



# INTERSTATE-McBEE

[www.interstate-mcbee.com](http://www.interstate-mcbee.com)



**Serving the Diesel and  
Natural Gas Industry for  
over 65 years.**

*"Quality without Compromise"*



## New Product Release October 2016

### Additional Caterpillar® Products from Interstate-McBee

#### C18 Pistons and Cylinder Kits

The **M-3196715** and **M-3294510** Pistons expand our already extensive Caterpillar® C18 component coverage. Both of these high quality piston assemblies are USA manufactured as a one piece forged steel unit for strength and durability in the demanding applications they service.



The **M-CK3196715P** and **M-CK3294510P** Cylinder Kits include premium quality ring sets for better sealing and lower oil consumption.



See the table for basic applications or contact an Interstate-McBee Customer Service Representative for more details.

Piston Number	Basic Application	Engine Serial #
M-3196715	Industrial - Marine - Generator	CKH-ELL-ELM-P1A-P5Z-PLE-STH-WJH-WRH
M-3294510	Machine Engines	RHX-TXH-WJH

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## New Product Release October 2016

### Caterpillar® G3300 Cylinder Packs Now Available

Interstate-McBee is now offering **M-0R3661 and M-0R3662 Cylinder Packs** for Caterpillar® G3300 engine applications. Each cylinder pack contains the basics of a standard cylinder kit with the addition of a new M-8N1984 Connecting Rod. Unlike the OE style cylinder packs, ours come completely assembled and ready for installation. This saves you an average of six hours labor and no core return issues or costs.



#### Features and Benefits of the Interstate-McBee Components:

- Induction hardened cylinder liners for reduced bore wear.
- Roll burnished flange radius for increased flange strength.
- Select liner o-ring seal materials to prevent coolant leakage and oil contamination.
- Automatic bore honing to control finish for fast break-in and oil control.
- Computer controlled piston machining to maintain proper clearances.
- Diamond turned pistons for machining accuracy and proper surface finish.
- Piston pins are hardened and tempered for greater strength and wear resistance.
- Piston rings made from alloy cast iron or steel where required and coated on the ring faces with wear resistant materials for extended product life.
- Tri-metal construction rod and main bearings for durability.



#### Our standard cylinder pack components include:

- Cylinder Liner
- Liner Seal Kit
- Piston
- Ring Set
- Piston Pin
- Pin Retainer
- New Connecting Rod

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## New Product Release October 2016

### Additional Caterpillar® Products from Interstate-McBee

#### Interstate-McBee Custom Gasket Sets for C27 Engine Applications



Interstate-McBee announces new machine application additions to our "custom" high quality gasket sets for Caterpillar® engine applications. These 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 will depend 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 our Cleveland factory with quality components and system oriented packaging for reliability and ease of installation.

Look for additional items for C27 applications from Interstate-McBee coming soon.

Machine / MSN	ESN	Major O/H	In-Chassis	Cylinder Head
D10T / RJG	EHX	MCBC27021	MCBC27022	MCBC27023
773F / EED-EXD	EHX LJX	MCBC27011	MCBC27012	MCBC27013
775F / DLS-EYG				
844H / BTW				
990H / BWX				

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## New Product Release October 2016 Additional Caterpillar® Products from Interstate-McBee

### 3500 Engine Application Valve Train Components

Interstate-McBee is now stocking the **M-4432712 Exhaust Valve**. This new more robust exhaust valve consists of a premium alloy valve head with a Stellite® hardened facing, chrome plated stem, and hardened tip all designed to minimize internal fatigue. Use this exhaust valve with reverse wound valve springs, new style valve stem seals and corresponding rotators all available at Interstate-McBee to rebuild 3500 cylinder heads to the improved valve component profile.



### Expanded Detroit Diesel® S60 Coverage New Detroit Diesel® Series 60 Turbocharger



The **A-23534361 VNT Turbocharger Assembly** is the most popular turbocharger used on the 14L S60 DDEC-V automotive engines covering 2004 to 2007 model years. This model features variable nozzle technology which minimizes lag, increases high speed efficiency and eliminates the waste gate. The assembly also includes the **A-23531531 Speed Sensor** already installed, reducing labor time and costs. This brand new assembly is a competitively priced complete unit ready for installation without any cumbersome core return policy.

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## New Product Release October 2016

### ISL-G Cummins® EGR Piston Kits Now Available at Interstate-McBee

We are pleased to announce the release of the **M-4376108 Piston Kit** for the popular ISL-G Natural Gas fueled CM2180 automotive & urban bus applications. The piston kit includes the latest progression "S" profile combustion chamber and CNC diamond turned piston body for proper cylinder clearance. The piston also features a coated combustion chamber for increased durability.



In addition to the piston kit, Interstate-McBee announces corresponding engine kits for the convenience and value our customers expect.

Part #	Description	CPL
M-4376108	Piston Kit	0887, 0897, 3205, 3235,
MCIF890G	Inframe Engine Kit	3297, 4177, 4365, 4715,
MCOH890G	Overhaul Engine Kit	4818, 4819, 4836

### ISX Turbocharger Installation Gasket Set



Interstate-McBee is now assembling the **MCBISX005 Turbocharger Installation Gasket Set** for popular ISX automotive engine applications. This general usage custom gasket set incorporates the gaskets and seals needed when replacing the turbocharger on all phases of ISX models from inception to model year 2010 production. This set offers maximum coverage with exceptional value.

Contact our Customer Service Department for details.

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## New Product Release October 2016

### Additional Cummins® ISX/QSX Cylinder Head Components



- M-4319029PR Pin & Roller Kit - Valve Rocker**
- M-4319030PR Pin & Roller Kit - Valve Rocker**
- M-4312003PR Pin & Roller Kit - Injector Rocker**

Interstate-McBee is now stocking the above listed competitive repair alternatives for ISX/QSX cam follower arms. Each kit contains one new hardened, made in the USA steel roller and new pin enabling both valve and injector rocker arm repair. This allows an inexpensive and quick alternative to replacement of the rocker arm.

*\*Rocker arms pictured for reference only and are not included in the kit.*

### ISX Cylinder Head / Main Bearing Cap Bolt

Interstate-McBee is proud to announce the addition of the **M-3678506 Hex Flange Head Bolt** for ISX/QSX engine models. Each M18 grade 12.9 bolt is fabricated of high tensile strength, heat treated steel and is phosphate coated with an integral flange style hex head that can endure the required 300 ft-lb torque and 90° turn at installation. Thread protectors are also on each bolt to prevent thread damage. These bolts are made in the USA and are commonly used in the cylinder head and main bearing cap applications.



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## New Product Release October 2016

### Navistar® DT466E/570E Camshaft Bushing Kits

Interstate-McBee is now stocking **Camshaft Bushing Kit** part number **M-1879791C92** for Navistar® DT466E and DT570E four valve engine applications with ESNs greater than 3000000 and built from 2007 and forward. This new kit contains all four bushings which are identification marked for proper positioning in the engine block and ease of installation.



### New Updates to the Interstate-McBee Website

In a continuing effort to offer the highest level of customer service in the industry, Interstate-McBee has updated our website to include a "Quote" tab. This tab will allow our website members to request a quote based on make, model, and/or engine serial number. The request will be processed by a Customer Service Representative and returned to the customer in 60 minutes or less.



**\*\*Please Note – The quoting area is only accessible to members of our website. If you are not a member, please sign up by clicking the "Register" tab at [www.interstate-mcbee.com](http://www.interstate-mcbee.com)**

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