



TRUSTED TECHNOLOGY BEHIND EVERY PART

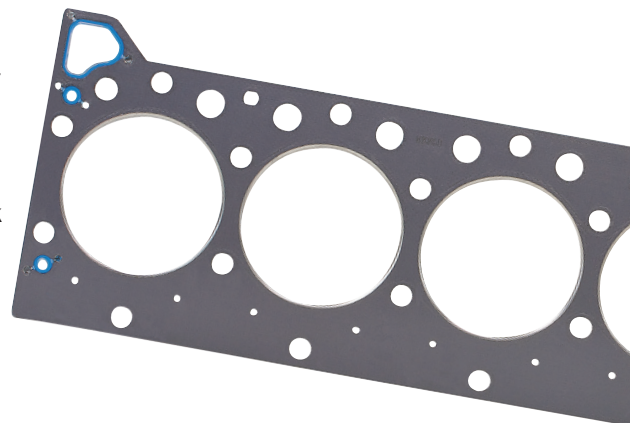
FP Diesel® Engine Kits and Components for the Cummins® ISX15/QSX15 Engine

with FP Diesel replacement technologies behind every part



ML7™ HEAD GASKET SET

- 7-layer construction with advanced graphite facing material over a thicker perforated stainless steel core for increased rigidity
- Fully encapsulated grommets that allow gasket to seat properly
- Felgraphic® body that is impervious to fluids providing greater durability
- PTFE and silicone coating provides enhanced micro-sealing and anti-stick properties
- Copper flash-coated steel wire rings that eliminate stress on the combustion armor
- 1/4 Hard stainless steel combustion armor for superior sealing



POWERFORGED® PISTONS

- Exclusive friction-welded one-piece forged steel technology
- Exceptional piston strength
- Cooler piston temperatures
- Reduced piston deformity
- Improved ring sealing and ring life
- Reduced pin bore stress
- Diminished scuffing and superior break-in
- Specifically designed for the replacement market



**TRUSTED
TECHNOLOGY**
Engineered to thrive in demanding work environments.

CYLINDER COMPONENTS

PISTON*	PISTON KIT	CYLINDER KITS	CPL	DESCRIPTION	APPLICATION
FP-4923743	FP-4089894	FP-LK37431633 ¹ FP-LK37435235 ²	8283, 8284, 8285, 8286, 8518, 8519, 8522, 8521, 8281, 8282, 8660	ISX15 2002	On-Highway
FP-2882635	FP-2881873	FP-LK26351633 ¹ FP-LK26355235 ²	1771, 2629, 2933, 8242, 8244, 8255, 8257, 2441	ISX1 / ISX2	On-Highway
FP-2882636	FP-2881876	FP-LK26361633 ¹ FP-LK26365235 ²	2834, 2835, 2836, 2837, 2900, 8246, 8247	ISX3 / Signature	On-Highway, Power Generators
FP-4298992	FP-2882120	FP-LK89921633 ¹ FP-LK89925235 ²	2825, 8081, 8142, 8469, 8571, 8587, 8588	QSX Tier 2	Non Road, Power Generators, Industrial
FP-4923747	FP-4089898	FP-LK37471633 ¹ FP-LK37475235 ²	1437, 8520, 8523, 8287, 8288	ISX15 2002	On-Highway
FP-2882630	FP-2881879	FP-LK26301633 ¹ FP-LK26305235 ²	1437, 2732, 3229, 3459, 3775	ISX15 2007	On-Highway
FP-2882631	FP-2881878	FP-LK26311633 ¹ FP-LK26315235 ²	0927, 1434, 2733, 2919, 2965, 3167, 3458, 8660	ISX15 2007	On-Highway
FP-4298991	FP-2882118	FP-LK89911633 ¹ FP-LK89915235 ²	1732, 8760, 8761, 8762, 3087, 3088, 4262	QSX Tier 3	Non Road, Locomotive, Industrial

*Not Sold Separately

¹ uses FP-4311633 liner with 150MM OD flange, and shim

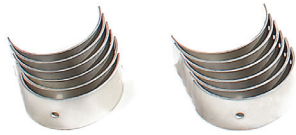
² uses FP-3685235 liner with 152MM OD flange

Individual engine components →

FP Diesel® Engine Kits and Components for the Cummins® ISX15/QSX15 Engine



ENGINE BEARINGS



Connecting Rod Bearings

FP Diesel P/N	Description
FP-4089405S	Std
FP-4090016	.25mm
FP-4090017	.50mm



Main Bearings

FP Diesel P/N	Description
FP-3800298	Std
FP-4089845	.25mm
FP-4089846	.50mm



Camshaft Bearings

FP Diesel P/N	Description
FP-3680580	
FP-3680581	
FP-4026423	

LINER KITS



FP Diesel P/N	Description
FP-4311633	Liner, 150MM OD Flange
FP-3685235	Liner, 152MM OD Flange
FP-2881719	Liner w/Sealing Ring (ISX 2010)
FP-4309389	Liner w/Shim and Sealing Ring
FP-4311637	Shim

OTHER



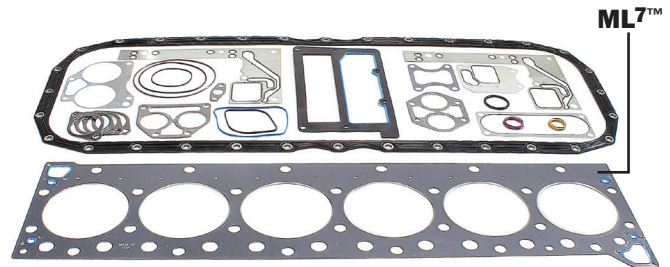
FP Diesel P/N	Description
FP-3412860	Piston Cooling Nozzle
FP-4309500	Oil Pump
FP-3820320	Bypass Valve Plunger
FP-4973373	Thermostat, 180 Deg. F, Non-EGR
FP-4318947	Thermostat, 180 Deg. F, Single Housing
FP-4336659	Thermostat, 180 Deg. F, Dual Housing
FP-4089908	Water Pump - 10 Rib Pulley
FP-4089910	Water Pump - 12 Rib Pulley
FP-3684450	Water Pump - 12 Rib Pulley
FP-4090022	Water Pump Repair Kit

VALVETRAIN COMPONENTS



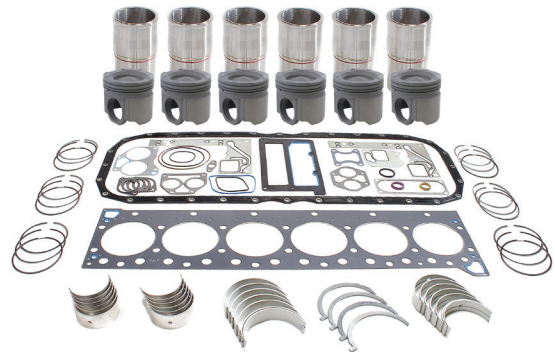
FP Diesel P/N	Description
FP-4101454	Valve, Exhaust
FP-4965868	Valve, Intake
FP-3104445	Intake Seat
FP-4026657	Valve Guide
FP-3680883	Valve Keeper
FP-3679659	Exhaust Seat
FP-3679551	Valve Spring
FP-3680884	Valve Spring Retainer

GASKETS AND SEALING COMPONENTS



FP Diesel P/N	Description
FP-4955595	ML7™ Head Gasket Set - Non EGR
FP-4955596	ML7™ Head Gasket Set - EGR
FP-2881767	ML7™ Head Gasket Set - ISX 2010 & UP, EGR
FP-4955590	Lower Gasket Set
FP-4955591	Lower Gasket Set - EGR
FP-2881766	Lower Gasket Set - ISX 2010 & UP, EGR
FP-4026684	Oil Pan Gasket
FP-4955383	Front Crankshaft Seal Kit
FP-4965569	Rear Crankshaft Seal Kit
FP-4955665	Oil Seal Kit

ENGINE KITS



Engine Kit Part No.	Description	Application
FP-IFKISX15E	In-Frame Overhaul Kit	Non-EGR
FP-IFKISX15L	In-Frame Overhaul Kit	EGR
FP-OHISX15E	Complete Overhaul Kit	Non-EGR
FP-OHISX15L	Complete Overhaul Kit	EGR
FP-RR4309389	Re-Ring Kit	150MM Liner, Non-EGR
FP-RR4309389L	Re-Ring Kit	150MM Liner, EGR
FP-RR2881719	Re-Ring Kit	152MM Liner, NON-EGR
FP-RR2881719L	Re-Ring Kit	152MM Liner, EGR

PISTON RING SET



FP Diesel P/N
FP-4309441