

— *PRECIOUS METALS*
OVERHAUL KITS



OVERHAUL FOR PEAK PERFORMANCE

Ensure your engine is running at peak performance 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 all parts necessary for a variety of repair options, from a basic repair to a complete in-frame or out-of-frame overhaul.

**SIX MPG VS. SEVEN MPG:
\$6,700* IN ANNUAL
FUEL COSTS**

*Approx. based on 125k miles/year and \$2.25/gallon

**SAVE UP TO 30%
OVER PURCHASING
PARTS INDIVIDUALLY**

OVERHAUL KITS FOR ANY NEED

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

MEDIUM-DUTY

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

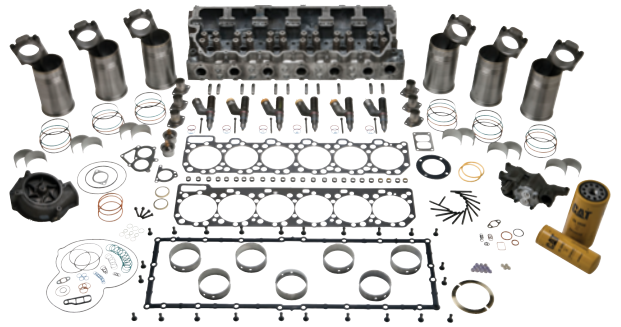
- » C7
- » 3126B
- » 3126E

HEAVY-DUTY

BRONZE, SILVER,
GOLD, PLATINUM

- » C12
- » C13 ACERT™
- » C15
- » C15 ACERT
- » C16
- » 3406E

Cat Precious Metals Kits come with a factory-backed, 12-month parts warranty. Our warranty covers parts, labor and contingent damage and has no mileage limitations. In addition to the standard one-year warranty, extended service coverage for these kits is also available for up to four years, with no mileage or hour limitations.



FIND THE KIT YOU NEED

FOLLOW THE SIMPLE STEPS LISTED BELOW TO DETERMINE WHICH OPTION IS RIGHT FOR YOUR CAT ENGINE.

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Sales Model	Engine S/N	Horsepower Range	Bronze	Silver	Gold	Platinum					
C12	2KS00387 - UP	335 - 455 hp	350-5791	<u>350-5735</u>	<u>10R-9808</u>	<u>10R-9810</u>					
	MBL00001 - UP	335 - 455 hp		<u>352-6018</u>	<u>10R-9809</u>	<u>10R-9811</u>					
C13 ACERT	KCB00001-05433	380 hp	422-9391	422-9598	10R-9920	<u>10R-9921</u>					
		430 hp									
	KCB00001-06811	335 hp									
		410 hp									
	KCB05434 - UP	380 hp									
		430 hp									
	KCB06812 - UP	335 hp				<u>10R-9922</u>					
		410 hp									
	LEE00001-UP	305 hp					438-7105	438-8632	20R-1166	<u>20R-1167</u>	
		335 hp									
		350 hp									
		370 hp									
		380 hp									
		410 hp									
430 hp											
470 hp											
3406E	5EK00001 - UP	500 - 550 hp	348-7073	348-7339	10R-9552						<u>10R-9564</u>
	6TS00001-25054										
	5EK67193 - UP	475 hp*									
	6TS00001-25054	475 hp*									
	5EK00001-67192	475 hp*									
	5EK53004 - UP	435 - 455 hp*									
	6TS00001-25054										
	5EK00001-53003	455 hp*									
	5EK01185-53003	435 hp*									
	5EK00001 - UP	355 - 410 hp									
	6TS00001-25054	310 - 330 hp									
6TS25055 - UP	475 - 550 hp	348-7102	349-5917	10R-9553	<u>10R-9556</u>						
	435 - 455 hp*										
	310 - 410 hp										
2WS00406 - UP	435 - 550 hp	345-9172	346-3791 ^	<u>10R-9346</u> ^	<u>10R-9350</u> ^						
1LW00230 - UP	435 - 550 hp					<u>20R-0740</u> ^^	<u>20R-0741</u> ^^				
C15	6NZ00001 - UP	435 - 550 hp	345-7562	<u>346-4200</u> ^	<u>10R-9343</u> ^	<u>10R-9347</u> ^					
	9NZ00001 - UP						<u>346-4170</u>	<u>20R-0742</u> ^^	<u>20R-0743</u> ^^		
	MBN00001 - UP									<u>10R-9345</u>	<u>10R-9349</u>
C15 ACERT	BXS00001 - UP	435 - 550 hp	357-4645	<u>356-1428</u> ^	<u>10R-9923</u> ^	<u>10R-9925</u> ^					
	MXS00001 - UP	435 - 550 hp									
	NXS00001 - UP	435 - 550 hp									
	MXS00001 - UP	600 - 625 hp									
	NXS00001 - UP	600 - 625 hp									
	SDP00001-UP	435 hp					442-7439	442-8972	20R-3076	<u>20R-3077</u>	
		475 hp									
500 hp											
550 hp											
SDP00001 - UP	600 hp	442-7439	N/A	N/A	N/A						
C16	7CZ00001 - UP	575 - 600 hp	345-7562	346-4307	10R-9344	10R-9348					

* Difference in pistons; confirm piston part number compatibility with dealer when ordering the Silver, Gold or Platinum Kits.

^ Kit ships with cylinder packs for normal load applications. High load applications (GVWR greater than 140,000 lbs.) should utilize high load kit or replace top ring with 247-6130. Refer to SEBD6832 for top ring reference.

^^ High load application kit (GVWR greater than 140,000 lbs.).

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 & 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 filter, Cat fuel filter, exhaust sleeves, studs and thermostats



SILVER

- » Basic in-frame overhaul (comparable to most will-fit in-frame overhaul kits)
- » No core charges
- » Includes all parts from Bronze Kit, plus six pistons, rings, pins and retainers



GOLD

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



PLATINUM

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



TITANIUM

- » Complete out-of-frame overhaul
- » Includes all parts from Bronze kit, plus Reman long block, six Reman injectors, IAP sensor and preassembled Reman long block (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 Reman injectors, plus Reman HEUI pump, hold-down bolts, IAP sensor, seals and O-rings

FIND THE KIT YOU NEED

FOLLOW THE SIMPLE STEPS LISTED BELOW TO DETERMINE WHICH OPTION IS RIGHT FOR YOUR CAT ENGINE.

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Sales Model	Engine S/N	Horsepower Range	RPM	Torque (ft-lbs)	Bronze	Silver	Gold	Platinum
C7	KAL, WAX, SAP (Low HP)	190-210	All	520-605	368-0653	<u>368-0651</u>	<u>20R-0634</u>	<u>20R-0638</u>
	KAL, WAX, SAP (Med HP)	230-250		540-660		<u>368-0650</u>	<u>20R-0635</u>	<u>20R-0639</u>
	KAL, WAX, SAP (High HP)	230-350*		800-860				<u>20R-0640</u>
3126B	8YL1 - UP	175-210**	2300-2400	420-520	<u>370-7905</u>	<u>370-7906**</u>	<u>20R-0645**</u>	<u>20R-0650**</u>
		210**	2200	520-605				<u>20R-0651**</u>
		230		660		<u>20R-0649</u>		
		275-300		800-860		<u>20R-0644</u>	<u>20R-0648</u>	
	8YL1 - 68263	250		2200		660-800	<u>370-7907</u>	<u>20R-0644</u>
	8YL68264 - UP	250	<u>370-7907</u>			<u>20R-0644</u>	<u>20R-0649</u>	
3126E	CKM51 - 03721	175-210	2300-2400	420-520	<u>370-7905</u>	<u>370-7906</u>	<u>20R-0645</u>	N/A
		CKM3722 - UP	175-210	2300-2400				420-520
	CKM51 - UP	210	2200	520-605		<u>20R-0664</u>		
		230-250		660-800		<u>20R-0660</u>		
		275-300		800-860		<u>20R-0659</u>		
	9SZ1 - UP	175-210	2300-2400	420-520		<u>370-7906</u>	<u>20R-0645</u>	<u>20R-0650</u>
		210	2200	520-605		<u>20R-0651</u>		
		230-250		660-800		<u>20R-0649</u>		
	275-300	800-860		<u>20R-0648</u>				
	HEP1 - 07679***	175-210	2300-2400	420-520		<u>370-7906</u>	<u>20R-0645</u>	<u>20R-0667</u>
		210	2200	520-605		<u>20R-0665</u>		
		230-250		660-800		<u>20R-0661</u>		
		275-300		800-860		N/A		
		HEP7580 - 14785***	175-210***	2300-2400		420-520	<u>370-7906</u>	<u>20R-0645</u>
	210***		2200	520-605		<u>20R-0665</u>		
	230-250***			660		<u>20R-0661</u>		
	250-300***			800-860		<u>20R-0662</u>		
	330*	860		<u>20R-0662</u>				
HEP14586 - UP***	175-210	2300-2400	420-520	<u>370-7906</u>	<u>20R-0645</u>	<u>20R-0667</u>		
	210	2200	520-605	<u>20R-0665</u>				
	230-300		660-860	<u>20R-0661</u>				
	330*		860	<u>20R-0662</u>				



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				ADDITIONAL REMAN REPAIR OPTIONS		
HEUI Fuel System Kit	Titanium	Short Block	Long Block	New	Reman*	Complete Engine Rating
<u>20R-0641</u>	<u>20R-0799</u>	10R-4139	10R-4145	235-9215 264-5479 258-9208 241-1278 242-7655 253-5719	10R-8776 10R-8810 10R-8774 10R-8777 10R-8778 10R-8809	190 @ 2300 190 @ 2300 210 @ 2400 210 @ 2400 210 @ 2400 210 @ 2400
<u>20R-0642</u>	<u>20R-0797</u>	10R-4134	10R-4144	241-1294 245-6973	10R-8811 10R-8812	230 @ 2300 230 @ 2300
<u>20R-0643</u>	<u>20R-0798</u>			239-4754 251-9075*	10R-8813 10R-8775*	300 @ 2200 350 @ 2400*
<u>20R-0652</u>	N/A	0R-4890	N/A	177-1232	0R-4879	190 @ 2200
<u>20R-0654</u>				177-1178	0R-4859	210 @ 2300
<u>20R-0653</u>		0R-9964	0R-7907	177-1182	0R-4855	300 @ 2200
<u>20R-0654</u>						
N/A	N/A	0R-4890	10R-7040			
<u>20R-0672</u>	<u>20R-0806</u>					
<u>20R-0670</u>	<u>20R-0801</u>	0R-9964	N/A	188-6756	20R-0014	210 @ 2200
<u>20R-0669</u>	<u>20R-0802</u>					
<u>20R-0652</u>	N/A	0R-4890	10R-7040	184-2898	20R-0015	300 @ 2200
<u>20R-0654</u>				188-6756	20R-0014	210 @ 2200
<u>20R-0653</u>		0R-9964	N/A	184-2898	20R-0015	300 @ 2200
<u>20R-0673</u>	<u>20R-0821</u>	0R-4890	10R-7038			
<u>20R-0671</u>	<u>20R-0805</u>					
<u>20R-0671</u>	<u>20R-0804</u>	0R-9964	10R-7039			
N/A	N/A					
<u>20R-0673</u>	<u>20R-0821</u>	0R-4890	10R-7038			
<u>20R-0671</u>	<u>20R-0805</u>					
<u>20R-0671</u>	<u>20R-0804</u>	0R-9964	10R-7039			
<u>20R-0674</u>	<u>20R-0803</u>					
<u>20R-0673</u>	<u>20R-0821</u>	0R-4890	10R-7038	228-1263*	20R-0016*	330 @ 2400*
<u>20R-0671</u>	<u>20R-0805</u>					
<u>20R-0671</u>	<u>20R-0804</u>	0R-9964	10R-7039	225-2174	20R-0017	210 @ 210
<u>20R-0674</u>	<u>20R-0803</u>					
<u>20R-0674</u>	<u>20R-0803</u>	0R-9964	10R-7039	228-1263*	20R-0016*	330 @ 2400*
<u>20R-0673</u>	<u>20R-0821</u>					
<u>20R-0671</u>	<u>20R-0805</u>	0R-4890	10R-7038	225-2174	20R-0017	210 @ 210
<u>20R-0671</u>	<u>20R-0804</u>					
<u>20R-0674</u>	<u>20R-0803</u>	0R-9964	10R-7039	228-1263*	20R-0016*	330 @ 2400*
<u>20R-0673</u>	<u>20R-0821</u>					

* Note - 330 and 350 ratings are for emergency service and RV applications only and are for limited use, not for over-the-road use
 ** Note - If engine currently has 172-3282 piston crown, cooling jets as well as software require update (not required for HEUI system kit)
 *** Note - Rerates can only be made within the engine's specific emissions family



HEAVY-DUTY OVERHAUL KITS

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

CONSIDERATIONS & 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 (comparable to most will-fit in-frame overhaul kits)
- » 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 four to six 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 and Cat Reman oil pump
- » Optimizes performance and fuel economy
- » Maximizes the built-in second or third life of your engine



GUARANTEED TO LAST

Genuine Cat new and Reman parts are backed by our **12-MONTH WARRANTY**, so you can feel confident selecting a repair option through your Cat dealer.

Additionally, if one of the genuine Cat new or Reman parts used in your repair is proven to be defective and the cause of any resultant damage, not only would the Cat new or Reman part be replaced, but any resultant damage to other Cat parts would also be covered. Competitors typically only warranty the part they replace regardless of whether or not the part has caused resultant damage.



BUILT FOR IT.™

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