25mm, .50mm
GMC: 55, 56, 57, 67, 68; ISUZU: 13, 14; JEEP: 11		GMC: 61, 79, 90, 92, 93		CHRYSLER: 21, 23; DODGE: 8, 17; JEEP: 1, 4, 6; MITSUBISHI: 15, 16, 25, 26	
CB-1799A-10(6)	STD, 20, 30	CB-1853A-10(8)	STD, 20, 30	CB-1910A(4)	STD, .25mm, .50mm
FORD: 76, 77, 78, 85, 87, 88, 89		GMC: 115, 125, 126, 140		FORD: 36; MAZDA: 21	
CB-1803A(8)	STD, 10, 20, 30	CB-1854A(8)	STD, .25mm, .50mm	CB-1911A(6)	STD, .25mm
FORD: 131, 134, 135, 136		DODGE: 79, 80; JEEP: 22; MITSUBISHI: 34		FORD: 62, 64	
CB-1804A-.25mm(8)	.50mm	CB-1855A-.25mm(8)	.50mm	CB-1915P(6)	STD, .25mm, .50mm
DODGE: 79, 80; JEEP: 22; MITSUBISHI: 34		DODGE: 79, 80; JEEP: 22; MITSUBISHI: 34		NISSAN: 45	
CB-1805P(8)	STD, .25mm, .50mm	CB-1857P(6)	STD, .25mm, .50mm	CB-1919A(4)	STD, .25mm, .50mm
GMC: 201, 203, 204		INFINITI: 6; NISSAN: 41		NISSAN: 18, 22	
CB-1806A-10(6)	STD, 20, 30	CB-1858A(4)	STD, .25mm, .50mm	CB-1925A(4)	STD, .25mm, .50mm
GMC: 65, 81, 82, 83, 85, 86, 87		NISSAN: 30, 31, 32		FORD: 24; MAZDA: 15, 17, 18	
CB-1808A(8)	STD, .25mm, .50mm, .75mm	CB-1861P(4)	STD, .25mm, .50mm	CB-1927A(4)	STD, .25mm, .50mm, .75mm
CHRYSLER: 76, 77, 78, 79; DODGE: 89, 90, 91, 92, 93, 94, 109; JEEP: 25, 26		ACURA: 6, 10, 11, 12; HONDA: 26, 33, 34, 35		FORD: 6, 7, 8	
CB-1808P(8)	STD, .25mm, .50mm	CB-1862A(4)	STD, .25mm, .50mm	CB-1928A(4)	STD, .25mm, .50mm
CHRYSLER: 76, 77, 78, 79; DODGE: 89, 90, 91, 92, 93, 94, 109; JEEP: 25, 26		ACURA: 1; HONDA: 3, 13		NISSAN: 16; RENAULT: 3	
CB-1809A-.25mm(8)	.50mm, .75mm	CB-1863A(4)	STD, .25mm, .50mm	CB-1944A(8)	STD, .25mm, .50mm
CHRYSLER: 76, 77, 78, 79; DODGE: 89, 90, 91, 92, 93, 94, 109, 113; JEEP: 25, 26		GMC: 11; TOYOTA: 14		FORD: 145	
CB-1813A(4)	STD, .25mm, .50mm, .75mm	CB-1864A(4)	STD, .25mm, .50mm	CB-1947A(6)	STD, .25mm, .50mm
CHRYSLER: 25; DODGE: 27; JEEP: 7		SCION: 1; TOYOTA: 7, 8		SUZUKI: 6	
CB-1817A-.25mm(4)	.50mm	CB-1874A(6)	STD, .25mm, .50mm, .75mm	CB-1948A(4)	STD, .25mm, .50mm, .75mm
CHRYSLER: 25; DODGE: 27; JEEP: 7		GMC: 69, 70, 71, 72		GMC: 2	
CB-1818A(6)	STD, .25mm, .50mm	CB-1875A-.25mm(6)	.50mm, .75mm	CB-1957A(6)	STD, .25mm
JEEP: 14, 15		GMC: 69, 70, 71, 72		CHRYSLER: 48, 49; DODGE: 53; JEEP: 12	
CB-1819A-.25mm(6)	.50mm	CB-1877A(6)	STD, 10, 20	CB-1975A(4)	STD, .25mm, .50mm
JEEP: 15		GMC: 54; SAAB: 4; SUZUKI: 7		HONDA: 25	
CB-1822P(4)	STD, .25mm, .50mm	CB-1878A-10(4)	STD, 20, 30	CB-1976A(4)	STD, .25mm, .50mm
VW: 16, 17		AMERICAN MOTORS: 2; GMC: 41, 42, 43, 44; JEEP: 10		HONDA: 21	
CB-1824A(6)	STD, .25mm	CB-1878A-10(6)	STD, 20, 30	CB-1977A(6)	STD, .25mm, .50mm
VW: 21		GMC: 63, 76, 77, 80; JEEP: 13		LEXUS: 6, 10; TOYOTA: 56	
CB-1827A(4)	STD, 10, 20, 30	CB-1878A-10(8)	STD, 20, 30	CB-1978A(6)	STD
GMC: 22, 23, 25, 30, 33, 38		GMC: 108, 116, 123, 124, 146, 147, 148, 150; JEEP: 27		ACURA: 13; HONDA: 38	
CB-1828A-10(4)	STD, 20, 30	CB-1879A-10(6)	STD, 20	CB-1979A(4)	STD, .25mm, .50mm
GMC: 22, 25, 30		GMC: 54, 74; SAAB: 4; SUZUKI: 7		HYUNDAI: 4, 5	
CB-1829A(4)	STD, .25mm, .50mm	CB-1881A(6)	STD, .25mm, .50mm, .75mm	CB-1980A(6)	STD
HYUNDAI: 2, 4		CHRYSLER: 42, 44, 59; DODGE: 46, 48, 51; VW: 26		LEXUS: 9, 10; TOYOTA: 55	
CB-1833P(6)	STD, .25mm, .50mm	CB-1882A(4)	STD, 10, 20, 30	CB-1983A(4)	STD, .25mm, .50mm
LEXUS: 7; TOYOTA: 49, 50		GMC: 46; ISUZU: 10		LEXUS: 1; SCION: 2, 3; TOYOTA: 15, 16	
CB-1835A(4)	STD, .25mm, .50mm	CB-1882A(5)	STD, 10, 20, 30	CB-1984A(8)	STD
GMC: 37; LEXUS: 2; SCION: 4; TOYOTA: 34		GMC: 50, 51; ISUZU: 12		LEXUS: 15	
CB-1838A(4)	STD, .25mm, .50mm	CB-1882A(6)	STD, 10, 20, 30	CB-1985A(8)	STD
FORD: 35; MAZDA: 16, 17, 19		GMC: 95; SAAB: 5		LEXUS: 16; TOYOTA: 68	
		CB-1883A-10(4)	STD, 20, 30	CB1986A(8)	STD
		ISUZU: 10		LEXUS: 13; TOYOTA: 64	
				CB-1991A(6)	STD
				LEXUS: 3	



NUMERICAL LISTING OF CONNECTING ROD BEARING SETS

MAHLE

PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
CB-481A(8)	STD,10,20,30	CB-663P(6)	STD,10,40	CB-760P(8)	STD,10,20,30,40
CHECKER: 7; CHRYSLER: 61, 62, 63, 67, 68, 69, 70, 71, 72, 73, 75, 83, 84; DODGE: 78, 81, 83, 86, 97, 98, 99, 100, 101, 102, 103; FARGO: 2		GMC: 103, 104, 105, 106		FORD: 124, 126, 138, 139, 140, 141, 142, 143, 146, 147, 148, 149, 150, 152, 154, 155, 156, 157, 158	
CB-481P(8)	STD,10,20,30,40	CB-663P(8)	STD,60,1,10,20,30,40	CB-780A(4)	STD,.25mm,.50mm,.75mm,1.00mm
CHECKER: 7; CHRYSLER: 61, 62, 63, 67, 68, 69, 70, 71, 72, 73, 75, 83, 84; DODGE: 78, 81, 83, 86, 97, 98, 99, 100, 101, 102, 103; FARGO: 2		AM General: 1; CHECKER: 4, 6, 8, 9, 10; GMC: 113, 114, 120, 121, 126, 127, 128, 130, 131, 133, 134, 135, 136, 139, 140, 149, 155, 156, 157, 158, 159, 160, 167, 168, 169, 170, 177, 178, 187, 189, 190, 191, 193, 195, 198, 199, 206, 207; ISUZU: 20; SAAB: 6, 7		VW: 1, 6, 7, 8, 9, 10, 15	
CB-527P(8)	STD,10,20,30,40	CB-684P(8)	STD,10,20	CB-818A(8)	STD,10,20,30,40
CHRYSLER: 80, 81, 86, 87, 89, 90, 91, 92, 93; DODGE: 95, 104, 106, 107, 110, 111		GMC: 111, 112, 129, 141, 142, 148, 150, 161, 162, 163, 164, 165, 166, 191, 192		FORD: 159, 160, 161	
CB-542P(8)	STD,10,20,30,40	CB-699A(6)	STD,10,20,30,40	CB-818P(8)	STD,10,20,30,40
GMC: 173, 174, 175, 184, 185, 214, 215, 217		FORD: 76, 77, 78, 85, 87, 88, 89		FORD: 159, 160, 161	
CB-583A(4)	STD,10,20,30,40	CB-723A(6)	STD,10,20,30,40	CB-831A(8)	STD,10,20,30
FORD: 29, 30, 31		FORD: 43, 45, 46, 47, 48, 80, 81, 82; MAZDA: 39, 40		FORD: 131, 134, 135, 136	
CB-583A(6)	STD,10,20,30,40	CB-743A(8)	STD,10,20,30,40	CB-831P(8)	STD,10,20,30,40
FORD: 40, 44, 47, 57, 58, 59, 60, 83		GMC: 145, 182, 183, 190, 193, 195, 197, 199, 202, 210, 211, 212, 216		FORD: 131, 134, 135, 136	
CB-583P(6)	STD,10,20,30,40	CB-743P(8)	STD,1,10,20,30,40	CB-927A(8)	STD,10,20,30,40
FORD: 40, 44, 47, 57, 58, 59, 60, 83		GMC: 145, 182, 183, 190, 193, 195, 197, 199, 202, 210, 211, 212, 216		FORD: 127, 129, 132, 133, 137	
CB-606A-10(6)	STD,20,30,40	CB-745A(4)	STD,10,20,30,40	CB-927P(8)	STD,10,20,30,40
CHRYSLER: 35, 36, 52, 54; DODGE: 38, 39, 59, 60, 63		GMC: 14, 18, 19, 20, 27, 28, 29, 45; ISUZU: 5		FORD: 127, 129, 132, 133, 137	
CB-610A(4)	STD,10,20,30,40	CB-745A(6)	STD,10,20,30,40	CB-960A(4)	STD,10,20,30
AMERICAN MOTORS: 2; GMC: 41, 42, 43, 44; JEEP: 10		CHECKER: 2, 3; GMC: 61, 79, 90, 91, 92		AMERICAN MOTORS: 1; CHRYSLER: 27; DODGE: 30; JEEP: 8, 9	
CB-610A(6)	STD,10,20,30,40	CB-745A(8)	STD,10,20,30,40	CB-960A(6)	STD,10,20,30
GMC: 63, 76, 77, 80; JEEP: 13		CHECKER: 5; GMC: 115, 125, 126, 140		AMERICAN MOTORS: 3, 4, 7; JEEP: 19, 20, 21	
CB-610A(8)	STD,10,20,30,40	CB-745P(4)	STD,10,20,30,40	CB-960A(8)	STD,10,20,30
GMC: 108, 116, 123, 124, 146, 147, 148, 150; JEEP: 27		GMC: 14, 18, 19, 20, 27, 28, 29, 45; ISUZU: 5		AMERICAN MOTORS: 9, 10; JEEP: 23	
CB-634A(8)	STD,10,20,30,40	CB-745P(6)	STD,10,20,30,40	CB-966A-.75mm(4)	
FORD: 91, 95, 97, 110, 112, 113, 114		CHECKER: 2, 3; GMC: 61, 79, 90, 91, 92		NISSAN: 34, 35	
CB-634P(8)	STD,1,10,20,30,40	CB-745P(8)	STD,10,20,30,40	CB-966A(4)	STD,.25mm,.50mm,.75mm
FORD: 91, 95, 97, 110, 112, 113, 114		CHECKER: 5; GMC: 115, 125, 126, 140		NISSAN: 11, 20	
CB-663A(6)	STD,10,20,30,40	CB-758P(8)	STD,10,20,30,40	CB-966A(6)	STD,.25mm,.50mm
GMC: 103, 104, 105, 106		GMC: 132, 137, 138, 144, 149, 150, 151, 152, 153, 154, 187, 188, 192, 196, 205, 213		NISSAN: 34, 35, 36	
CB-663A(8)	STD,1,10,20,30,40	CB-760A(8)	STD,10,20,30,40	CB-967A(4)	STD,.25mm,.50mm,.75mm,1.00mm
AM General: 1; CHECKER: 4, 6, 8, 9, 10; GMC: 113, 114, 120, 121, 126, 127, 128, 130, 131, 133, 134, 135, 136, 139, 140, 149, 155, 156, 157, 158, 159, 160, 167, 168, 169, 170, 177, 178, 187, 189, 190, 191, 193, 195, 198, 199, 206, 207; ISUZU: 20; SAAB: 6, 7		FORD: 124, 126, 138, 139, 140, 141, 142, 143, 146, 147, 148, 149, 150, 152, 154, 155, 156, 157, 158		NISSAN: 3, 4	
				CB-980A(4)	STD,.25mm
				NISSAN: 1, 2, 5	
				CB-984A(4)	STD,.25mm,.50mm,.75mm,1.00mm
				FORD: 22, 28, 33, 38; MAZDA: 14, 20	
				CB-984P(4)	STD,.25mm,.50mm,.75mm
				FORD: 22, 28, 33, 38; MAZDA: 14, 20	



NUMERICAL LISTING OF CONNECTING ROD BEARING PAIRS

PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
CB-1005A	STD,.25mm,.50mm, .75mm,1.00mm	CB-1282P	STD,1	CB-1426P	STD,.25mm,.50mm
RENAULT: 1		GMC: 145, 182, 183, 190, 193, 195, 197, 199, 202, 216		AUDI: 2, 3, 4, 5, 6, 7; VOLVO: 2; VW: 4, 5, 13, 20	
CB-1017A	STD,.25mm,.50mm,.75mm	CB-1283A	STD,.25mm,.50mm,.75mm	CB-1426P-.25mm	.50mm
AUDI: 1, 7, 8; CHRYSLER: 7; VW: 2, 3, 11		FORD: 70, 71, 73, 74		VW: 12	
CB-1017P	STD	CB-1286P	STD,.026mm,.25mm, .50mm,.75mm	CB-1435P	STD,.25mm
AUDI: 1, 7, 8; CHRYSLER: 7; VW: 2, 3, 11		AM General: 2; GMC: 174, 179, 181		FORD: 54, 56	
CB-1110A	STD,.25mm,.50mm,.75mm	CB-1287P	STD,.25mm	CB-1437P	STD,.25mm,.50mm,.75mm
FORD: 23; MAZDA: 6; PEUGEOT: 2		NISSAN: 8, 17, 34		TOYOTA: 44, 46, 47	
CB-1120A	STD,.25mm,.50mm,.75mm	CB-1302P	STD	CB-1439P	STD,.50mm
CHRYSLER: 4, 5, 6, 8, 10, 13, 15, 19; DODGE: 4, 5, 7, 10, 11; HYUNDAI: 6, 8; MITSUBISHI: 3, 4, 5, 6, 7, 9		VOLVO: 1		TOYOTA: 22, 26	
CB-1190P	STD,10	CB-1310AL	STD	CB-1440P	STD,.25mm,.50mm,.75mm
ALFA-ROMEO: 1		RENAULT: 4		TOYOTA: 57	
CB-1202A	STD,10	CB-1332A	STD,10	CB-1442A	STD,.25mm,.50mm,.75mm
RENAULT: 2		BERTONE: 1; FIAT: 1; PEUGEOT: 1; YUGO: 1		FORD: 99, 100, 101, 102, 103, 104, 105, 106, 108, 115, 116, 122, 123, 164, 165	
CB-1214A	STD,10,20,30,40	CB-1351P	STD,.25mm	CB-1443A	STD,10,20,30
CHRYSLER: 51, 52, 53, 54, 55; DODGE: 57, 58, 59		GMC: 110		GMC: 65, 81, 82, 83, 85, 86, 87	
CB-1216AL	STD	CB-1352P	STD	CB-1451A	STD,.25mm,.50mm,.75mm
GMC: 4		TOYOTA: 2, 4, 9		GMC: 8	
CB-1217P	STD	CB-1353P	STD,.25mm,.50mm	CB-1452AL	STD,.25mm,.50mm,.75mm
SUBARU: 2, 3		ACURA: 4; HONDA: 19		SUZUKI: 1	
CB-1218A	STD,.25mm,.50mm,.75mm	CB-1358A	STD,10,20,30,40	CB-1453A	STD,.25mm,.50mm,.75mm
TOYOTA: 18, 23, 28, 31, 32, 33		GMC: 97, 98, 99, 100, 101, 102; ISUZU: 17, 18		FORD: 11, 12; KIA MOTORS: 1, 2; MAZDA: 5, 7	
CB-1219G	STD,.25mm,.50mm,.75mm	CB-1358P-1	STD	CB-1455A	STD,.25mm,.50mm
TOYOTA: 61, 62		GMC: 97, 98, 99, 100, 101, 102; ISUZU: 17, 18		KIA MOTORS: 4; MAZDA: 23	
CB-1220A	STD,1.00mm	CB-1361A	STD,.25mm,.50mm	CB-1459P	STD,.25mm,.50mm
CHRYSLER: 11, 12, 29, 30; DODGE: 10, 12, 13, 14, 15, 20, 32; FORD: 27, 29; MAZDA: 22; MITSUBISHI: 19, 27, 28, 29		GMC: 7; TOYOTA: 3, 4, 9, 10		HONDA: 6, 7, 8, 11	
CB-1223A	STD	CB-1361P	STD,.25mm	CB-1461A	STD,.25mm,.50mm
HONDA: 8, 9, 10, 12, 20		GMC: 7; TOYOTA: 3, 4, 9, 10		ACURA: 2; HONDA: 15, 23	
CB-1223P	STD,.25mm,.50mm	CB-1362A	STD,.25mm	CB-1461P	STD,.25mm,.50mm
HONDA: 8, 9, 10, 12, 20		FORD: 21, 26; KIA MOTORS: 3; MAZDA: 11, 13		ACURA: 2; HONDA: 15, 23	
CB-1227P	STD,10,20,40	CB-1380A	STD,.25mm,.50mm,.75mm	CB-1470AL	STD
CHECKER: 1; GMC: 64, 78		FORD: 14, 16		SUBARU: 11	
CB-1228A	STD,10,20,30,40	CB-1385A	STD,.25mm,.50mm,.75mm	CB-1474P	STD,.25mm,.50mm
GMC: 58, 59, 62, 65, 66, 84, 94		FORD: 52; MAZDA: 36		GMC: 5; TOYOTA: 9, 10, 12	
CB-1228P	STD,10,20,30,40	CB-1388P	STD,.25mm,.50mm	CB-1477A	STD,25mm,.50mm,.75mm
GMC: 58, 59, 62, 65, 66, 84, 94		GMC: 34, 35, 36		GMC: 6; SUZUKI: 4	
CB-1238A	STD,.25mm,.50mm, .75mm,1.00mm	CB-1401A	STD,.25mm,.50mm	CB-1480A	STD,.25mm
GMC: 55, 56, 57, 67, 68; ISUZU: 13, 14; JEEP: 11		GMC: 1, 3; SUZUKI: 2, 3		HONDA: 37; ISUZU: 8	
CB-1269P	STD,.25mm,.50mm	CB-1401AL-.75mm		CB-1588AL	STD,.25mm,.50mm
CHRYSLER: 18, 28; DODGE: 19, 29		GMC: 1, 3; SUZUKI: 2, 3		CHRYSLER: 2, 3; HYUNDAI: 1, 3; MITSUBISHI: 1	
CB-1270P	STD,.25mm,.50mm	CB-1406AL	STD,.50mm	CB-1589A	STD,.25mm,.50mm,.75mm
TOYOTA: 11, 13		TOYOTA: 20, 21, 25, 26		NISSAN: 27	
CB-1276P	STD	CB-1407A	STD,.25mm,	CB-1590A	STD,.25mm,.50mm,.75mm
FORD: 10, 11, 15, 16		TOYOTA: 24		NISSAN: 6, 7, 9, 10, 13, 14	
CB-1278AL-.25mm		CB-1408A	STD,.25mm,.50mm,.75mm	CB1590A-4	STD
CHRYSLER: 1, 2; DODGE: 1; HYUNDAI: 3; MITSUBISHI: 2		GMC: 15, 19, 21		NISSAN: 6, 7, 9, 10, 13, 14	
CB-1279A	STD,.25mm,.50mm, .75mm,1.00mm	CB-1410A	STD,.25mm,.50mm,.75mm	CB-1590P	STD
FORD: 3; MAZDA: 1, 2, 3		CHRYSLER: 40, 46, 56, 57; VW: 24, 25		NISSAN: 6, 7, 10, 13	
CB-1280P	STD,.25mm,.50mm	CB-1411A	STD,.25mm,.50mm	CB-1591A	STD,.25mm,.50mm,.75mm
TOYOTA: 42, 44		CHRYSLER: 32, 33, 37, 38; DODGE: 43; HYUNDAI: 9; MITSUBISHI: 30, 31		FORD: 50; INFINITI: 3, 5	
		CB-1413P	STD,.25mm,.50mm,.75mm	CB-1591P	STD,.25mm,.50mm
		DODGE: 71, 73, 74, 75		FORD: 50; INFINITI: 3, 5	
		CB-1426A	STD,.25mm,.50mm, .75mm,	CB-1592AL-.25mm	.50mm
		AUDI: 2, 3, 4, 5, 6, 7; VOLVO: 2; VW: 4, 5, 13, 20		MAZDA: 29, 31	
				CB-1593A	STD,.25mm,.50mm
				TOYOTA: 5	
				CB-1594P	STD,.25mm,.50mm
				TOYOTA: 43	



NUMERICAL LISTING OF CONNECTING ROD BEARING PAIRS

MAHLE

PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
CB-15P	STD,10,20,30,40	CB-1772A	STD,.25mm,.50mm,.75mm	CB-1802P-10	STD
FORD: 92, 93, 94		FORD: 42, 55, 90; JAGUAR: 1; MAZDA: 26, 27, 28, 33, 34, 35		FORD: 159, 160, 161, 163	
CB-1623P	STD,.25mm,.50mm	CB-1774A	STD,.25mm,.50mm,.75mm	CB-1803A-10	STD,20
GMC: 16		FORD: 18; MAZDA: 9, 10		FORD: 131, 134, 135, 136	
CB-1625A	STD,.25mm,.50mm,.75mm	CB-1776A	STD,10,20,30	CB-1805P	STD,.25mm,.50mm
TOYOTA: 45		AM General: 1; CHECKER: 4, 6, 8, 9, 10; GMC: 103, 104, 105, 106, 113, 114, 120, 121, 126, 127, 128, 130, 131, 133, 134, 135, 136, 139, 140, 149, 155, 156, 157, 158, 159, 160, 167, 168, 169, 170, 177, 178, 187, 189, 190, 191, 193, 195, 198, 199, 206, 207; ISUZU: 20; SAAB: 6, 7		GMC: 201, 203, 204	
CB-1625P	STD,.25mm,.50mm	CB-1776P-40	STD	CB-1806A-10	STD,20,30
TOYOTA: 45		AM General: 1; CHECKER: 4, 6, 8, 9, 10; GMC: 103, 104, 105, 106, 113, 114, 120, 121, 126, 127, 128, 130, 131, 133, 134, 135, 136, 139, 140, 149, 155, 156, 157, 158, 159, 160, 167, 168, 169, 170, 177, 178, 187, 189, 190, 191, 193, 195, 198, 199, 206, 207; ISUZU: 20; SAAB: 6, 7		GMC: 65, 81, 82, 83, 85, 86, 87	
CB-1627P	STD,.25mm,.50mm	CB-1777P	STD,.25mm,.50mm	CB-1808A	STD,.25mm,.50mm,.75mm
LEXUS: 12, 14; TOYOTA: 65		HONDA: 14, 17		CHRYSLER: 76, 77, 78, 79, 88; DODGE: 89, 90, 91, 92, 93, 94, 113, 114; JEEP: 25, 26	
CB-1628P	STD,.25mm	CB-1778A	STD,10,20,30	CB-1808P	STD,.25mm,.50mm
TOYOTA: 48		FORD: 91, 95, 97, 110, 112, 113, 114		CHRYSLER: 76, 77, 78, 79, 88; DODGE: 89, 90, 91, 92, 93, 94, 113, 114; JEEP: 25, 26	
CB-1629P	STD,.25mm	CB-1779A-10	STD,20,30	CB-1809A-.25mm	.50mm,.75mm
INFINITI: 1, 2; NISSAN: 23, 24		CHECKER: 7; CHRYSLER: 62, 63, 68, 69, 70, 71, 72, 73, 75, 82, 83, 84, 85; DODGE: 78, 83, 86, 97, 100, 102, 103, 112; FARGO: 2		CHRYSLER: 76, 77, 78, 79, 88; DODGE: 89, 90, 91, 92, 93, 94, 113; JEEP: 25, 26	
CB-1633P	STD,10,20,30,40	CB-1780P	STD,.25mm,.50mm	CB-1810P-.25mm	.50mm
FORD: 162		ACURA: 8; HONDA: 22, 24, 29; ISUZU: 6		GMC: 201, 203, 204	
CB-1634A-.25mm	.50mm,.75mm	CB-1781A	STD,.25mm,.50mm,	CB-1812P	STD,10
FORD: 99, 100, 101, 102, 103, 104, 105, 106, 108, 115, 116, 122, 123, 164, 165		TOYOTA: 35, 40		GMC: 73	
CB-1635A	STD,.25mm,.50mm,.75mm	CB-1782AL	STD,.25mm,.50mm	CB-1813A	STD,.25mm,.50mm,.75mm
CHRYSLER: 17; DODGE: 18; MITSUBISHI: 12, 18		CHRYSLER: 9; DODGE: 9		CHRYSLER: 25; DODGE: 27; JEEP: 7	
CB-1639P	STD,.25mm,.50mm	CB-1783P	STD,.25mm,.50mm	CB-1814P	STD,.25mm,.50mm,.75mm
TOYOTA: 30		LEXUS: 8; TOYOTA: 51, 52, 53		FORD: 144	
CB-1639P-.25mm	.50mm	CB-1784P	STD,.25mm,.50mm	CB-1815P-.25mm	.50mm,.75mm
TOYOTA: 27		CHRYSLER: 64; DODGE: 79, 80; MITSUBISHI: 34		FORD: 144	
CB-1643P	STD,.25mm,.50mm	CB-1785P	STD,.25mm	CB-1817A-.25mm	.50mm
CHRYSLER: 13, 14, 15, 16, 19, 20; HYUNDAI: 7; MITSUBISHI: 10, 12, 13, 20, 21, 22		ACURA: 5		CHRYSLER: 25; DODGE: 27; JEEP: 7	
CB-1647A	STD,.25mm,.50mm,.75mm	CB-1786A	STD,.25mm,.50mm	CB-1818A	STD,.25mm,.50mm
GMC: 39, 40		GMC: 13; TOYOTA: 17		JEEP: 14; MITSUBISHI: 33	
CB-1648P	STD,.25mm,.50mm	CB-1787A-.25mm	.50mm	CB-1819A-.25mm	.50mm
GMC: 109, 117, 118, 119		CHRYSLER: 34; DODGE: 37		MITSUBISHI: 33	
CB-1652P	STD,.25mm,.50mm	CB-1790A	STD,.25mm,.50mm,.75mm	CB-1820P-20	STD
FORD: 25; MAZDA: 8, 10		FORD: 71, 73, 75		GMC: 73	
CB-1653P	STD,.25mm,.50mm	CB-1793P-.50mm		CB-1822P	STD,.25mm,.50mm
FORD: 41; MAZDA: 25, 27, 32		FORD: 18		VW: 16, 17	
CB-1653P-.25mm	.50mm	CB-1794A	STD,10,20,30	CB-1822P-.25mm	.50mm
MAZDA: 30		GMC: 97, 98, 99, 100, 101, 102; ISUZU: 17		VW: 18	
CB-1654A	STD,.25mm,.50mm,.75mm,1.00mm	CB-1794P-40	STD	CB-1823P	STD
GMC: 10, 17; ISUZU: 1, 3, 4		GMC: 97, 98, 99, 100, 101, 102; ISUZU: 17		AUDI: 10, 11; VW: 23	
CB-1654P	STD,.25mm,.50mm	CB-1795A-10	STD,20,30	CB-1824A	STD,.25mm
GMC: 10, 17; ISUZU: 1, 3, 4		FORD: 43, 45, 46, 47, 48, 80, 81, 82; MAZDA: 39, 40; SAAB: 1, 2		VW: 21	
CB-1655P	STD,.25mm,.50mm	CB-1797A	STD,.25mm,.50mm	CB-1827A	STD,10,20,30
INFINITI: 7		GMC: 55, 56, 57, 67, 68; ISUZU: 13, 14; JEEP: 11		GMC: 22, 23, 25, 30, 33, 38	
CB-1655P-.25mm	.50mm	CB-1799A-10	STD,20,30	CB-1828A-10	STD,20,30
INFINITI: 9		FORD: 76, 77, 78, 85, 87, 88, 89		GMC: 22, 25, 30	
CB-1656A	STD,.25mm,.50mm	CB-1801P-10	STD,30,40	CB-1830AL	STD,.25mm
LEXUS: 11; TOYOTA: 63		FORD: 124, 126, 138, 139, 140, 141, 142, 143, 146, 147, 148, 149, 150, 152, 154, 155, 156, 157, 158, 160, 161		ACURA: 15, 18; HONDA: 40; ISUZU: 15	
CB-1657P	STD,.25mm,.50mm			CB-1831P	STD
SAAB: 3; SUBARU: 4, 5, 6, 7, 8				MAZDA: 24	
CB-1667A	STD,.25mm,.50mm,.75mm			CB-1832P	STD,.25mm,.50mm
FORD: 71, 73, 75				HYUNDAI: 10; MITSUBISHI: 32	
CB-1669A	STD,.25mm,.50mm,.75mm			CB-1833P	STD,.25mm,.50mm
CHRYSLER: 39, 41, 42, 44; DODGE: 48				LEXUS: 7; TOYOTA: 49, 50	
CB-1669P	STD,.25mm,.50mm			CB-1835A	STD,.25mm,.50mm
CHRYSLER: 39, 41, 42, 43, 44; DODGE: 48				GMC: 37; LEXUS: 2; SCION: 4; TOYOTA: 34	
CB-1670A	STD,.25mm,.50mm,.75mm			CB-1838A	STD,.25mm,.50mm
CHRYSLER: 34; DODGE: 36, 37				FORD: 35; MAZDA: 16, 17, 19	



NUMERICAL LISTING OF CONNECTING ROD BEARING PAIRS



PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
CB-1839A-.25mm	.50mm	CB-1881A	STD,.25mm,.50mm,.75mm	CB-527P	STD,1,10,20,30,40
FORD: 35; MAZDA: 16, 17		CHRYSLER: 42, 44, 59; DODGE: 46, 48, 51; VW: 26		CHRYSLER: 80, 81, 86, 87, 89, 90, 91, 92, 93; DODGE: 95, 104, 106, 107, 110, 111	
CB-1840A	STD,.25mm,.50mm	CB-1882A	STD,10,20,30	CB-535P	STD,10,20,30
FORD: 19		GMC: 46, 47, 50, 51, 52, 95; SAAB: 5		FORD: 67, 68, 69	
CB-1841AL-.50mm		CB-1883A-10	STD,20,30	CB-542P	STD,10,20,30,40
FORD: 19		GMC: 47, 51, 52, 95; SAAB: 5		GMC: 173, 174, 175, 184, 185, 214, 215, 217	
CB-1842P	STD,.25mm,.50mm	CB-1887A-.25mm	.50mm,.75mm	CB-583A	STD,10,20,30,40
DODGE: 34		CHRYSLER: 40, 46, 56; VW: 24, 25		FORD: 29, 30, 31, 40, 44, 47, 57, 58, 59, 60, 83	
CB-1843P-.25mm	.50mm	CB-1890A	STD,.25mm,.50mm	CB-583P	STD,10,20,30,40
DODGE: 34		TOYOTA: 58, 59, 60		FORD: 29, 30, 31, 40, 44, 47, 57, 58, 59, 60, 83	
CB-1845A-.25mm	.50mm,.75mm	CB-1894P	STD,.25mm,.50mm	CB-584P	STD,10,20
FORD: 42, 55, 90; JAGUAR: 1; MAZDA: 33, 34		INFINITI: 10, 11; NISSAN: 46, 47		GMC: 53	
CB-1846P-.25mm	.50mm	CB-1905P	STD,.25mm,.50mm	CB-603P	STD,10
DODGE: 71, 73, 74, 75		INFINITI: 4; NISSAN: 40		FORD: 1, 2, 5, 9	
CB-1850P	STD,.25mm,.50mm	CB-1909A	STD,.25mm,.50mm	CB-606A-10	STD,20,30,40
SUBARU: 4, 6, 7		CHRYSLER: 21, 23; DODGE: 8, 17; JEEP: 1, 4, 6; MITSUBISHI: 14, 15, 16, 25, 26		CHRYSLER: 35, 36, 52, 54; DODGE: 38, 39, 59, 60, 63	
CB-1851A	STD,.25mm	CB-1910A	STD,.25mm,.50mm	CB-606G	STD,10,20,30
GMC: 60		FORD: 36; MAZDA: 21		CHRYSLER: 35, 36, 52, 54; DODGE: 38, 39, 59, 60, 63	
CB-1853A-10	STD,20,30	CB-1911A	STD,.25mm	CB-60G-10	STD,20,30
GMC: 14, 18, 19, 20, 26, 27, 28, 29, 45, 61, 79, 90, 92, 93, 115, 125, 126, 140; ISUZU: 5		FORD: 62, 64		CHRYSLER: 47; DODGE: 64	
CB-1854A	STD,.25mm,.50mm	CB-1919A	STD,.25mm,.50mm	CB-610A	STD,10,20,30,40
CHRYSLER: 64; DODGE: 79, 80; MITSUBISHI: 34		NISSAN: 18, 22		AMERICAN MOTORS: 2; GMC: 41, 42, 43, 44, 63, 76, 77, 80, 108, 116, 123, 124, 146, 147, 148, 150; JEEP: 10, 13, 27	
CB-1855A-.25mm	.50mm	CB-1928A	STD,.25mm,.50mm	CB-610P-1	STD
CHRYSLER: 64; DODGE: 79, 80; MITSUBISHI: 34		NISSAN: 16; RENAULT: 3		AMERICAN MOTORS: 2; GMC: 41, 42, 43, 44, 63, 76, 77, 80, 108, 116, 123, 124, 146, 147, 148, 150; JEEP: 10, 13, 27	
CB-1857P	STD,.25mm,.50mm	CB-1944A	STD	CB-634A	STD,10,20,30,40
INFINITI: 6; NISSAN: 41		FORD: 145		FORD: 91, 95, 97, 110, 112, 113, 114	
CB-1859P	STD,.25mm,.50mm	CB-1953AP	STD	CB-634P	STD,1,10,20,30,40
ACURA: 3; HONDA: 18		FORD: 153		FORD: 91, 95, 97, 110, 112, 113, 114	
CB-1860P	STD,.25mm,.50mm	CB-1961A	STD,.25mm,.50mm,.75mm	CB-663A	STD,1,10,20,30,40
ACURA: 9; HONDA: 30, 31		TOYOTA: 39, 41		AM General: 1; CHECKER: 4, 6, 8, 9, 10; GMC: 103, 104, 105, 106, 113, 114, 120, 121, 126, 127, 128, 130, 131, 133, 134, 135, 136, 139, 140, 149, 155, 156, 157, 158, 159, 160, 167, 168, 169, 170, 177, 178, 187, 189, 190, 191, 193, 195, 198, 199, 206, 207; ISUZU: 20; SAAB: 6, 7	
CB-1861P	STD,.25mm,.50mm	CB-1962A	STD,.25mm,.50mm	CB-663P	STD,60,1,10,2,20,30,40
ACURA: 6, 10, 11, 12; HONDA: 26, 33, 34, 35		NISSAN: 33		AM General: 1; CHECKER: 4, 6, 8, 9, 10; GMC: 103, 104, 105, 106, 113, 114, 120, 121, 126, 127, 128, 130, 131, 133, 134, 135, 136, 139, 140, 149, 155, 156, 157, 158, 159, 160, 167, 168, 169, 170, 177, 178, 187, 189, 190, 191, 193, 195, 198, 199, 206, 207; ISUZU: 20; SAAB: 6, 7	
CB-1862A	STD,.25mm,.50mm	CB-1990P	STD,.25mm,.50mm	CB-684P	STD,10,20,30
ACURA: 1; HONDA: 3, 13		GMC: 201, 203, 204		GMC: 111, 112, 129, 141, 142, 148, 150, 161, 163, 164, 165, 166, 191, 192	
CB-1863A	STD,.25mm,.50mm	CB-200P	STD,10,2,20,30,40	CB-699A	STD,10,20,30,40
GMC: 11; TOYOTA: 14		FORD: 17		FORD: 76, 77, 78, 85, 87, 88, 89	
CB-1864A	STD,.25mm,.50mm	CB-236C-60	STD	CB-699P-1	STD
SCION: 1; TOYOTA: 7, 8		JEEP: 2, 3		FORD: 76, 77, 78, 85, 86, 87, 88, 89	
CB-1869P	STD,.25mm,.50mm,.75mm	CB-236P	STD,10,20,30,40	CB-723A	STD,10,20,30,40
FORD: 151		JEEP: 2, 3		FORD: 5, 43, 45, 46, 47, 48, 80, 81, 82; MAZDA: 39, 40; SAAB: 1, 2	
CB-1873AP	STD,.25mm,.50mm,.75mm	CB-416P	STD,10,20,30,40	CB-743A	STD,10,20,30,40
DODGE: 71, 72, 76		GMC: 88, 89		GMC: 145, 182, 183, 190, 193, 195, 197, 199, 202, 210, 211, 216	
CB-1874A	STD,.25mm,.50mm,.75mm	CB-461P	STD,10,20,30		
GMC: 69, 70, 71, 72		FORD: 96, 98, 111, 118, 119, 120			
CB-1875A-.25mm	.50mm,.75mm	CB-472P	STD,10,20		
GMC: 69, 70, 71, 72		GMC: 172, 180, 208			
CB-1876P-.25mm	.50mm,.75mm	CB-481A	STD,10,20,30,40		
FORD: 151		CHECKER: 7; CHRYSLER: 61, 62, 63, 67, 68, 69, 70, 71, 72, 73, 75, 82, 83, 84, 85; DODGE: 78, 81, 83, 86, 97, 100, 101, 102, 103, 112; FARGO: 2			
CB-1877A	STD,10,20	CB-481P	STD,1,10,2,20,30,40		
GMC: 54; SAAB: 4; SUZUKI: 7		CHECKER: 7; CHRYSLER: 61, 62, 63, 67, 68, 69, 70, 71, 72, 73, 75, 82, 83, 84, 85; DODGE: 78, 81, 83, 86, 97, 100, 101, 102, 103, 112; FARGO: 2			
CB-1878A-10	STD,20,30	CB-488P	STD,10,20		
AMERICAN MOTORS: 2; GMC: 41, 42, 43, 44, 63, 76, 77, 80, 108, 116, 123, 124, 146, 147, 148, 150; JEEP: 10, 13, 27		AUSTIN: 1; TURNER: 1			
CB-1879A-10	STD,20				
GMC: 54, 74; SAAB: 4; SUZUKI: 7					
CB-1880P-.25mm	.50mm				
CHRYSLER: 39, 41, 42, 44; DODGE: 48					



NUMERICAL LISTING OF CONNECTING ROD BEARING PAIRS

MAHLE

PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
CB-743P	STD,1,10,20,30,40,50 GMC: 145, 182, 183, 190, 193, 195, 197, 199, 202, 210, 211, 216	CB-780A	STD,.25mm,.50mm,.75mm,1.00mm VW: 1, 6, 7, 8, 9, 10, 15	CB-960P-1	STD AMERICAN MOTORS: 1, 3, 4, 7, 9, 10; CHRYSLER: 27; DODGE: 30; JEEP: 8, 9, 18, 19, 20, 21, 23
CB-745A	STD,10,20,30 CHECKER: 2, 3, 5; GMC: 14, 18, 19, 20, 27, 28, 29, 45, 61, 79, 90, 91, 92, 115, 125, 126, 140; ISUZU: 5	CB-792P	STD,20,30 AUSTIN: 2	CB-966A	STD,.25mm,.50mm,.75mm,1.00mm NISSAN: 11, 20, 34, 35, 36
CB-745P	STD,1,10,2,20,30,40 CHECKER: 2, 3, 5; GMC: 14, 18, 19, 20, 27, 28, 29, 45, 61, 79, 90, 91, 92, 115, 125, 126, 140; ISUZU: 5	CB-809P	STD BMW: 1, 2	CB-966P-1.00mm	NISSAN: 11, 20, 34, 35, 36
CB-756P	STD,10 FORD: 125, 146, 147, 148, 149, 152, 154, 155, 156, 157	CB-818A	STD,10,20,30,40 FORD: 159, 160, 161	CB-967A	STD,.25mm,.50mm,.75mm,1.00mm NISSAN: 3, 4
CB-758P	STD,1,10,20,30,40 GMC: 49, 132, 137, 138, 144, 149, 150, 151, 152, 153, 154, 187, 188, 192, 196, 205, 213	CB-818P	STD,1,10,20,30,40 FORD: 159, 160, 161	CB-967P	STD,.25mm,.75mm NISSAN: 3, 4
CB-760A	STD,10,20,30,40 FORD: 124, 126, 138, 139, 140, 141, 142, 143, 146, 147, 148, 149, 150, 152, 154, 155, 156, 157, 158	CB-819P	STD,10,20,30 AMERICAN MOTORS: 12	CB-969G	STD TOYOTA: 1
CB-760C-60	STD FORD: 124, 126, 138, 139, 140, 141, 142, 143, 146, 147, 148, 149, 150, 152, 154, 155, 156, 157, 158	CB-831A	STD,10,20,30,40 FORD: 131, 134, 135, 136	CB-980A-.25mm	NISSAN: 1, 2, 5
CB-760P	STD,1,10,20,30,40 FORD: 124, 126, 138, 139, 140, 141, 142, 143, 146, 147, 148, 149, 150, 152, 154, 155, 156, 157, 158	CB-831P	STD,1,10,20,30,40 FORD: 131, 134, 135, 136	CB-980P-.25mm	NISSAN: 2, 5
CB-762P	STD,10,20,30 GMC: 171, 186, 200, 209	CB-927A	STD,10,20,30,40 FORD: 127, 129, 130, 132, 133, 137	CB-981P-.50mm	NISSAN: 12, 21
		CB-927P	STD,1,10,20,30,40 FORD: 127, 129, 130, 132, 133, 137	CB-984A	STD,.25mm,.50mm,.75mm,1.00mm FORD: 22, 28, 33, 38; MAZDA: 14, 20
		CB-943P	STD,.25mm FORD: 23	CB-984P	STD,.25mm,.50mm FORD: 22, 28, 33, 38; MAZDA: 14, 20
		CB-960A	STD,10,20,30,40 AMERICAN MOTORS: 1, 3, 4, 7, 9, 10; CHRYSLER: 27; DODGE: 30; JEEP: 8, 9, 18, 19, 20, 21, 23	CB-988P	STD NISSAN: 29



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PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
MS-1010P	STD	MS-1277P	STD	MS-1456P	STD
FORD: 127		CHRYSLER: 89, 90, 91, 92, 93, 94; DODGE: 110, 111		TOYOTA: 11	
Contents: (4)MB-2560P (1)MB-2561P(F)		Contents: (4)MB-2067P (1)MB-2625P(F)		Contents: (5)MB-623P	
MS-1038P	STD	MS-1298A-.25mm		MS-1494A-.25mm	
GMC: 187, 189, 190, 191, 192, 193, 194, 195, 196, 198, 199		GMC: 10, 17; ISUZU: 1, 2, 3		GMC: 55, 56; JEEP: 11	
Contents: (4)MB-2562P (1)MB-2563P(F)		MS-1329A	STD	MS-1494P-.25mm	
MS-1039P	STD	NISSAN: 4		GMC: 55, 56; JEEP: 11	
FORD: 159, 160		Contents: (3)MB-1269A		MS-1533A	STD
Contents: (4)MB-2564P (1)MB-2565P(F)		MS-1344A	STD	CHRYSLER: 18, 28; DODGE: 19, 29	
MS-1041P	STD	CHRYSLER: 68, 72; DODGE: 82, 84, 85, 86, 87		Contents: (4)MB-2863A (1)MB-2864A(F)	
AMERICAN MOTORS: 8, 9, 10; JEEP: 23, 30		Contents: (3)MB-2283A (1)MB-2559A (1)MB-2620A(F)		MS-1533P	STD
Contents: (1)MB-2578P(F) (4)MB-2579P (4)MB-2579P		MS-1344P	STD	CHRYSLER: 18, 28; DODGE: 19, 29	
MS-1051A	STD	CHRYSLER: 68, 72; DODGE: 82, 84, 85, 86, 87		Contents: (4)MB-2863P (1)MB-2864P(F)	
CHRYSLER: 84; DODGE: 97, 102, 103		Contents: (3)MB-2283P (1)MB-2559P (1)MB-2620P(F)		MS-1557P	STD
Contents: (3)MB-2590A (1)MB-2591A(F) (1)MB-2592A		MS-1389AL-20	STD	FORD: 10, 11	
MS-1051P	STD	FORD: 58, 60		Contents: (4)MB-2865P (1)MB-2866P(F)	
CHRYSLER: 84; DODGE: 97, 102, 103		MS-1416A	STD	MS-1560AL-.25mm	
Contents: (3)MB-2590P (1)MB-2591P(F) (1)MB-2592P		VW: 1, 6, 8		MAZDA: 2	
MS-1053A	STD	Contents: (1)MB-2719A (1)MB-2720P (1)MB-2721A (1)MB-2722A		MS-1565P	STD
VW: 1, 6, 8		MS-1417A	STD	NISSAN: 17	
Contents: (1)MB-596A (2)MB-597P (1)MB-598A (1)MB-599A		VW: 1, 6, 8		Contents: (4)MB-2879P (1)MB-2880P(F)	
MS-1084P	STD	Contents: (1)MB-2723A (1)MB-2724P (1)MB-2725A (1)MB-2726A		MS-1568P	STD
FORD: 23		MS-1419AL-20	STD	AMERICAN MOTORS: 1; CHRYSLER: 27; JEEP: 9	
Contents: (5)MB-409P (5)MB-409P		CHRYSLER: 52, 53, 55; DODGE: 55, 56, 57, 58, 59, 60, 63		Contents: (4)MB-2263P (1)MB-2264P(F) (1)MB3974PU	
MS-109P	STD	Contents: (3)MB-2731AL (1)MB-2732AL(F)		MS-1571A	STD
FORD: 92, 93, 94, 96		MS-1428P	STD	SUBARU: 3	
Contents: (1)MB-1183P(F) (2)MB-352P (2)MB-352P		TOYOTA: 28, 31		MS-1590A	STD
MS-1106P	STD	Contents: (1)MB-2746P (4)MB-615P		TOYOTA: 31, 32, 33	
NISSAN: 34, 35, 36		MS-1429G	STD	Contents: (5)MB-2925A	
Contents: (2)MB-631P (4)MB-632P (1)MB-633P(F)		TOYOTA: 61, 62		MS-1590P	STD
MS-1117A	STD	Contents: (1)MB-2747G (1)MB-2748G (1)MB-2749G(F) (1)MB-2750G		TOYOTA: 31, 32, 33	
FORD: 22, 28, 33		MS-1431P	STD	Contents: (1)MB-2925P	
Contents: (4)MB-2612A (1)MB-2613A(F)		HONDA: 1, 4, 7, 8, 11, 12		MS-1595A	STD
MS-1117P	STD	MS-1432A	STD	NISSAN: 5, 6, 7, 8	
FORD: 22, 28, 33		FORD: 129, 131, 134, 135, 136, 137		Contents: (2)MB-2931A (2)MB-2932A (1)MB-3568A(F)	
Contents: (4)MB-2612P (1)MB-2613P(F)		Contents: (1)MB-2558A(F) (4)MB-2754A		MS-1618P	STD
MS-1157A	STD	MS-1432P	STD	HONDA: 19	
AUDI: 1, 2; VW: 2, 5, 6, 7, 8, 9, 11		FORD: 129, 131, 134, 135, 136, 137		Contents: (5)MB-2966P	
Contents: (4)MB-692A (1)MB-693A(F)		Contents: (1)MB-2558P(F) (4)MB-2754P		MS-1629A	STD
MS-115P	STD	MS-1434A	STD	FORD: 30, 31, 32, 37	
JEEP: 2, 3		AUDI: 6, 7, 8; VW: 19, 20		Contents: (3)MB-2692AL (1)MB-2693AL(F) (1)MB-2986AL	
Contents: (1)MB-883P(F) (1)MB-884P (1)MB-885P		Contents: (6)MB2661AL (6)MB2661AU		MS-1643P	STD
MS-1266A	STD	MS-1454A	STD	GMC: 41, 43, 44	
CHRYSLER: 83, 84; DODGE: 98, 99, 100, 102, 103		CHECKER: 1; GMC: 64, 78, 96, 97, 98, 99, 100, 101; ISUZU: 18		Contents: (1)MB-3011P(F) (4)MB-3135P	
Contents: (3)MB-2622A (1)MB-2623A(F) (1)MB-2624A		Contents: (3)MB-2508A (1)MB-2509A(F)		MS-1668P	STD
MS-1266P	STD	MS-1454P	STD	CHRYSLER: 1, 2, 3; DODGE: 1; HYUNDAI: 1, 3; MITSUBISHI: 1, 2	
CHRYSLER: 83, 84; DODGE: 98, 99, 100, 102, 103		CHECKER: 1; GMC: 64, 78, 96, 97, 98, 99, 100, 101; ISUZU: 18		Contents: (4)MB-3049P (1)MB-3050P(F)	
Contents: (3)MB-2622P (1)MB-2623P(F) (1)MB2624P		Contents: (3)MB-2508P (3)MB-2508P (1)MB-2509P(F)		MS-1702A	STD
				FORD: 51, 52, 53; MAZDA: 35	
				Contents: (2)MB-3093A (1)MB-3094A(F) (1)MB-3095A	
				MS-1704A	STD
				GMC: 18, 20, 21, 28, 29; ISUZU: 5	
				Contents: (4)MB-2854A (1)MB-2883A(F)	



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PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
MS-1706A	STD FORD: 14, 15, 16 Contents: (4)MB-3073A (1)MB-3074A(F)	MS-1806AL	STD HONDA: 4, 5, 6, 7, 8, 9, 10 Contents: (5)MB-3178AL	MS-195P-10	STD FORD: 118, 119, 120 Contents: (4)MB-1717P (1)MB-1718P(F)
MS-1706P	STD FORD: 14, 15, 16 Contents: (4)MB-3073P (1)MB-3074P(F)	MS-1812A	STD FORD: 70, 71, 72, 73, 74, 75 Contents: (3)MB-3187A (1)MB-3188A(F)	MS-1983A	STD FORD: 43, 45, 46, 48 Contents: (3)MB-2350A (1)MB-3416A(F)
MS-1708A	STD GMC: 1 Contents: (1)MS-2403A	MS-1812P	STD FORD: 70, 71, 72, 73, 74, 75 Contents: (3)MB-3187P (1)MB-3188P(F)	MS-2003P	STD SUBARU: 1 Contents: (3)MB-3459P (1)MB-3460P(F)
MS-1714A	STD TOYOTA: 20, 21, 22, 25, 26, 30	MS-1820A	STD GMC: 6, 9; SUZUKI: 4	MS-2006A	STD FORD: 48, 80, 82; MAZDA: 39, 40 Contents: (3)MB-3202A (1)MB-3467A(F)
MS-1715AL	STD TOYOTA: 24 Contents: (1)MB-3207AL	MS-1821A	STD HONDA: 37; ISUZU: 8	MS-2007A	STD FORD: 101, 102, 104 Contents: (4)MB-3139A (1)MB-3139W (1)MB-3140A(F)
MS-1733A	STD AMERICAN MOTORS: 2; GMC: 42, 43, 44, 45; JEEP: 10 Contents: (1)MB-2588A(F) (4)MB-3135A	MS-1822P	STD GMC: 65, 85, 87 Contents: (2)MB-3213P (1)MB-3214P(F) (1)MB-3215P	MS-2007P	STD FORD: 101, 102, 104 Contents: (4)MB-3139P (1)MB-3139W (1)MB-3140P(F)
MS-1733P	STD AMERICAN MOTORS: 2; GMC: 42, 43, 44, 45; JEEP: 10 Contents: (1)MB-2588P(F) (4)MB-3135P	MS-1945A	STD CHRYSLER: 10, 12, 29, 30; DODGE: 11, 12, 31, 32; MAZDA: 22; MITSUBISHI: 27, 28, 29 Contents: (1)MB-3053AL	MS-2009P-.25mm	STD GMC: 16
MS-1743A	STD FORD: 28, 33, 38; MAZDA: 14, 20, 26, 27, 28 Contents: (1)MB-3130A(F) (4)MB-3137A	MS-1946A	STD CHRYSLER: 57; DODGE: 65; JEEP: 16, 17; VW: 25 Contents: (1)MB-3107A(F) (3)MB-3340A	MS-2011A	STD TOYOTA: 45 Contents: (3)MB-3350A (1)MB-3472A
MS-1743P	STD FORD: 28, 33, 38; MAZDA: 14, 20, 26, 27, 28 Contents: (1)MB-3130P(F) (4)MB-3137P	MS-1946P	STD CHRYSLER: 57; DODGE: 65; JEEP: 16, 17; VW: 25 Contents: (1)MB-3107P(F) (3)MB-3340P	MS-2011P	STD TOYOTA: 45 Contents: (3)MB-3350P (1)MB-3472P
MS-1744P-10	STD AM General: 1; CHECKER: 4, 6; GMC: 126, 127, 128, 131, 139, 140, 151, 158, 159, 160 Contents: (4)MB-2508P (4)MB-2508P (1)MB-3119P(F)	MS-1947A	STD JEEP: 21 Contents: (6)MB-3337A (1)MB-3338A(F)	MS-2012P	STD ACURA: 8; HONDA: 29; ISUZU: 6 Contents: (5)MB-3474P
MS-1774P	STD TOYOTA: 44, 46, 47 Contents: (1)MB-3198P (6)MB-3199P	MS-1947P	STD JEEP: 21 Contents: (6)MB-3337P (1)MB-3338P(F) (1)MB3974PU	MS-2014A	STD LEXUS: 5; TOYOTA: 53
MS-1775A	STD ISUZU: 3, 4 Contents: (5)MB-3061A	MS-1948A	STD DODGE: 30; JEEP: 8 Contents: (4)MB-3337A (1)MB-3338A(F)	MS-2015A	STD INFINITI: 1; NISSAN: 23, 24, 25 Contents: (5)MB-3478A
MS-1777P	STD TOYOTA: 57, 62 Contents: (1)MB-2747G (1)MB-2748G (1)MB-3195P (1)MB-3196P	MS-1948P	STD DODGE: 30; JEEP: 8 Contents: (4)MB-3337P (1)MB-3338P(F) (1)MB3974PU	MS-2022A	STD GMC: 81, 82, 83, 85, 86, 87 Contents: (1)MB-3213A (1)MB-3214A(F) (1)MB-3494A (1)MB-3495A
MS-1779A	STD GMC: 3; SUZUKI: 2, 3	MS-1949A	STD NISSAN: 27, 28 Contents: (4)MB-3341A (1)MB-3342A(F)	MS-2022P	STD GMC: 81, 82, 83, 85, 86, 87 Contents: (1)MB-3213P (1)MB-3214P(F) (1)MB-3494P (1)MB-3495P
MS-178P-10	STD FORD: 94, 95, 96, 98, 111	MS-1949P-.25mm	STD NISSAN: 27, 28	MS-2028A	STD CHRYSLER: 17; DODGE: 18; MITSUBISHI: 12, 18 Contents: (1)MB-4000A(F) (4)MB-4001A
MS-1802A	STD FORD: 3, 11, 12; KIA MOTORS: 1; MAZDA: 3, 5, 7 Contents: (1)MB1802A (1)MS-1802AL	MS-1950A	STD NISSAN: 13	MS-2034P	STD FORD: 162 Contents: (4)MB-3497P (1)MB-3498P(F)
MS-1803A	STD FORD: 26; KIA MOTORS: 3, 4; MAZDA: 13	MS-1951A	STD FORD: 50; NISSAN: 37, 38 Contents: (1)MB-3344A (2)MB-3345A (1)MB-3346A(F)	MS-2039P	STD CHRYSLER: 14, 15, 16, 19; HYUNDAI: 7; MITSUBISHI: 10, 11, 12, 20, 22, 23 Contents: (4)MB-3504P (1)MB-3505P(F)
MS-1804A	STD ACURA: 2, 3, 9; HONDA: 14, 15, 16, 17, 18, 22, 29, 30; ISUZU: 7 Contents: (5)MB-3176A	MS-1951P	STD FORD: 50; NISSAN: 37, 38 Contents: (1)MB-3344P (2)MB-3345P (1)MB-3346P(F)	MS-2042A	STD NISSAN: 20 Contents: (1)MB-2885A (2)MB-2886A (1)MB-2888A (1)MB-3519A(F)
MS-1804P	STD ACURA: 2, 3, 9; HONDA: 14, 15, 16, 17, 18, 22, 29, 30; ISUZU: 7 Contents: (5)MB-3176P	MS-1953A	STD TOYOTA: 5		



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PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
MS-2042P	STD NISSAN: 20 Contents: (1)MB-2885P (2)MB-2886P (1)MB-2888P (1)MB-3519P(F)	MS-2199P	STD GMC: 120, 121, 122, 133, 135, 136, 155, 160, 168, 169, 170, 176, 177; ISUZU: 20; SAAB: 6, 7 Contents: (4)MB-3591P (1)MB-3592P(F)	MS-2216A	STD DODGE: 79, 80; JEEP: 22; MITSUBISHI: 34 Contents: (5)MB-3771A
MS-2046P	STD MAZDA: 11 Contents: (4)MB-2999P (1)MB-3523P(F)	MS-2202A	STD FORD: 99, 100, 101, 103, 104, 121, 122 Contents: (4)MB-3139A (1)MB-3139W (1)MB-3752A	MS-2218P	STD GMC: 201, 203, 204 Contents: (5)MB-3776P
MS-2056A	STD GMC: 39, 40 Contents: (4)MB-3514A (1)MB-3515A(F)	MS-2202P	STD FORD: 99, 100, 101, 104, 121, 122 Contents: (4)MB-3139P (1)MB-3139W (1)MB-3752P	MS-2220A	STD CHRYSLER: 76, 77, 78, 79; DODGE: 89, 90, 91, 92, 93; JEEP: 25, 26 Contents: (5)MB-3780A
MS-2057A	STD FORD: 25; MAZDA: 8, 10	MS-2203A	STD FORD: 164, 165, 166 Contents: (5)MB-3139A (1)MB-3139W (1)MB-3752A	MS-2220P	STD CHRYSLER: 76, 77, 78, 79; DODGE: 89, 90, 91, 92, 93; JEEP: 25, 26 Contents: (5)MB-3780P
MS-2058AL	STD FORD: 41; MAZDA: 25, 27, 28 Contents: (3)MB-3545AL (1)MB-3546AL	MS-2204A	STD FORD: 104 Contents: (4)MB-3139A (1)MB-3139W (1)MB-3755A(F)	MS-2223P	STD FORD: 144 Contents: (4)MB-3787P (1)MB-3788P(F)
MS-2060P	STD INFINITI: 7 Contents: (2)MB-3547P (2)MB-3548P (1)MB-3549P	MS-2205A	STD GMC: 27, 28, 29; ISUZU: 5 Contents: (3)MB-2854A (1)MB-2883A(F) (1)MB-3749A	MS-2224A	STD GMC: 95; SAAB: 5
MS-2060P-.25mm	INFINITI: 9	MS-2206P	STD GMC: 109, 118 Contents: (4)MB-3758P (1)MB-3759P(F)	MS-2226A	STD CHRYSLER: 37, 38; DODGE: 43; HYUNDAI: 9; MITSUBISHI: 30, 31 Contents: (4)MB-3791A
MS-2061A	STD LEXUS: 11; TOYOTA: 63	MS-2207A	STD FORD: 42, 49; JAGUAR: 1; MAZDA: 34 Contents: (3)MB-3750A (1)MB-3751A(F) (1)MB5051ALSTD	MS-2226P	STD CHRYSLER: 37, 38; DODGE: 43; HYUNDAI: 9; MITSUBISHI: 30, 31 Contents: (4)MB-3791P
MS-2062A	STD SUBARU: 4, 7, 8, 9	MS-2208A	STD FORD: 18; MAZDA: 9, 10, 31, 32 Contents: (4)MB-3753A (1)MB-3754A(F)	MS-2227A	STD AUDI: 5; VW: 13, 14, 16 Contents: (4)MB-3792AL (1)MB-3793AL
MS-2068A	STD GMC: 15, 19, 21 Contents: (4)MB-2791A (1)MB-3565A(F)	MS-2209A	STD CHRYSLER: 34; DODGE: 36, 37 Contents: (4)MB-3596A	MS-2232A	STD GMC: 22, 24, 25, 30, 32, 33, 38 Contents: (1)MB-3824AL (1)MB-3825AL(F)
MS-2068P	STD GMC: 15, 19, 21 Contents: (4)MB-2791P (1)MB-3565P(F)	MS-2209P	STD CHRYSLER: 34; DODGE: 36, 37 Contents: (4)MB-3596P	MS-2234A	STD HYUNDAI: 2, 4, 5 Contents: (4)MB-3803A (1)MB-3804A(F)
MS-2072P-.25mm	NISSAN: 6, 7, 10	MS-2210A	STD CHRYSLER: 39, 41, 42, 43, 44; DODGE: 46, 48, 49, 50 Contents: (4)MB-3597A	MS-2234P	STD HYUNDAI: 2, 4, 5 Contents: (4)MB-3803P (1)MB-3804P(F)
MS-2074P-.25mm	INFINITI: 5; NISSAN: 37 Contents: (1)MB-2995P (2)MB-2996P (1)MB-3570P(F)	MS-2210P	STD CHRYSLER: 39, 41, 44; DODGE: 47, 48, 50 Contents: (4)MB-3597P	MS-2236AL	STD ACURA: 15; HONDA: 40; ISUZU: 15
MS-2076A	STD CHRYSLER: 4, 5, 6, 8, 13, 15; DODGE: 4, 5, 7, 10, 11, 14, 16; HYUNDAI: 6, 8; KIA MOTORS: 5; MITSUBISHI: 3, 4, 5, 7, 9 Contents: (4)MB-2869A (1)MB-3572A(F)	MS-2211A	STD GMC: 5, 7, 13; TOYOTA: 2, 3, 4, 9, 10, 12, 17	MS-2238P	STD MITSUBISHI: 32 Contents: (4)MB-3811P
MS-2087P-.25mm	TOYOTA: 61, 62	MS-2212A	STD TOYOTA: 35, 37, 40	MS-2239P	STD CHRYSLER: 31, 32, 33 Contents: (4)MB-3813P
MS-2091P	STD AM General: 2; GMC: 179, 181 Contents: (3)MB-3587P (1)MB-3588P(F) (1)MB-3589P	MS-2213AL	STD CHRYSLER: 9; DODGE: 9 Contents: (5)MB-3767AL	MS-2240P	STD LEXUS: 7; TOYOTA: 49, 50 Contents: (2)MB-3814P (2)MB-3815P
MS-2095P	STD ACURA: 4, 5, 7, 10; HONDA: 14, 23, 34, 35 Contents: (5)MB-3760P	MS-2215P-10	STD GMC: 64, 78, 99, 100 Contents: (3)MB-2508P (3)MB-2508P (1)MB-3119P(F)	MS-2241P	STD TOYOTA: 52, 53 Contents: (1)MB-3817P (3)MB-3818P
MS-2199A	STD GMC: 120, 121, 122, 133, 135, 136, 155, 160, 168, 169, 170, 176, 177; ISUZU: 20; SAAB: 6, 7 Contents: (4)MB-3591A (1)MB-3592A(F) (1)MB3592ALLSTD (1)MB3592ALUSTD			MS-2242P	STD DODGE: 79, 80; JEEP: 22; MITSUBISHI: 34 Contents: (5)MB-3790P
				MS-2243A	STD GMC: 37; LEXUS: 2; SCION: 4; TOYOTA: 34 Contents: (1)MB2243A



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MS-2244A	STD DODGE: 61, 62; JEEP: 14 Contents: (4)MB-3790A	MS-2279P	STD CHRYSLER: 25, 26; DODGE: 27, 28; JEEP: 7 Contents: (4)MB-3594P (1)MB-3907P(F)	MS-2325A	STD SUZUKI: 6
MS-2245A	STD FORD: 19, 20, 24, 34, 35, 36; MAZDA: 12, 15, 16, 17 Contents: (5)MB3822ALL (1)MB3822ALU (1)MB4029AU	MS-2284A	STD LEXUS: 14; TOYOTA: 65 Contents: (2)MB-3917A (3)MB-3918A	MS-2326A	STD GMC: 2
MS-2248P	STD FREIGHTLINER: 1 Contents: (6)MB-3826P	MS-2285A-.25mm	DODGE: 79 Contents: (5)MB-3922A	MS-2327A	STD GMC: 216 Contents: (4)MB-3774A (1)MB-3775A(F)
MS-2249A	STD GMC: 46, 47	MS-2286A-.25mm	DODGE: 61, 62; JEEP: 14 Contents: (4)MB-3922A	MS-2328P	STD DODGE: 71, 72, 73, 74, 75 Contents: (1)MB-3109P(F) (6)MB-3110P (6)MB-3110P
MS-2250A	STD GMC: 50, 51, 52	MS-2292A	STD FORD: 115, 116, 117 Contents: (4)MB-3931A (1)MB-3932A(F) (1)MB-3932W	MS-2334A	STD FORD: 153 Contents: (1)MB4015AL (5)MB4015AU
MS-2258A	STD SUBARU: 5, 7, 9, 10	MS-2294P	STD GMC: 177, 178, 206, 207 Contents: (1)MB-3592P(F) (4)MB-3938P	MS-2335A	STD ACURA: 14; HONDA: 38, 39, 41, 45 Contents: (1)MB3923A
MS-2259A	STD FORD: 100, 101, 102, 104, 106, 108 Contents: (1)MB-3139W (4)MB-3841A (1)MB-3842A(F)	MS-2295P	STD FORD: 123	MS-2336A	STD TOYOTA: 39
MS-2261P	STD CHRYSLER: 20; MITSUBISHI: 13, 21, 22 Contents: (5)MB-3504P	MS-2296A	STD DODGE: 91, 108, 109 Contents: (5)MB-3940A	MS-2343P	STD NISSAN: 45
MS-2262P	STD INFINITI: 4, 6; NISSAN: 39, 40, 41, 42 Contents: (1)MB-3891P	MS-2298A	STD TOYOTA: 59 Contents: (2)MB-3910A (2)MB-3911A	MS-2344A	STD FORD: 145
MS-2263A	STD NISSAN: 30, 31	MS-2299A	STD CHRYSLER: 21, 22; DODGE: 17, 25; JEEP: 1, 4, 5; MITSUBISHI: 16, 26 Contents: (5)MB-3946A	MS-2350A	STD FORD: 153
MS-2266A	STD ACURA: 1; HONDA: 3 Contents: (1)MB-3896AL	MS-2300P	STD INFINITI: 10; NISSAN: 46 Contents: (5)MB-3919P (1)MB-3920W	MS-2351A	STD CHRYSLER: 48, 50; DODGE: 53, 54; JEEP: 12
MS-2267A	STD GMC: 11; TOYOTA: 14	MS-2301A	STD NISSAN: 18, 19, 22 Contents: (5)MB-3955A	MS-2355A	STD ACURA: 7, 11; HONDA: 33, 34, 36 Contents: (1)MB4045A
MS-2268A	STD SCION: 1; TOYOTA: 7	MS-2302A	STD FORD: 62, 63, 65; MAZDA: 37 Contents: (4)MB-3947A	MS-2356A	STD HONDA: 21 Contents: (1)MB4046A
MS-2269P	STD FORD: 151 Contents: (4)MB-3874P (1)MB-3875P(F)	MS-2302A-.25mm	FORD: 61; MAZDA: 38	MS-2357A	STD LEXUS: 3, 6, 9, 10; TOYOTA: 50, 55 Contents: (1)MB4047A
MS-2273A	STD GMC: 55, 57, 67, 68, 69, 70, 73; ISUZU: 13, 14; JEEP: 11 Contents: (1)MB-3511A (1)MB-3512A (1)MB-3881A(F)	MS-2303A	STD DODGE: 68 Contents: (4)MB-3945A	MS-2358A	STD ACURA: 13; HONDA: 38 Contents: (1)MB4048A
MS-2274A	STD GMC: 70, 71 Contents: (1)MB-3511A (1)MB-3512A (1)MB-3881A(F) (1)MB-3883P	MS-2314A	STD FORD: 4, 6, 7 Contents: (5)MB-7004A	MS-2361A	STD LEXUS: 1; SCION: 2; TOYOTA: 16 Contents: (1)MB4052A
MS-2275A	STD GMC: 72 Contents: (1)MB-3881A(F) (1)MB-3883P (1)MB-3884A (1)MB-3885A	MS-2316A	STD NISSAN: 7 Contents: (5)MB-7005A	MS-2365A	STD LEXUS: 13, 15, 16; TOYOTA: 64, 68 Contents: (1)MB4053A (1)MB4056A
MS-2276A	STD GMC: 54, 75, 117; SAAB: 4 Contents: (3)MB-3886A (1)MB-3887A(F)	MS-2322AL25mm	CHRYSLER: 4, 5, 13, 15; DODGE: 4, 5, 10, 11, 14, 16; HYUNDAI: 6, 8; KIA MOTORS: 5; MITSUBISHI: 3, 4, 7, 9	MS-2366A-10	STD GMC: 120, 121, 133, 135, 136, 155, 160, 168, 170, 176, 177; ISUZU: 20; SAAB: 6, 7 Contents: (1)MB4031A10 (1)MB4032AF10
MS-2279A	STD CHRYSLER: 25, 26; DODGE: 27, 28; JEEP: 7 Contents: (4)MB-3594A (1)MB-3907A(F)	MS-2324P	STD CHRYSLER: 86, 87, 89, 91, 92, 93, 94; DODGE: 106, 107, 110 Contents: (4)MB-2219P (1)MB-2495P(F)	MS-429P	STD CHECKER: 5, 8, 10; GMC: 115, 125, 126, 140 Contents: (1)MB-1769P(F) (4)MB-3135P
				MS-445P-10	STD FORD: 124, 125, 126, 139, 140, 146, 147, 148, 149, 152, 154, 155



NUMERICAL LISTING OF MAIN BEARING SETS



PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
MS-483G	STD GMC: 137, 138, 149, 152, 153, 154, 187, 188, 191, 192, 196 Contents: (3)MB-1889G (1)MB-1890G(F) (1)MB-1891P	MS-697P	STD GMC: 141, 142 Contents: (1)MB-2252P(F) (1)MB-2253P (3)MB-2365P	MS-909P	STD AM General: 1; CHECKER: 4, 6, 9, 10; GMC: 113, 114, 126, 127, 128, 130, 131, 139, 140, 149, 152, 154, 156, 157, 158, 160 Contents: (4)MB-2508P (4)MB-2508P (1)MB-2509P(F)
MS-496P	STD GMC: 137, 138, 147, 149, 152, 153, 154, 187, 188, 191, 192, 196 Contents: (1)MB-1891P (3)MB-1917P (1)MB-1918P(F)	MS-704P	STD AMERICAN MOTORS: 3, 5, 7; JEEP: 19, 20 Contents: (1)MB-2263P (1)MB-2264P(F) (1)MB3974PU	MS-943A	STD VW: 1, 6, 8 Contents: (1)MB-64A (1)MB-65P (1)MB-66A (1)MB-67A
MS-518G	STD FORD: 40, 44, 45, 59 Contents: (3)MB-2002G (1)MB-2003G(F)	MS-765P-10	STD FORD: 78, 87, 89	MS-960P	STD GMC: 58, 59, 62, 65, 66, 76, 77, 80, 84, 94; JEEP: 13 Contents: (2)MB-2433P (1)MB-2434P(F) (1)MB-2491P
MS-525P-10	STD FORD: 67, 68, 69, 84	MS-771G	STD FORD: 57, 59, 60 Contents: (6)MB-2002G (1)MB-2003G(F)	MS-961P	STD GMC: 123 Contents: (3)MB-2433P (1)MB-2434P(F) (1)MB-2491P
MS-540P	STD CHRYSLER: 63, 66, 67, 68, 69; DODGE: 77, 78, 81, 82, 83, 88; FARGO: 2 Contents: (3)MB-2035P (1)MB-2036P(F) (1)MB-2559P	MS-804P	STD GMC: 161, 163, 184, 185, 214 Contents: (2)MB-2163P (1)MB-2362P (1)MB-2363P(F) (1)MB-2364P	MS-963P	STD CHRYSLER: 61; DODGE: 88 Contents: (1)MB-2036P(F) (3)MB-2283P (1)MB-2559P
MS-558P	STD GMC: 108 Contents: (1)MB-2075P(F) (4)MB-3135P	MS-805P	STD GMC: 111, 112, 129, 141, 142, 148, 150, 151, 158, 161, 164, 165, 166 Contents: (2)MB-2251P (1)MB-2252P(F) (1)MB-2253P (1)MB-2365P	MS-970AL	STD GMC: 173, 217 Contents: (2)MB-2536AL (1)MB-2537AL(F) (1)MB-2538AL
MS-590A	STD FORD: 91, 95, 97, 109, 110, 112 Contents: (4)MB-2121A (1)MB-2122A(F)	MS-822A	STD VW: 1, 6, 8 Contents: (1)MB-2391A(F) (1)MB-2392P (1)MB-2393A (1)MB-2394A	MS-979A	STD FORD: 76, 77, 78, 83, 85, 87, 88, 89 Contents: (6)MB-2553A (1)MB-2554A(F)
MS-590P	STD FORD: 91, 95, 97, 109, 110, 112 Contents: (4)MB-2121P (1)MB-2122P(F)	MS-829A	STD GMC: 182, 183, 202, 210, 211, 212 Contents: (4)MB-2403A (1)MB-2404A(F)	MS-979P	STD FORD: 76, 77, 78, 83, 85, 87, 88, 89 Contents: (6)MB-2553P (1)MB-2554P(F)
MS-617A	STD CHECKER: 2; GMC: 61, 79, 90, 91, 93, 94, 103, 104, 105, 106 Contents: (1)MB-2588A(F) (6)MB-3135A	MS-829P	STD GMC: 182, 183, 202, 210, 211, 212 Contents: (4)MB-2403P (1)MB-2404P(F)	MS-979P-10	STD FORD: 86
MS-617A-10	STD GMC: 92, 153, 154, 188	MS-863P	STD FORD: 138, 141, 142, 147, 148, 150, 154, 156, 157 Contents: (4)MB-2441P (1)MB-2442P(F)	MS-981A	STD FORD: 128, 129, 131, 133, 134, 135, 136, 137 Contents: (4)MB-2557A (1)MB-2558A(F)
MS-617P	STD CHECKER: 2; GMC: 61, 79, 90, 91, 92, 93, 94, 103, 104, 105, 106, 153, 154, 188 Contents: (1)MB-2588P(F) (6)MB-3135P	MS-876P	STD CHRYSLER: 80, 81, 87; DODGE: 95, 97, 101, 102, 104 Contents: (4)MB-2065P (1)MB-2456P(F)	MS-981P	STD FORD: 128, 129, 131, 133, 134, 135, 136, 137 Contents: (4)MB-2557P (1)MB-2558P(F)
MS-667P	STD GMC: 205, 213 Contents: (3)MB-2215P (1)MB-2216P(F) (1)MB-2217P	MS-908P	STD GMC: 186, 209, 214 Contents: (3)MB-2505P (1)MB-2506P(F) (1)MB-2507P		
MS-685C-60	STD FORD: 147, 148, 149, 150	MS-909A	STD AM General: 1; CHECKER: 4, 6, 9, 10; GMC: 113, 114, 126, 127, 128, 130, 131, 139, 140, 149, 152, 154, 156, 157, 158, 160 Contents: (4)MB-2508A (1)MB-2509A(F)		
MS-685P	STD FORD: 138, 142, 147, 148, 149, 150, 154, 155, 157 Contents: (1)MB-2235P(F) (4)MB-2441P				



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PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN
MB-1183P(F)	STD		MB-2217P	STD	
FORD: 92, 93, 94, 96		MS-109P	GMC: 205, 213		MS-667P
MB-1269A	STD		MB-2219P	STD	
NISSAN: 4		MS-1329A	CHRYSLER: 86, 87, 89, 91, 92, 93, 94; DODGE: 106, 107, 110		MS-2324P
MB-1717P	STD		MB-2235P(F)	STD	
FORD: 118, 119, 120		MS-195P-10	FORD: 138, 142, 147, 148, 149, 150, 154, 155, 157		MS-685P
MB-1718P(F)	STD		MB2243A	STD	
FORD: 118, 119, 120		MS-195P-10	GMC: 37; LEXUS: 4; TOYOTA: 34		MS-2243A
MB-1769P(F)	STD		MB-2251P	STD	
CHECKER: 5, 8, 10; GMC: 115, 125, 126, 140		MS-429P	GMC: 111, 112, 129, 141, 142, 148, 150, 151, 158, 161, 164, 165, 166		MS-805P
MB1802A	STD		MB-2252P(F)	STD	
FORD: 3, 11, 12; KIA MOTORS: 1; MAZDA: 3, 5, 7		MS-1802A	GMC: 111, 112, 129, 141, 142, 148, 150, 151, 158, 161, 164, 165, 166		MS-697P MS-805P
MB-1889G	STD		MB-2253P	STD	
GMC: 137, 138, 149, 152, 153, 154, 187, 188, 191, 192, 196		MS-483G	GMC: 111, 112, 129, 141, 142, 148, 150, 151, 158, 161, 164, 165, 166		MS-697P MS-805P
MB-1890G(F)	STD		MB-2263P	STD	
GMC: 137, 138, 149, 152, 153, 154, 187, 188, 191, 192, 196		MS-483G	AMERICAN MOTORS: 1, 3, 5, 7; CHRYSLER: 27; JEEP: 9, 19, 20		MS-1568P MS-704P
MB-1891P	STD		MB-2264P(F)	STD	
GMC: 137, 138, 147, 149, 152, 153, 154, 187, 188, 191, 192, 196		MS-483G MS-496P	AMERICAN MOTORS: 1, 3, 5, 7; CHRYSLER: 27; JEEP: 9, 19, 20		MS-1568P MS-704P
MB-1917P	STD		MB-2283A	STD	
GMC: 137, 138, 147, 149, 152, 153, 154, 187, 188, 191, 192, 196		MS-496P	CHRYSLER: 68, 72; DODGE: 82, 84, 85, 86, 87		MS-1344A
MB-1918P(F)	STD		MB-2283P	STD	
GMC: 137, 138, 147, 149, 152, 153, 154, 187, 188, 191, 192, 196		MS-496P	CHRYSLER: 61, 68, 72; DODGE: 82, 84, 85, 86, 87, 88		MS-1344P MS-963P
MB-2002G	STD		MB-2350A	STD	
FORD: 40, 44, 45, 57, 59, 60		MS-518G MS-771G	FORD: 43, 45, 46, 48		MS-1983A
MB-2003G(F)	STD		MB-2362P	STD	
FORD: 40, 44, 45, 57, 59, 60		MS-518G MS-771G	GMC: 161, 163, 184, 185, 214		MS-804P
MB-2035P	STD		MB-2363P(F)	STD	
CHRYSLER: 63, 66, 67, 68, 69; DODGE: 77, 78, 81, 82, 83, 88; FARGO: 2		MS-540P	GMC: 161, 163, 184, 185, 214		MS-804P
MB-2036P(F)	STD		MB-2364P	STD	
CHRYSLER: 61, 63, 66, 67, 68, 69; DODGE: 77, 78, 81, 82, 83, 88; FARGO: 2		MS-540P MS-963P	GMC: 161, 163, 184, 185, 214		MS-804P
MB-2065P	STD		MB-2365P	STD	
CHRYSLER: 80, 81, 87; DODGE: 95, 97, 101, 102, 104		MS-876P	GMC: 111, 112, 129, 141, 142, 148, 150, 151, 158, 161, 164, 165, 166		MS-697P MS-805P
MB-2067P	STD		MB-2391A(F)	STD	
CHRYSLER: 89, 90, 91, 92, 93, 94; DODGE: 110, 111		MS-1277P	VW: 1, 6, 8		MS-822A
MB-2075P(F)	STD		MB-2392P	STD	
GMC: 108		MS-558P	VW: 1, 6, 8		MS-822A
MB-2121A	STD		MB-2393A	STD	
FORD: 91, 95, 97, 109, 110, 112		MS-590A	VW: 1, 6, 8		MS-822A
MB-2121P	STD		MB-2394A	STD	
FORD: 91, 95, 97, 109, 110, 112		MS-590P	VW: 1, 6, 8		MS-822A
MB-2122A(F)	STD		MB-2403A	STD	
FORD: 91, 95, 97, 109, 110, 112		MS-590A	GMC: 182, 183, 202, 210, 211, 212		MS-829A
MB-2122P(F)	STD		MB-2403P	STD	
FORD: 91, 95, 97, 109, 110, 112		MS-590P	GMC: 182, 183, 202, 210, 211, 212		MS-829P
MB-2163P	STD		MB-2404A(F)	STD	
GMC: 161, 163, 184, 185, 214		MS-804P	GMC: 182, 183, 202, 210, 211, 212		MS-829A
MB-2215P	STD		MB-2404P(F)	STD	
GMC: 205, 213		MS-667P	GMC: 182, 183, 202, 210, 211, 212		MS-829P
MB-2216P(F)	STD		MB-2433P	STD	
GMC: 205, 213		MS-667P	GMC: 58, 59, 62, 65, 66, 76, 77, 80, 84, 94, 123; JEEP: 13		MS-960P MS-961P



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PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN
MB-2434P(F)	STD		MB-2557A	STD	
GMC: 58, 59, 62, 65, 66, 76, 77, 80, 84, 94, 123; JEEP: 13		MS-960P MS-961P	FORD: 128, 129, 131, 133, 134, 135, 136, 137		MS-981A
MB-2441P	STD		MB-2557P	STD	
FORD: 138, 141, 142, 147, 148, 149, 150, 154, 155, 156, 157		MS-685P MS-863P	FORD: 128, 129, 131, 133, 134, 135, 136, 137		MS-981P
MB-2442P(F)	STD		MB-2558A(F)	STD	
FORD: 138, 141, 142, 147, 148, 150, 154, 156, 157		MS-863P	FORD: 128, 129, 131, 133, 134, 135, 136, 137		MS-1432A MS-981A
MB-2456P(F)	STD		MB-2558P(F)	STD	
CHRYSLER: 80, 81, 87; DODGE: 95, 97, 101, 102, 104		MS-876P	FORD: 128, 129, 131, 133, 134, 135, 136, 137		MS-1432P MS-981P
MB-2491P	STD		MB-2559A	STD	
GMC: 58, 59, 62, 65, 66, 76, 77, 80, 84, 94, 123; JEEP: 13		MS-960P MS-961P	CHRYSLER: 68, 72; DODGE: 82, 84, 85, 86, 87		MS-1344A
MB-2495P(F)	STD		MB-2559P	STD	
CHRYSLER: 86, 87, 89, 91, 92, 93, 94; DODGE: 106, 107, 110		MS-2324P	CHRYSLER: 61, 63, 66, 67, 68, 69, 72; DODGE: 77, 78, 81, 82, 83, 84, 85, 86, 87, 88; FARGO: 2		MS-1344P MS-540P MS-963P
MB-2505P	STD		MB-2560P	STD	
GMC: 186, 209, 214		MS-908P	FORD: 127		MS-1010P
MB-2506P(F)	STD		MB-2561P(F)	STD	
GMC: 186, 209, 214		MS-908P	FORD: 127		MS-1010P
MB-2507P	STD		MB-2562P	STD	
GMC: 186, 209, 214		MS-908P	GMC: 187, 189, 190, 191, 192, 193, 194, 195, 196, 198, 199		MS-1038P
MB-2508A	STD		MB-2563P(F)	STD	
AM General: 1; CHECKER: 1, 4, 6, 9, 10; GMC: 64, 78, 97, 98, 99, 100, 101, 113, 114, 126, 127, 128, 130, 131, 139, 140, 149, 152, 154, 156, 157, 158, 160; ISUZU: 17, 18		MS-1454A MS-909A	GMC: 187, 189, 190, 191, 192, 193, 194, 195, 196, 198, 199		MS-1038P
MB-2508P	STD		MB-2564P	STD	
AM General: 1; CHECKER: 1, 4, 6, 9, 10; GMC: 64, 78, 97, 98, 99, 100, 101, 113, 114, 126, 127, 128, 130, 131, 139, 140, 149, 151, 152, 154, 156, 157, 158, 159, 160; ISUZU: 17, 18		MS-1454P MS-1744P-10 MS-2215P-10 MS-909P	FORD: 159, 160		MS-1039P
MB-2508P	STD		MB-2565P(F)	STD	
AM General: 1; CHECKER: 1, 4, 6, 9, 10; GMC: 64, 78, 97, 98, 99, 100, 101, 113, 114, 126, 127, 128, 130, 131, 139, 140, 149, 151, 152, 154, 156, 157, 158, 159, 160; ISUZU: 17, 18		MS-1454P MS-1744P-10 MS-2215P-10 MS-909P	FORD: 159, 160		MS-1039P
MB-2509A(F)	STD		MB-2578P(F)	STD	
AM General: 1; CHECKER: 1, 4, 6, 9, 10; GMC: 64, 78, 97, 98, 99, 100, 101, 113, 114, 126, 127, 128, 130, 131, 139, 140, 149, 152, 154, 156, 157, 158, 160; ISUZU: 17, 18		MS-1454A MS-909A	AMERICAN MOTORS: 8, 9, 10, 11, 12		MS-1041P
MB-2509P(F)	STD		MB-2579P	STD	
AM General: 1; CHECKER: 1, 4, 6, 9, 10; GMC: 64, 78, 97, 98, 99, 100, 101, 113, 114, 126, 127, 128, 130, 131, 139, 140, 149, 152, 154, 156, 157, 158, 160; ISUZU: 17, 18		MS-1454P MS-909P	AMERICAN MOTORS: 8, 9, 10, 11, 12		MS-1041P
MB-2536AL	STD		MB-2579P	STD	
GMC: 173, 217		MS-970AL	AMERICAN MOTORS: 8, 9, 10, 11, 12		MS-1041P
MB-2537AL(F)	STD		MB-2588A(F)	STD	
GMC: 173, 217		MS-970AL	AMERICAN MOTORS: 2; CHECKER: 2, 3; GMC: 42, 43, 44, 45, 61, 79, 90, 91, 94, 103, 104, 105, 106; JEEP: 10		MS-1733A MS-617A
MB-2538AL	STD		MB-2588P(F)	STD	
GMC: 173, 217		MS-970AL	AMERICAN MOTORS: 2; CHECKER: 2, 3; GMC: 42, 43, 44, 45, 61, 79, 90, 91, 92, 94, 103, 104, 105, 106, 153, 154, 188; JEEP: 10		MS-1733P MS-617P
MB-2553A	STD		MB-2590A	STD	
FORD: 76, 77, 78, 83, 85, 87, 88, 89		MS-979A	CHRYSLER: 84; DODGE: 97, 102, 103		MS-1051A
MB-2553P	STD		MB-2590P	STD	
FORD: 76, 77, 78, 83, 85, 87, 88, 89		MS-979P	CHRYSLER: 84; DODGE: 97, 102, 103		MS-1051P
MB-2554A(F)	STD		MB-2591A(F)	STD	
FORD: 76, 77, 78, 83, 85, 87, 88, 89		MS-979A	CHRYSLER: 84; DODGE: 97, 102, 103		MS-1051A
MB-2554P(F)	STD		MB-2591P(F)	STD	
FORD: 76, 77, 78, 83, 85, 87, 88, 89		MS-979P	CHRYSLER: 84; DODGE: 97, 102, 103		MS-1051P
			MB-2592A	STD	
			CHRYSLER: 84; DODGE: 97, 102, 103		MS-1051A
			MB-2592P	STD	
			CHRYSLER: 84; DODGE: 97, 102, 103		MS-1051P
			MB-2612A	STD	
			FORD: 22, 28, 33		MS-1117A
			MB-2612P	STD	
			FORD: 22, 28, 33		MS-1117P



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PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN
MB-2613A(F)	STD		MB-2748G	STD	
FORD: 22, 28, 33		MS-1117A	TOYOTA: 57, 61, 62		MS-1429G MS-1777P
MB-2613P(F)	STD		MB-2749G(F)	STD	
FORD: 22, 28, 33		MS-1117P	TOYOTA: 61, 62		MS-1429G
MB-2620A(F)	STD		MB-2750G	STD	
CHRYSLER: 68, 72; DODGE: 82, 84, 85, 86, 87		MS-1344A	TOYOTA: 61, 62		MS-1429G
MB-2620P(F)	STD		MB-2754A	STD	
CHRYSLER: 68, 72; DODGE: 82, 84, 85, 86, 87		MS-1344P	FORD: 129, 131, 134, 135, 136, 137		MS-1432A
MB-2622A	STD		MB-2754P	STD	
CHRYSLER: 83, 84; DODGE: 98, 99, 100, 102, 103		MS-1266A	FORD: 129, 131, 134, 135, 136, 137		MS-1432P
MB-2622P	STD		MB-2791A	STD	
CHRYSLER: 83, 84; DODGE: 98, 99, 100, 102, 103		MS-1266P	GMC: 15, 19, 21		MS-2068A
MB-2623A(F)	STD		MB-2791P	STD	
CHRYSLER: 83, 84; DODGE: 98, 99, 100, 102, 103		MS-1266A	GMC: 15, 19, 21		MS-2068P
MB-2623P(F)	STD		MB-2854A	STD	
CHRYSLER: 83, 84; DODGE: 98, 99, 100, 102, 103		MS-1266P	GMC: 18, 20, 21, 27, 28, 29; ISUZU: 5		MS-1704A MS-2205A
MB-2624A	STD		MB-2863A	STD	
CHRYSLER: 83, 84; DODGE: 98, 99, 100, 102, 103		MS-1266A	CHRYSLER: 18, 28; DODGE: 19, 29		MS-1533A
MB2624P	STD		MB-2863P	STD	
CHRYSLER: 83, 84; DODGE: 98, 99, 100, 102, 103		MS-1266P	CHRYSLER: 18, 28; DODGE: 19, 29		MS-1533P
MB-2625P(F)	STD		MB-2864A(F)	STD	
CHRYSLER: 89, 90, 91, 92, 93, 94; DODGE: 110, 111		MS-1277P	CHRYSLER: 18, 28; DODGE: 19, 29		MS-1533A
MB2661AL	STD		MB-2864P(F)	STD	
AUDI: 6, 7, 8; VW: 19, 20		MS-1434A	CHRYSLER: 18, 28; DODGE: 19, 29		MS-1533P
MB2661AU	STD		MB-2865P	STD	
AUDI: 6, 7, 8; VW: 19, 20		MS-1434A	FORD: 10, 11		MS-1557P
MB-2692AL	STD		MB-2866P(F)	STD	
FORD: 30, 31, 32, 37		MS-1629A	FORD: 10, 11		MS-1557P
MB-2693AL(F)	STD		MB-2869A	STD	
FORD: 30, 31, 32, 37		MS-1629A	CHRYSLER: 4, 5, 6, 8; DODGE: 4, 5, 7, 10, 11, 14, 16, 22; HYUNDAI: 6, 8; KIA MOTORS: 5; MITSUBISHI: 3, 4, 5, 7, 9, 11		MS-2076A
MB-2719A	STD		MB-2879P	STD	
VW: 1, 6, 8		MS-1416A	NISSAN: 17		MS-1565P
MB-2720P	STD		MB-2880P(F)	STD	
VW: 1, 6, 8		MS-1416A	NISSAN: 17		MS-1565P
MB-2721A	STD		MB-2883A(F)	STD	
VW: 1, 6, 8		MS-1416A	GMC: 18, 20, 21, 27, 28, 29; ISUZU: 5		MS-1704A MS-2205A
MB-2722A	STD		MB-2885A	STD	
VW: 1, 6, 8		MS-1416A	NISSAN: 20		MS-2042A
MB-2723A	STD		MB-2885P	STD	
VW: 1, 6, 8		MS-1417A	NISSAN: 20		MS-2042P
MB-2724P	STD		MB-2886A	STD	
VW: 1, 6, 8		MS-1417A	NISSAN: 20		MS-2042A
MB-2725A	STD		MB-2886P	STD	
VW: 1, 6, 8		MS-1417A	NISSAN: 20		MS-2042P
MB-2726A	STD		MB-2888A	STD	
VW: 1, 6, 8		MS-1417A	NISSAN: 20		MS-2042A
MB-2731AL	STD		MB-2888P	STD	
CHRYSLER: 52, 53, 55; DODGE: 55, 56, 57, 58, 59, 60, 63		MS-1419AL-20	NISSAN: 20		MS-2042P
MB-2732AL(F)	STD		MB-2925A	STD	
CHRYSLER: 52, 53, 55; DODGE: 55, 56, 57, 58, 59, 60, 63		MS-1419AL-20	TOYOTA: 31, 32, 33		MS-1590A
MB-2746P	STD		MB-2925P	STD	
TOYOTA: 28, 31		MS-1428P	TOYOTA: 31, 32, 33		MS-1590P
MB-2747G	STD		MB-2931A	STD	
TOYOTA: 57, 61, 62		MS-1429G MS-1777P	NISSAN: 5, 6, 7, 8		MS-1595A



NUMERICAL LISTING OF INDIVIDUAL MAIN BEARINGS



PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN
MB-2932A	STD		MB-3135P	STD	
NISSAN: 5, 6, 7, 8		MS-1595A	AMERICAN MOTORS: 2; CHECKER: 2, 3, 5, 8, 10;		MS-1643P
MB-2966P	STD		GMC: 41, 42, 43, 44, 45, 61, 79, 90, 91, 92, 94, 103,		MS-1733P
HONDA: 19		MS-1618P	104, 105, 106, 108, 115, 125, 126, 140, 153, 154, 188;		MS-429P
MB-2986AL	STD		JEEP: 10		MS-558P
FORD: 30, 31, 32, 37		MS-1629A			MS-617P
MB-2995P	STD		MB-3137A	STD	
INFINITI: 5; NISSAN: 37		MS-2074P-.25mm	FORD: 28, 33, 38; MAZDA: 14, 20, 26, 27, 28		MS-1743A
MB-2996P	STD		MB-3137P	STD	
INFINITI: 5; NISSAN: 37		MS-2074P-.25mm	FORD: 28, 33, 38; MAZDA: 14, 20, 26, 27, 28		MS-1743P
MB-2999P	STD		MB-3139A	STD	
MAZDA: 11		MS-2046P	FORD: 99, 100, 101, 102, 103, 104, 121, 122, 164,		MS-2007A
MB-3011P(F)	STD		165, 166		MS-2202A
GMC: 41, 43, 44		MS-1643P			MS-2203A
MB-3049P	STD		MB-3139P	STD	MS-2204A
CHRYSLER: 1; DODGE: 1, 2, 3; HYUNDAI: 1, 3;		MS-1668P	FORD: 99, 100, 101, 102, 104, 121, 122		MS-2007P
MITSUBISHI: 1, 2					MS-2202P
MB-3050P(F)	STD		MB-3139W	STD	
CHRYSLER: 1; DODGE: 1, 2, 3; HYUNDAI: 1, 3;		MS-1668P	FORD: 99, 100, 101, 102, 103, 104, 106, 108, 121,		MS-2007A
MITSUBISHI: 1, 2			122, 164, 165, 166		MS-2007P
MB-3053AL	STD				MS-2202A
CHRYSLER: 10, 12, 29, 30; DODGE: 11, 12, 31, 32;		MS-1945A			MS-2202P
MAZDA: 22; MITSUBISHI: 27, 28, 29					MS-2203A
MB-3061A	STD		MB-3140A(F)	STD	MS-2204A
ISUZU: 3, 4		MS-1775A	FORD: 101, 102, 104		MS-2259A
MB-3073A	STD		MB-3140P(F)	STD	
FORD: 14, 15, 16		MS-1706A	FORD: 101, 102, 104		MS-2007A
MB-3073P	STD		MB-3176A	STD	
FORD: 14, 15, 16		MS-1706P	ACURA: 2, 3, 9; HONDA: 14, 15, 16, 17, 18, 22, 29,		MS-1804A
MB-3074A(F)	STD		30; ISUZU: 7		
FORD: 14, 15, 16		MS-1706A	MB-3176P	STD	
MB-3074P(F)	STD		ACURA: 2, 3, 9; HONDA: 14, 15, 16, 17, 18, 22, 29,		MS-1804P
FORD: 14, 15, 16		MS-1706P	30; ISUZU: 7		
MB-3093A	STD		MB-3178AL	STD	
FORD: 51, 52, 53; MAZDA: 35		MS-1702A	HONDA: 4, 5, 6, 7, 8, 9, 10		MS-1806AL
MB-3094A(F)	STD		MB-3187A	STD	
FORD: 51, 52, 53; MAZDA: 35		MS-1702A	FORD: 70, 71, 72, 73, 74, 75		MS-1812A
MB-3095A	STD		MB-3187P	STD	
FORD: 51, 52, 53; MAZDA: 35		MS-1702A	FORD: 70, 71, 72, 73, 74, 75		MS-1812P
MB-3107A(F)	STD		MB-3188A(F)	STD	
CHRYSLER: 57; DODGE: 45, 65; JEEP: 17; VW: 25		MS-1946A	FORD: 70, 71, 72, 73, 74, 75		MS-1812A
MB-3107P(F)	STD		MB-3188P(F)	STD	
CHRYSLER: 57; DODGE: 45, 65; JEEP: 17; VW: 25		MS-1946P	FORD: 70, 71, 72, 73, 74, 75		MS-1812P
MB-3109P(F)	STD		MB-3195P	STD	
DODGE: 71, 72, 73, 74, 75		MS-2328P	TOYOTA: 57, 62		MS-1777P
MB-3110P	STD		MB-3196P	STD	
DODGE: 71, 72, 73, 74, 75		MS-2328P	TOYOTA: 57, 62		MS-1777P
MB-3110P	STD		MB-3198P	STD	
DODGE: 71, 72, 73, 74, 75		MS-2328P	TOYOTA: 44, 46, 47		MS-1774P
MB-3119P(F)	STD		MB-3199P	STD	
AM General: 1; CHECKER: 4, 6; GMC: 64, 78, 99,		MS-1744P-10	TOYOTA: 44, 46, 47		MS-1774P
100, 126, 127, 128, 131, 139, 140, 151, 158, 159, 160		MS-2215P-10	MB-3202A	STD	
MB-3130A(F)	STD		FORD: 48, 80, 82; MAZDA: 39, 40		MS-2006A
FORD: 28, 33, 38; MAZDA: 14, 20, 26, 27, 28		MS-1743A	MB-3207AL	STD	
MB-3130P(F)	STD		TOYOTA: 24		MS-1715AL
FORD: 28, 33, 38; MAZDA: 14, 20, 26, 27, 28		MS-1743P	MB-3213A	STD	
MB-3135A	STD		GMC: 81, 82, 83, 85, 86, 87		MS-2022A
AMERICAN MOTORS: 2; CHECKER: 2, 3; GMC: 42,		MS-1733A			
43, 44, 45, 61, 79, 90, 91, 94, 103, 104, 105, 106;		MS-617A			
JEEP: 10					



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PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN
MB-3213P	STD		MB-3478A	STD	
GMC: 65, 81, 82, 83, 85, 86, 87		MS-1822P MS-2022P	INFINITI: 1; NISSAN: 23, 24, 25		MS-2015A
MB-3214A(F)	STD		MB-3494A	STD	
GMC: 81, 82, 83, 85, 86, 87		MS-2022A	GMC: 81, 82, 83, 85, 86, 87		MS-2022A
MB-3214P(F)	STD		MB-3494P	STD	
GMC: 65, 81, 82, 83, 85, 86, 87		MS-1822P MS-2022P	GMC: 81, 82, 83, 85, 86, 87		MS-2022P
MB-3215P	STD		MB-3495A	STD	
GMC: 65, 85, 87		MS-1822P	GMC: 81, 82, 83, 85, 86, 87		MS-2022A
MB-3337A	STD		MB-3495P	STD	
DODGE: 30; JEEP: 8, 21		MS-1947A MS-1948A	GMC: 81, 82, 83, 85, 86, 87		MS-2022P
MB-3337P	STD		MB-3497P	STD	
DODGE: 30; JEEP: 8, 21		MS-1947P MS-1948P	FORD: 162		MS-2034P
MB-3338A(F)	STD		MB-3498P(F)	STD	
DODGE: 30; JEEP: 8, 21		MS-1947A MS-1948A	FORD: 162		MS-2034P
MB-3338P(F)	STD		MB-3504P	STD	
DODGE: 30; JEEP: 8, 21		MS-1947P MS-1948P	CHRYSLER: 16, 19; DODGE: 21, 22, 23; HYUNDAI: 7; MITSUBISHI: 10, 11, 12, 13, 20, 21, 22, 23		MS-2039P MS-2261P
MB-3340A	STD		MB-3505P(F)	STD	
CHRYSLER: 57; DODGE: 45, 65; JEEP: 17; VW: 25		MS-1946A	CHRYSLER: 16, 19; DODGE: 21, 22; HYUNDAI: 7; MITSUBISHI: 10, 11, 12, 20, 22, 23		MS-2039P
MB-3340P	STD		MB-3511A	STD	
CHRYSLER: 57; DODGE: 45, 65; JEEP: 17; VW: 25		MS-1946P	GMC: 55, 57, 67, 68, 69, 70, 71, 73; ISUZU: 13, 14; JEEP: 11		MS-2273A MS-2274A
MB-3341A	STD		MB-3512A	STD	
NISSAN: 27, 28		MS-1949A	GMC: 55, 57, 67, 68, 69, 70, 71, 73; ISUZU: 13, 14; JEEP: 11		MS-2273A MS-2274A
MB-3342A(F)	STD		MB-3514A	STD	
NISSAN: 27, 28		MS-1949A	GMC: 39, 40		MS-2056A
MB-3344A	STD		MB-3515A(F)	STD	
FORD: 50; INFINITI: 3; NISSAN: 38		MS-1951A	GMC: 39, 40		MS-2056A
MB-3344P	STD		MB-3519A(F)	STD	
FORD: 50; INFINITI: 3; NISSAN: 38		MS-1951P	NISSAN: 20		MS-2042A
MB-3345A	STD		MB-3519P(F)	STD	
FORD: 50; INFINITI: 3; NISSAN: 38		MS-1951A	NISSAN: 20		MS-2042P
MB-3345P	STD		MB-3523P(F)	STD	
FORD: 50; INFINITI: 3; NISSAN: 38		MS-1951P	MAZDA: 11		MS-2046P
MB-3346A(F)	STD		MB-352P	STD	
FORD: 50; INFINITI: 3; NISSAN: 38		MS-1951A	FORD: 92, 93, 94, 96		MS-109P
MB-3346P(F)	STD		MB-352P	STD	
FORD: 50; NISSAN: 37, 38		MS-1951P	FORD: 92, 93, 94, 96		MS-109P
MB-3350A	STD		MB-3545AL	STD	
TOYOTA: 45		MS-2011A	FORD: 41; MAZDA: 25, 27, 28		MS-2058AL
MB-3350P	STD		MB-3546AL	STD	
TOYOTA: 45		MS-2011P	FORD: 41; MAZDA: 25, 27, 28		MS-2058AL
MB-3416A(F)	STD		MB-3547P	STD	
FORD: 43, 45, 46, 48		MS-1983A	INFINITI: 7		MS-2060P
MB-3459P	STD		MB-3548P	STD	
SUBARU: 1		MS-2003P	INFINITI: 7		MS-2060P
MB-3460P(F)	STD		MB-3549P	STD	
SUBARU: 1		MS-2003P	INFINITI: 7		MS-2060P
MB-3467A(F)	STD		MB-3565A(F)	STD	
FORD: 48, 80, 82; MAZDA: 39, 40		MS-2006A	GMC: 15, 19, 21		MS-2068A
MB-3472A	STD		MB-3565P(F)	STD	
TOYOTA: 45		MS-2011A	GMC: 15, 19, 21		MS-2068P
MB-3472P	STD		MB-3568A(F)	STD	
TOYOTA: 45		MS-2011P	NISSAN: 5, 6, 7, 8		MS-1595A
MB-3474P	STD		MB-3570P(F)	STD	
HONDA: 27, 29; ISUZU: 6		MS-2012P	INFINITI: 5; NISSAN: 37		MS-2074P-.25mm



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PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN
MB-3572A(F)	STD		MB-3759P(F)	STD	MS-2206P
CHRYSLER: 4, 5, 6, 8; DODGE: 4, 5, 7, 10, 11, 14, 16, MS-2076A 22; HYUNDAI: 6, 8; KIA MOTORS: 5; MITSUBISHI: 3, 4, 5, 7, 9, 11			GMC: 109, 118		
MB-3587P	STD	MS-2091P	MB-3760P	STD	MS-2095P
AM General: 2; GMC: 179, 181			ACURA: 4, 5, 10; HONDA: 14, 23, 25, 34, 35		
MB-3588P(F)	STD	MS-2091P	MB-3767AL	STD	MS-2213AL
AM General: 2; GMC: 179, 181			DODGE: 9; MITSUBISHI: 8		
MB-3589P	STD	MS-2091P	MB-3771A	STD	MS-2216A
AM General: 2; GMC: 179, 181			DODGE: 79, 80; JEEP: 22; MITSUBISHI: 34		
MB-3591A	STD	MS-2199A	MB-3774A	STD	MS-2327A
GMC: 120, 121, 122, 133, 135, 136, 155, 160, 168, 169, 170, 176, 177; ISUZU: 19, 20; SAAB: 7			GMC: 216		
MB-3591P	STD	MS-2199P	MB-3775A(F)	STD	MS-2327A
GMC: 120, 121, 122, 133, 135, 136, 155, 160, 168, 169, 170, 176, 177; ISUZU: 19, 20; SAAB: 7			GMC: 216		
MB-3592A(F)	STD	MS-2199A	MB-3776P	STD	MS-2218P
GMC: 120, 121, 122, 133, 135, 136, 155, 160, 168, 169, 170, 176, 177; ISUZU: 19, 20; SAAB: 7			GMC: 201, 203, 204		
MB3592ALLSTD	STD	MS-2199A	MB-3780A	STD	MS-2220A
GMC: 120, 121, 122, 133, 135, 136, 155, 160, 168, 169, 170, 176, 177; ISUZU: 19, 20; SAAB: 7			CHRYSLER: 76, 77, 78, 79; DODGE: 89, 90, 91, 92, 93; JEEP: 25, 26		
MB3592ALUSTD	STD	MS-2199A	MB-3780P	STD	MS-2220P
GMC: 120, 121, 122, 133, 135, 136, 155, 160, 168, 169, 170, 176, 177; ISUZU: 19, 20; SAAB: 7			CHRYSLER: 76, 77, 78, 79; DODGE: 89, 90, 91, 92, 93; JEEP: 25, 26		
MB-3592P(F)	STD	MS-2199P MS-2294P	MB-3787P	STD	MS-2223P
GMC: 120, 121, 122, 133, 135, 136, 155, 160, 168, 169, 170, 176, 177, 178, 206, 207; ISUZU: 19, 20; SAAB: 7			FORD: 144		
MB-3594A	STD	MS-2279A	MB-3788P(F)	STD	MS-2223P
CHRYSLER: 25, 26; DODGE: 27, 28; JEEP: 7			FORD: 144		
MB-3594P	STD	MS-2279P	MB-3790A	STD	MS-2244A
CHRYSLER: 25, 26; DODGE: 27, 28; JEEP: 7			DODGE: 62; JEEP: 14; MITSUBISHI: 33		
MB-3596A	STD	MS-2209A	MB-3790P	STD	MS-2242P
CHRYSLER: 34; DODGE: 36, 37			DODGE: 79, 80; JEEP: 22; MITSUBISHI: 34		
MB-3596P	STD	MS-2209P	MB-3791A	STD	MS-2226A
CHRYSLER: 34; DODGE: 36, 37			CHRYSLER: 37, 38; DODGE: 43; HYUNDAI: 9; MITSUBISHI: 30, 31		
MB-3597A	STD	MS-2210A	MB-3791P	STD	MS-2226P
CHRYSLER: 41, 43, 44; DODGE: 44, 46, 47, 48, 49, 50			CHRYSLER: 37, 38; DODGE: 43; HYUNDAI: 9; MITSUBISHI: 30, 31		
MB-3597P	STD	MS-2210P	MB-3792AL	STD	MS-2227A
CHRYSLER: 41, 44; DODGE: 44, 47, 48, 50			AUDI: 5; VW: 13, 14, 16		
MB-3749A	STD	MS-2205A	MB-3793AL	STD	MS-2227A
GMC: 27, 28, 29; ISUZU: 5			AUDI: 5; VW: 13, 14, 16		
MB-3750A	STD	MS-2207A	MB-3803A	STD	MS-2234A
FORD: 42, 49; JAGUAR: 1; MAZDA: 34			HYUNDAI: 2, 4, 5		
MB-3751A(F)	STD	MS-2207A	MB-3803P	STD	MS-2234P
FORD: 42, 49; JAGUAR: 1; MAZDA: 34			HYUNDAI: 2, 4, 5		
MB-3752A	STD	MS-2202A MS-2203A	MB-3804A(F)	STD	MS-2234A
FORD: 99, 100, 101, 103, 104, 121, 122, 164, 165, 166			HYUNDAI: 2, 4, 5		
MB-3752P	STD	MS-2202P	MB-3804P(F)	STD	MS-2234P
FORD: 99, 100, 101, 104, 121, 122			HYUNDAI: 2, 4, 5		
MB-3753A	STD	MS-2208A	MB-3811P	STD	MS-2238P
FORD: 18; MAZDA: 9, 10, 31, 32			MITSUBISHI: 32		
MB-3754A(F)	STD	MS-2208A	MB-3813P	STD	MS-2239P
FORD: 18; MAZDA: 9, 10, 31, 32			CHRYSLER: 31, 32; DODGE: 35		
MB-3755A(F)	STD	MS-2204A	MB-3814P	STD	MS-2240P
FORD: 104			LEXUS: 7; TOYOTA: 49, 50		
MB-3758P	STD	MS-2206P	MB-3815P	STD	MS-2240P
GMC: 109, 118			LEXUS: 7; TOYOTA: 49, 50		
			MB-3817P	STD	MS-2241P
			TOYOTA: 52, 53		
			MB-3818P	STD	MS-2241P
			TOYOTA: 52, 53		



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PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN
MB3822ALL	STD	FORD: 19, 20, 24, 34, 35, 36; MAZDA: 12, 15, 16, 17	MB-3931A	STD	FORD: 115, 116, 117
MB3822ALU	STD	FORD: 19, 20, 24, 34, 35, 36; MAZDA: 12, 15, 16, 17	MB-3932A(F)	STD	FORD: 115, 116, 117
MB-3824AL	STD	GMC: 22, 24, 25, 30, 32, 33, 38	MB-3932W	STD	FORD: 115, 116, 117
MB-3825AL(F)	STD	GMC: 22, 24, 25, 30, 32, 33, 38	MB-3938P	STD	GMC: 177, 178, 206, 207
MB-3826P	STD	DODGE: 34	MB-3940A	STD	DODGE: 91, 108, 109
MB-3841A	STD	FORD: 100, 101, 102, 104, 106, 108	MB-3945A	STD	DODGE: 68
MB-3842A(F)	STD	FORD: 100, 101, 102, 104, 106, 108	MB-3946A	STD	CHRYSLER: 22; DODGE: 17, 24, 25; JEEP: 1, 4, 5; MITSUBISHI: 16, 26
MB-3874P	STD	FORD: 151	MB-3947A	STD	FORD: 62, 63, 65; MAZDA: 37
MB-3875P(F)	STD	FORD: 151	MB-3955A	STD	NISSAN: 18, 19, 22
MB-3881A(F)	STD	GMC: 55, 57, 67, 68, 69, 70, 71, 72, 73; ISUZU: 13, 14; JEEP: 11	MB3974PU	STD	AMERICAN MOTORS: 1, 3, 5, 7; CHRYSLER: 27; DODGE: 30; JEEP: 8, 9, 19, 20, 21
MB-3883P	STD	GMC: 70, 71, 72	MB-4000A(F)	STD	DODGE: 18; MITSUBISHI: 12, 17, 18
MB-3884A	STD	GMC: 72	MB-4001A	STD	DODGE: 18; MITSUBISHI: 12, 17, 18
MB-3885A	STD	GMC: 72	MB4015AL	STD	FORD: 153
MB-3886A	STD	GMC: 54, 75, 117; SAAB: 4	MB4015AU	STD	FORD: 153
MB-3887A(F)	STD	GMC: 54, 75, 117; SAAB: 4	MB4029AU	STD	FORD: 19, 20, 24, 34, 35, 36; MAZDA: 12, 15, 16, 17
MB-3891P	STD	INFINITI: 4, 6; NISSAN: 39, 40, 41, 42	MB4031A10	STD	GMC: 120, 121, 133, 135, 136, 155, 160, 168, 170, 176, 177; ISUZU: 19, 20; SAAB: 7
MB-3896AL	STD	ACURA: 1; HONDA: 3	MB4032AF10	STD	GMC: 120, 121, 133, 135, 136, 155, 160, 168, 170, 176, 177; ISUZU: 19, 20; SAAB: 7
MB-3907A(F)	STD	CHRYSLER: 25, 26; DODGE: 27, 28; JEEP: 7	MB4045A	STD	ACURA: 11; HONDA: 25, 33, 34, 36
MB-3907P(F)	STD	CHRYSLER: 25, 26; DODGE: 27, 28; JEEP: 7	MB4046A	STD	HONDA: 21
MB-3910A	STD	TOYOTA: 59	MB4047A	STD	LEXUS: 3, 9, 10; TOYOTA: 50, 54, 55
MB-3911A	STD	TOYOTA: 59	MB4048A	STD	ACURA: 13; HONDA: 38
MB-3917A	STD	LEXUS: 14; TOYOTA: 65	MB4052A	STD	LEXUS: 1; SCION: 2; TOYOTA: 16
MB-3918A	STD	LEXUS: 14; TOYOTA: 65	MB4053A	STD	LEXUS: 13, 15, 16; TOYOTA: 64, 68
MB-3919P	STD	INFINITI: 10; NISSAN: 46	MB4056A	STD	LEXUS: 13, 15, 16; TOYOTA: 64, 68
MB-3920W	STD	INFINITI: 10; NISSAN: 46	MB-409P	STD	FORD: 23
MB-3922A	STD	DODGE: 62, 79; JEEP: 14; MITSUBISHI: 33	MB-409P	STD	FORD: 23
MB3923A	STD	ACURA: 14; HONDA: 38, 39, 41, 45	MB5051ALSTD	STD	FORD: 42, 49; JAGUAR: 1; MAZDA: 34



NUMERICAL LISTING OF INDIVIDUAL MAIN BEARINGS



PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN
MB-596A VW: 1, 6, 8	STD	MS-1053A	MB-66A VW: 1, 6, 8	STD	MS-943A
MB-597P VW: 1, 6, 8	STD	MS-1053A	MB-67A VW: 1, 6, 8	STD	MS-943A
MB-598A VW: 1, 6, 8	STD	MS-1053A	MB-692A AUDI: 1, 2; VW: 2, 5, 6, 7, 8, 9, 11	STD	MS-1157A
MB-599A VW: 1, 6, 8	STD	MS-1053A	MB-693A(F) AUDI: 1, 2; VW: 2, 5, 6, 7, 8, 9, 11	STD	MS-1157A
MB-615P TOYOTA: 28, 31	STD	MS-1428P	MB-7004A FORD: 4, 6, 7	STD	MS-2314A
MB-623P TOYOTA: 11	STD	MS-1456P	MB-7005A NISSAN: 7	STD	MS-2316A
MB-631P NISSAN: 34, 35, 36	STD	MS-1106P	MB-883P(F) JEEP: 2, 3	STD	MS-115P
MB-632P NISSAN: 34, 35, 36	STD	MS-1106P	MB-884P JEEP: 2, 3	STD	MS-115P
MB-633P(F) NISSAN: 34, 35, 36	STD	MS-1106P	MB-885P JEEP: 2, 3	STD	MS-115P
MB-64A VW: 1, 6, 8	STD	MS-943A	MS-1802AL FORD: 3, 11, 12; KIA MOTORS: 1; MAZDA: 3, 5, 7	STD	MS-1802A
MB-65P VW: 1, 6, 8	STD	MS-943A	MS-2403A GMC: 1	STD	MS-1708A



NUMERICAL LISTING OF CAMSHAFT BEARING SETS



PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
SH-1030S	STD AMERICAN MOTORS: 2; GMC: 42, 43, 44; JEEP: 10 Contents: (3)SH-400	SH-1350S	STD GMC: 78, 97, 99, 100, 101; ISUZU: 17, 18 Contents: (1)SH287 (2)SH-288 (1)SH-290	SH-1441S	STD FORD: 81, 82; MAZDA: 39 Contents: (1)SH-1441 (1)SH-1442 (1)SH-1443 (1)SH-1444
SH-1060S	STD TOYOTA: 57, 61, 62	SH-1351S	STD GMC: 99; ISUZU: 17 Contents: (1)SH287 (1)SH-288 (2)SH-290	SH-1447S	STD FORD: 71, 72, 73, 74, 75 Contents: (2)SH-1446 (2)SH-1447
SH-1065S	STD TOYOTA: 18, 19	SH-1354S	STD GMC: 112, 141, 148, 150, 164, 166, 184, 214, 215 Contents: (1)SH-1354 (1)SH-1355 (1)SH1356 (1)SH-1357 (1)SH-1358	SH-1448S	STD GMC: 58, 59, 65, 83, 84, 85, 86, 87 Contents: (2)SH-1361 (2)SH-1448
SH-1066S	STD FORD: 13; MAZDA: 4; PEUGEOT: 2 Contents: (1)SH-1066 (2)SH-1067	SH-1355S	STD GMC: 111, 112, 129, 161, 162, 163, 166 Contents: (1)SH-1355 (1)SH1356 (1)SH-1357 (1)SH-1358 (1)SH-1359	SH-1467S	STD MITSUBISHI: 7, 9 Contents: (1)SH-1467 (1)SH-1468
SH-1092S	STD FORD: 162 Contents: (1)SH-1092 (4)SH-1093	SH-1360S	STD GMC: 123, 124 Contents: (1)SH-1360 (1)SH-363 (1)SH-364 (1)SH-365 (1)SH-506	SH-1766S	STD FORD: 159, 160, 161 Contents: (5)SH-1766
SH-1111S	STD FORD: 159, 160, 161 Contents: (5)SH-1111	SH-1361S	STD GMC: 146, 148, 150, 209, 214 Contents: (1)SH-1360 (4)SH-1361	SH-1772S	STD GMC: 113, 190 Contents: (1)SH-1351 (4)SH-400
SH-1112S	STD CHRYSLER: 72; DODGE: 85, 86, 87, 98, 99, 101 Contents: (1)SH-1112 (1)SH-1113 (1)SH-1114 (1)SH-329 (1)SH-875	SH-1364S	STD GMC: 55, 56, 57, 67, 69, 70, 71; ISUZU: 14; JEEP: 11 Contents: (1)SH-1362 (2)SH-1363 (1)SH-1364	SH-1789S	STD FORD: 52, 53, 54 Contents: (1)SH-1334 (2)SH-1335 (1)SH-1789
SH-1114S	STD DODGE: 66 Contents: (1)SH-1112 (1)SH-1114 (1)SH-329 (1)SH-875	SH-1365S	STD GMC: 19, 20, 28; ISUZU: 5 Contents: (2)SH-1363 (2)SH-1364 (1)SH-1365	SH-1793S	STD MAZDA: 23
SH-1115S	STD CHRYSLER: 52, 53; DODGE: 55, 56, 57 Contents: (1)SH-1115 (1)SH-1116 (1)SH-1117 (1)SH-425	SH-1366S	STD AM General: 2; GMC: 179 Contents: (1)SH-1366 (1)SH-1367 (1)SH-1368 (1)SH1369 (1)SH-1370	SH-1796S	STD AM General: 1; CHECKER: 4; GMC: 113, 127, 156, 157, 158, 159, 160, 189, 190, 191, 195 Contents: (5)SH-1351
SH-1190S	STD GMC: 10 Contents: (3)SH-1190	SH-1371S	STD GMC: 110 Contents: (1)SH-1371 (1)SH-1372 (1)SH-1373 (1)SH-1374 (1)SH-1375	SH-1812S	STD GMC: 81, 82, 83, 86, 87 Contents: (2)SH-1812 (2)SH-1813
SH-1197S	STD FORD: 70, 71 Contents: (2)SH-1197 (2)SH-1198	SH-1385S	STD GMC: 58, 59, 62, 80, 94 Contents: (1)SH-1360 (3)SH-1361	SH-1814S	STD GMC: 121, 155, 160, 168; ISUZU: 20 Contents: (2)SH-1814 (2)SH-1815 (1)SH-1816
SH-1209S	STD AUDI: 1; DODGE: 6; VW: 2, 3, 11 Contents: (1)SH-1209 (1)SH-1210	SH-1386S	STD FORD: 43, 45, 47 Contents: (1)SH-1386 (1)SH-1387 (1)SH-1388 (1)SH-1389	SH-1980S	STD AMERICAN MOTORS: 1, 3, 4, 5; CHRYSLER: 27; DODGE: 30; JEEP: 8, 9, 18, 19, 21 Contents: (1)SH-1980 (1)SH-550 (1)SH-551 (1)SH-552
SH-1248S	STD TOYOTA: 29	SH-1390S	STD FORD: 46, 48 Contents: (1)SH-1390 (1)SH-1391 (1)SH-1392 (1)SH-1393	SH-1990S	STD CHRYSLER: 76, 77; DODGE: 90, 92, 105; JEEP: 26 Contents: (1)SH-1990 (1)SH-1991 (1)SH-1992 (1)SH-1993 (1)SH-1994
SH-1251S	STD FORD: 30, 31, 32 Contents: (1)SH-1251 (2)SH-1252 (1)SH-1253	SH-1396S	STD TOYOTA: 24	SH-1996S	STD FORD: 144, 151 Contents: (1)SH-1996
SH-1254S	STD FORD: 85, 87, 88, 89 Contents: (2)SH-1254 (2)SH-567	SH-1403S	STD CHRYSLER: 28; DODGE: 29	SH-1999S	STD GMC: 203, 204 Contents: (1)SH-1999 (4)SH-2006
SH-1305S	STD GMC: 41, 44 Contents: (3)SH-1305	SH-1405S	STD DODGE: 45; JEEP: 17; VW: 24, 25 Contents: (1)SH-1405 (1)SH-1406 (1)SH-1407 (1)SH-1408	SH-2007S	STD TOYOTA: 28, 31, 32, 33
SH-1321S	STD FORD: 91, 95, 135 Contents: (1)SH-1321 (1)SH-1322 (1)SH-1323 (1)SH-1324 (1)SH-1325			SH-2121S	STD GMC: 67, 72 Contents: (1)SH-2121 (2)SH-2122 (1)SH-2123
SH-1349S	STD AM General: 1; CHECKER: 4; GMC: 113, 127, 157, 158, 159, 160, 189, 190, 191, 195 Contents: (1)SH-1349 (2)SH-1350 (2)SH-1351				



NUMERICAL LISTING OF CAMSHAFT BEARING SETS



PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
SH-2125S	STD GMC: 120, 121, 135, 155, 170, 177, 206; ISUZU: 20; SAAB: 6, 7 Contents: (2)SH-1995A (2)SH-2124 (1)SH-2125	SH-383S	STD GMC: 89 Contents: (1)SH-263 (1)SH-264 (1)SH-265 (1)SH-383	SH-703S	STD FORD: 40, 44, 57, 58, 59, 60, 83 Contents: (1)SH-412 (1)SH-413 (1)SH-414 (1)SH-703
SH-2144S	STD GMC: 202, 211, 212, 216	SH-398S	STD GMC: 145 Contents: (1)SH-398 (1)SH-399 (2)SH-400 (1)SH-401	SH-710S	STD FORD: 127, 129, 137 Contents: (1)SH-511 (1)SH-512 (1)SH-513 (1)SH-514 (1)SH-710
SH-2147S	STD FORD: 112, 114	SH-399S	STD GMC: 61, 93, 103, 105 Contents: (2)SH-399 (2)SH-400	SH-711S	STD FORD: 2, 9; MORGAN: 1 Contents: (1)SH-711 (1)SH-712 (1)SH-713
SH-2152S	STD CHRYSLER: 93	SH-400S	STD GMC: 45 Contents: (1)SH-399 (2)SH-400	SH-718S	STD CHECKER: 3; GMC: 90, 103, 104 Contents: (4)SH-400
SH-2157S	STD GMC: 135, 136, 176, 177, 178; SAAB: 7	SH-506S	STD GMC: 77 Contents: (1)SH-363 (1)SH-364 (1)SH-365 (1)SH-506	SH-725S	STD TOYOTA: 11
SH-2160S	STD GMC: 121, 160, 168; ISUZU: 20	SH-510S	STD FORD: 110, 131, 133, 134, 135, 137 Contents: (1)SH-510 (1)SH-511 (1)SH-512 (1)SH-513 (1)SH-514	SH-733S	STD FORD: 23 Contents: (1)SH-128 (1)SH-129 (1)SH-130
SH-2191S	STD CHRYSLER: 77, 78, 88; DODGE: 91, 92, 93, 94; JEEP: 26	SH-530S	STD GMC: 173, 208 Contents: (5)SH-530	SH-735S	STD VW: 1, 6, 7, 8, 10
SH-2199S	STD GMC: 120, 121, 135, 155, 170, 177, 206; ISUZU: 20; SAAB: 6, 7	SH-533S	STD FORD: 68, 84 Contents: (4)SH-533	SH-764S	STD NISSAN: 3, 4
SH-21S	STD FORD: 92, 94 Contents: (2)SH-21 (1)SH-22	SH-534S	STD FORD: 68, 84 Contents: (1)SH-249 (1)SH-533	SH-772S	STD NISSAN: 21, 29
SH-23S	STD DODGE: 52 Contents: (1)SH-23 (1)SH-24 (1)SH-25	SH-559S	STD FORD: 96, 111, 120 Contents: (1)SH-285 (4)SH-559	SH-777S	STD FORD: 21, 22, 28, 38; MAZDA: 14, 20 Contents: (4)SH-777
SH-277S	STD GMC: 143, 172 Contents: (4)SH-277 (1)SH-278	SH-567S	STD FORD: 77, 78, 85, 87 Contents: (4)SH-567	SH-781S	STD FORD: 124, 140, 141, 142, 148, 150, 152, 155 Contents: (1)SH-377 (1)SH-378 (1)SH-379 (1)SH-380 (1)SH-781
SH-287S	STD CHECKER: 5, 8, 9, 10; GMC: 115, 139, 140 Contents: (2)SH-287 (1)SH-288 (1)SH-290	SH-615S	STD GMC: 182 Contents: (1)SH-615 (1)SH-616 (2)SH-617 (1)SH-618	SH-784S	STD CHRYSLER: 35, 52, 55; DODGE: 38, 40, 55, 56, 58, 59, 60 Contents: (1)SH-403 (1)SH-424 (1)SH-425 (1)SH-874
SH-290S	STD AM General: 1; CHECKER: 4; GMC: 113, 127, 130, 131, 157, 158, 159, 160, 167, 187, 189, 190, 191, 195, 198, 199 Contents: (2)SH-287 (2)SH-288 (1)SH-290	SH-616S	STD GMC: 202, 211, 212, 216 Contents: (1)SH-615 (2)SH-616 (2)SH-617	SH-785S	STD CHRYSLER: 63, 68, 70, 83, 84; DODGE: 77, 78, 82, 85, 88, 97, 98, 100, 102, 103; FARGO: 2 Contents: (1)SH-326 (1)SH-327 (1)SH-328 (1)SH-329 (1)SH-875
SH-291S	STD GMC: 132 Contents: (1)SH-291 (4)SH-292	SH-671S	STD AMERICAN MOTORS: 9; JEEP: 23, 30 Contents: (1)SH-673 (1)SH-674	SH-876S	STD CHRYSLER: 81, 87, 89, 90, 92, 93; DODGE: 95, 106, 110, 111 Contents: (1)SH-403 (1)SH-404 (1)SH-405 (1)SH-406 (1)SH-876 (1)SH-876
SH-292S	STD GMC: 116, 138, 149, 166, 187, 188, 192, 196, 213 Contents: (5)SH-292	SH-69S	STD JEEP: 2 Contents: (1)SH-69	SH-907S	STD GMC: 26 Contents: (1)SH-907 (1)SH-908 (1)SH-909
SH-313S	STD CHRYSLER: 65; DODGE: 96 Contents: (1)SH-313 (3)SH-314 (1)SH-315	SH-7003S	STD TOYOTA: 40		
SH-361S	STD GMC: 171 Contents: (1)SH-361 (1)SH-363 (1)SH-364 (1)SH-365 (1)SH-506				
SH-37S	STD DODGE: 69, 70 Contents: (1)SH-23 (1)SH-37 (1)SH-38				



NUMERICAL LISTING OF INDIVIDUAL CAM BEARINGS



PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN
SH-1066	STD		SH-1325	STD	
MAZDA: 4, 6; PEUGEOT: 2		SH-1066S	FORD: 91, 95, 135		SH-1321S
SH-1067	STD		SH-1334	STD	
MAZDA: 4, 6; PEUGEOT: 2		SH-1066S	FORD: 52, 54; MAZDA: 36		SH-1789S
SH-1092	STD		SH-1335	STD	
FORD: 162		SH-1092S	FORD: 52, 54; MAZDA: 36		SH-1789S
SH-1093	STD		SH-1349	STD	
FORD: 162		SH-1092S	AM General: 1; CHECKER: 4; GMC: 113, 127, 157, 158, 159, 160, 189, 190, 191, 195		SH-1349S
SH-1111	STD		SH-1350	STD	
FORD: 159, 160, 161		SH-1111S	AM General: 1; CHECKER: 4; GMC: 113, 127, 157, 158, 159, 160, 189, 190, 191, 195		SH-1349S
SH-1112	STD		SH-1351	STD	
CHRYSLER: 72; DODGE: 66, 85, 86, 87, 98, 99, 101		SH-1112S SH-1114S	AM General: 1; CHECKER: 4; GMC: 113, 127, 156, 157, 158, 159, 160, 189, 190, 191, 195		SH-1349S SH-1772S SH-1796S
SH-1113	STD		SH-1354	STD	
CHRYSLER: 72; DODGE: 85, 86, 87, 98, 99, 101		SH-1112S	GMC: 112, 141, 148, 150, 164, 166, 184, 214, 215		SH-1354S
SH-1114	STD		SH-1355	STD	
CHRYSLER: 72; DODGE: 66, 85, 86, 87, 98, 99, 101		SH-1112S SH-1114S	GMC: 111, 112, 129, 141, 148, 150, 161, 162, 163, 164, 166, 184, 214, 215		SH-1354S SH-1355S
SH-1115	STD		SH1356	STD	
CHRYSLER: 52, 53; DODGE: 55, 56, 57		SH-1115S	GMC: 111, 112, 129, 141, 148, 150, 161, 162, 163, 164, 166, 184, 214, 215		SH-1354S SH-1355S
SH-1116	STD		SH-1357	STD	
CHRYSLER: 52, 53; DODGE: 55, 56, 57		SH-1115S	GMC: 111, 112, 129, 141, 148, 150, 161, 162, 163, 164, 166, 184, 214, 215		SH-1354S SH-1355S
SH-1117	STD		SH-1358	STD	
CHRYSLER: 52, 53; DODGE: 55, 56, 57		SH-1115S	GMC: 111, 112, 129, 141, 148, 150, 161, 162, 163, 164, 166, 184, 214, 215		SH-1354S SH-1355S
SH-1190	STD		SH-1359	STD	
GMC: 10		SH-1190S	GMC: 111, 112, 129, 141, 148, 150, 161, 162, 163, 164, 166, 184, 214, 215		SH-1354S SH-1355S
SH-1197	STD		SH-1360	STD	
FORD: 70, 71		SH-1197S	APOLLO: 1; GMC: 58, 59, 62, 80, 94, 124, 146, 148, 150, 209, 214		SH-1360S SH-1361S SH-1385S
SH-1198	STD		SH-1361	STD	
FORD: 70, 71		SH-1197S	GMC: 58, 59, 62, 65, 80, 83, 84, 85, 86, 87, 94, 146, 148, 150, 209, 214		SH-1361S SH-1385S SH-1448S
SH-1209	STD		SH-1362	STD	
AUDI: 1; DODGE: 6; VW: 2, 3, 11		SH-1209S	GMC: 55, 56, 57, 67, 69, 70, 71; ISUZU: 14; JEEP: 11		SH-1364S
SH-1210	STD		SH-1363	STD	
AUDI: 1; DODGE: 6; VW: 2, 3, 11		SH-1209S	GMC: 19, 20, 28, 55, 56, 57, 67, 69, 70, 71; ISUZU: 5, 14; JEEP: 11		SH-1364S SH-1365S
SH-1251	STD		SH-1364	STD	
FORD: 30, 31, 32		SH-1251S	GMC: 19, 20, 28, 55, 56, 57, 67, 69, 70, 71; ISUZU: 5, 14; JEEP: 11		SH-1364S SH-1365S
SH-1252	STD		SH-1365	STD	
FORD: 30, 31, 32		SH-1251S	GMC: 19, 20, 28; ISUZU: 5		SH-1365S
SH-1253	STD		SH-1366	STD	
FORD: 30, 31, 32		SH-1251S	AM General: 2; GMC: 179		SH-1366S
SH-1254	STD		SH-1367	STD	
FORD: 85, 87, 88, 89		SH-1254S	AM General: 2; GMC: 179		SH-1366S
SH-128	STD		SH-1368	STD	
FORD: 23		SH-733S	AM General: 2; GMC: 179		SH-1366S
SH-129	STD		SH1369	STD	
FORD: 23		SH-733S	AM General: 2; GMC: 179		SH-1366S
SH-130	STD		SH-1370	STD	
FORD: 23		SH-733S	AM General: 2; GMC: 179		SH-1366S
SH-1305	STD				
GMC: 41, 44		SH-1305S			
SH-1321	STD				
FORD: 91, 95, 135		SH-1321S			
SH-1322	STD				
FORD: 91, 95, 135		SH-1321S			
SH-1323	STD				
FORD: 91, 95, 135		SH-1321S			
SH-1324	STD				
FORD: 91, 95, 135		SH-1321S			



NUMERICAL LISTING OF INDIVIDUAL CAM BEARINGS



PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN
SH-1371	STD		SH-1813	STD	
GMC: 110		SH-1371S	GMC: 81, 82, 83, 86, 87		SH-1812S
SH-1372	STD		SH-1814	STD	
GMC: 110		SH-1371S	GMC: 121, 155, 160, 168; ISUZU: 20		SH-1814S
SH-1373	STD		SH-1815	STD	
GMC: 110		SH-1371S	GMC: 121, 155, 160, 168; ISUZU: 20		SH-1814S
SH-1374	STD		SH-1816	STD	
GMC: 110		SH-1371S	GMC: 121, 155, 160, 168; ISUZU: 20		SH-1814S
SH-1375	STD		SH-1980	STD	
GMC: 110		SH-1371S	AMERICAN MOTORS: 1, 3, 4, 5, 6; CHRYSLER: 27; DODGE: 30; JEEP: 8, 9, 19, 21		SH-1980S
SH-1386	STD		SH-1990	STD	
FORD: 43, 45, 47		SH-1386S	CHRYSLER: 76, 77; DODGE: 90, 92, 105; JEEP: 26		SH-1990S
SH-1387	STD		SH-1991	STD	
FORD: 43, 45, 47		SH-1386S	CHRYSLER: 76, 77; DODGE: 90, 92, 105; JEEP: 26		SH-1990S
SH-1388	STD		SH-1992	STD	
FORD: 43, 45, 47		SH-1386S	CHRYSLER: 76, 77; DODGE: 90, 92, 105; JEEP: 26		SH-1990S
SH-1389	STD		SH-1993	STD	
FORD: 43, 45, 47		SH-1386S	CHRYSLER: 76, 77; DODGE: 90, 92, 105; JEEP: 26		SH-1990S
SH-1390	STD		SH-1994	STD	
FORD: 46, 48		SH-1390S	CHRYSLER: 76, 77; DODGE: 90, 92, 105; JEEP: 26		SH-1990S
SH-1391	STD		SH-1995A	STD	
FORD: 46, 48		SH-1390S	GMC: 120, 121, 135, 155, 170, 177, 206; ISUZU: 20; SAAB: 6, 7		SH-2125S
SH-1392	STD		SH-1996	STD	
FORD: 46, 48		SH-1390S	FORD: 144, 151		SH-1996S
SH-1393	STD		SH-1999	STD	
FORD: 46, 48		SH-1390S	GMC: 203, 204		SH-1999S
SH-1405	STD		SH-2006	STD	
DODGE: 45; JEEP: 17; VW: 24, 25		SH-1405S	GMC: 203, 204		SH-1999S
SH-1406	STD		SH-21	STD	
DODGE: 45; JEEP: 17; VW: 24, 25		SH-1405S	FORD: 92, 94		SH-21S
SH-1407	STD		SH-2121	STD	
DODGE: 45; JEEP: 17; VW: 24, 25		SH-1405S	GMC: 67, 72		SH-2121S
SH-1408	STD		SH-2122	STD	
DODGE: 45; JEEP: 17; VW: 24, 25		SH-1405S	GMC: 67, 72		SH-2121S
SH-1441	STD		SH-2123	STD	
FORD: 81, 82; MAZDA: 39		SH-1441S	GMC: 67, 72		SH-2121S
SH-1442	STD		SH-2124	STD	
FORD: 81, 82; MAZDA: 39		SH-1441S	GMC: 120, 121, 135, 155, 170, 177, 206; ISUZU: 20; SAAB: 6, 7		SH-2125S
SH-1443	STD		SH-2125	STD	
FORD: 81, 82; MAZDA: 39		SH-1441S	GMC: 120, 121, 135, 155, 170, 177, 206; ISUZU: 20; SAAB: 6, 7		SH-2125S
SH-1444	STD		SH-22	STD	
FORD: 81, 82; MAZDA: 39		SH-1441S	FORD: 92, 94		SH-21S
SH-1446	STD		SH-23	STD	
FORD: 71, 72, 73, 74, 75		SH-1447S	DODGE: 52, 69, 70		SH-23S SH-37S
SH-1447	STD		SH-24	STD	
FORD: 71, 72, 73, 74, 75		SH-1447S	DODGE: 52		SH-23S
SH-1448	STD		SH-249	STD	
GMC: 58, 59, 65, 83, 84, 85, 86, 87		SH-1448S	FORD: 68, 84		SH-534S
SH-1467	STD		SH-25	STD	
MAZDA: 7, 9		SH-1467S	DODGE: 52		SH-23S
SH-1468	STD		SH-263	STD	
MAZDA: 7, 9		SH-1467S	GMC: 89		SH-383S
SH-1766	STD		SH-264	STD	
FORD: 159, 160, 161		SH-1766S	GMC: 89		SH-383S
SH-1789	STD				
FORD: 52, 54; MAZDA: 36		SH-1789S			
SH-1812	STD				
GMC: 81, 82, 83, 86, 87		SH-1812S			



NUMERICAL LISTING OF INDIVIDUAL CAM BEARINGS



PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN
SH-265 GMC: 89	STD	SH-383S	SH-37 DODGE: 69, 70	STD	SH-37S
SH-277 GMC: 143, 172	STD	SH-277S	SH-377 FORD: 124, 140, 141, 142, 148, 150, 152, 155	STD	SH-781S
SH-278 GMC: 143, 172	STD	SH-277S	SH-378 FORD: 124, 140, 141, 142, 148, 150, 152, 155	STD	SH-781S
SH-285 FORD: 96, 111, 120	STD	SH-559S	SH-379 FORD: 124, 140, 141, 142, 148, 150, 152, 155	STD	SH-781S
SH287 AM General: 1; CHECKER: 4, 5, 8, 9, 10; GMC: 78, 97, 99, 100, 101, 113, 115, 127, 130, 131, 139, 140, 157, 158, 159, 160, 167, 187, 189, 190, 191, 195, 198, 199; ISUZU: 17, 18	STD	SH-1350S SH-1351S SH-287S SH-290S	SH-38 DODGE: 69, 70	STD	SH-37S
SH-288 AM General: 1; CHECKER: 4, 5, 8, 9, 10; GMC: 78, 97, 99, 100, 101, 113, 115, 127, 130, 131, 139, 140, 157, 158, 159, 160, 167, 187, 189, 190, 191, 195, 198, 199; ISUZU: 17, 18	STD	SH-1350S SH-1351S SH-287S SH-290S	SH-380 FORD: 124, 140, 141, 142, 148, 150, 152, 155	STD	SH-781S
SH-290 AM General: 1; CHECKER: 4, 5, 8, 9, 10; GMC: 78, 97, 99, 100, 101, 113, 115, 127, 130, 131, 139, 140, 157, 158, 159, 160, 167, 187, 189, 190, 191, 195, 198, 199; ISUZU: 17, 18	STD	SH-1350S SH-1351S SH-287S SH-290S	SH-383 GMC: 89	STD	SH-383S
SH-291 GMC: 132	STD	SH-291S	SH-398 GMC: 145	STD	SH-398S
SH-292 GMC: 116, 132, 138, 149, 166, 187, 188, 192, 196, 213	STD	SH-291S SH-292S	SH-399 GMC: 45, 61, 93, 103, 105, 145	STD	SH-398S SH-399S SH-400S
SH-313 CHRYSLER: 65; DODGE: 96	STD	SH-313S	SH-400 AMERICAN MOTORS: 2; CHECKER: 3; GMC: 42, 43, 44, 45, 61, 90, 103, 104, 105, 113, 145, 190; JEEP: 10	STD	SH-1030S SH-1772S SH-398S SH-399S SH-400S SH-718S
SH-314 CHRYSLER: 65; DODGE: 96	STD	SH-313S	SH-401 GMC: 145	STD	SH-398S
SH-315 CHRYSLER: 65; DODGE: 96	STD	SH-313S	SH-403 CHRYSLER: 35, 52, 55, 81, 87, 89, 90, 92, 93; DODGE: 38, 40, 55, 56, 58, 59, 60, 95, 106, 110, 111	STD	SH-874S SH-876S
SH-326 CHRYSLER: 63, 68, 70, 83, 84; DODGE: 77, 78, 82, 85, 88, 97, 98, 100, 102, 103; FARGO: 2	STD	SH-875S	SH-404 CHRYSLER: 81, 87, 89, 90, 92, 93; DODGE: 95, 106, 110, 111	STD	SH-876S
SH-327 CHRYSLER: 63, 68, 70, 83, 84; DODGE: 77, 78, 82, 85, 88, 97, 98, 100, 102, 103; FARGO: 2	STD	SH-875S	SH-405 CHRYSLER: 81, 87, 89, 90, 92, 93; DODGE: 95, 106, 110, 111	STD	SH-876S
SH-328 CHRYSLER: 63, 68, 70, 83, 84; DODGE: 77, 78, 82, 85, 88, 97, 98, 100, 102, 103; FARGO: 2	STD	SH-875S	SH-406 CHRYSLER: 81, 87, 89, 90, 92, 93; DODGE: 95, 106, 110, 111	STD	SH-876S
SH-329 CHRYSLER: 63, 68, 70, 72, 83, 84; DODGE: 66, 77, 78, 82, 85, 86, 87, 88, 97, 98, 99, 100, 101, 102, 103; FARGO: 2	STD	SH-1112S SH-1114S SH-875S	SH-412 FORD: 40, 44, 57, 58, 59, 60, 83	STD	SH-703S
SH-361 GMC: 171	STD	SH-361S	SH-413 FORD: 40, 44, 57, 58, 59, 60, 83	STD	SH-703S
SH-363 APOLLO: 1; GMC: 77, 124, 171	STD	SH-1360S SH-361S SH-506S	SH-414 FORD: 40, 44, 57, 58, 59, 60, 83	STD	SH-703S
SH-364 APOLLO: 1; GMC: 77, 124, 171	STD	SH-1360S SH-361S SH-506S	SH-424 CHRYSLER: 35, 52, 55; DODGE: 38, 40, 55, 56, 58, 59, 60	STD	SH-874S
SH-365 APOLLO: 1; GMC: 77, 124, 171	STD	SH-1360S SH-361S SH-506S	SH-425 CHRYSLER: 35, 52, 53, 55; DODGE: 38, 40, 55, 56, 57, 58, 59, 60	STD	SH-1115S SH-874S
			SH-506 APOLLO: 1; GMC: 77, 124, 171	STD	SH-1360S SH-361S SH-506S
			SH-510 FORD: 110, 131, 133, 134, 135, 137	STD	SH-510S



NUMERICAL LISTING OF INDIVIDUAL CAM BEARINGS



PART NO. APPLICATION	UNDERSIZES	CONTAINED IN	PART NO. APPLICATION	UNDERSIZES	CONTAINED IN
SH-511 FORD: 110, 127, 129, 131, 133, 134, 135, 137	STD	SH-510S SH-710S	SH-673 AMERICAN MOTORS: 9, 11, 12	STD	SH-671S
SH-512 FORD: 110, 127, 129, 131, 133, 134, 135, 137	STD	SH-510S SH-710S	SH-674 AMERICAN MOTORS: 9, 11, 12	STD	SH-671S
SH-513 FORD: 110, 127, 129, 131, 133, 134, 135, 137	STD	SH-510S SH-710S	SH-69 JEEP: 2	STD	SH-69S
SH-514 FORD: 110, 127, 129, 131, 133, 134, 135, 137	STD	SH-510S SH-710S	SH-703 FORD: 40, 44, 57, 58, 59, 60, 83	STD	SH-703S
SH-530 GMC: 173, 208	STD	SH-530S	SH-710 FORD: 127, 129, 137	STD	SH-710S
SH-533 FORD: 68, 84	STD	SH-533S SH-534S	SH-711 FORD: 2, 9; MORGAN: 1	STD	SH-711S
SH-550 AMERICAN MOTORS: 1, 3, 4, 5, 6; CHRYSLER: 27; DODGE: 30; JEEP: 8, 9, 19, 21	STD	SH-1980S	SH-712 FORD: 2, 9; MORGAN: 1	STD	SH-711S
SH-551 AMERICAN MOTORS: 1, 3, 4, 5, 6; CHRYSLER: 27; DODGE: 30; JEEP: 8, 9, 19, 21	STD	SH-1980S	SH-713 FORD: 2, 9; MORGAN: 1	STD	SH-711S
SH-552 AMERICAN MOTORS: 1, 3, 4, 5, 6; CHRYSLER: 27; DODGE: 30; JEEP: 8, 9, 19, 21	STD	SH-1980S	SH-777 FORD: 21, 22, 28, 38; MAZDA: 14, 20	STD	SH-777S
SH-559 FORD: 96, 111, 120	STD	SH-559S	SH-781 FORD: 124, 140, 141, 142, 148, 150, 152, 155	STD	SH-781S
SH-567 FORD: 77, 78, 85, 87, 88, 89	STD	SH-1254S SH-567S	SH-874 CHRYSLER: 35, 52, 55; DODGE: 38, 40, 55, 56, 58, 59, 60	STD	SH-874S
SH-615 GMC: 182, 202, 211, 212, 216	STD	SH-615S SH-616S	SH-875 CHRYSLER: 63, 68, 70, 72, 83, 84; DODGE: 66, 77, 78, 82, 85, 86, 87, 88, 97, 98, 99, 100, 101, 102, 103; FARGO: 2	STD	SH-1112S SH-1114S SH-875S
SH-616 GMC: 182, 202, 211, 212, 216	STD	SH-615S SH-616S	SH-876 CHRYSLER: 81, 87, 89, 90, 92, 93; DODGE: 95, 106, 110, 111	STD	SH-876S
SH-617 GMC: 182, 202, 211, 212, 216	STD	SH-615S SH-616S	SH-876 CHRYSLER: 81, 87, 89, 90, 92, 93; DODGE: 95, 106, 110, 111	STD	SH-876S
SH-618 GMC: 182	STD	SH-615S	SH-907 GMC: 26	STD	SH-907S
			SH-908 GMC: 26	STD	SH-907S
			SH-909 GMC: 26	STD	SH-907S



NUMERICAL LISTING OF THRUST WASHER SETS



PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
TW-105S	STD	TW-554S	STD	TW-618S	STD
NISSAN: 3, 4		LEXUS: 4, 8; TOYOTA: 45, 51, 52, 53		LEXUS: 7; TOYOTA: 49, 50	
Contents: (1)MB68WL (1)MB68WU		Contents: (1)MB3350W		Contents: (1)MB3816W	
TW-120S	STD	TW-587S	STD	TW-619S	STD
FORD: 39		ACURA: 8; HONDA: 28, 29, 32; ISUZU: 6		GMC: 37; LEXUS: 2; SCION: 4; TOYOTA: 34	
Contents: (2)MB-1739W(L) (2)MB-1739W(U)		Contents: (2)MB-3474W		Contents: (1)MB-3821W	
TW-120SK	STD	TW-588S	STD	TW-620S	STD
CHRYSLER: 92		LEXUS: 12, 14; TOYOTA: 65, 66		DODGE: 34	
Contents: (1)KTW-120S (2)MB-1739W(L) (2)MB-1739W(U) (1)TW-120S		TW-589S	STD	Contents: (4)MB-3826W	
TW-228S	STD	LEXUS: 5; TOYOTA: 53		TW-677S	STD
TOYOTA: 19, 42, 44, 46		Contents: (1)MB3477W(L) (1)MB3477W(U)		DODGE: 23; MITSUBISHI: 21, 22	
Contents: (1)MB627WL (1)MB627WU		TW-590S	STD	Contents: (1)MB-3854W	
TW-231S	STD	INFINITI: 1; NISSAN: 23		TW-678S	STD
MAZDA: 4, 6; PEUGEOT: 2		Contents: (1)MB3478W		INFINITI: 4, 6; NISSAN: 39, 40, 41	
Contents: (2)MB-649W(L) (2)MB-649W(U)		TW-592S	STD	Contents: (2)MB-3899W(L) (2)MB-3899W(U)	
TW-326S	STD	TOYOTA: 11, 21, 22, 24, 25, 26, 30		TW-679S	STD
TOYOTA: 18, 28, 31, 33		Contents: (1)MB3201W(L) (1)MB3201W(U)		NISSAN: 31	
Contents: (1)MB-2746W		TW-596S	STD	Contents: (2)MB-3900W(L) (2)MB-3900W(U)	
TW-327S	STD	FORD: 25; MAZDA: 8, 10		TW-684S	STD
HONDA: 1, 2, 4, 5, 6, 7, 8, 9, 11, 12, 19, 20		Contents: (2)MB-3544W		SCION: 1; TOYOTA: 7	
Contents: (1)MB-2753W		TW-597S	STD	Contents: (2)MB-3904W	
TW-401S	STD	INFINITI: 7, 8		TW-692S	STD
GMC: 5, 13; TOYOTA: 2, 3, 4, 9, 10, 12, 17		TW-598S	STD	TOYOTA: 59, 60	
Contents: (2)MB-2965W(L) (2)MB-2965W(U)		LEXUS: 11; TOYOTA: 63		TW-694S	STD
TW-451S	STD	Contents: (1)MB-3551W		DODGE: 17, 24, 26; JEEP: 1; MITSUBISHI: 14, 15, 16, 25, 26	
GMC: 10, 12, 17; HONDA: 37; ISUZU: 1, 2, 3, 4, 8		TW-599S	STD	TW-695S	STD
Contents: (2)MB-3061W		DAIHATSU: 1		CHRYSLER: 58; DODGE: 67, 68	
TW-455S	STD	Contents: (1)MB-3554W		TW-697S	STD
GMC: 1, 3; SUZUKI: 2		TW-604S	STD	NISSAN: 18, 26	
Contents: (2)MB-3172W		TOYOTA: 35, 36, 37, 40		TW-704S	STD
TW-458S	STD	Contents: (1)MB3762W		AUDI: 1, 2, 3; DODGE: 6; VW: 2, 3, 5	
CHRYSLER: 38; DODGE: 35, 43; HYUNDAI: 9; MITSUBISHI: 31		TW-606S	STD	Contents: (1)MB692WL (1)MB692WU	
Contents: (2)MB-3108W(L) (2)MB-3108W(U)		CHRYSLER: 34, 41, 44; DODGE: 36, 37, 44, 47, 48		TW-706S	STD
TW-463S	STD	Contents: (2)MB-3768W		FORD: 4, 6, 8	
TOYOTA: 31, 32, 33		TW-608S	STD	Contents: (2)MB7007W	
Contents: (1)MB2925WL (1)MB2925WU		DODGE: 62, 79, 80; JEEP: 14, 22; MITSUBISHI: 33, 34		TW-707S	STD
TW-472S	STD	Contents: (2)MB-3771W		NISSAN: 15, 16	
FORD: 3, 11, 12; KIA MOTORS: 1; MAZDA: 3, 5		TW-610S	STD	TW-708S	STD
Contents: (2)MB-3173W		GMC: 203, 204		SUZUKI: 5, 6	
TW-473S	STD	Contents: (3)MB-3776W		TW-711S	STD
ACURA: 2, 3, 4, 5, 6, 7, 9, 10, 11; HONDA: 14, 15, 16, 17, 22, 23, 29, 30, 35		TW-611S	STD	FORD: 153	
Contents: (2)MB-3176W		CHRYSLER: 76, 77, 78, 79; DODGE: 89, 90, 91, 92, 93, 105, 109; JEEP: 25, 26		Contents: (1)MB4016W	
TW-478S	STD	Contents: (2)MB-3780W		TW-712S	STD
GMC: 6; SUZUKI: 4		TW-613S	STD	ACURA: 14, 16, 17; HONDA: 38, 39, 41, 42, 43	
Contents: (2)MB-3209W		AUDI: 11; VW: 23		Contents: (1)MB3924W	
TW-551S	STD	TW-614S	STD	TW-713S	STD
NISSAN: 13, 14		VW: 21, 22		DODGE: 41	
Contents: (1)MB3343W		Contents: (1)MB-3798W		Contents: (1)MB4024WL (1)MB4024WU	
TW-552S	STD	TW-615S	STD	TW-714S	STD
FORD: 41; MAZDA: 25, 27, 31, 32		ACURA: 15; HONDA: 40; ISUZU: 15		AUDI: 6, 7, 8, 9; VW: 19, 20	
Contents: (4)MB-3347W		Contents: (2)MB-3807W		TW-715S	STD
TW-553S	STD	TW-617S	STD	TOYOTA: 38, 39, 41	
TOYOTA: 5, 6		MITSUBISHI: 32		TW-716S	STD
Contents: (1)MB3348W		Contents: (1)MB-3812W		NISSAN: 33	
				TW-720S	STD
				NISSAN: 44, 45	
				TW-721S	STD
				FORD: 62, 65, 66; MAZDA: 37	



NUMERICAL LISTING OF THRUST WASHER SETS



PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
TW-722S	STD	TW-727S	STD		
NISSAN: 43		LEXUS: 3, 6, 9, 10; TOYOTA: 50, 55			
TW-723S	STD	Contents: (1)TW727S			
DODGE: 54; JEEP: 12		TW-728S	STD		
TW-726S	STD	LEXUS: 13, 15, 16; TOYOTA: 64, 67, 68			
LEXUS: 1; SCION: 2, 3; TOYOTA: 14, 15, 16		Contents: (4)MB4053W			
Contents: (1)TW726S					



NUMERICAL LISTING OF PIN BUSHINGS



PART NO.	UNDERSIZES	PART NO.	UNDERSIZES	PART NO.	UNDERSIZES
223-3349	STD CHRYSLER: 74; DESOTO: 1; DODGE: 52, 70	223-3612	STD TOYOTA: 28, 31, 32, 33	223-3672	STD GMC: 47, 48
223-3451	STD FORD: 92, 94	223-3646	STD GMC: 87	223-3679	STD FORD: 102, 107, 108, 116, 122, 164
223-3484	STD CHRYSLER: 35, 52, 53, 55, 68, 72; DODGE: 38, 55, 56, 57, 58, 59, 60, 77, 82, 85, 86, 87, 88; JEEP: 24	223-3647	STD GMC: 82, 85, 86	223-3714	STD FORD: 162
223-3501	STD FORD: 138, 139, 140, 141, 142, 146, 147, 148, 149, 150, 152, 154, 155, 156, 157, 158	223-3648	STD GMC: 35, 36, 58, 109	223-3717	STD DODGE: 74
223-3512	STD GMC: 107	223-3651	STD FORD: 42, 52, 90; JAGUAR: 1; MAZDA: 34	223-3721	STD CHRYSLER: 41, 42, 43; DODGE: 48, 50
223-3546	STD FORD: 40, 68, 69, 96, 111, 119, 120	223-3653	STD TOYOTA: 25, 26, 30	223-3722	STD GMC: 30, 31, 32, 33
223-3576	STD AM General: 2; GMC: 179	223-3654	STD CHRYSLER: 34; DODGE: 36, 37	223-3729	STD GMC: 203
223-3597	STD GMC: 129	223-3664	STD GMC: 46, 51, 95	223-3732	STD VW: 1, 6
223-3611	STD TOYOTA: 42, 44, 46	223-3665	STD DODGE: 34		
		223-3671	STD FORD: 144		

