

Cat® Extended Service Coverage (ESC)

4 EASY STEPS TO EXTEND COVERAGE ON YOUR ON-HIGHWAY TRUCK ENGINE OVERHAUL

Your operation depends on reliable power. That's why you trust Cat® On-Highway Truck Engines. With Cat Financial Insurance Services, you get additional coverage that's just as durable and long-lasting. **Overhaul Protection for Truck (OPT) engines** protects your investment and your peace of mind. Choosing coverage is as easy as following these four steps.

1 CHOOSE FROM A VARIETY OF COVERAGE OPTIONS

First, extend your protection beyond the original factory warranty by choosing the coverage option that's right for your situation.

COMPONENT PLUS	Coverage for a number of on-highway engine or related components is available in 24-, 36- or 48-month terms from date of purchase.
PRECIOUS METALS KIT COVERAGE	Coverage for precious metals kits is available for medium- and heavy-duty applications in 24-, 36- and 48-month terms. Program availability is based on engine model or related component kit availability.
ADVANTAGE AND ACERTIFYSM ESC	Coverage is available after the end of the original factory warranty in 24- or 36-month terms. Your used on-highway engine is eligible once it passes a qualifying inspection performed by an authorized Cat dealer in accordance with the Advantage or ACERTIFY Certification Inspection Worksheet. Eligibility and coverage limitations apply based on engine model.
OVERHAUL PROTECTION FOR TRUCKS (OPT)	Coverage is available for on-highway engines in 18-, 24-, 36-, or 48-month terms. Your on-highway engine is eligible once a qualifying overhaul has been completed by an authorized Cat dealer in accordance with the Overhaul Certification Worksheet.

All programs may not be available in all areas. Please check with your local authorized Cat dealers for details.

2 IDENTIFY YOUR COVERAGE NEEDS

Next, choose the ESC coverage term to fit your needs. Depending on your location, certain mileage/kilometres limits may apply. Terms vary depending on location and model.

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* ACERTIFY is the brand name of Advantage for ACERT™ engines



3 SELECT YOUR COVERED COMPONENTS

OPT provides coverage on Cat engine components that either pass inspection or are replaced at the time of the overhaul as indicated below. OPT covers the parts and the labor costs for covered component repairs due to defects in materials, factory and dealer workmanship.

The following covered components are required to be replaced during an overhaul:

- > Exhaust Manifold Studs
- > Exhaust Manifold Gaskets / Sleeves
- > Cylinder Head Casting
- > Cylinder Head Gasket
- > Cylinder Head Injector Sleeves and Injector Sleeve Seal O-Rings
- > Spacer Plate Gasket
- > Intake / Exhaust Valves (includes, spring, insert, guide, rotocoil & retainer)
- > Valve Cover Gasket
- > Thermostat
- > O-Rings Between Spacer Block and Cylinder Head (3176)
- > Bearings (crankshaft, rod, main & thrust)
- > Connecting Rod Assembly and Bushing
- > Piston Assembly (includes wrist pin, retainer clips & rings)
- > Cylinder Liner, Seals, Filler Band
- > Mechanical Fuel Nozzles
- > Mechanical Fuel Nozzles Seals and Fasteners

The following components are covered if they pass inspection or are repaired / replaced during the overhaul (except for applicable exclusions as noted in the service contract):

- > Exhaust Manifold / Intake Manifold
- > Pre-Cooler (turbocharger) *
- > Coolant Diverter Valve or Assembly
- > Cylinder Head Bolts
- > Freeze Plug
- > Spacer Plate (block and head)
- > Valve Mechanism (includes rocker arm, brackets, bridges, dowels, adjusting screws, nuts, shaft & push tubes)
- > Valve Cover & Base
- > Camshaft
- > Camshaft Lifter Assembly (followers) Clips
- > Oil Pan
- > Oil Pump
- > Oil Cooler Housing
- > Piston Cooling Spray Jets
- > Thermostat Housing
- > Water Pump Housing
- > Engine Oil Rail (EOR) Valve
- > Front Housing / Covers / Plate
- > Flywheel Housing
- > Vibration Damper
- > Cylinder Block Casting
- > Spacer Deck (3176 only)
- > Freeze Plug
- > Crankshaft Casting
- > Cylinder Block Counterbore
- > Main Bearing Cap Bolt

The following components must either be confirmed as the latest design by the dealer or replaced at the time of the inspection:

- > Pre-Cooler Mounting Bracket / Support (turbocharger)
- > Variable Valve Actuator (VVAs) Mounting Studs

The following components are covered if replaced as optional components during the overhaul, except for applicable exclusions as noted 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 Cat turbo(s), water pump, injector(s), and/or air compressor.

- > Turbocharger(s) / Turbocharger Seals and Gaskets
- > Variable Valve Actuator (VVA) Assembly *
- > Water Pump, Seals and Gaskets
- > Air Compressor
- > Front Cover Gasket
- > Unit Injectors

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. Failure to follow the Operation and Maintenance Manual will result in denial of coverage.

*Coverage applies only if the Pre-cooler mounting brackets and Variable Valve Actuator (VVAs) mounting studs are of the latest design at the time of the overhaul.

U.S. and Canada only: If towing coverage is selected, the 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 due to a defect in material or factory workmanship.

NOTE: Injectors must be replaced as a set.

If the engine has more than one turbocharger, both must be replaced.

If the camshaft is replaced, any lifter / rollers / followers in direct contact with the camshaft must also be replaced.

If the component is replaced, all parts of the component must be replaced.

4 PURCHASE AND REGISTER YOUR ESC

Finally, work with your local authorized Cat dealer to complete the process—and get the protection and peace of mind you deserve.

This is a brief description of ESC. It is subject to change without notice. In case of conflict, the ESC contract will govern.

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