



READY FOR THE NEXT STEP

CAT® MEDIUM-DUTY PRECIOUS METALS KITS

Medium-duty precious metals kits are convenient overhaul solutions for your Cat® on-highway truck engine. With six cost-effective and simple-to-order overhaul options, medium duty precious metals overhaul kits come in the following levels: bronze, silver, gold, platinum plus, titanium and HEUI system.

Precious metals overhaul kits are engineered to deliver a reliable and high-quality rebuild that meets Caterpillar's recommended engine overhaul practices. Get the confidence and peace of mind that comes with using genuine Cat parts conveniently assembled in a kit by the original manufacturer. You get the right parts for the job, supported by the Cat dealer network, through a simple ordering process. Kits include built-in warranty protection with a 12-month Caterpillar Limited Warranty¹, along with Extended Service Coverage (ESC) options, up to 4 years/unlimited miles. Added value at every level.

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



WE'RE READY WITH OPTIONS

Medium-duty precious metals overhaul kits – ORDER MATRIX

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

STEP 1: Select your engine model.

STEP 2: Select the engine serial number prefix and range of your engine.

STEP 3: Determine horsepower range (and torque range if required).

STEP 4: Determine which level kit you need, i.e., bronze, silver, gold, platinum or titanium.

STEP 5: Validate that the engine arrangement is covered.

STEP 6: Order the corresponding part number from your local authorized Cat dealer.



					ADDITIONAL CAT REMAN REPAIR OPTIONS	
Platinum	HEUI Fuel System Kit	Titanium	Short Block	Long Block	Cat Reman*	Complete Engine Rating
20R-0638	20R-0641	20R-0799	10R-4139	10R-4145	10R-8776 10R-8810 10R-8774 10R-8777 10R-8778 10R-8809	190 @ 2300 190 @ 2300 210 @ 2400 210 @ 2400 210 @ 2400 210 @ 2400
20R-0639	20R-0642	20R-0797	10R-4134	10R-4144	10R-8811 10R-8812 10R-8813 10R-8775*	230 @ 2300 230 @ 2300 300 @ 2200 350 @ 2400*
20R-0640	20R-0643	20R-0798				
20R-0650**	20R-0652	N/A	0R-4890	N/A	0R-4879 0R-4859	190 @ 2200 210 @ 2300
20R-0651**	20R-0654					
20R-0649						
20R-0648	20R-0653		0R-9964	0R-7907	0R-4855	300 @ 2200
20R-0649	20R-0654					
N/A	N/A	N/A	0R-4890	10R-7040		
20R-0666	20R-0672	20R-0806				
20R-0664	20R-0670	20R-0801			20R-0014	210 @ 2200
20R-0660		20R-0802				
20R-0659	20R-0669	20R-0800	0R-9964	N/A	20R-0015	300 @ 2200
20R-0650	20R-0652	N/A	0R-4890	10R-7040	20R-0014	210 @ 2200
20R-0651	20R-0654					
20R-0649						
20R-0648	20R-0653		0R-9964	N/A	20R-0015	300 @ 2200
20R-0667	20R-0673	20R-0821	0R-4890	10R-7038		
20R-0665	20R-0671	N/A			20R-0017	210 @ 210
20R-0661			20R-0804	0R-9964	10R-7039	
N/A	N/A	N/A				
20R-0667	20R-0673	20R-0821	0R-4890	10R-7038		
20R-0665	20R-0671	N/A			20R-0017	210 @ 210
20R-0661			20R-0804	0R-9964	10R-7039	
20R-0662	20R-0674	N/A			20R-0016*	330 @ 2400*
20R-0667	20R-0673	20R-0821	0R-4890	10R-7038		
20R-0665	20R-0671	N/A			20R-0017	210 @ 210
20R-0661			20R-0804	0R-9964	10R-7039	
20R-0662	20R-0674	N/A			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



BRONZE

- » Low-cost 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



SILVER

- » Basic in-frame overhaul
- » No core charges
- » Includes all parts from bronze kit, plus:
 - 6 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:
 - 6 preassembled Cat Reman piston packs, which 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
 - 6 Cat Reman injectors
 - Cat Reman cylinder head
 - Cat Reman HEUI pump
 - Cat Reman oil pump
 - IAP sensor



TITANIUM

- » Complete out-of-frame overhaul
- » Includes all parts from bronze kit, plus:
 - Preassembled Cat Reman long block which includes factory installed HEUI pump, oil pump, and oil cooler, saving you labor on piece part assembly
 - 6 Cat Reman injectors
 - IAP sensor



HEUI FUEL SYSTEM KIT

- » Excellent mid-life performance improvement
- » Stand-alone repair option or combine with other kit options
- » Includes Cat Reman injectors plus:
 - Cat Reman HEUI pump
 - IAP sensor
 - Hold-down bolts
 - Seals and o-rings