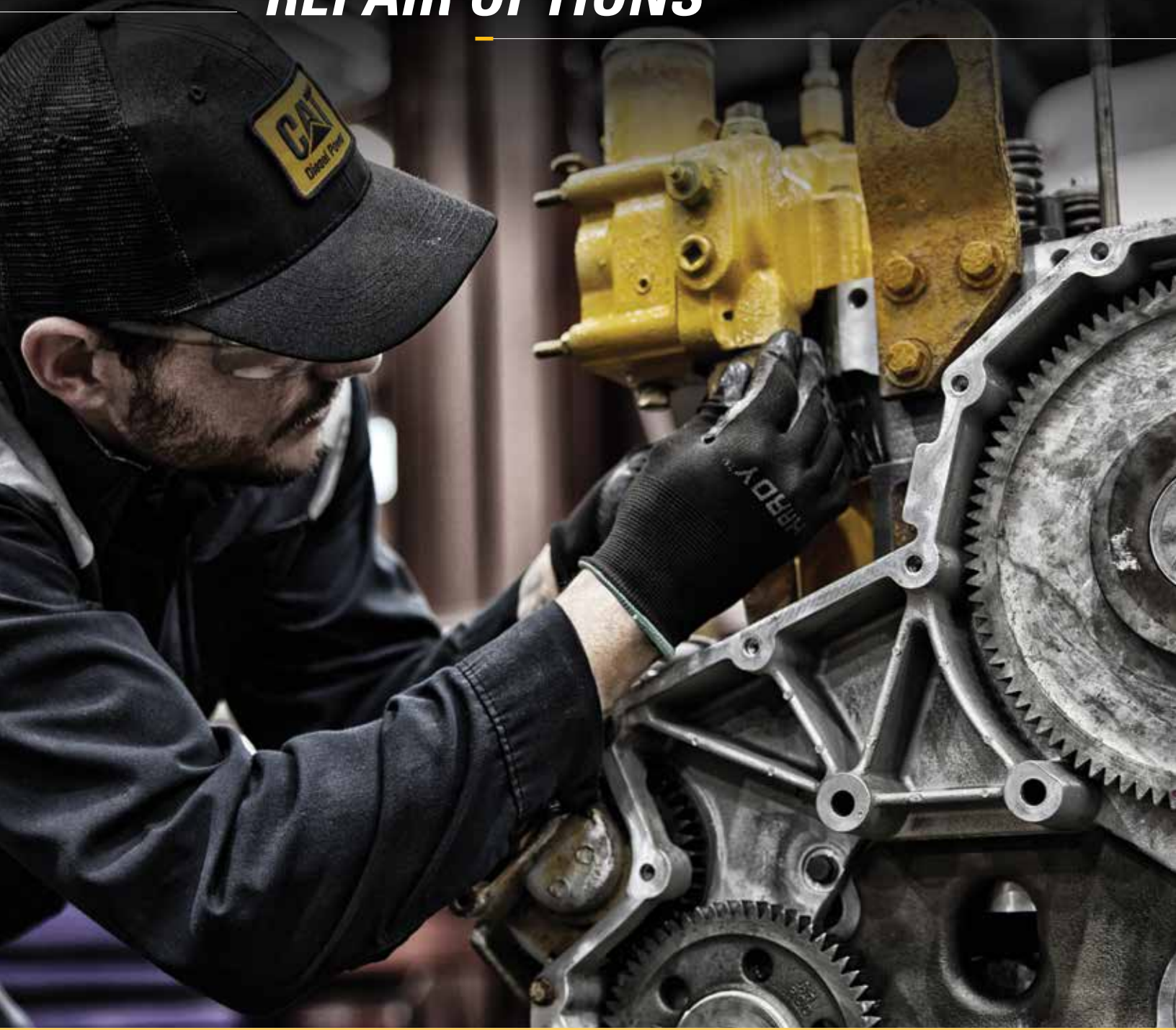


CAT® ON-HIGHWAY TRUCK ENGINE
REPAIR OPTIONS



COMPREHENSIVE SOLUTIONS TO KEEP YOUR CAT®
ON-HIGHWAY TRUCK ENGINE RUNNING STRONG



YOU'LL GO FAR WITH OPTIONS BUILT FOR YOUR NEEDS

***YOU TRUST YOUR LIVELIHOOD TO CAT® ON-HIGHWAY TRUCK ENGINES,
AND WE'RE HERE TO HELP YOU KEEP THEM RUNNING STRONG.***

No matter what road you travel, there's an authorized Cat dealer nearby — ready with a wide range of parts, maintenance and repair options for all types of budgets and needs.

YOU CAN COUNT ON US FOR:

- Solutions for medium-duty and heavy-duty engines
- Off-the-shelf parts availability plus 24/7 access on Parts.Cat.Com
- Over-the-counter options for repairs and overhauls you perform yourself or have done at your local repair shop
- Flexible extended protection plans

From simple part replacements to complete engine overhauls, we've got you covered. And because every repair option is designed specifically for Cat on-highway truck engines, you can count on maintaining peak performance while keeping your costs and downtime to a minimum.



ALL GENUINE CAT NEW AND
CAT REMAN PARTS ARE BACKED BY
OUR **12-MONTH WARRANTY**¹

12^{MOS}

CATERPILLAR WARRANTIED PRODUCT

If one of the genuine Cat parts used in your repair is found to be defective and fails within the warranty period, not only would the Cat new or Cat Reman part be replaced, but any resultant damage to other Cat parts would also be covered.

¹Limitations may apply; for complete details about the applicable Caterpillar Limited Warranty, contact an authorized Cat dealer.

THE BROADEST RANGE OF PARTS BUILT FOR YOUR ENGINE

GENUINE CAT PARTS

Genuine Cat parts are designed to go the distance and engineered to the exacting standards of your Cat on-highway truck engine. Will-fit parts aren't, and that can mean trouble down the road. Plus, every Cat component — whether new or Cat Reman — is backed by a 12-month warranty¹ for your peace of mind.

» NEW CAT PARTS

From batteries and filters to gaskets, O-rings and seals — plus all the parts pictured below — new Cat parts are readily available off-the-shelf and online. Repair kits (see page 6) and bronze and silver precious metals kits (see page 8) also include all new Cat parts. Unlike Cat Reman components, there's no core charge associated with new Cat parts.

» CAT REMAN PARTS

Cat Reman components get you back to work quickly and reliably, so you can lower your repair costs without sacrificing performance. Priced at a fraction of new, every part is remanufactured to original Caterpillar specifications with the latest engineering updates included.



AIR COMPRESSORS



CYLINDER HEADS



INJECTORS



OIL COOLERS



OIL PUMPS



**SHORT BLOCKS &
CYLINDER PACKS**



TURBOCHARGERS

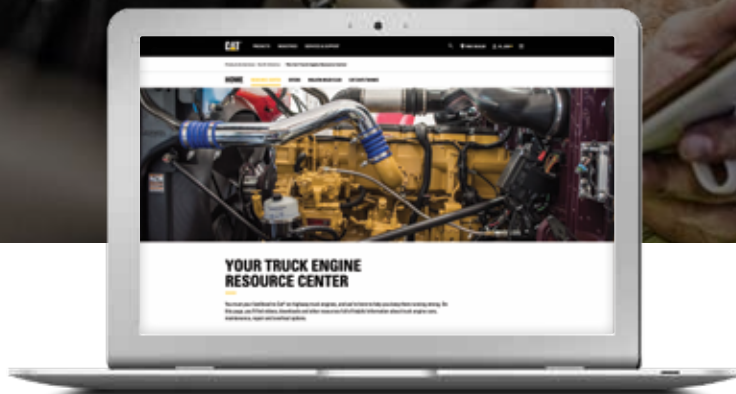


WATER PUMPS

COMPONENT PLUS COVERAGE:

- » **Extended protection** for more than 20 individual components
- » **Parts and labor coverage** for up to four years with a \$0 deductible
- » **No mileage/hour limitations** or transfer fees
- » **Peace of mind** against unexpected repair bills, costly downtime and rising parts and labor costs

» **NEW AND CAT REMAN COMPONENTS ARE AVAILABLE ON [PARTS.CAT.COM](https://parts.cat.com) FOR FAST ONLINE ORDERING. OR CALL OR STOP BY YOUR LOCAL AUTHORIZED CAT DEALER.**



CONNECT TO OUR TRUCK ENGINE RESOURCE CENTER FOR MORE DETAILS ABOUT COMPONENTS.

COST-EFFECTIVE REPAIR KITS FOR ROUTINE MAINTENANCE

CAT REPAIR KITS

If you perform routine maintenance now, you can avoid paying more later in bigger repairs. Our convenient kits cover essential and often overlooked elements of truck engine maintenance for an affordable, quality repair in one easy-to-order package.

» EXHAUST MANIFOLD INSTALL KIT

Prevent a leaking exhaust manifold from costing you downtime and more fuel. Use this kit containing new gaskets, nuts, studs, washers and exhaust manifold sleeves when completing manifold reseals, turbo replacements or exhaust bellows repairs.



» INJECTOR CUP KIT

Keep fuel out of your cooling system and vice versa with a kit that includes new filters, gaskets, O-ring seals and injector sleeves. Use it when you replace injectors, discover fuel in coolant or experience a leak with any cup.



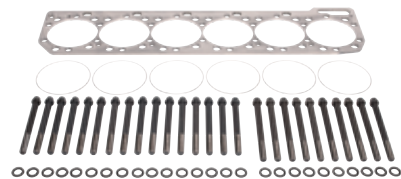
» EXHAUST BELLOWS KIT

Repair defective connections that can throw your ACERT™ engine out of order. This kit comes complete with new bellows, expansion joints and V-band clamps for use when completing bellows replacements, manifold repairs or turbo replacements.



» SPACER PLATE & SHIM KIT

If you find issues like a pitted or not flat spacer plate or out-of-spec cylinder liner protrusion when you remove the cylinder head, resolve them with this kit. Made for use during cylinder head replacement, when the head is pulled and counter bores need to be cut, or when your engine tops 750,000 miles, it includes a spacer plate, head bolts, washers and .032" cylinder liner seat inserts.



» CAT REMAN CAMSHAFT KIT

When it's time to replace your camshaft, or if you find pitted or flat camshaft lobes, this kit is a great way to save time and money and prevent premature wear by replacing the camshaft and rocker arms as a set. It includes both a Cat Reman camshaft and fully assembled rocker arms.



CAMSHAFT KITS* COVERAGE:

- » **Extended Service Coverage** includes parts and repairer labor coverage for up to four years with a \$0 deductible and no mileage/hour limitations or transfer fees.
- » **Camshaft Component Plus** is available for parts installed during an overhaul or repair. Camshaft coverage covers the camshaft and the moving components in direct contact with the camshaft.

**Other repair kits come with the 12-month warranty.*

» REPAIR KITS ARE AVAILABLE ON **PARTS.CAT.COM** FOR FAST ONLINE ORDERING. OR PICK ONE UP AT YOUR LOCAL AUTHORIZED CAT DEALER.



CONNECT TO OUR **TRUCK ENGINE RESOURCE CENTER** FOR MORE DETAILS ABOUT REPAIR KITS.

OVERHAUL KITS FOR RELIABLE, HIGH-QUALITY REBUILDS

CAT OVERHAUL KITS

Cat precious metals kits keep your engine running at peak performance. They include the parts required for a reliable, high-quality rebuild that meets Caterpillar's recommended engine overhaul practices. Backed with a 12-month parts warranty¹, they can save you up to 30% compared to purchasing parts individually.

» MEDIUM-DUTY OVERHAUL KITS

(C7, 3126B & 3126E)

- **Bronze kit:** Low-cost, basic repair option
- **Silver kit:** Basic in-frame overhaul comparable to most will-fit in-frame overhaul kits
- **Gold kit:** Basic in-frame overhaul that delivers the most cost-effective extension of asset life
- **Platinum kit:** Complete out-of-frame overhaul that replaces the need for block machining
- **Titanium kit:** Complete out-of-frame overhaul that saves labor on piece part assembly
- **HEUI fuel system kit:** Addition to bronze, silver or gold kits for mid-life performance improvement

» HEAVY-DUTY OVERHAUL KITS

(C-12, C13 ACERT™, C-15, C15 ACERT, C-16 & 3406E)

- **Bronze kit:** Low-cost repair for a basic engine reseal
- **Silver kit:** Basic in-frame overhaul, ideal if you can reuse your connecting rods, and comparable to most will-fit in-frame overhaul kits
- **Gold kit:** Mid-range overhaul that comes with six pre-assembled piston packs to save on labor
- **Platinum kit:** Premium overhaul that optimizes performance and fuel economy and maximizes the built-in second or third life of your engine

NO CORE CHARGE

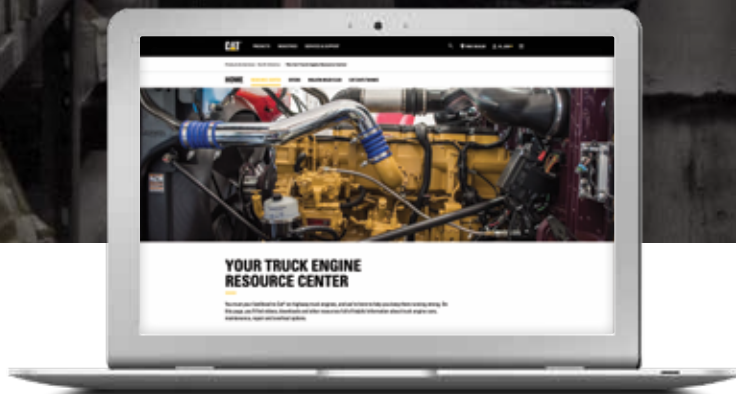
Bronze and silver kits for both medium-duty and heavy-duty engines contain all new parts, so there is no core charge.



PRECIOUS METALS KIT EXTENDED SERVICE COVERAGE (ESC)

- » **Protection** for kits sold over the counter or through the shop
- » **Parts and repairer labor coverage** for up to four years with a \$0 deductible
- » **No mileage/hour limitations** or transfer fees
- » **Peace of mind** against unexpected repair bills, costly downtime and rising parts and labor costs

» **CAT PRECIOUS METALS KITS ARE AVAILABLE ON [PARTS.CAT.COM](https://parts.cat.com) FOR FAST ONLINE ORDERING. OR PICK ONE UP AT YOUR LOCAL AUTHORIZED CAT DEALER.**



CONNECT TO OUR TRUCK ENGINE RESOURCE CENTER FOR MORE DETAILS ABOUT PRECIOUS METALS KITS.

FULLY ASSEMBLED, TIME-SAVING COMPLETE OVERHAUL SOLUTIONS

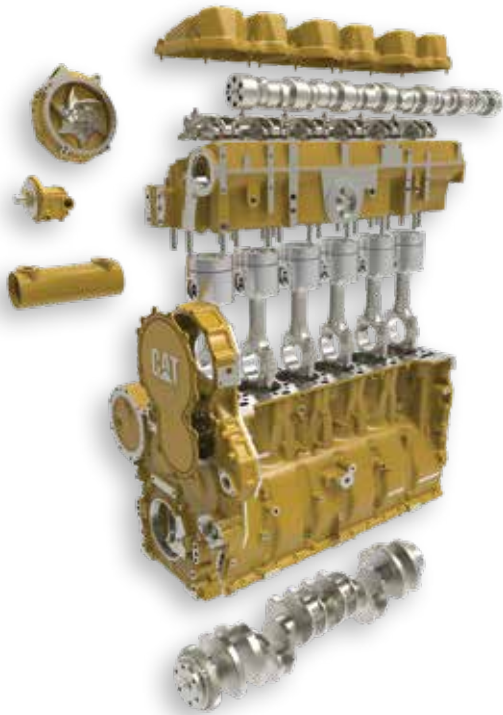
CAT OVERHAUL SOLUTIONS

Cat on-highway truck engines are designed for the long haul with multiple lives built in. When it's time to overhaul yours, these options get you back on the road fast, at a price you can afford. Cat Reman long blocks and complete engines are drop-in solutions that reduce downtime and costs with no sacrifices to quality and reliability. They're remanufactured to original Caterpillar specifications with the latest engineering updates included, then inspected and tested to perform like new.

» FOR MEDIUM-DUTY ENGINES

(C7, 3116, 3126B/3126E)

- **Cat Reman long blocks** come fully assembled with the cylinder block and head, crankshaft, camshaft, pistons, connecting rods, timing gears, lifter, oil cooler and HEUI pump. And they're backed by a same-as-new, 12-month warranty.¹
- **Complete Cat Reman engines** include the air compressor, flywheel, main engine wiring harness, electronic control module and all engine sensors — fully assembled for a fast, efficient overhaul. They're backed by a 12- or 36-month warranty² with 12 months of towing coverage included.



» FOR HEAVY-DUTY ENGINES

(C-10, C-12, C13 ACERT™, C-15, C15 ACERT, 3406)

- **Cat Reman long blocks** are ideal for second, third or fourth engine overhauls when your core is in good condition. They're fully assembled with everything required for a quick, quality repair — and all the included parts deliver significant savings in downtime, labor and overhaul costs. And they're backed by a same-as-new, 12-month warranty.¹
- **Cat Reman long blocks with new content** feature 100% new cylinder blocks, crankshafts and cylinder heads. This option is ideal when your core needs a reset. You'll also receive full credit for rusted, corroded or damaged cores.
- **Complete Cat Reman engines** are fully assembled for a fast, efficient overhaul — including the electronic control module (ECM), engine wiring harness and sensor set and complete set of oil and fuel lines — and backed by a 24-month, unlimited-mileage warranty.²
- **Complete Cat Reman engines with new content** come with 100% new cylinder blocks, crankshafts and cylinder heads, so you can upgrade to a new model or repower your truck from another engine brand.

¹Limitations may apply; for complete details about the applicable Caterpillar Limited Warranty, contact an authorized Cat dealer.

²Warranty can vary by model and application, limitations may apply. For complete details about the applicable Caterpillar Limited Warranty, contact an authorized Cat dealer.

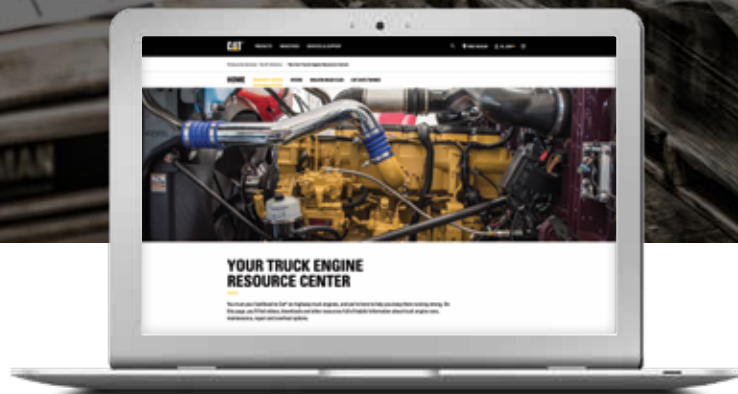
OVERHAUL PROTECTION FOR TRUCKS (OPT)

- » **Protection** for complete overhauls performed by an authorized Cat dealer*
- » **Parts and repairer labor coverage** for up to four years with various deductible options
- » **No mileage/hour limitations** or transfer fees
- » **Peace of mind** against unexpected repair bills, costly downtime and rising parts and labor costs

**If a local repair shop handles your rebuilds, you can purchase Cat Component Plus coverage for Cat Reman long blocks, complete Cat Reman engines, and complete Cat Reman engines with new content.*



» **TALK TO YOUR LOCAL AUTHORIZED CAT DEALER ABOUT THE BEST OPTION FOR OVERHAULING OR REPOWERING YOUR CAT ON-HIGHWAY TRUCK ENGINE.**



CONNECT TO OUR TRUCK ENGINE RESOURCE CENTER FOR MORE DETAILS ABOUT OVERHAULS.

YOUR DEALER IS STANDING BY

The Cat dealer network stocks a broad line of new and Cat Reman parts and components, supported by the Caterpillar worldwide inventory and distribution system. Over 30 authorized Cat dealers in North America manage a combined network of more than 2,000 sales and service locations. Most components are available and ready to install, reducing your downtime and maintaining productivity. Contact your local dealer today.

