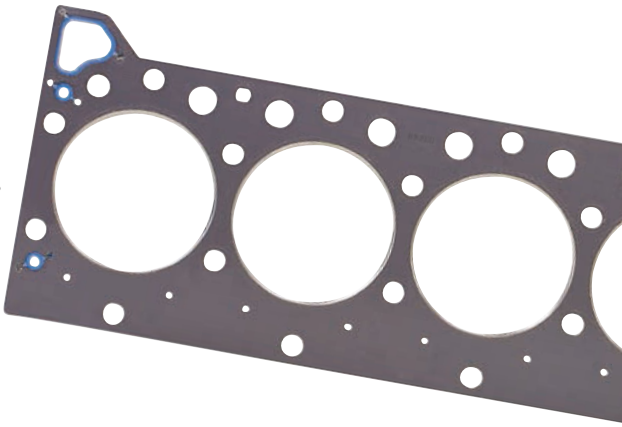
RF ENGINE
YOUR ENGINE & ENGINE PARTS EXPERTS!
800-828-6943 www.DIESELCRANKS.com

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.

ENGINE KITS

FP-OHISX15E Overhaul Kit – Complete, NON-EGR
FP-OHISX15L Overhaul Kit – Complete, EGR

Not Pictured

FP-RR4309389 Re-Ring Kit, NON-EGR
FP-RR4309389L Re-Ring Kit, EGR
FP-RR2881719 Re-Ring Kit (ISX 2010 & up, NON-EGR)
FP-RR2881719L Re-Ring Kit (ISX 2010 & up, EGR)

- Piston Rings
- Cylinder Liners, O-rings, Shims
- Connecting Rod Bearings
- Main Bearings
- Head Gasket Set
- Oil Pan Gasket

Includes ML7™ Head Gasket Set

FP-IFKISX15E In-Frame Overhaul Kit, NON-EGR
FP-IFKISX15L In-Frame Overhaul Kit, EGR

- Pistons
- Piston Rings
- Pins and Retainers
- Cylinder Liners, O-rings, Shims
- Connecting Rod Bearings
- Main Bearings
- Head Gasket Set
- Oil Pan Gasket

Includes POWERFORGED® pistons and ML7™ Head Gasket Set

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
FP-3680580
FP-3680581
FP-4026423

POWERFORGED® PISTONS *WITH FRICTION-WELDED ONE-PIECE FORGED STEEL DESIGN**

Not sold separately

FP Diesel P/N	Description
FP-4923743	ISX 2002
FP-2882635	ISX1 / ISX2
FP-2882636	ISX3 / Signature
FP-4298992	QSX

PISTON KITS – WITH PIN, RETAINERS & RINGS

FP Diesel P/N	Description
FP-4089894	ISX 2002
FP-2881873	ISX1 / ISX2
FP-2881876	ISX3 / Signature
FP-2882120	QSX

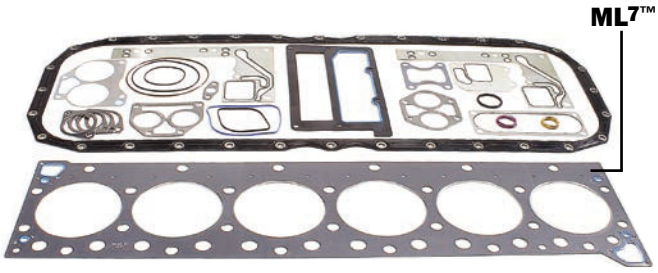
LINER KITS

FP Diesel P/N	Description
FP-2881719	Liner w/Sealing Ring (ISX 2010)
FP-4309389	Liner w/Shim and Sealing Ring

CYLINDER KITS – COMPLETE

FP Diesel P/N	Description
FP-LK26351633	ISX Cylinder Kit, 150mm liner with shim, 2882635 Piston
FP-LK26361633	ISX Cylinder Kit, 150mm liner with shim, 2882636 Piston
FP-LK37431633	ISX Cylinder Kit, 150mm liner with shim, 4923743 Piston
FP-LK89921633	QSX Cylinder Kit, 150mm liner with shim, 4298992 Piston
FP-LK37435235	ISX Cylinder Kit, 152mm liner, 4923743 Piston
FP-LK26355235	ISX Cylinder Kit, 152mm liner, 2882635 Piston
FP-LK26365235	ISX Cylinder Kit, 152mm liner, 2882636 Piston
FP-LK89925235	QSX Cylinder Kit, 152mm liner, 4298992 Piston

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-4955590	Lower Gasket Set
FP-4955591	Lower Gasket Set - EGR
FP-186780	Thermostat Seal
FP-3678756	O-ring Turbo
FP-3680602	Thermostat Housing/Cover Gasket
FP-3682710	Exhaust Manifold Gasket
FP-3682940	Exhaust Manifold Gasket
FP-3684336	Thermostat Housing/Cover Gskt.
FP-3685535	Turbocharger Gasket
FP-3688347	Intake Manifold Gasket
FP-4026684	Oil Pan Gasket
FP-4026884	Turbocharger Gasket
FP-4907446	Exhaust Manifold Gasket
FP-4907447	Exhaust Manifold Gasket
FP-4907448	Exhaust Manifold Gasket
FP-4955383	Front Crankshaft Seal Kit
FP-4955665	Oil Seal Kit
FP-4965569	Rear Crankshaft Seal Kit
FP-5253019	EGR Valve Gasket

PISTON RING SET

FP Diesel P/N
FP-4309441

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

OTHER

FP Diesel P/N	Description
FP-3412860	Piston Cooling Nozzle
FP-3820320	Bypass Valve Plunger
FP-4973373	Thermostat
FP-4089908	Water Pump - 10 Rib Pulley
FP-4089910	Water Pump - 12 Rib Pulley

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