



"Quality without Compromise"

INTERSTATE-McBEE

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**Serving the Diesel
and Natural Gas
Industries for over
70 years**



New Product Release April 2018

Remanufactured Fuel Injectors for Caterpillar® C13 and D3500 Engine Applications

Interstate-McBee has added to 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.

Part Number	Engine	ESN/Application
R-20R0849	D3500	Machine
R-20R1264	D3500	Industrial - Generator
R-20R1282	D3500	Industrial - Machine - Generator
R-10R2977	C13	On-Highway JAM-KCB

D3500 Injector



Pic A

Interstate-McBee injectors feature:

- Each injector includes a new Trim Code which increases fuel efficiency and accuracy while reducing emissions.
- D3500 - the Trim Code is printed on the injector follower (see Pic A).
- C13 – a Trim File CD is included in the packaging with loading instructions.
- 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.



C13 Injector

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New Product Release April 2018

New Replacement Products for Caterpillar® Applications

D3500 Model Cylinder Kit



Interstate-McBee is now offering the **M-CK3145006P Cylinder Kit** for Caterpillar® D3500 model engines. The **M-3145006 Piston** is a one-piece **forged** steel unit which offers maximum strength and durability required in the demanding machine applications they service. The cylinder kit includes induction hardened liners and premium quality ring sets for better sealing and lower oil consumption. With this addition to our previously announced **M-CK2995204P** and **M-CK3145005P Cylinder Kits**, Interstate-McBee offers complete engine rebuild coverage for many D3500 model powered generators, machines and industrial applications.

Interstate McBee is now supplying the **M-2827944RK Injector Pin and Roller Kit** and the **M-4168319RK Valve Pin and Roller Kit** for servicing Caterpillar® 3500B series engine applications. These new pin and roller kits feature USA produced components with specially engineered axle pin and roller profiles for increased durability and performance.

These Interstate-McBee exclusive kits afford our customers inexpensive alternatives for complete replacement of the cam follower assemblies.

3500B Pin and Roller Kits



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New Product Release April 2018

Interstate-McBee Custom Gasket Sets for C27/C32 Engine Applications

Interstate-McBee announces the addition of C27 & 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 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 the Cleveland factory with quality components and system oriented packaging for reliability and ease of installation.

Model	MSN	Engine	ESN	Major O/H	In-Chassis	Cyl. Head
D10T	JJW-RAB	C27	JHM-JZM	MCBC27051	MCBC27052	MCBC27053
D11T	GEB-JEL-JNS-Z9K	C32	LJW-WHH-WZH			
775G	MJS-T5F	C27	NHG	MCBC27111	MCBC27112	MCBC27113
777G	GT7-RDR-T4Y-T5A-TNM	C32	FHS-FZS			
854K	221-H8M-H9K	C32	MHM-MZM	MCBC32121	MCBC32112	MCBC32113
992K	880-H4C-ZMX	C32	LJW-MHM			
993K	Z4D-Z4Z-Z9K	C32	LJW-NHK-NZK			
Generator	DWB-RJA-T4Z	C27	MJE-GDS-ZRS	MCBC27131	MCBC27112	MCBC27113
Generator	JAZ-JSJ-K7C-SXC-WDR	C32	PRH-SYC			
Industrial		C27	RAM-TWM-WJC-LET	MCBC27141	MCBC27112	MCBC27113
Industrial		C32	NST-TLD	MCBC32131	MCBC32132	MCBC32033

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New Product Release April 2018

New Replacement Products for Caterpillar® Applications

3126/C7 Oil Pump Assembly



M-2004497 - Assembly - Oil Pump

Interstate-McBee now offers a complete oil pump assembly for Caterpillar® 3126 and C7 engine applications. The new **M-2004497 Oil Pump Assembly** features a new 7W9740 idler assembly and precision machined rotor assemblies. This new pump also contains the tube gasket and seals required for installation and enables quick replacement without the cumbersome core charge.

C9 Valve Lifter Assembly

Interstate-McBee is now stocking the **M-4535998 Valve Lifter Assembly** for popular Caterpillar® C9 engine applications. These new valve lifters are assembled in the USA from the highest quality components and feature a hardened steel roller and new axle pin. This addition to our quality valve train components affords increased replacement parts coverage to suit our customer's needs.

Contact Interstate-McBee for exact applications.



M-4535998 - Assembly - Valve Lifter

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New Product Release April 2018

Cummins® QSM11 Piston Kits



Interstate-McBee has again expanded our coverage for the popular 11L off road industrial heavy duty engine range. The **M-4089865** and the **M-4024938 Piston Kits** are now available for servicing Cummins® QSM11 Tier1/Tier2 certified industrial engines. This kit includes the latest progression CNC diamond turned piston skirt for proper cylinder clearance, as well as a forged steel crown for better heat dissipation and durability. The kit also features premium chrome plated piston rings for increased durability.

In addition to this Piston Kit, Interstate-McBee announces corresponding Engines Kits for the convenience and value our customers expect.

Piston Kit	In-Chassis Engine Kit	Type/CPL
M-4089865	M-2882008	Tier 2 / CPL-3707, 8471, 8495, 8543, 8544, 8545
M-4352370	MCIF4024938	Tier 1 / CPL-2828, 2829, 8062, 8753

Cummins® ISX/QSX Upper Gasket Set

Interstate-McBee is now offering the **M-4376339 Upper Gasket Set** for use with the newer production Cummins® ISX/QSX (MCRS) Common Rail Injection engine applications. This new set features Interstate-McBee's high quality gaskets that are produced in house and are packed in the organized and secure manner our customers have come to depend on.

Contact an Interstate-McBee Representative for more information and exact applications.



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New Product Release April 2018 New Replacement Products for Cummins® Applications

QSK19/ QSK45 / QSK60 Piston Kits

Interstate-McBee is pleased to announce major additions to our Cummins® High Horsepower QSK19, QSK45 and QSK60 engine coverage. The piston kits listed at right include the newest style one-piece FCD (Ferrous-Cast-Ductile) iron piston body, piston pin and pin retainers. These one-piece pistons are more durable and exhibit better heat distribution than the earlier designs. Complete power cylinder replacement is now available when coupled with our high quality liners and premium material ring sets.

Part #	Engine Model	CPL
M-4955236	QSK19 CM500	2008,2010,2225,2558,
M-4352371	JWAC	2560,2810
M-4090029	QSK19 CM850 MCRS	2754,2755,2757,3240, 3798,4230,8533,8605,8719
M-4309253	QSK45 CM500 High BMEP	1795,2656,2823,2854
M-4309253	QSK60 CM500 High BMEP	2821,2824,2848,2849,2850, 2920,8613

When servicing earlier QSK19 units, these pistons must be only used in full engine sets. The former two-piece piston and this current one-piece piston cannot be mixed in an engine.

GT14 Exhaust Valves

Interstate-McBee continues to expand our industry leading heavy duty natural gas engine parts coverage with the addition of the **M-3394112 Exhaust Valve** for Cummins® GT14 engine applications. Manufactured from high temperature alloys with Stellite hard facing for superior wear and corrosion resistance, these valves are engineered to withstand the harsh environments of spark ignition application. When combined with our other GT14 valve train components, these valves aid in your cylinder head rebuild needs.



M-3394112 - Valve - Exhaust

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