



# INTERSTATE-McBEE

*"Quality Without Compromise"*



## NEW PRODUCT RELEASE - DECEMBER 2019

**Caterpillar® G3500 | C13**

### NEW G3500 CYLINDER KITS

Interstate-McBee has added two more cylinder kits for Caterpillar® G3500 spark ignited engine applications.

Part Number	3508	3512	3516	3520	Description	Note
M-CK3767655P			16	20	Cylinder Kit - Aluminum Piston	11.3:1 Ratio - Single Insert
M-CK4955305P	8	12	16		Cylinder Kit - Aluminum Piston	12.0:1 Ratio - Single Insert



#### Features and Benefits:

- ◆ 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



**M-2395581**



### C13 TURBOCHARGERS

Interstate-McBee offers two popular options for Caterpillar® C13 turbochargers - a low pressure (**M-2395581**) and a high pressure (**M-2847707**) assembly for on-highway engine applications with engine serial number prefixes KCB and JAM.

These brand new assemblies, which include mounting gaskets, are ready for installation. No cores are required.

**M-2847707**



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#### WORLD HEADQUARTERS

5300 Lakeside Ave.  
Cleveland, OH 44114  
PH: 216-881-0015  
Fax: 216-881-0805

#### FLORIDA

9955 NW 58th St.  
Doral, FL 33178  
PH: 305-863-6650  
Fax: 305-863-6272

#### CALIFORNIA

13137 Arctic Circle  
Santa Fe Springs, CA 90670  
PH: 562-356-5414  
Fax: 562-926-2452

#### TEXAS

1755 Transcentral Ct. Suite 200  
Houston, TX 77032  
PH: 281-645-7168  
Fax: 281-443-0202

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**SERVING THE DIESEL AND  
NATURAL GAS INDUSTRY  
FOR OVER 70 YEARS**





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## NEW PRODUCT RELEASE - DECEMBER 2019

**Caterpillar® D3500**

### REMANUFACTURED INJECTORS FOR D3500 APPLICATIONS

Interstate-McBee is expanding our line of reliable and cost-saving Caterpillar® 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.

### NOW AVAILABLE

Part No.	Engine	ESN/Application
R-20R0849	D3500	Machine
R-20R1264	D3500	Industrial - Generator
R-20R0850	D3500	Machine
R-20R0864	D3500	Machine - Industrial
R-20R1270	D3500	Generator
R-20R1275	D3500	Industrial
R-20R1278	D3500	Machine - Generator
R-20R1280	D3500	Industrial - Generator
R-20R1282	D3500	Industrial - Machine - Generator

### COMING SOON

R-20R1276	D3500	Marine - Petroleum
R-20R1283	D3500	Marine
R-20R1269	D3500	Marine - Locomotive



TRIM CODE

#### Interstate-McBee Injectors Feature:

- Each injector includes a new Trim Code which increases fuel efficiency and accuracy while reducing emissions
- The Trim Code is printed on the injector follower (see above picture)
- New Spray Tip Nozzle assembly in every injector assures the highest performance, unmatched by any other replacement injector
- Hours of dyno testing and months of field service to assure reliability

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## NEW PRODUCT RELEASE - DECEMBER 2019

**Cummins® X15 | QSK**

### X15 TIER 4 ENGINE KITS

These new In-Frame engine kits from Interstate-McBee are applicable to the ISX15/QSX15 Tier 4, XPI single cam MCRS models first produced in 2010. The new engine kit numbers now include both types of connecting rod bearings for use with machined or fracture split connecting rods. All of these Tier 4 kits feature APR (Anti-Polishing Ring) liners. This APR ring is designed to prevent carbon buildup from contacting the cylinder walls thereby preventing liner wall polish. Cylinder liner polish causes increased oil consumption, decreased oil filter flow and increased DPF regeneration.



Part No.	Liner Size	Description
M-5473065	150mm	Engine Kit
M-5473069		
M-5473074		

Part No.	Liner Size	Description
M-5473066	152mm	Engine Kit
M-5473070		
M-5473075		

### X15 TIER 4 VALVES

Also added are two new intake and exhaust valves. These new valves incorporate chrome stems and high-heat nickel alloy heads, which prevent thermal fatigue. The **M-3686661** exhaust valve features Stellite® facing. The **M-3104445** intake seat & **M-3679537** exhaust seat should be installed with the new valves as directed by the OEM repair guidelines. All are available from Interstate-McBee.



**M-3686661 - Exhaust Valve**

**M-3685996 - Intake Valve**

### QSK45 & QSK60 CYLINDER HEAD GASKET

This new oversize gasket affords alternative repair for the High Horsepower QSK45/60 engine models. The gasket is constructed of the same high quality materials as the standard size gasket and is .020" thicker to allow repairing units with worn cylinder blocks. Order this gasket as required to replace the standard size gasket.



Part Number	Description
M-3649982	Cylinder Head Gasket - Oversize .020"

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©Stellite is a registered trademark of Stellite Inc.

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#### FLORIDA

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Doral, FL 33178  
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## NEW PRODUCT RELEASE - DECEMBER 2019

### Detroit Diesel® DD15

#### DD15 BEARINGS

Interstate-McBee has added quality DD15 engine bearings manufactured in the latest heavy duty construction methods. These bearings feature a sliding layer that is applied to the load half of the bearings by PVD (Physical Vapor Deposition). This sliding layer is thinner than conventional bearing construction for increased load carrying capabilities. The loaded halves of the bearings also feature Syntech® anti friction coating for durability in high load conditions.



A-A4720300445



A-A4720300240



A-A4720300960

Part Number	Description	Quantity
A-A4720300960	Bearing - Connecting Rod	6
A-A4720300240	Bearing - Main	7
A-A4720300445	Thrust Washer Set	1

#### DD15 PISTON RINGS

Interstate-McBee is also stocking piston ring sets for the DD15 engine platform. These rings feature premium coatings for greater durability. Cylinder liners are also available for these applications. Contact Interstate-McBee for application details.

Part Number	Description
A-A4720300424	Ring Set - DD15
A-A4720300624	Ring Set - DD15



#### DD15 INJECTOR INSTALLATION KITS

Two new Installation kits **A-A4600700887** and **A-A4600700987** are also available for servicing the DD15 engine. These new kits feature the high temperature polymer o-ring seals along with the mounting gasket and injector hold down bolt. The new **A-A4600700987** also includes the injector cup o-ring seal.

**A-A4600700887**  
Kit - Fuel Injector  
Installation



**A-A4600700987**  
Kit - Fuel Injector &  
Injector Cup Installation



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©Syntech is a registered trademark of Syntech Inc.

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## NEW PRODUCT RELEASE - DECEMBER 2019

**Detroit Diesel® DD15**

### DD15 GASKET SETS

In addition to our other high quality products for the DD15 engine platform we are pleased to announce the following cylinder head replacement gasket sets. Contact Interstate-McBee for exact applications.

**INTERSTATE-McBEE CUSTOM  
GASKET SETS COMING SOON!**

#### CYLINDER HEAD GASKET SETS

Part Number	Description
A-A4710161520	Gasket Set - Cylinder Head
A-A4720161920	Gasket Set - Cylinder Head
A-A4720162120	Gasket Set - Cylinder Head

#### Features & Benefits:

- ♦ Head gaskets are MLS stainless steel construction for positive sealing
- ♦ Advanced polymer seals for the water and oil passages for high temperature
- ♦ High quality molded gaskets for exact fit

#### OTHER AVAILABLE GASKET SETS

Part Number	Description
A-A4720160121	Gasket - Valve Cover
A-A4720160680	Gasket - Cam Cover Seal
A-A4720140322	Gasket - Oil Pan
A-A4721870980	Seal - Oil Pickup Tube
A-A4721870880	Seal - Oil Pickup Tube

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