

A close-up photograph of a male technician with a beard, wearing a black CAT-branded baseball cap and safety glasses. He is wearing black gloves and is focused on working on a large, complex engine component, likely a fuel injection pump or governor, which is painted yellow. The engine is made of heavy metal and features large gears. The background is dark and out of focus, suggesting a workshop or engine room environment. The overall tone is professional and industrial.

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
- Drop-in ready solutions 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 performance while keeping your total cost of ownership and downtime low.



CATERPILLAR WARRANTIED PRODUCT

12^{MOS}

Cat new and Cat Reman parts are covered by a 12-month Caterpillar Limited Warranty¹ against Caterpillar defects in material and/or workmanship.

24^{MOS}

Cat Reman heavy-duty engines are covered by a 24-month Caterpillar Limited Warranty¹.

36^{MOS}

Cat Reman medium-duty engines are covered by a 36-month, 150,000 miles or 3,600 hours Caterpillar Limited Warranty¹, plus towing coverage for the first 12 months.

¹Warranty can vary by model and application; limitations apply. For complete details about the applicable Caterpillar Limited Warranty, contact an authorized Cat dealer.

A BROAD 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. Every Cat component – whether new or Cat Reman – is covered by a 12-month Caterpillar Limited Warranty¹ against Caterpillar defects in material and/or workmanship. The components pictured below are available as new and Cat Reman.



AIR COMPRESSORS



CYLINDER HEADS



INJECTORS



OIL COOLERS



OIL PUMPS



**SHORT BLOCKS &
CYLINDER PACKS**



TURBOCHARGERS



WATER PUMPS

» NEW CAT PARTS

From batteries and filters to gaskets, O-rings and seals – plus all the parts pictured above – the Cat dealer network stocks a broad line of new Cat parts and components, supported by the Caterpillar worldwide inventory and distribution system. Cat parts are also available online at parts.cat.com. Repair kits (see page 6) and bronze and silver precious metals kits (see page 8) 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 total cost of ownership without sacrificing performance. They're a fraction of the cost of new when you return your end-of-life core², and every part is remanufactured to original Caterpillar specifications with critical engineering updates included.

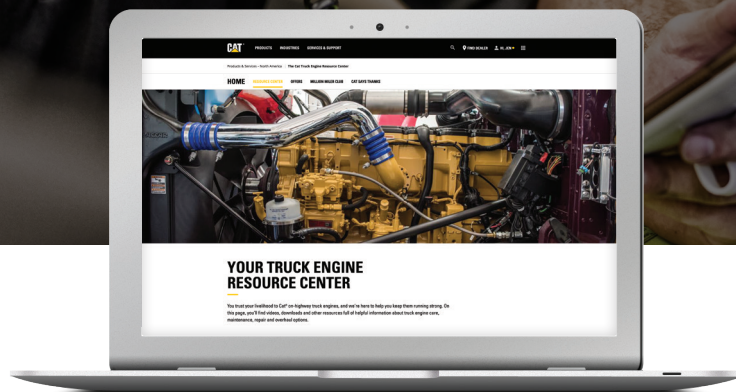
¹Warranty can vary by model and application; limitations apply. For complete details about the applicable Caterpillar Limited Warranty, contact an authorized Cat dealer.

²Core conditions apply.

EXTENDED SERVICE COVERAGE (ESC) COMPONENT PLUS:

- » **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.**

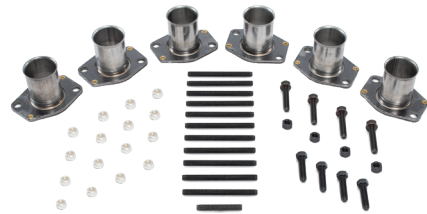
COST-EFFECTIVE REPAIR KITS FOR ROUTINE MAINTENANCE

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.



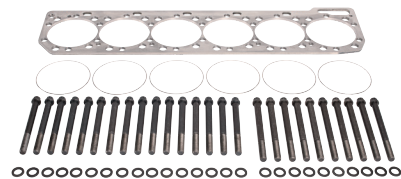
» EXHAUST BELLOWS KIT

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.

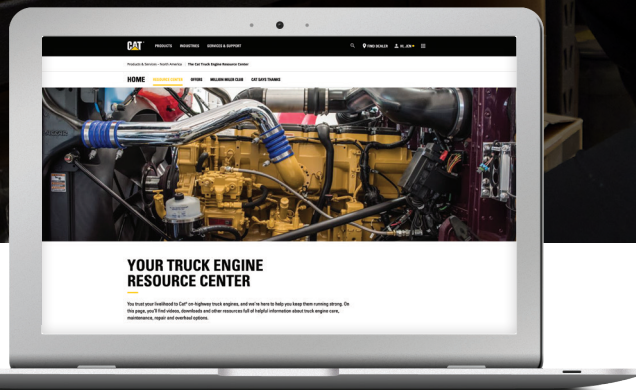


EXTENDED SERVICE COVERAGE (ESC) CAMSHAFT KITS:¹

- » **Extended Service Coverage** includes covered component and repairer labor coverage up to four years with various deductible options 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.

¹Replacement components are covered by a 12-month Caterpillar Limited Warranty against Caterpillar defects in materials and/or workmanship. Warranty can vary by model and application; limitations apply. For complete details about the applicable Caterpillar Limited Warranty, contact an authorized Cat dealer.

» 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 include the parts required for a reliable, high-quality rebuild that meets Caterpillar's recommended engine overhaul practices. They're covered by a 12-month Caterpillar Limited Warranty¹ against Caterpillar defects in materials and/or workmanship. These kits have all the necessary components for your next overhaul under one part number, which makes ordering easier and saves you time.

» 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 a 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 improves performance and fuel economy and leverages 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.

¹Warranty can vary by model and application; limitations apply. For complete details about the applicable Caterpillar Limited Warranty, contact an authorized Cat dealer.



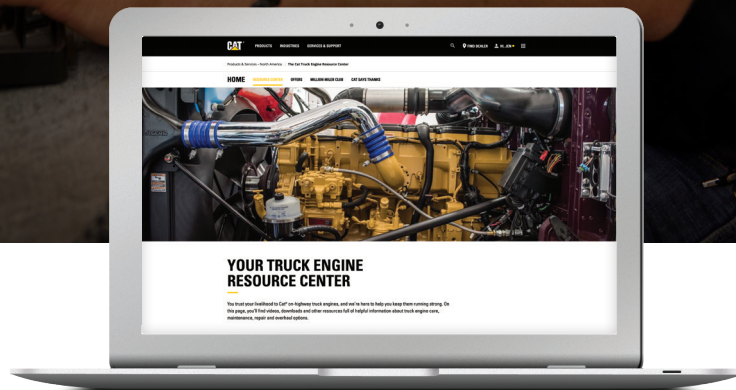
EXTENDED SERVICE COVERAGE (ESC) PRECIOUS METALS KITS:

- » **Protection** for kits sold over the counter or through the shop
- » **Covered component and repairer labor coverage** 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

» **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.**



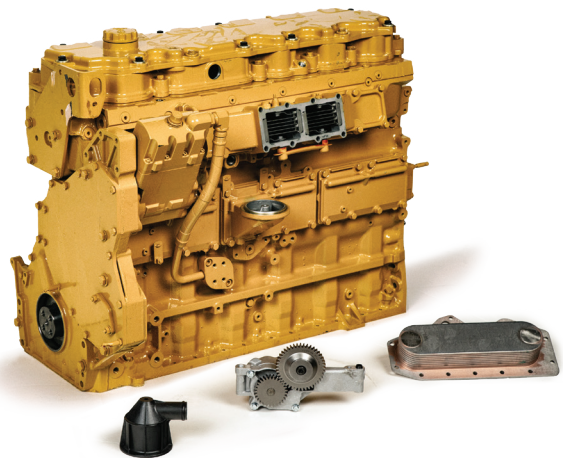
FULLY ASSEMBLED, TIME-SAVING COMPLETE OVERHAUL SOLUTIONS

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.

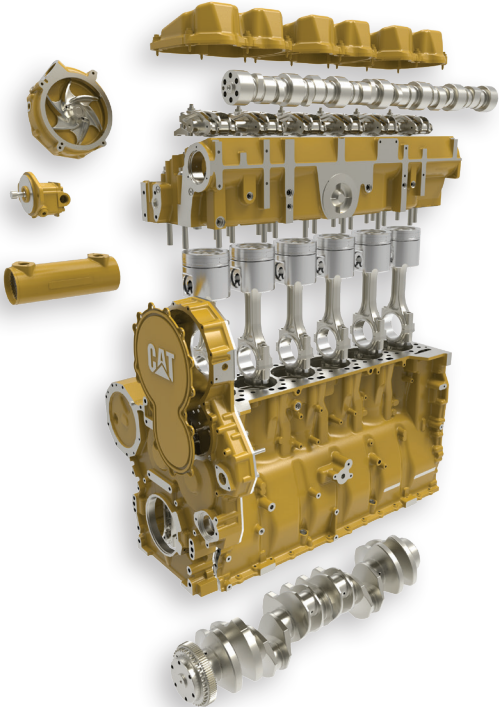
» FOR MEDIUM-DUTY ENGINES (C7, 3116, 3126B/3126E)

- **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 covered by a 12-month Caterpillar Limited Warranty¹ against Caterpillar defects in materials and/or workmanship.
- **Cat Reman engines** include the air compressor, main engine wiring harness, electronic control module and all engine sensors – fully assembled for a fast, efficient overhaul. Cat Reman medium-duty engines are covered by a 36-month, 150,000 miles or 3,600 hours Caterpillar Limited Warranty¹, plus towing coverage for the first 12 months. Extended Service Coverage (ESC) is available for even more peace of mind.



» 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 covered by a 12-month Caterpillar Limited Warranty¹ against Caterpillar defects in materials and/or workmanship.
- **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 credit² for rusted, corroded or damaged cores.
- **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. Cat Reman heavy-duty engines are covered by a 24-month Caterpillar Limited Warranty¹, with Extended Service Coverage (ESC) available for even more peace of mind.
- **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.³



¹Warranty can vary by model and application; limitations apply. For complete details about the applicable Caterpillar Limited Warranty, contact an authorized Cat dealer.

²Core conditions apply.

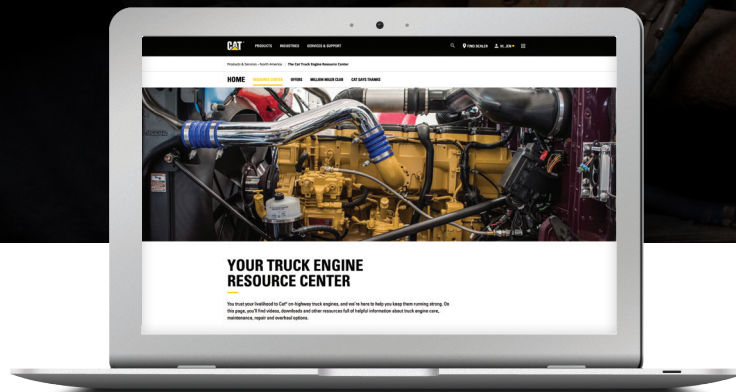
³Some exclusions apply.

OVERHAUL PROTECTION FOR TRUCKS (OPT)

- » **Protection** for complete overhauls performed by an authorized Cat dealer¹
- » **Covered component and repairer labor coverage** 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

¹If a local repair shop handles your rebuilds, you can purchase Cat Component Plus coverage for Cat Reman long blocks, Cat Reman engines, and 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.

