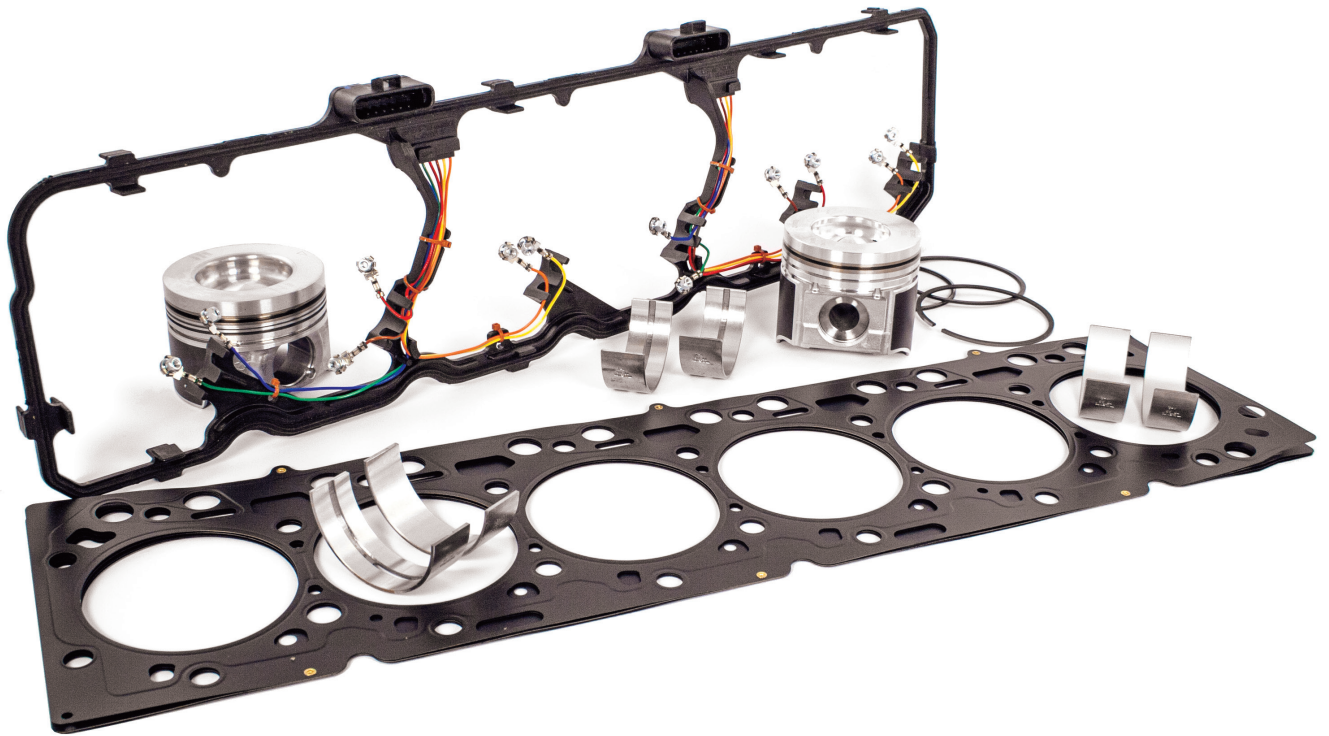


MAHLE

GREAT PARTS FOR GREAT ENGINES LIGHT/MEDIUM DUTY DIESEL ENGINE KITS



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CLEVITE[®]

MAHLE[®]

GREAT PARTS FOR GREAT ENGINES

All of our engine kits contain premium, MAHLE® gaskets, pistons, and rings along with Clevite® engine bearings. Oversizes and undersizes are listed when they're available. In some cases, there are multiple part numbers of the same product on the same engine. When they are marked with an asterisk (*), the appropriate part number must be chosen according to your particular rebuild.

In all cases, these parts meet or exceed the original equipment manufacturer's specifications and are warranted to be free from defects in original materials and workmanship for a period of one (1) year from the date of purchase.

The kit offerings in this flyer include the following engines:

- **Dodge 2.7L, 3.0L, 5.9L & 6.7L**
- **GM 6.6L**
- **Ford 6.0L, 6.4L, 6.7L & 7.3L**

Info you need to know when ordering a kit:

Sprinter:

- **Year**
- **Straight/tapered connecting rod**

Dodge:

- **CPL, engine serial number**
- **Fractured/machined connecting rod**

Ford:

- **Diameter of head dowels: 18MM or 20MM**

GM:

- **VIN code**
- **Required thickness of head gasket**

All Kits:

- **Oversize of pistons and rings**
- **Undersize of connecting rod bearings**
- **Undersize of main bearings**

Engine Kits Exclusive:

- **Engine kits are always freight prepaid**
- **No additional cost for available under and oversized parts (pistons, bearings, etc)**
- **Faster delivery based on multiple points of distribution**
- **The ability to ship directly to your customer**
- **Ease of look-up**
 - Online catalog search
 - Industry leading technical support

HEAD BOLTS SOLD SEPARATELY:

MAHLE gasket sets do not include head bolts. For your convenience, they are available, but sold separately. See the list below for the correct head bolts available for your kit:

KIT NUMBER	QTY	PART #
789-1000	1	GS33493
789-1001	1	GS33493
789-1002	1	GS33493
789-1003	1	GS33493
789-1004	1	GS33493
789-1006	1	GS33493
789-1007	2	GS33495 (Long)
789-1007	2	GS33519 (Short)
789-1008	2	GS33494
789-1009	2	GS33494
789-1010	2	GS33494
789-1011	2	GS33504
789-1012	2	GS33504
789-1013	2	GS33504
789-1014	2	GS33693
789-1015	1	GS33493
789-1016	1	GS33422
789-1017	1	GS33422
789-1018	2	GS33839
789-1019	2	GS33379
789-1020	2	GS33495 (Long)
789-1020	2	GS33519 (Short)

Other products available for diesels

- **Turbochargers**
- **Filters**
- **Thermostats**

2.7L DODGE

2003-2004 DODGE SPRINTER KIT NO. 789-1016

**Choose appropriate part number.*

QTY	PART #	DESCRIPTION	NOTES
5	224-3364WR* 224-3366WR*	Piston w/Rings Piston w/Rings	Straight Connecting Rod; Available in .020" and .040" Tapered Connecting Rod; Available in .020", .030" and .040"
5	CB-1842P	Connecting Rod Bearings	Available in .25MM and .50MM
1	MS-2248P	Main Bearing Set	Available in .25MM and .50MM
1	TW-620S	Thrust Washer Set	
1	HS54429	Upper Gasket Set	
1	CS54429	Lower Gasket Set	

2005-2006 DODGE SPRINTER KIT NO. 789-1017

QTY	PART #	DESCRIPTION	NOTES
5	224-3585WR	Piston w/Rings	OE # A646 030 10 17; Available in .50MM
5	CB-1842P	Connecting Rod Bearings	Available in .25MM and .50MM
1	MS-2248P	Main Bearing Set	Available in .25MM and .50MM
1	TW-620S	Thrust Washer Set	
1	HS54429	Upper Gasket Set	
1	CS54429	Lower Gasket Set	

3.0L DODGE SPRINTER

2007-2017 DODGE/MERCEDES-BENZ SPRINTER KIT NO. 789-1022

**Choose appropriate part number.*

QTY	PART #	DESCRIPTION	NOTES
6	224-3952	Piston	Available in .50MM
1	42191	Piston Ring Set	Available in .020"
6	CB-1960P	Connecting Rod Bearings	
1	MS-2347P	Main Bearing Set	
1	TW-713S	Thrust Washer Set	
1	HS54816	Upper Gasket Set	
1	CS54816-1*	Lower Gasket Set	Steel housing rear main seal
	CS54816-2*	Lower Gasket Set	Aluminum housing rear main seal

5.9L DODGE

1994-1998 DODGE RAM 2500, 3500 (ETB) KIT NO. 789-1003

**Choose appropriate part number.*

QTY	PART #	DESCRIPTION	NOTES
6	224-3520	Piston	Available in .020" and .040"
6	S42221	Piston Rings	Available in .020" and .040"
6	CB-1413P	Connecting Rod Bearings	Machined - Available in .25MM, .50MM and .75MM
1	MS-2328P	Main Bearing Set	Available in .25MM and .50MM
1	SH-1404	Camshaft Bearing	
1	HS4068*	Upper Gasket Set	Contains standard thickness head gasket
	HS4068A*	Upper Gasket Set	Contains .25MM thicker head gasket
	HS4068B*	Upper Gasket Set	Contains .50MM thicker head gasket
1	CS4068	Lower Gasket Set	

5.9L DODGE CONT'D

1998.5-2002 DODGE RAM 2500, 3500 (ETC) KIT NO. 789-1004**Choose appropriate part number.*

QTY	PART #	DESCRIPTION	NOTES
6	224-3355	Piston	Available in .020" and .040"
6	S42170	Piston Rings	Available in .020" and .040"
6	CB-1873AP* CB-1413P*	Connecting Rod Bearings Connecting Rod Bearings	Fractured - Available in .25MM, .50MM and .75MM Machined - Available in .25MM, .50MM and .75MM
1	MS-2328P	Main Bearing Set	Available in .25MM and .50MM
1	SH-1981	Camshaft Bearing	
1	HS54174-2	Upper Gasket Set	
1	CS54174	Lower Gasket Set	

2001-2002 DODGE RAM 2500, 3500 (ETH) KIT NO. 789-1006**Choose appropriate part number.*

QTY	PART #	DESCRIPTION	NOTES
6	224-3354	Piston	Available in .020" and .040"
6	S42170	Piston Rings	Available in .020" and .040"
6	CB-1873AP* CB-1413P*	Connecting Rod Bearings Connecting Rod Bearings	Fractured - Available in .25MM, .50MM and .75MM Machined - Available in .25MM, .50MM and .75MM
1	MS-2328P	Main Bearing Set	Available in .25MM and .50MM
1	SH-1981	Camshaft Bearing	
1	HS54174-2	Upper Gasket Set	
1	CS54174	Lower Gasket Set	

2003-2004.5 DODGE RAM 2500, 3500 (ETC) KIT NO. 789-1001**Choose appropriate part number.*

QTY	PART #	DESCRIPTION	NOTES
6	224-3672	Piston	Available in .020" and .040"
6	S42170	Piston Rings	Available in .020" and .040"
6	CB-1873AP* CB-1413P*	Connecting Rod Bearings Connecting Rod Bearings	Fractured - Available in .25MM, .50MM and .75MM Machined - Available in .25MM, .50MM and .75MM
1	MS-2328P	Main Bearing Set	Available in .25MM and .50MM
1	SH-1981	Camshaft Bearing	
1	HS54556* HS54557*	Upper Gasket Set Upper Gasket Set	Contains 1.20MM service specific over-bore head gasket Contains 1.28MM standard head gasket
1	CS54556	Lower Gasket Set	

2003-2004 DODGE RAM 2500, 3500 (ETC) KIT NO. 789-1002**Choose appropriate part number.*

QTY	PART #	DESCRIPTION	NOTES
6	224-3674	Piston	Available in .020" and .040"
6	S42170	Piston Rings	Available in .020" and .040"
6	CB-1873AP* CB-1413P*	Connecting Rod Bearings Connecting Rod Bearings	Fractured - Available in .25MM, .50MM and .75MM Machined - Available in .25MM, .50MM and .75MM
1	MS-2328P	Main Bearing Set	Available in .25MM and .50MM
1	SH-1981	Camshaft Bearing	
1	HS54556* HS54557*	Upper Gasket Set Upper Gasket Set	Contains 1.20MM service specific over-bore head gasket Contains 1.28MM standard head gasket
1	CS54556	Lower Gasket Set	

5.9L DODGE CONT'D

2004.5-2009 DODGE RAM 2500, 3500 (ETH) KIT NO. 789-1000

*Choose appropriate part number.

QTY	PART #	DESCRIPTION	NOTES
6	224-3673	Piston	Available in .020" and .040"
6	S42170	Piston Rings	Available in .020" and .040"
6	CB-1873AP	Connecting Rod Bearings	Available in .25MM, .50MM and .75MM
1	MS-2328P	Main Bearing Set	Available in .25MM and .50MM
1	SH-1981	Camshaft Bearing	
1	HS54556*	Upper Gasket Set	Contains 1.20MM service specific over-bore head gasket
	HS54557*	Upper Gasket Set	Contains 1.28MM standard head gasket
1	CS54556	Lower Gasket Set	

6.7L DODGE

2007-2017 DODGE/RAM 2500, 3500, 4500, 5500 (ETJ/ETK) VIN: L OR A KIT NO. 789-1015 †

QTY	PART #	DESCRIPTION	NOTES
6	224-3732	Piston	Available in .020"
6	S42140	Piston Rings	Available in .020"
6	CB-1873AP	Connecting Rod Bearings	Available in .25MM, .50MM and .75MM
1	MS-2328P	Main Bearing Set	Available in .25MM and .50MM
1	SH-1981	Camshaft Bearing	
1	HS54774-1	Upper Gasket Set	
1	CS54774-1	Lower Gasket Set	
1	VS50543	Valve Cover Set	With integrated wire harness
1	48383	Timing Cover Seal	
1	48384	Crankshaft Seal	

† Note 2013+ Only Cab & Chassis Models

6.0L FORD

2003-2004 FORD F250, F350, F450, F550 KIT NO. 789-1010

QTY	PART #	DESCRIPTION	NOTES
8	224-3454	Piston	Available in .020", .030" and .040"
1	41940	Piston Ring Set	Available in .020", .030" and .040"
8	CB-1814P	Connecting Rod Bearings	Available in .25MM, .50MM and .75MM
1	MS-2223P	Main Bearing Set	Available in .25MM, .50MM and .75MM
1	SH-1996S	Camshaft Bearing Set	
1	HS54450	Upper Gasket Set	18MM cylinder head dowel
1	CS54450	Lower Gasket Set	

2004-2007 FORD F250 – F550 & 2004-2010 E250 – E450 KIT NO. 789-1008

*Choose appropriate part number.

QTY	PART #	DESCRIPTION	NOTES
8	224-3503*	Piston	Available in .010", .020", .030" and .040"
	224-3902*	Piston	Reduced Compression; Available in .010", .020", .030" and .040"
1	41940	Piston Ring Set	Available in .010", .020", .030" and .040"
8	CB-1814P	Connecting Rod Bearings	Available in .25MM, .50MM and .75MM
1	MS-2223P	Main Bearing Set	Available in .25MM, .50MM and .75MM
1	SH-1996S	Camshaft Bearing Set	
1	HS54579	Upper Gasket Set	20MM cylinder head dowel
1	CS54450	Lower Gasket Set	

6.0L FORD CONT'D

2004-2007 FORD F250 – F550 & 2004-2010 E250 – E450 KIT NO. 789-1009 *Choose appropriate part number.

QTY	PART #	DESCRIPTION	NOTES
8	224-3503*	Piston	Available in .010", .020", .030" and .040"
	224-3902*	Piston	Reduced Compression; Available in .010", .020", .030" and .040"
1	41940	Piston Ring Set	Available in .010", .020", .030" and .040"
8	CB-1814P	Connecting Rod Bearings	Available in .25MM, .50MM and .75MM
1	MS-2223P	Main Bearing Set	Available in .25MM, .50MM and .75MM
1	SH-1996S	Camshaft Bearing Set	
1	HS54450	Upper Gasket Set	18MM cylinder head dowel
1	CS54450	Lower Gasket Set	

6.4L FORD

2008-2010 FORD F250, F350, F450, F550 VIN: R KIT NO. 789-1007 *Choose appropriate part number.

QTY	PART #	DESCRIPTION	NOTES
8	224-3666*	Piston	Available in .25MM, .50MM and .75MM
	224-3891*	Piston	Reduced Compression; Available in .25MM, .50MM and .75MM
1	42097	Piston Ring Set	Available in .010", .020" and .030"
8	CB-1869P	Connecting Rod Bearings	Available in .25MM, .50MM and .75MM
1	MS-2269P	Main Bearing Set	Available in .25MM, .50MM and .75MM
1	SH-1996S	Camshaft Bearing Set	
1	HS54657	Upper Gasket Set	
1	CS54657	Lower Gasket Set	

2008-2010 FORD F250, F350, F450, F550 w/ MAXXFORCE PISTONS KIT NO. 789-1020 *Choose appropriate part number.

QTY	PART #	DESCRIPTION	NOTES
8	224-3851*	Piston	Available in .25MM, .50MM and .75MM
	224-3953*	Piston	Reduced Compression; Available in .25MM, .50MM and .75MM
1	42246	Piston Ring Set	Available in .010", .020" and .030"
8	CB-1869P	Connecting Rod Bearings	Available in .25MM, .50MM and .75MM
1	MS-2269P	Main Bearing Set	Available in .25MM, .50MM and .75MM
1	SH-1996S	Camshaft Bearing Set	
1	HS54657	Upper Gasket Set	
1	CS54657	Lower Gasket Set	

6.7L FORD

2011-2015 FORD F250, F350, F450, F550 VIN: T KIT NO. 789-1014 *Choose appropriate part number.

QTY	PART #	DESCRIPTION	NOTES
8	224-3852	Piston	Available in .50MM and 1.00MM
1	42168	Piston Ring Set	Available in .020" and .040"
8	CB-1953AP	Connecting Rod Bearings	Available in .25MM and .50MM
1	MS-2334A*	Main Bearing Set	Available in .25MM and .50MM
	MS-2350A*	Main Bearing Set	Coated lower bearing; Available in .25MM and .50MM
1	TW-711S	Thrust Washer	
1	HS54886	Upper Gasket Set	
1	CS54886	Lower Gasket Set	

7.3L FORD

1995-2003 FORD F250 - F550, E350 - E550 VIN: F KIT NO. 789-1019
**Choose appropriate part number.*

QTY	PART #	DESCRIPTION	NOTES
8	224-3163*	Piston	Available in .010", .020", .030" and .040"
	224-3409*	Piston	Reduced Compression; Available in .010", .020", .030" and .040"
1	41768	Piston Ring Set	Available in .010", .020", .030" and .040"
8	CB-1633P	Connecting Rod Bearings	Available in .010", .020", .030" and .040"
1	MS-2034P	Main Bearing Set	Available in .010", .020" and .030"
1	SH-1092S	Camshaft Bearing Set	
1	HS54204A	Upper Gasket Set	
1	CS54204A	Lower Gasket Set	
2	VS50329*	Valve Cover Gasket	1998-2003 (single valve cover)
	VS50328*	Valve Cover Gasket	1995-1997 (single valve cover)
8	GS33440	Fuel Injector O-ring Kit	1 Pack will service one injector
1	GS33716	Exhaust Pipe Gasket	

6.6L GENERAL MOTORS

2001-2005 GM TRUCK 2500, 3500 VIN: 1 OR 2 KIT NO. 789-1011
**Choose appropriate part number.*

QTY	PART #	DESCRIPTION	NOTES
4	224-3451	Piston (Left)	Available in .010", .020", .030" and .040"
4	224-3452	Piston (Right)	Available in .010", .020", .030" and .040"
1	41909	Piston Ring Set	Available in .010", .020", .030" and .040"
8	CB-1805P	Connecting Rod Bearings	Available in .25MM and .50MM
1	MS-2218P	Main Bearing Set	Available in .25MM and .50MM
1	SH-1999S	Camshaft Bearing Set	
1	TW-610S	Thrust Washer Set	
1	HS54580*	Upper Gasket Set	For VIN 1 (excludes head gasket - choose from gasket list below)
	HS54580A*	Upper Gasket Set	For VIN 2 (excludes head gasket - choose from gasket list below)
	54580*	Head Gasket (Right)	.95MM (Grade A) thickness
1	54581*	Head Gasket (Right)	1.00MM (Grade B) thickness
	54582*	Head Gasket (Right)	1.05MM (Grade C) thickness
	54583*	Head Gasket (Left)	.95MM (Grade A) thickness
1	54584*	Head Gasket (Left)	1.00MM (Grade B) thickness
	54585*	Head Gasket (Left)	1.05MM (Grade C) thickness
1	CS54580	Lower Gasket Set	

6.6L GENERAL MOTORS CONT'D**2006-2010 GM TRUCK 2500, 3500 VIN: D OR 2 KIT NO. 789-1012****Choose appropriate part number.*

QTY	PART #	DESCRIPTION	NOTES
4	224-3708	Piston (Right)	Available in .010", .020", .030" and .040"
4	224-3709	Piston (Left)	Available in .010", .020", .030" and .040"
1	41909	Piston Ring Set	Available in .010", .020", .030" and .040"
8	CB-1805P	Connecting Rod Bearings	Available in .25MM and .50MM
1	MS-2218P	Main Bearing Set	Available in .25MM and .50MM
1	SH-1999S	Camshaft Bearing Set	
1	TW-610S	Thrust Washer Set	
1	HS54580A	Upper Gasket Set	Excludes head gasket - choose from gasket list below
	54580*	Head Gasket (Right)	.95MM (Grade A) thickness
1	54581*	Head Gasket (Right)	1.00MM (Grade B) thickness
	54582*	Head Gasket (Right)	1.05MM (Grade C) thickness
	54583*	Head Gasket (Left)	.95MM (Grade A) thickness
1	54584*	Head Gasket (Left)	1.00MM (Grade B) thickness
	54585*	Head Gasket (Left)	1.05MM (Grade C) thickness
1	CS54580	Lower Gasket Set	

2006-2010 GM TRUCK 2500, 3500 VIN: 6 KIT NO. 789-1013**Choose appropriate part number.*

QTY	PART #	DESCRIPTION	NOTES
4	224-3708	Piston (Right)	Available in .010", .020", .030" and .040"
4	224-3709	Piston (Left)	Available in .010", .020", .030" and .040"
1	41909	Piston Ring Set	Available in .010", .020", .030" and .040"
8	CB-1805P	Connecting Rod Bearings	Available in .25MM and .50MM
1	MS-2218P	Main Bearing Set	Available in .25MM and .50MM
1	SH-1999S	Camshaft Bearing Set	
1	TW-610S	Thrust Washer Set	
1	HS54580B	Upper Gasket Set	Excludes head gasket - choose from gasket list below
	54580*	Head Gasket (Right)	.95MM (Grade A) thickness
1	54581*	Head Gasket (Right)	1.00MM (Grade B) thickness
	54582*	Head Gasket (Right)	1.05MM (Grade C) thickness
	54583*	Head Gasket (Left)	.95MM (Grade A) thickness
1	54584*	Head Gasket (Left)	1.00MM (Grade B) thickness
	54585*	Head Gasket (Left)	1.05MM (Grade C) thickness
1	CS54580	Lower Gasket Set	

6.6L GENERAL MOTORS CONT'D

2011-2016 GM DURAMAX TRUCK 2500, 3500 VIN: 8 OR L KIT NO. 789-1018
**Choose appropriate part number.*

QTY	PART #	DESCRIPTION	NOTES
8	224-3935	Piston	Available in .25MM, .50MM, .75MM and 1.00MM
1	42160	Piston Ring Set	Available in .010", .020", .030" and .040"
8	CB-1805P* CB-1990P*	Connecting Rod Bearings Connecting Rod Bearings	Rod Marked - B, Available in .25MM and .50MM Rod Marked - A, Available in .25MM and .50MM
1	MS-2218P	Main Bearing Set	Available in .25MM and .50MM
1	SH-1999S	Camshaft Bearing Set	
1	TW-610S	Thrust Washer Set	
1	HS54580C	Upper Gasket Set	Excludes head gasket - choose from gasket list below
1	55022*	Head Gasket (Right)	.95MM (Grade A) thickness
1	55024*	Head Gasket (Right)	1.00MM (Grade B) thickness
1	55026*	Head Gasket (Right)	1.05MM (Grade C) thickness
1	55023*	Head Gasket (Left)	.95MM (Grade A) thickness
1	55025*	Head Gasket (Left)	1.00MM (Grade B) thickness
1	55027*	Head Gasket (Left)	1.05MM (Grade C) thickness
1	CS54580B	Lower Gasket Set	

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