

F-series engine bearings

The best got even better!

With the higher demands placed on today's engine bearings, MAHLE introduces the F-series engine bearing. The F-series bearing is the new standard for reliability with the highest load carrying and thrust load ability in the industry; accomplished by using the latest technology in materials and designs.

The F-series bearing is a TriMetal™ lead-tin-indium-alumina electroplated overlay applied over MAHLE's cast bronze lead substrate for maximum performance and reliability. The added ramp and pad thrust face creates increased oil pressure to the thrust wear surface which increases lubrication and bearing cooling; resulting in an ability to withstand a higher thrust load than conventional flat thrust surfaces.

Benefits of the F-series engine bearing:

- + Testing has shown a 126% increase in load carrying capacity before seizure vs conventional copper/tin/lead overlay bearings

Bearing type	PSI	F-series PSI	Increase
Conventional	13,779	31,183	126%
Coated	30,095	31,183	5%

- + Increased fatigue strength & wear resistance overlay
- + Higher seizure resistance over a coated bearing with no additional thickness
- + Ramp and pad designed thrust face (when applicable)
 - 93% thrust load increase versus flat pad thrust design
 - 1,821 lbf versus 944 lbf



SCAN TO WATCH VIDEO

Chevrolet V8 LS

LS1, LS6 / 6.0L LS2 / 6.2L LS3 Engines

Qty	Part no.	Description	Notes
8	CB-663FN	F Series Rod Bearing Set	Narrowed
8	CB-663FXN	F Series Rod Bearing Set	X - .001 Extra Oil Clearance / Narrowed
8	CB-663FN-1	F Series Rod Bearing Set	.001 Oversize / Narrowed
8	CB-663FND	F Series Rod Bearing Set	Narrowed / Doweled
8	CB-663FXND	F Series Rod Bearing Set	X - .001 Extra Oil Clearance / Narrowed / Doweled
8	CB-663FND-1	F Series Rod Bearing Set	.001 Oversize / Narrowed / Doweled
1	MS-2411F	F Series Main Bearing Set	
1	MS-2411FX	F Series Main Bearing Set	X - .001 Extra Oil Clearance
1	MS-2411F-1	F Series Main Bearing Set	.001 Oversize
1	MS-2411F-10	F Series Main Bearing Set	.010 Undersize

Chevrolet V8 Small Block

262, 265, 267, 283, 302, 305, 307, 327, 350, 400 Engines

Qty	Part no.	Description	Notes
8	CB-663FN	F Series Rod Bearing Set	Narrowed
8	CB-663FXN	F Series Rod Bearing Set	X - .001 Extra Oil Clearance / Narrowed
8	CB-663FN-1	F Series Rod Bearing Set	.001 Oversize / Narrowed
8	CB-663FND	F Series Rod Bearing Set	Narrowed / Doweled
8	CB-663FXND	F Series Rod Bearing Set	X - .001 Extra Oil Clearance / Narrowed / Doweled
8	CB-663FND-1	F Series Rod Bearing Set	.001 Oversize / Narrowed / Doweled
1	MS-909F	F Series Main Bearing Set	
1	MS-909FX	F Series Main Bearing Set	X - .001 Extra Oil Clearance
1	MS-909F-1	F Series Main Bearing Set	.001 Oversize
1	MS-2411F-10	F Series Main Bearing Set	.010 Undersize

Chevrolet V8 Big Block

396, 402, 427, 454, 496, 502, 540, 572, 632 Engines

Qty	Part no.	Description	Notes
8	CB-743FN	F Series Rod Bearing Set	Narrowed
8	CB-743FXN	F Series Rod Bearing Set	X - .001 Extra Oil Clearance / Narrowed
8	CB-743FN-1	F Series Rod Bearing Set	.001 Oversize / Narrowed
8	CB-743FND	F Series Rod Bearing Set	Narrowed / Doweled
8	CB-743FXND	F Series Rod Bearing Set	X - .001 Extra Oil Clearance / Narrowed / Doweled
8	CB-743FND-1	F Series Rod Bearing Set	.001 Oversize / Narrowed / Doweled
1	MS-829F	F Series Main Bearing Set	
1	MS-829FX	F Series Main Bearing Set	X - .001 Extra Oil Clearance
1	MS-829F-1	F Series Main Bearing Set	.001 Oversize
1	MS-2411F-10	F Series Main Bearing Set	.010 Undersize