

— CAT® PRECIOUS METALS  
**OVERHAUL KITS**



## OVERHAUL FOR BETTER PERFORMANCE

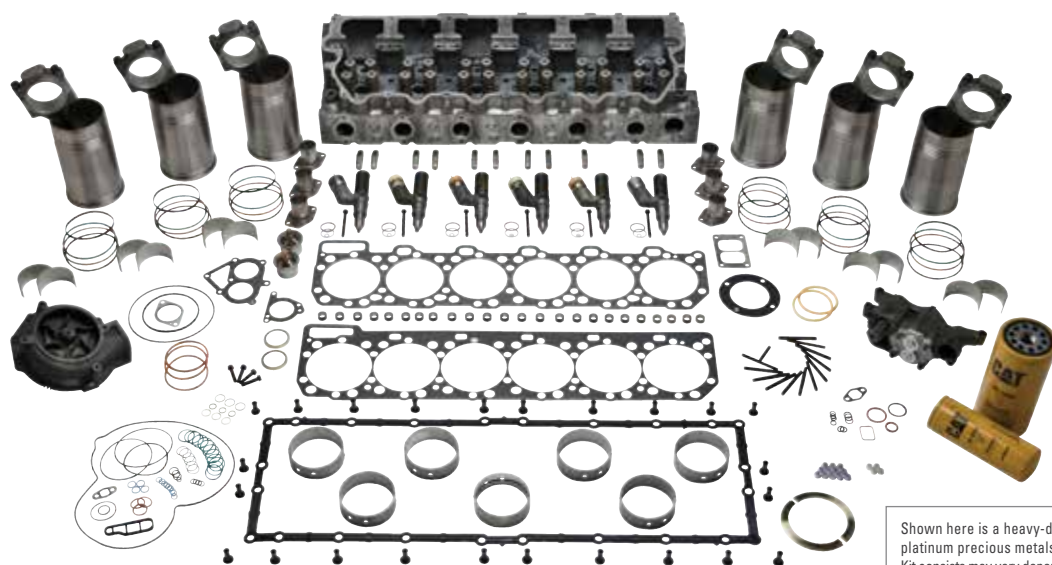
Keep your Cat® on-highway truck engine running by overhauling your engine using a Cat precious metals kit. These kits deliver a reliable and high-quality rebuild that meets Caterpillar's recommended engine overhaul practices. They include the parts necessary for a variety of repair options, from a basic repair to a complete in-frame or out-of-frame overhaul.

Decreased fuel economy is a common indicator of engine part wear and could mean an overhaul is needed. Fuel costs add up quickly, but increasing your miles per gallon can save money over the course of a year. For instance, saving one mile per gallon can equate to over \$11k in fuel costs annually.

SIX MPG VS. SEVEN MPG:  
**\$11k\*** IN ANNUAL FUEL COSTS

\*Approx. based on 125k miles/year and 2024 average fuel cost of \$3.76/gallon

ONE KIT PART NUMBER  
MAKES ORDERING  
**EASIER** AND  
SAVES YOU **TIME**



Shown here is a heavy-duty platinum precious metals kit. Kit consists may vary depending on engine model.

## OVERHAUL KITS FOR ANY NEED

We offer a full range of solutions to fit your budget and situation.

### MEDIUM-DUTY

BRONZE, SILVER, GOLD, PLATINUM,  
TITANIUM, HEUI™ FUEL SYSTEM KIT

- » C7
- » 3126B
- » 3126E

### HEAVY-DUTY

BRONZE, SILVER,  
GOLD, PLATINUM

- » C-12
- » C13 ACERT™
- » C-15
- » C15 ACERT
- » C-16
- » 3406E

Cat precious metals kits are covered by a 12-month Caterpillar Limited Warranty<sup>1</sup> against Caterpillar defects in material and/or workmanship. In addition to the one-year warranty, you can also purchase Extended Service Coverage (ESC) for these kits. ESC is available for up to four years, with no mile or hour limitations.

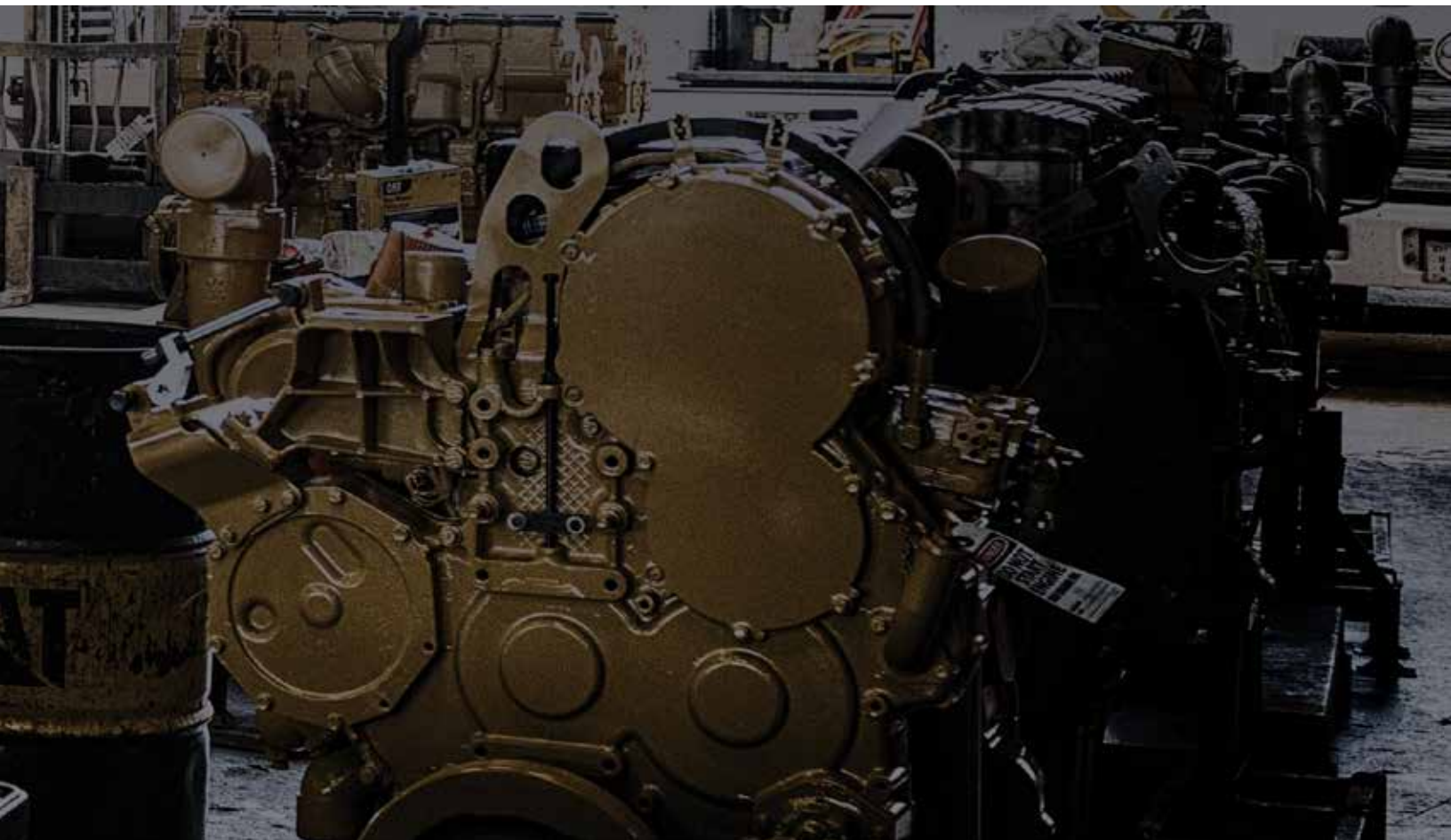
KITS ARE AVAILABLE ON  
**PARTS.CAT.COM**  
FOR FAST ONLINE ORDERING

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

## PAY LESS. GET MORE.

With Cat precious metals kits, one part number makes ordering easier and saves you time. Choose the option that matches your repair indicators.

OPTION	REPAIR INDICATORS	KIT OVERVIEW
BRONZE KIT	Any external oil, coolant or fuel leaks	– Pair with pistons, rings and/or liners for a basic engine reseal – Includes new components – no core charge
SILVER KIT	Decrease in power, increase in oil consumption or excessive exhaust smoke	– Select this low-end rebuild if you can reuse connecting rods – Includes new components – no core charge
GOLD KIT	Decrease in power, increase in oil consumption or excessive exhaust smoke	– Select this mid-range rebuild if you cannot reuse connecting rods – Contains factory-assembled Cat Reman cylinder packs with connecting rods – Commonly pairs with Cat Reman cylinder head
PLATINUM KIT	Decrease in MPG or power or increase in oil consumption with excessive exhaust smoke	– Select this premium overhaul to reset your engine to like-new specifications – Contains Cat Reman components not included in gold: cylinder head, injector set, water pump and oil pump – Commonly pairs with turbocharger(s)
TITANIUM KIT (medium-duty only)	Decrease in MPG or power or increase in oil consumption with excessive exhaust smoke	– Upgrade to this option if you need a camshaft in addition to platinum – Save on labor hours compared to platinum





# MEDIUM-DUTY OVERHAUL KITS

WITH COST EFFECTIVE AND SIMPLE-TO-ORDER OVERHAUL OPTIONS, MEDIUM-DUTY PRECIOUS METALS OVERHAUL KITS DELIVER RELIABLE, HIGH-QUALITY REBUILDS THAT MEET CATERPILLAR'S RECOMMENDED ENGINE OVERHAUL PRACTICES.

## CONSIDERATIONS AND AVAILABLE KITS



### BRONZE

- » Low-cost, basic repair option
- » No core charges
- » Main, rod and thrust bearings
- » Complete set of seals and gaskets, retainers, plugs, hardware, etc.
- » Value-add components: Cat oil and fuel filters, exhaust sleeves, studs and thermostats



### PLATINUM

- » Complete out-of-frame overhaul
- » Replaces the need for block machining
- » Includes all parts from gold kit, plus bare block, Cat Reman HEUI pump, six Cat Reman injectors, Cat Reman oil pump, Cat Reman cylinder head and IAP sensor



### SILVER

- » Basic in-frame overhaul
- » No core charges
- » Includes all parts from bronze kit, plus six pistons, rings, pins and retainers



### TITANIUM

- » Complete out-of-frame overhaul
- » Includes all parts from bronze kit, plus a preassembled Cat Reman long block, which includes factory installed HEUI pump, oil pump, and oil cooler, saving you labor on piece part assembly. This kit also comes with six Cat Reman injectors and an IAP sensor.



### GOLD

- » Basic in-frame overhaul
- » Most cost-effective extension of asset life
- » Includes the core components from the bronze kit, plus six Cat Reman piston packs, preassembled piston packs (saves labor on piece part assembly)



### HEUI FUEL SYSTEM KIT

- » Excellent mid-life performance improvement
- » Stand-alone repair option or combine with other kit options
- » Includes six Cat Reman injectors, plus Cat Reman HEUI pump, hold-down bolts, IAP sensor, seals and O-rings

## COMPARE YOUR OPTIONS / *MEDIUM-DUTY*

	BRONZE	SILVER	GOLD	PLATINUM	TITANIUM*	WHY CHOOSE CAT PRECIOUS METALS KITS?
Rod, main and thrust bearing set	X	X	X	X	X	Critical internal components are designed for your Cat engine
Connecting rod bolts and nuts	X	X	X	X	X	Replacement helps prevent failure from stress and a catastrophic failure
Fuel injector hold down bolts	X	X	X	X	X	Replacement for proper clamping force and to assist in prevention of fuel dilution
Cylinder head gasket set	X	X	X	X	X	Comprehensive set means no missing O-rings or gaskets
Front cover gasket	X	X	X	X	X	Replacing the seal helps prevent future leaks
Valve cover seal	X	X	X	X	X	Replacing the seal helps prevent future leaks
Oil pan gasket	X	X	X	X	X	One-piece steel/silicate design is better than paper gaskets
Fuel injector gasket kit	X	X	X	X	X	Replacing injector seals helps prevent fuel dilution and engine damage
Exhaust manifold sleeves, high temp studs, locking nuts	X	X	X	X	X	Debris from unexpected failure could damage turbo and cylinder components
Front and rear main seal/wear sleeves	X	X	X	X	X	Replacing the seal helps prevent future leaks
Oil fill cap	X	X	X	X	X	Helps prevent oil and crankcase gas leaks
Thermostats and gaskets	X	X	X	X	X	Replacement enables proper cooling and helps prevent overheating
Advanced efficiency oil and fuel filters	X	X	X	X	X	Increased filtration reduces wear and protects fuel system from contamination
Pistons crown, skirt, rings, wrist pins and clips		X	X	X	X	Replacement of these critical internal components that are designed for your Cat engine helps improve performance and reliability
Connecting rods			X	X	X	Reusing bent or imperfect rods can lead to catastrophic failure
Complete Cat Reman cylinder head				X	X	Cat Reman head offers like-new performance and reliability at fraction-of-new price when you return your end-of-life core <sup>2</sup>
Injection actuation pressure sensor				X	X	Enables proper fuel pressure and helps prevent poor fuel economy
Cat Reman HEUI pump				X	X	Enables proper fuel pressure and helps prevent poor fuel economy
Cat Reman injectors - complete set				X	X	Critical internal components are designed for your Cat engine
Cat Reman oil pump				X	X	Critical internal components are designed for your Cat engine
Cat Reman cylinder block				X	X*	Factory-remanufactured block is built to like-new specifications for peace of mind
Cat Reman crankshaft					X	Magnafluxing and demagnetization for a quality rebuild
Cat Reman camshaft					X	Replacement of this critical internal component that is designed for your Cat engine helps improve performance and reliability
Cat Reman oil cooler					X	Replacement helps prevent excessive oil temps to reduce wear and increases engine life
Cat Reman fuel transfer pump					X	Maintaining proper fuel pressure is key to improved fuel economy and performance
Front housing and gear train					X	Factory-built and timed parts deliver performance and fuel economy
Valve cover base and set					X	Factory-built and timed parts deliver performance and fuel economy

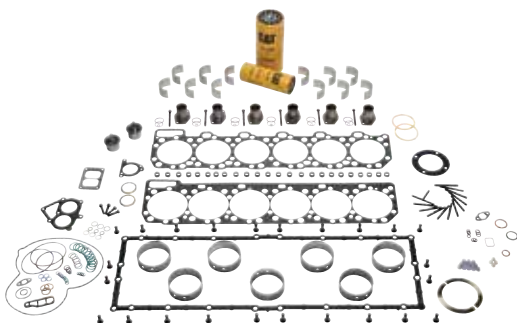
\*Titanium kit contains pre-assembled long block

<sup>2</sup> Core conditions apply.

# HEAVY-DUTY OVERHAUL KITS

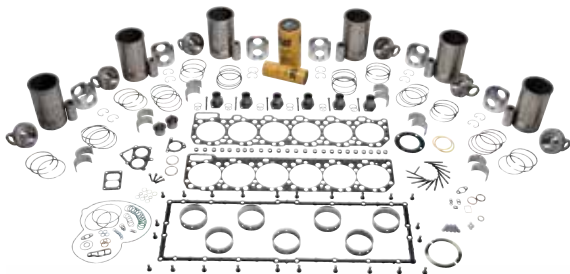
HEAVY-DUTY PRECIOUS METALS OVERHAUL KITS GIVE YOU COST-EFFECTIVE, HIGH-QUALITY OVERHAUL OPTIONS THAT HELP YOU GET MORE OUT OF YOUR CAT TRUCK ENGINE. EACH KIT MEETS CATERPILLAR'S RECOMMENDED ENGINE OVERHAUL PRACTICES.

## CONSIDERATIONS AND AVAILABLE KITS



### BRONZE

- » Low-cost repair option
- » Includes value-add components such as Cat oil and fuel filters
- » Includes components that you might not think of replacing such as exhaust sleeves and exhaust manifold studs
- » No core charge



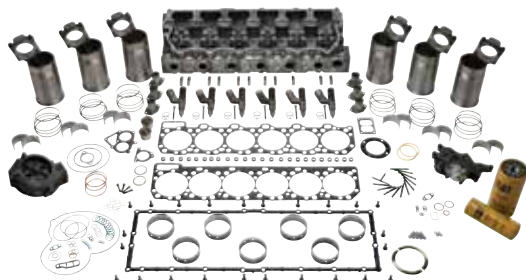
### SILVER

- » A basic in-frame overhaul
- » Builds on the bronze kit
- » No core charge



### GOLD

- » A basic in-frame overhaul
- » Includes the core parts from the bronze kit and the added bonus of Cat Reman cylinder pack assemblies (which are beneficial because the rods, pistons, rings and liners come preassembled, saving hours of labor compared with the silver kit)



### PLATINUM

- » Includes the components from the gold kit, plus Cat Reman cylinder head assembly, Cat Reman fuel injector, Cat Reman water pump, Cat Reman oil pump and cylinder head bolt set
- » Improves performance and fuel economy
- » Leverages the built-in second or third life of your engine

## COMPARE YOUR OPTIONS / *HEAVY-DUTY*

	BRONZE	SILVER	GOLD	PLATINUM	WHY CHOOSE CAT PRECIOUS METALS KITS?
Rod and main bearing set	X	X	X	X	Critical internal components are designed for your Cat engine
Head gasket set	X	X	X	X	Comprehensive set means no missing o-rings or gaskets
Front cover gasket	X	X	X	X	Replacing the seal, which can be damaged during removal, helps prevent leaks
Oil pan gasket	X	X	X	X	One-piece steel/silicate design is better than paper gaskets
Kit gasket (single fuel injector)	X	X	X	X	Replacing injector seals helps prevent fuel dilution and engine damage
Exhaust manifold sleeves, high-temp studs and locking nuts	X	X	X	X	Debris from unexpected failure could damage turbo and cylinder components
Oil pan isolator assemblies	X	X	X	X	Replacement helps ensure compliance with emission and noise standards
Thermostats	X	X	X	X	Replacement enables proper cooling and helps prevent overheating
Advanced efficiency oil and fuel filters	X	X	X	X	Increased filtration reduces wear and protects fuel system from contamination
Liners, piston body skirts, rings, wrist pins and liner seals		X	X*	X*	Critical internal components are designed for your Cat engine
Piston crowns		X	X*	X*	Replacement helps improve performance and reliability
Connecting rods			X*	X*	Reusing bent or imperfect rods can lead to catastrophic failure
Complete Cat Reman cylinder head and cylinder head bolt set				X	Cat Reman head offers like-new performance and reliability at fraction-of-new price when you return your end-of-life core <sup>2</sup> ; new head bolts ensure proper torque at critical joints
Cat Reman water pump				X	Cat Reman pump offers like-new performance and reliability at fraction-of-new price when you return your end-of-life core <sup>2</sup>
Cat Reman injectors - complete set				X	Critical internal components are designed for your Cat engine
Cat Reman oil pump				X	Critical internal components are designed for your Cat engine

**\*Part of preassembled Cat Reman cylinder pack**

<sup>2</sup> Core conditions apply.





## CATERPILLAR WARRANTIED PRODUCT

Genuine Cat new and Cat Reman parts are covered by a 12-month Caterpillar Limited Warranty<sup>1</sup> against Caterpillar defects in material and/or workmanship, so you can feel confident selecting a repair option through your local authorized Cat dealer.

## CATERPILLAR EXTENDED SERVICE COVERAGE (ESC)

Cat precious metals kits have available Extended Service Coverage (ESC) options no matter if installed by an authorized Cat dealer or the do-it-yourself installer. ESC Terms for precious metals kit parts last up to 4 years from the purchase date. Should a kit part fail due to a defect in material or factory workmanship your authorized Cat dealer will replace it.

## 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. With over 40 authorized Cat dealers in North America who manage a combined network of 2,000+ sales and service locations, most components are available and ready to install, reducing your downtime and maintaining productivity. Contact your local authorized Cat dealer today.

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

