



# INTERSTATE-McBEE

www.interstate-mcbee.com



Serving the Diesel and Natural Gas Industry for over 70 years.

*"Quality without Compromise"*



## New Product Release January 2017 Additional Caterpillar® Products from Interstate-McBee C27 Piston and Cylinder Kit

With the addition of the **M-CK247792P Cylinder Kit**, Interstate-McBee offers complete engine rebuild coverage for many **C27** powered Caterpillar® machines when coupled with our recently developed custom high quality gasket sets. This USA manufactured **M-247792 Piston** is a one-piece forged steel unit which offers maximum strength and durability required in the demanding machine applications they service. The cylinder kits include induction hardened liners and premium quality ring sets for better sealing and lower oil consumption.

Machine / MSN	ESN
D10T / RJG	EHX
773F / EED-EXD	EHX LJX
775F / DLS-EYG	
844H / BTW	
990H / BWX	



### C15 & C18 Cooling System Components

#### M-2463129 Impeller – Water Pump



#### M-2463130 Shaft – Water Pump

The **M-2463129 Impeller** and **M-2463130 Shaft** are now available to service the water pumps on many **C15/C18** engines used in Caterpillar® machines as well as industrial and generator applications. The M-2463130 shaft is also available in water pump repair kit M-2672839. Order a repair kit, impeller and installation kit for complete pump rebuild.

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## New Product Release January 2017

### Interstate-McBee Expands our Caterpillar® 3500 Product Line

#### Cylinder Head Bolt Kits

Interstate-McBee is pleased to announce the expansion of our very popular Cylinder Head Bolt Kit program with the addition of the Caterpillar® 3500 models. The **MCB1310420 Head Bolt Assembly** consists of a single M-7N1961 Cylinder Head Bolt and an M-1877738 Hard Washer for individual replacement.

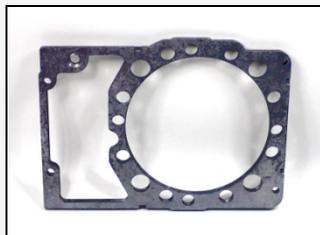


**MCB1310420 Head Bolt Assembly**

The **MCB3500HBK** consists of eight each of the bolt and washer for complete replacement of one cylinder head. Each USA produced bolt features a 170,000 PSI minimum tensile strength specification for greater durability and torque retention and is packed with a thread protector sleeve to prevent damage.

#### Water Pump Repair Kits and Items

Now available from Interstate-McBee are the **M-2225152 & M-2225153 Water Pump Repair Kits**. These kits contain either the M-2128184 or M-2128187 impeller and the M-2128180 shaft which feature a straight style interface between the shaft and impeller which is the most current OE update and are available for purchase separately. Contact Interstate-McBee for details.



#### Cylinder Head Spacer Plate

Interstate-McBee is currently stocking the **M-1106994 Cylinder Head Spacer Plate** which services all 3500 series engines with "wide flange" cylinder liners. This aluminum spacer plate is designed to be high strength but lightweight and to disburse heat quickly.

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## New Product Release January 2017 Caterpillar® C18 Gasket Sets from Interstate-McBee

Interstate-McBee is now offering Caterpillar® C18 modular style Gasket Sets. Although we continue to produce our very popular Interstate-McBee Custom Gasket Sets, some customers prefer the OE modular versions for jobs that may only need some of the components serviced. Although these are in the OE format, they are packed the same "all-in-one" component groups making installation convenient and economical.

Contact an Interstate-McBee representative for your correct application part number.



Part Number	Description
M-4685746	Gasket Set - Cylinder Head
M-4682161	Gasket Set - Cylinder Head
M-4690823	Gasket Set - Cylinder Head
M-4692388	Gasket Set - Cylinder Head
M-4690878	Gasket Set - Cylinder Head
M-4588198	Gasket Set - Front Structure
M-4361559	Gasket Set - Front Structure
M-4337629	Gasket Set - Rear Structure
M-4733264	Gasket Set - Rear Structure
M-4351087	Gasket Set - Rear Structure
M-4452666	Gasket Set - Rear Structure
M-4220925	Gasket Set - Rear Structure
M-4690626	Gasket Set - Central & Lower
M-4685553	Gasket Set - Central & Lower
M-4692381	Gasket Set - Central & Lower
M-4687942	Gasket Set - Turbo Installation
M-4701892	Gasket Set - Turbo Installation
M-4690822	Gasket Set - Turbo Installation
M-4916359	Gasket Set - Turbo Installation
M-4365757	Gasket Set - Turbo Installation
M-4687363	Gasket Set - Water Pump
M-4886213	Gasket Set - Oil Cooler
M-4692382	Gasket Set - Fuel System

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## New Product Release January 2017

### Interstate-McBee Expands our Cummins® ISX Product Line

#### "Top Hat" Style Valve Stem Seal

The **M-4356366 "Top Hat" style Valve Stem Seal** is the latest integral design for ISX engine applications which incorporates both the seal and the valve spring guide into one component. The new design is more stable and eliminates seal "flutter" which improves oil control. This current seal is for both the intake and exhaust guides.



**M-4356366 – Seal – Valve Stem**

#### Cylinder Head Bolt Kit

Interstate-McBee is proud to announce the addition of the **MCBISXHBK Head Bolt Kit** for ISX/QSX engine models. Each kit contains 22 short and 4 long M18 grade 12.9 bolts which are manufactured from high tensile strength, heat treated steel and are phosphate coated. Both items are made in the USA and are hex head integral flange type bolts which are shipped with thread protectors to prevent damage.



#### Injector Follower Spring

Interstate-McBee is now stocking the **M-3417141 Injector Follower Spring** for ISX/QSX HPI style injectors. The addition of this spring and the M-4025063-OH External O-Ring Kit allows for easy service of the injectors.



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## New Product Release January 2017 Additional Cummins® Products from Interstate-McBee

### VTA28 Piston and Cylinder Kits

With the additions of the **MCB4911685 Piston Kit** and the **M-CK4911685P Cylinder Kit**, Interstate-McBee now offers complete engine rebuild coverage for the VTA28-G5/G6 power generator worldwide market. These generators are popular in the Asian, European and South American market segments. Both part numbers listed here contain a high grade CNC diamond turned aluminum piston that incorporates a dual groove NI-Resist ring band and Teflon® padded piston skirts which reduces wear and liner scoring.



**M-2881944 – Kit - Exhaust Valve**

### GTA19/GTA38 Natural Gas Exhaust Valve Kit

Alternative fuel applications demand the highest quality valve train components and Interstate-McBee delivers. The **M-2881944 Exhaust Valve Kit** is manufactured with a high quality hardened chromed steel stem, premium Inconel® alloy valve head and Stellite® hard facing to afford maximum valve life. Also included are two M-205091 Valve Locks making this a time saving and economical kit to stock.

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®Teflon is a registered trademark of the DuPont Co.

®Stellite is a registered trademark of Kennametal Stellite Inc.

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## New Product Release January 2017

### Additional Cummins® QSK Products from Interstate-McBee

#### Injector Seal Kit for QSK HPI models

Interstate-McBee has expanded our Cummins® QSK coverage by offering the **MCBQSKINJ External Injector Seal Kit** for the popular Cummins® QSK HPI engines. This custom kit contains all four color coded external o-ring seals, both filter screens and the copper injector seal to service a single injector. This all in one kit saves time and helps to improve the life of the injector.



Contact a Customer Service Representative for more details.

**MCBQSKINJ - Kit - External Injector Seal**

#### M-3089173 - Bushing - Camshaft



**M-4007741 - Bushing - Camshaft**

#### QSK45 and QSK60 Camshaft Bushings

Interstate-McBee is pleased to now offer camshaft bushings for Cummins® "High Horsepower" QSK45 & QSK60 industrial and power generation models. The **M-4007741 Camshaft Bushing** features tri-metal bearing construction for improved durability at the front and rear journal locations. The bi-metal intermediate journal **M-3089173 Camshaft Bushing** has a brushed steel back coupled with premium aluminum bearing material. These features aid in longevity and produce superior performance.

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## New Product Release January 2017

### Additional Cummins® Products from Interstate-McBee

#### Cummins® Gasket Set Additions

Interstate-McBee has added to our already extensive high quality gasket set program for Cummins® engine applications. Our upper & lower gasket sets utilize the correct material for the specific application, which ensures the gasket will perform without compromising its functionality and sealing ability. The additions listed at the right are assembled at our Cleveland factory with quality components and the premium packaging our customers have come to expect from Interstate-McBee.

Part #	Description	Engine Application
M-4376136	Upper Gasket Set	QSB4.5 MY2010 CM2250
M-4376090	Upper Gasket Set	ISB6.7 MY2013 CM2350
M-4376091	Lower Gasket Set	
M-2882046	Upper Gasket Set	QSB6.7 MY2010 CM2250
M-2882047	Lower Gasket Set	
M-4309409	Upper Gasket Set	ISL9 MY2013 CM2350
M-4309410	Lower Gasket Set	
M-2882048	Upper Gasket Set	QSL9 MY2010 CM2250
M-2882049	Lower Gasket Set	
M-4352573	Upper Gasket Set	GTA19
M-4376343	Upper Gasket Set	KTA50 LTA / STC

Contact a Customer Service Representative for application.

#### Midrange Hardware Additions



**M-3944593 - Bolt - Exhaust Manifold (left)**

**M-3095798 - Stud - Turbocharger Mounting (right)**

Interstate-McBee announces the addition of premium grade fasteners for Cummins® B/ISB/C/ISC/ISL midrange engine applications. The **M-3944593 Exhaust Manifold Bolt** is an integral flanged hex-head bolt. The **M-3095798 Turbocharger Mounting Stud** is a M10 double headed mounting stud. Both are made in the USA and fabricated of high tensile strength, heat treated 10.9 grade steel with phosphate coating to protect against corrosion.

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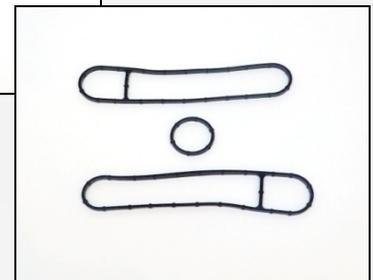
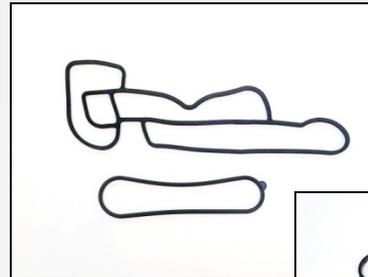
## New Product Release January 2017

### Expanded Navistar® Coverage from Interstate-McBee

#### DT466E/570E Oil Cooler Kits

Interstate-McBee is now offering oil cooler kits. The **M-1842124C91 Oil Cooler Assembly Kit** contains one gasket and one seal to mount the oil cooler core. The **M-1842126C91 Oil Cooler Core Kit** contains two gaskets and the oil seal to mount the entire assembly to the engine. These simply packaged and high quality kits will fit most DT466E and 570E engine applications and are priced for stocking making them readily available for use.

#### M-1842124C91 – Kit - Oil Cooler Assembly



M-1842126C91 – Kit - Oil Cooler Core

#### Maxxforce® DT/9/10 EGR Mixer Duct Gasket Set



M-1876111C91 - Gasket Set - EGR Mixer Duct

Interstate-McBee has expanded coverage of its Maxxforce® line with the addition of the **M-1876111C91 EGR Mixer Duct Gasket Set**. Each set includes the press-in-place throttle intake gasket for an optimum seal between fittings, a stamped steel inlet adapter gasket which adds guidance when seating the duct base, and two single layer exhaust gaskets that are specially coated to aid in heat resistance.

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