

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

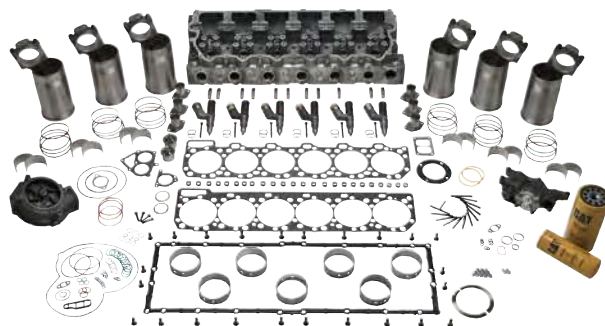
- » C7
- » 3126B
- » 3126E

HEAVY-DUTY

BRONZE, SILVER,
GOLD, PLATINUM

- » C-12
- » C13 ACERT™
- » C-15
- » C15 ACERT
- » C-16
- » 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.



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



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



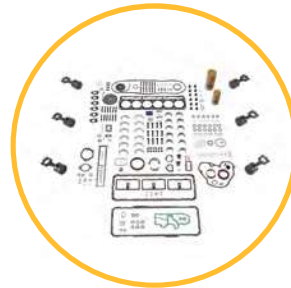
BRONZE

- » 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

* Note - Long block includes factory installed HEUI pump, Oil Pump, and Oil Cooler

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	368-0651	20R-0634	20R-0638
	KAL, WAX, SAP (Med HP)	230-250		540-660		368-0650	20R-0635	20R-0639
	KAL, WAX, SAP (High HP)	230-350*		800-860				20R-0640
3126B	8YL1 - UP	175-210**	2300-2400	420-520	370-7905	370-7906**	20R-0645**	20R-0650**
		210**	2200	520-605		370-7907	20R-0644	20R-0651**
		230		660				20R-0649
		275-300		800-860		20R-0648		
	8YL1 - 68263	250	2200	660-800		370-7907	20R-0644	20R-0649
	8YL68264 - UP	250						
3126E	CKM51 - 03721	175-210	2300-2400	420-520	370-7905	370-7906	20R-0645	N/A
	CKM3722 - UP	175-210	2300-2400	420-520				20R-0666
	CKM51 - UP	210	2200	520-605		370-7907	20R-0644	20R-0664
		230-250		660-800				20R-0660
		275-300		800-860				20R-0659
	9SZ1 - UP	175-210	2200	420-520		370-7906	20R-0645	20R-0650
		210		520-605				20R-0651
		230-250		660-800		370-7907	20R-0644	20R-0649
		275-300		800-860				20R-0648
	HEP1 - 07679***	175-210	2200	420-520		370-7906	20R-0645	20R-0667
		210		520-605				20R-0665
		230-250		660-800		370-7907	20R-0644	20R-0661
		275-300		800-860				N/A
	HEP7580 - 14785***	175-210***	2200	420-520		370-7906	20R-0645	20R-0667
		210***		520-605				20R-0665
		230-250***		660		370-7907	20R-0644	20R-0661
		250-300***		800-860				20R-0662
		330*		860				
	HEP14586 - UP***	175-210	2200	420-520		370-7906	20R-0645	20R-0667
		210		520-605				20R-0665
		230-300		660-860		370-7907	20R-0644	20R-0661
330*		860		20R-0662				



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				ADDITIONAL REMAN REPAIR OPTIONS		
HEUI Fuel System Kit	Titanium	Short Block	Long Block	New	Reman*	Complete Engine Rating
20R-0641	20R-0799	10R-4139	10R-4145	235-9215	10R-8776	190 @ 2300
				264-5479	10R-8810	190 @ 2300
				258-9208	10R-8774	210 @ 2400
				241-1278	10R-8777	210 @ 2400
				242-7655	10R-8778	210 @ 2400
				253-5719	10R-8809	210 @ 2400
20R-0642	20R-0797	10R-4134	10R-4144	241-1294	10R-8811	230 @ 2300
20R-0643	20R-0798			245-6973	10R-8812	230 @ 2300
				239-4754	10R-8813	300 @ 2200
				251-9075*	10R-8775*	350 @ 2400*
20R-0652	N/A	0R-4890	N/A	177-1232	0R-4879	190 @ 2200
20R-0654				177-1178	0R-4859	210 @ 2300
20R-0653		0R-9964	0R-7907	177-1182	0R-4855	300 @ 2200
20R-0654						
N/A	N/A	0R-4890	10R-7040			
20R-0672	20R-0806					
20R-0670	20R-0801			188-6756	20R-0014	210 @ 2200
	20R-0802	0R-9964	N/A			
20R-0669	20R-0800			184-2898	20R-0015	300 @ 2200
20R-0652	N/A			0R-4890	10R-7040	
20R-0654		188-6756	20R-0014			210 @ 2200
20R-0653		0R-9964	N/A	184-2898	20R-0015	300 @ 2200
20R-0673						
20R-0671	20R-0821	0R-4890	10R-7038			
	20R-0805			225-2174	20R-0017	210 @ 210
		20R-0804	0R-9964	10R-7039		
N/A	N/A					
20R-0673	20R-0821	0R-4890	10R-7038			
20R-0671	20R-0805			225-2174	20R-0017	210 @ 210
	20R-0804	0R-9964	10R-7039			
20R-0674	20R-0803			228-1263*	20R-0016*	330 @ 2400*
20R-0673	20R-0821	0R-4890	10R-7038			
20R-0671	20R-0805			225-2174	20R-0017	210 @ 210
	20R-0804					
20R-0674	20R-0803	0R-9964	10R-7039	228-1263*	20R-0016*	330 @ 2400*

* 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)

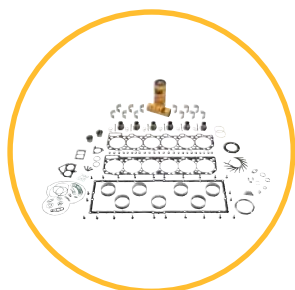
*** Note - Rerates can only be made within the engine's specific emissions family



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



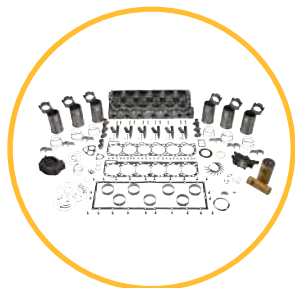
SILVER

- » 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, Cat Reman oil pump and cylinder head bolt set
- » Optimizes performance and fuel economy
- » Maximizes the built-in second or third life of your engine

READY TO INSTALL COMPONENTS

The Cat dealer network stocks the broadest line of remanufactured parts and components in the industry supported by the Caterpillar worldwide inventory and distribution system. And with more than 1,400 authorized Cat dealers in North America, your Cat dealer will have the components you need ready to install, minimizing your downtime and maintaining productivity.

FIND THE KIT YOU NEED

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

1

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Sales Model	Engine S/N	Horsepower Range	Bronze	Silver	Gold	Platinum
C-12	2KS00387 - UP	335 - 455 hp	<u>350-5791</u>	<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	<u>422-9391</u>	<u>422-9598</u>	<u>10R-9920</u>	<u>10R-9921</u>
		430 hp				
	KCB00001-06811	335 hp				<u>10R-9922</u>
		410 hp				
	KCB05434 - UP	380 hp				<u>10R-9922</u>
		430 hp				
	KCB06812 - UP	335 hp	<u>438-7105</u>	<u>438-8632</u>	<u>20R-1166</u>	<u>20R-1167</u>
		410 hp				
	LEE00001-UP	305 hp				
		335 hp				
		350 hp				
		370 hp				
		380 hp				
		410 hp				
	430 hp					
	470 hp					
3406E	5EK00001 - UP	500 - 550 hp	<u>348-7073</u>	<u>348-7339</u>	<u>10R-9552</u>	<u>20R-7815</u>
	6TS00001-25054					
	5EK67193 - UP	475 hp*		<u>348-7346</u>	<u>10R-9554</u>	<u>20R-7816</u>
	6TS00001-25054					
	5EK00001-67192	475 hp*		<u>348-7339</u>	<u>10R-9552</u>	<u>20R-7817</u>
	5EK53004 - UP	435 - 455 hp*		<u>348-7346</u>	<u>10R-9554</u>	<u>20R-7816</u>
	6TS00001-25054					<u>20R-7818</u>
	5EK00001-53003	455 hp*		<u>349-5917</u>	<u>10R-9553</u>	<u>20R-7819</u>
	5EK01185-53003	435 hp*				<u>20R-7820</u>
	5EK00001 - UP	355 - 410 hp		N/A	N/A	N/A
	6TS00001-25054	310 - 330 hp				<u>20R-7819</u>
	6TS25055 - UP	475 - 550 hp	<u>348-7102</u>	N/A	N/A	<u>20R-7820</u>
		435 - 455 hp*				
	310 - 410 hp				N/A	
	2WS00406 - UP	435 - 550 hp	<u>345-9172</u>	<u>346-3791</u> ^	<u>10R-9346</u> ^	<u>20R-7821</u>
	1LW00230 - UP	435 - 550 hp			<u>20R-0740</u> ^^	<u>20R-7825</u>
C-15	6NZ00001 - UP	435 - 550 hp	<u>345-7562</u>	<u>346-4200</u> ^	<u>10R-9343</u> ^	<u>20R-7822</u>
	9NZ00001 - UP			<u>20R-0742</u> ^^	<u>20R-7826</u>	
	MBN00001 - UP	435 - 525 hp		<u>346-4170</u>	<u>10R-9345</u>	<u>20R-7823</u>
C15 ACERT	BXS00001 - UP	435 - 550 hp	<u>357-4645</u>	<u>356-1428</u> ^	<u>10R-9923</u> ^	<u>20R-7411</u>
	MXS00001 - UP	435 - 550 hp				
	NXS00001 - UP	435 - 550 hp		<u>356-1448</u> ^	<u>10R-9924</u> ^	<u>20R-7412</u>
	MXS00001 - UP	600 - 625 hp				
	NXS00001 - UP	600 - 625 hp				
	SDP00001-UP	435 hp	<u>442-7439</u>	<u>442-8972</u>	<u>20R-3076</u>	<u>20R-7414</u>
		475 hp				
		500 hp				
		550 hp				
SDP00001 - UP	600 hp	<u>442-7439</u>	N/A	N/A	N/A	
C-16	7CZ00001 - UP	575 - 600 hp	<u>345-7562</u>	<u>346-4307</u>	<u>10R-9344</u>	<u>20R-7824</u>

* 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.).

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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