



"Quality without Compromise"

INTERSTATE-McBEE

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New Product Release April 2017

Updated Cummins® ISX Engine Kits

Interstate-McBee is proud to announce the release of our **M-4376177***, **M-4376178***, and **M-4376179* In-Chassis Engine Kits** featuring carbon scraper ring style cylinder liner kits. These kits allow rebuild opportunities for ISX15/QSX15 Tier 4 XPI, single cam MCRS models first produced in 2010.



Scraper Ring placement



The new engine kits feature the **M-4376168* Cylinder Liner Kit**. Commonly known as an APR (Anti-Polishing Ring) Liner, it has a removable integrated carbon scraper ring at the top of the cylinder liner. This ring is designed to prevent carbon from contacting the cylinder walls while in operation.

Without the carbon scraping ring, the piston builds up with carbon causing the cylinder walls to become polished. This may result in increased oil consumption, decreased oil filter flow, and increased DPF regeneration.

Engine Kits include:

- Cylinder Liner Kits
- 1-piece Low Ring Pack Pistons
- Premium Piston Rings
- In-House Manufactured Upper Gasket Set
- Connecting Rod Bearings
- Main Bearings

Cylinder Liner Kits include:

- Cylinder Liner
- Carbon Scraper Ring
- Liner Seal
- Liner Shim

Please note these newly updated Cylinder Liner Kits are not interchangeable with previous cylinder liner types.

Please contact Interstate-McBee for proper usage.

*=These items are currently not available for sale, installation or use for any vehicles in the state of California until the applicable regulatory approvals are granted by the California Air Resource Board.

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New Product Release April 2017

New Cummins® Hardware Kits and Gasket Set

ISX/QSX Exhaust Hardware Kits

Interstate-McBee listens to our customers valued feedback and has developed the **MCBISX009** and **MCBISX019 Custom Exhaust Hardware Kits**. Included in each kit are quality made in the USA capscrews and spacers for mounting the exhaust manifold as well as the high temperature, non-magnetic turbocharger mounting studs and nuts.

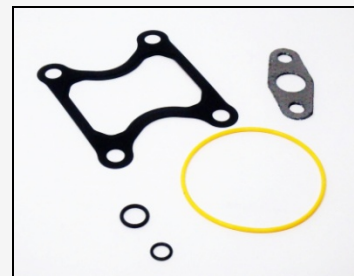
When used in conjunction with our factory produced upper gasket sets, these custom hardware kits afford cost and time efficient cylinder head installation.



Part Number	Description	Application
MCBISX009	Exhaust Hardware Kit	ISX-QSX CM570, ISX CM2250 CM2350
MCBISX019	Exhaust Hardware Kit	ISX CM870 CM871

ISX/QSX Turbocharger Gasket Set

The convenient **M-4032516 Turbocharger Gasket Set** is applicable to both the ISX automotive and the QSX industrial models which utilize the HX60W turbocharger and CM570 engine control module. Each set contains all the mounting gaskets and seals required for turbo charger replacement.



Contact an Interstate-McBee Representative for more details.

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New Product Release April 2017

Additional Cummins® Cylinder Head Components

ISX/QSX Pin and Roller Replacement Kit

Interstate-McBee is now stocking the **M-3679487PR Pin and Roller Kit** as a repair alternative for ISX/QSX models with 14mm cam follower rollers. This kit can be used on most engines produced thru the 2002 model year. Each kit contains one new hardened steel roller, new pin and new lock pin which are all made in the USA.

This Interstate-McBee exclusive kit affords our customers an inexpensive alternative to complete replacement of the rocker arm.



KT38 and KT50 High Horsepower Valve Inserts



The **M-3086191** and **M-3086192 Valve Inserts** are manufactured from high temperature, iron-base alloy which exhibit superior wear resistance leading to longer component life. These are very popular in KT38 / KT50 power generation engine models which operate with continuous high cylinder pressure and high temperature.

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New Product Release April 2017

Remanufactured Fuel Injectors for Caterpillar® 3406E/C15 Engine Applications

Interstate-McBee has added to our line of reliable and cost saving 3406E and C15 Remanufactured Fuel Injectors. Each item is engineered to the specific standards called for by the application and fully backed by our comprehensive Interstate-McBee warranty.

Part Number	Engine Serial Number
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R-10R8501	1LW, 2WS, 6NZ
R-10R8502	4AS, 5EK, 6TS
R-10R0955	1MZ, 5EK, 6BR, 6TS
R-10R0956	2WS, 6NZ
R-10R1000	MBN
R-10R1273	BXS, MXS, NXS, RKS, TRB,



Interstate-McBee injector features:

- Each injector includes a new Trim Code which increases fuel efficiency and accuracy while reducing emissions.
- Non-ACERT applications - the Trim Code is printed on the injector (see Pic A).
- ACERT applications – a Trim File CD is included in the packaging.
- 100% surface lapping of critical components ensures pressure sealing of sub-assemblies.
- Complete set of new installation o-rings for proper seal between the injector and the cylinder head.

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New Product Release April 2017

Caterpillar® Custom Gasket Sets for C32 Engine

Interstate-McBee announces the addition of **C32** engine coverage to our "custom" high quality gasket sets for Caterpillar® engine applications. New sets are now available for generator, industrial and many Caterpillar® machine models. Our custom sets utilize the correct material for the specific application which ensures the gasket will perform without compromising its functionality and sealing ability. Proper material selection depends upon temperature variations, pressure, and contact with a variety of fluids and surfaces. The additions listed below, like all of our Custom Gasket Sets, are assembled at the Cleveland factory with quality components and system oriented packaging for reliability and ease of installation.



Model	MSN	ESN	Major O/H	In-Chassis	Cyl. Head
D11T	GEB-JEL-JNS-Z9K	LJW-WHH-WZH	MCBC32041	MCBC32042	MCBC32043
777F	JRP-JXP	LJW	MCBC32011	MCBC32012	MCBC32013
777G	GT7-RDR-T4Y-T5A-TNM	FHS-FZS			
854K	221-H8M-H9K	MHM-MZM	MCBC32021		
992K	880-H4C-ZMX	LJW-MHM			
993K	Z4D-Z4Z-Z9K	LJW-NHK-NZK			
Generator	JAZ-JSJ-K7C-SXC-WDR	PRH-SYC	MCBC32031	MCBC32032	MCBC32033
Industrial		NST-TLD			

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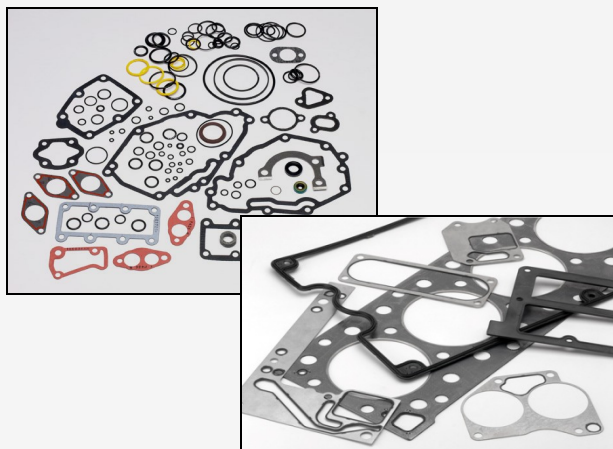
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New Product Release April 2017

Caterpillar® Modular Gasket Sets for C32 Engine

Interstate-McBee has also added many Caterpillar® **C32** modular style Gasket Sets. Although we continue to expand our very popular Interstate-McBee Custom Gasket Set offering, some customers prefer the OEM style modular gasket set versions for jobs that may only need some of the components serviced in a major set. Although these are in the OEM format, they are packed using the same "all-in-one" component groups making installation convenient and economical.



Part Number	Description
M-5086019	Gasket Set - Aftercooler
M-4337509	Gasket Set – Central & Lower
M-4519218	
M-4553257	
M-4924408	
M-5082010	
M-5177229	
M-3151436	Gasket Set – Front Structure
M-4317742	
M-4337511	
M-4349762	
M-4561686	
M-5081973	
M-4349763	Gasket Set – Oil Cooler
M-4518601	
M-4553258	
M-4612531	
M-4913713	
M-5081928	
M-3604171	Gasket Set – Rear Structure
M-4167023	
M-4324250	
M-4518604	Gasket Set – Water Lines
M-4324365	
M-4354115	Gasket Set – Water Pump
M-3135974	

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New Product Release April 2017

Expanded Caterpillar® Heavy Duty Engine Coverage

Interstate-McBee has expanded our stock offerings to now include the **M-3453399 Oversize Injector Sleeve** and the **M-2287094 Oversized Bottom O-ring Seal**. These stainless steel injector tubes are used in many rebuilt cylinder heads for 3406E, C15, C16, and C18 engine models.

With proper machine work the sleeve and the corresponding seal can be used to salvage cylinder heads that are out of specification in the injection tube bore area saving the customer the cost of full replacement.



Interstate-McBee Receives Industry QA Certification

Interstate-McBee is proud to announce we have been awarded the M-1003 Quality Assurance Program Certification from the Association of American Railroads. The M-1003 states that Interstate-McBee has demonstrated a high level of compliance with standards and practices of quality assurance that define, establish, and maintain an effective system for the manufacturing and service of our industry. All Interstate-McBee facilities are also ISO 9001 with Design certified which gives us one of the top Quality Assurance Departments in the industry, in turn giving our customers confidence in not only our product but our service and training as well.



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