

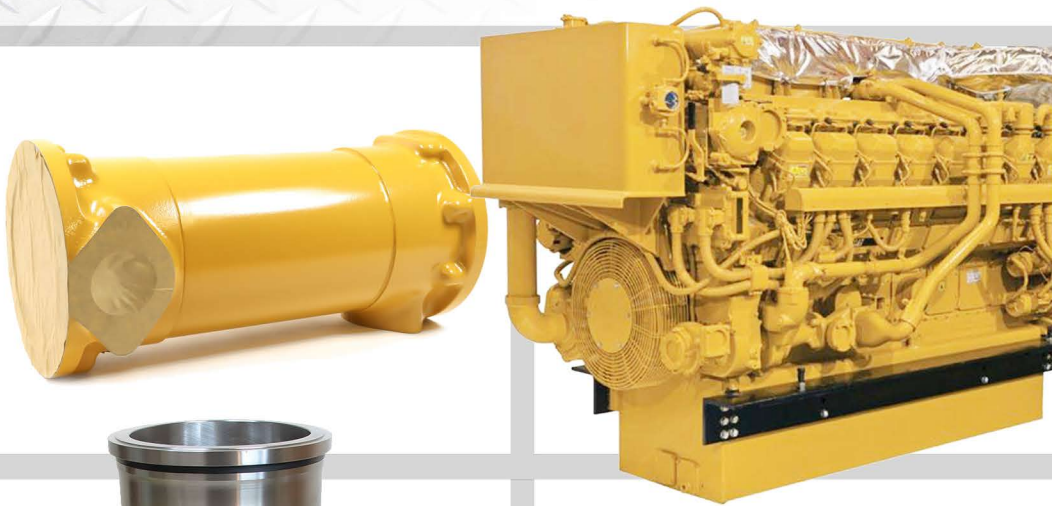


INTERSTATE-McBEE

"Quality Without Compromise"



CATERPILLAR® 3500



Engine Parts | Gasket Sets | Injectors

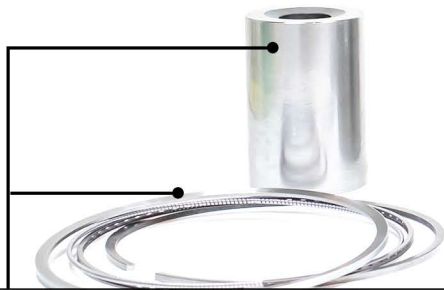
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Interstate-McBee understands customers' needs for the highest quality engine parts at reasonable prices that are delivered in a timely manner. That is why we offer a full line of new replacement parts for the Caterpillar® 3500 engine application ranging from cylinder kits, to components for fuel and fuel injection, lubrication, cooling, valve train and a large assortment of individual gaskets and gasket sets.

Cylinder Kits and Components

Our cylinder liners are **induction hardened** and we include **forged** steel pistons while most of our competition does not. Our piston pins are hardened and tempered and our piston rings are coated with wear-resistant materials. It's this dedication to quality throughout every component that helps our Caterpillar® 3500 Cylinder Kits stand out from the rest.

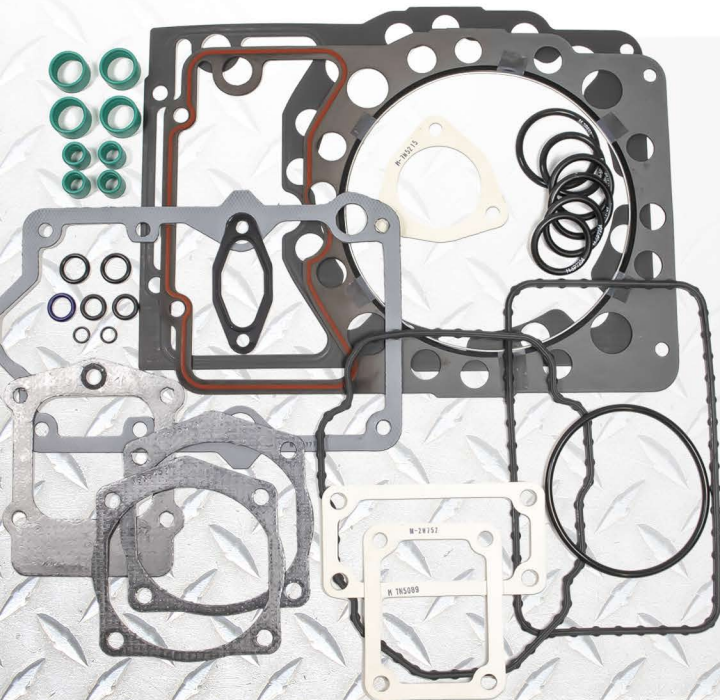
- ◆ Induction hardened cylinder liners for reducing bore wear
- ◆ Roll burnished flange radius for increased flange strength
- ◆ Select liner o-ring seal materials to prevent coolant leaking and oil contamination
- ◆ Automatic bore honing to control finish for fast break-in and oil control



- ◆ Profiled piston pin bore for joint durability
- ◆ Piston pins are hardened and tempered for improved strength and wear resistance
- ◆ Piston rings made from alloy cast iron or steel where required and coated on ring faces with wear resistant materials
- ◆ Oil control rings designed with precise tangential tension for proper oil control



- ◆ Forged alloy steel pistons for superior strength
- ◆ Computer controlled piston machining to maintain proper clearances
- ◆ Graphite skirt coating on the piston for improved seizure resistance



Gaskets and Gasket Sets

Interstate-McBee utilizes high quality materials selected specifically for this application which ensures the gasket will perform without compromising its functionality and sealing ability. Proper material selection will depend on temperature variations, pressure and contact with a variety of fluids and surfaces.

Nearly all of our gaskets are **made in the USA** and all of our Custom Gasket Sets are assembled at our Cleveland, Ohio factory using system-oriented packaging for ease of installation.

Although we continue to expand our popular line of McBee Custom Gasket Sets, some customers prefer the OEM style modular sets 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 cost-friendly.

D3500 Bearings

Our connecting rod, crankshaft and camshaft bearings are made of a tri-metal construction which provides the ability to withstand extreme temperatures and pressures as well as a lead tin outer plating for scuff resistance. Many of our bearings also feature a high-strength alloy for improved cavitation resistance.



Hardware, Repair & Installation Kits

We offer a wide array of new replacement hardware that is **manufactured in the USA** to ensure quality and proper strength characteristics for this demanding application. Our head bolts and connecting rod bolts are phosphate and oil coated to protect against corrosion and the bolts are packaged with a protective sleeve to ensure they arrive without damage to the threads. Our Repair and Installation Kits provide an easy "all-in-one" economical solution for Water Pumps, Fuel Pumps, Turbochargers and many other components.



Available Replacement Parts for Caterpillar® 3500 Diesel Engines



Cylinder Kits and Components

Cylinder Head Hardware

Cylinder Head Spacer Plates

Connecting Rod Bolts

Connecting Rod Bearings

Main Bearings

Thrust Bearings

Nickel-Based Super Alloy Valves

Crankshaft Seals

OE and McBee Style Gasket Sets

Rocker Cover Gaskets

Lifter Assemblies

Vibration Damper

Data Sensors

Fuel Injectors and Components

Pin and Roller Kits

Turbocharger Components

Water Pump Components

Valve Train Components

Thermostats and Seals



Caterpillar® D3500 Remanufactured Fuel Injectors

Interstate-McBee has an expanded 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.



TRIM CODE

D3500 INJECTOR

NOW AVAILABLE

Part No.	Engine	ESN/Application
R-20R0849	D3500	Machine
R-20R0850	D3500	Machine
R-20R0864	D3500	Machine - Industrial
R-20R1264	D3500	Industrial - Generator
R-20R1266	D3500	Generator
R-20R1269	D3500	Marine - Locomotive
R-20R1270	D3500	Generator
R-20R1272	D3500	Generator
R-20R1275	D3500	Industrial
R-20R1276	D3500	Marine - Petroleum
R-20R1278	D3500	Machine - Generaor
R-20R1280	D3500	Industrial - Generator
R-20R1281	D3500	Machine
R-20R1282	D3500	Industrial - Machine Generator
R-20R1283	D3500	Marine

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

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