

**Overhaul Protection For On-Highway Vehicle Engines
Extended Service Coverage Matrix
Effective November 1, 2008**

| ITEM | Covered Components |
|--|--------------------|
| AIR INDUCTION & EXHAUST GROUP | |
| Exhaust Manifold Studs | YES |
| Exhaust Manifold Gaskets / Sleeves | YES |
| Exhaust Manifold / Intake Manifold | YES 1 |
| Pre-Cooler (Turbocharger) * | YES 1 |
| Pre-Cooler Mounting Bracket /Support (Turbocharger) | YES 2 |
| Coolant Diverter Valve or Assembly | YES 1 |
| Turbocharger(s)/Turbocharger Seals and Gaskets | YES 3 |
| CYLINDER HEAD GROUP | |
| Cylinder Head Casting | YES |
| Cylinder Head Bolts | YES 1 |
| Cylinder Head Gasket | YES |
| Freeze Plug | YES 1 |
| Cylinder Head Injector Sleeves and Injector Sleeve Seal O-Rings | YES |
| Spacer Plate (block and head) | YES 1 |
| Spacer Plate Gasket | YES |
| Intake / Exhaust Valves (Includes spring, insert, guide, rotocoil, retainer) | YES |
| Valve Mechanism (includes rocker arm, brackets, bridges, dowels, adjusting screws, nuts, shaft & push tubes) | YES 1 |
| Valve Cover & Base | YES 1 |
| Valve Cover Gasket | YES |
| Camshaft | YES 1 |
| Camshaft Lifter Assembly (followers) Clips | YES 1 |
| Variable Valve Actuator (VVAs) Assembly * | YES 1 |
| Variable Valve Actuator (VVAs) Mounting Studs | YES 2 |
| LUBRICATION SYSTEM | |
| Oil Pan | YES 1 |
| Oil Pump | YES 1 |
| Oil Cooler Housing | YES 1 |
| Piston Cooling Spray Jets | YES 1 |
| COOLING SYSTEM | |
| Thermostat Housing | YES 1 |
| Thermostat | YES |
| Water Pump, Seals and Gaskets | YES 3 |
| Water Pump Housing | YES 1 |
| ELECTRONIC SYSTEM | |
| Engine Oil Rail (EOR) Valve | YES 1 |
| MISCELLANEOUS | |
| Air Compressor | YES 3 |

| ITEM | Covered Components |
|---|--------------------|
| FRONT AND REAR COVER GROUP | |
| Front Housing / Covers / Plate | YES 1 |
| Front Cover Gasket | YES 3 |
| Flywheel Housing | YES 1 |
| Vibration Damper | YES 1 |
| SHORT BLOCK GROUP | |
| Cylinder Block Casting | YES 1 |
| Spacer Deck (3176 only) | YES 1 |
| O-Ring Seals Between Spacer Block and Cyl Head (3176) | YES |
| Freeze Plug | YES 1 |
| Crankshaft Casting | YES 1 |
| Bearings (crankshaft, rod, main and thrust) | YES |
| Connecting Rod Assembly and Bushing | YES |
| Piston Assembly (includes wrist pin, retainer clips, rings) | YES |
| Cylinder Block Counterbore | YES 1 |
| Cylinder Liner, Seals, Filler Band | YES |
| Main Bearing Cap Bolt | YES 1 |
| FUEL SYSTEM | |
| Unit Injectors | YES 3 |
| Mechanical Fuel Nozzles | YES |
| Mechanical Fuel Nozzle Seals and Fasteners | YES |

IMPORTANT NOTICE:

All "Covered Components" must pass inspection or be replaced at the proper intervals as prescribed by the Operation and Maintenance Manual by an "Authorized Dealer" to qualify for continued coverage under this Service Contract. "Your" failure to follow the Operation and Maintenance Manual will result in denial of coverage.

NOTE: Items marked "YES" are covered components that are required to be replaced during the overhaul.

NOTE: Items marked "YES 1" are covered if they pass inspection or are repaired / replaced during the overhaul except applicable exclusions as given in the Service Contract

NOTE: Items marked "YES 2" must be of the latest design in order for the VVA assemblies and studs and the pre-cooler mounting bracket to qualify for coverage. Dealers must confirm the latest design or replace these components at the time of inspection to received coverage under the program.

NOTE: Items marked "YES 3" are covered if replaced as optional components during the overhaul except applicable exclusions as given in the Service Contract. "Seals and gaskets are only covered if replaced at the time of the overhaul in conjunction with a new or REMAN Caterpillar turbo (s), water pump, injector(s), and/or air compressor".

* Coverage applies only if the Pre-Cooler Mounting Bracket and Variable Valve Actuator (VVAs) Mounting Studs are of the latest design at the time of the overhaul.

Towing, if selected on the registration page: This Service Contract provides reasonable or customary towing to the nearest "repairer" for a "mechanical breakdown" or reasonable travel expenses from the nearest "repairer" for a "mechanical breakdown" under normal use during the "coverage period" due to a defect in material or factory workmanship.

NOTE: Injectors must be replaced as a set.

NOTE: If the engine has more than 1 turbocharger, both must be replaced.