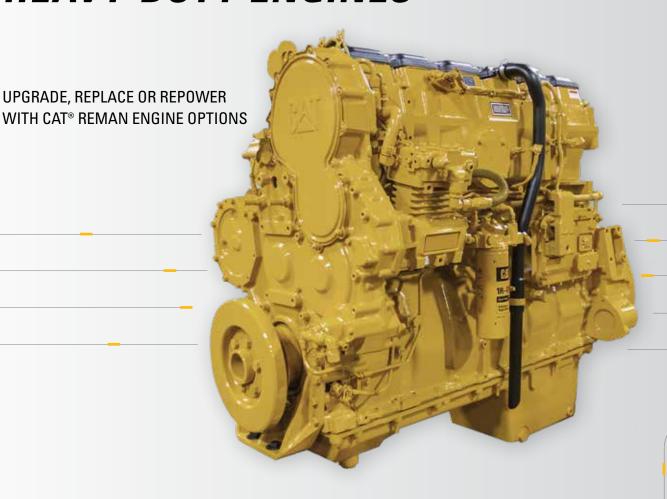
>> CAT® REMAN HEAVY-DUTY ENGINES



GET MORE VALUE FROM YOUR REPAIR DOLLARS

When it's time to overhaul your Cat® heavy-duty on-highway truck engine, you need a solution that gets you back on the road fast, at a price you can afford. We offer two quality options that deliver just that. Both come fully assembled for a quick repair, and both can save you thousands in labor — savings you can apply to other overhaul needs.

A **Cat Reman engine** delivers like new performance at a fraction-of-new price, making it a smart way to get your truck back up and running fast and within your budget. **Cat Reman engines with new content** provide 100% new cylinder blocks, crankshafts and cylinder heads. An ideal choice, whether you want to upgrade to a newer model or repower your truck with the exceptional core leniency that a Cat Reman engine provides. Each repair option is backed by a two-year unlimited-miles Caterpillar Limited Warranty¹ with Extended Service Coverage (ESC) available for even more peace of mind.









TWO SMART SOLUTIONS THAT SAVE YOU TIME AND MONEY

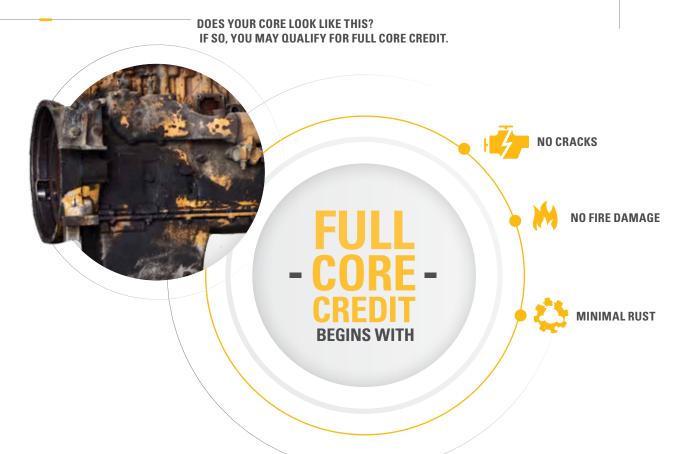


Cat Reman heavy-duty engines can simplify and accelerate your overhaul with a fully assembled, remanufactured solution. That includes components like the electronic control module (ECM), engine wiring harness and sensor set as well as a complete set of oil and fuel lines.

At state-of-the-art remanufacturing facilities, our team:

- Disassembles, cleans and inspects every component and incorporates the latest engineering changes
- Replaces all piston rings, rubber parts, springs, seals, gaskets and o-rings with 100% new components
- Installs new cylinder liners
- · Regrinds and polishes crankshaft journal surfaces to exact dimensions
- Reassembles the final product using Caterpillar product engineering standards
- Performs dynamometer testing and tuning to ensure every product meets original performance specifications

>> CORE CREDIT² FOR CAT REMAN ENGINES



MORE VALUE, NO MATTER WHICH REPAIR OPTION YOU CHOOSE



These engines feature 100% new cylinder blocks, cylinder heads and crankshafts — reducing the risk of a critical failure in components inspected during an overhaul.

Cat Reman engines with new content are an ideal repair option in these situations:

- You need to restart the lifecycle of your engine, making future overhauls possible.
- You want to upgrade to a newer model. With a Cat Reman engine with new content, you can
 move from an older, higher-emitting model to a newer, lower-emitting one.
- You want to replace another engine brand.³ A Cat Reman engine with new content lets you
 repower with a Cat Reman engine of similar displacement and emissions level.
- Your existing core is damaged due to failure or has no value due to excessive rust and corrosion.

CORE CREDIT² FOR CAT REMAN ENGINES WITH NEW CONTENT

GREATER FLEXIBILITY IN CORE ACCEPTANCE CRITERIA MEANS WE CONSIDER DAMAGED, RUSTED AND LOW-VALUE CORES FOR FULL CORE CREDIT — AS WELL AS QUALIFYING COMPETITIVE CORES.4



REPOWER OPTIONS THAT REDUCE DOWNTIME AND LABOR COSTS





Cat Reman engines with new content, meaning you get 100% new cylinder blocks, cylinder heads and crankshafts.

PRE-INSTALLED COMPONENTS THAT ADD VALUE TO YOUR ENGINE

CAT REMAN ENGINES AND CAT REMAN ENGINES WITH NEW CONTENT PROVIDE COST-EFFECTIVE WAYS TO REPOWER OR UPGRADE WITH COMPONENTS THAT ADD VALUE TO YOUR ENGINE.	Cat Reman Engine	Cat Reman Engine with New Content
PRE-INSTALLED COMPONENTS		
CYLINDER BLOCK	•	100% new
CRANKSHAFT	•	100% new
CYLINDER HEAD	•	100% new
TURBOCHARGER	•	•
INJECTOR SET	•	•
ELECTRONIC CONTROL MODULE, ENGINE WIRING HARNESS & SENSORS	•	•
REAR HOUSING & FLYWHEEL	•	•
INLET & EXHAUST MANIFOLDS	•	•
OIL & FUEL LINES	•	•
AIR COMPRESSOR	•	•

CAT REMAN ENGINES SAVE YOU TIME AND MONEY

- >> NO need for reusability determination
- >> NO need to disassemble the engine
- >> **NO** dealing with broken bolts
- >> NO need to outsource machining or repair work

FIND YOUR CAT REMAN HEAVY-DUTY ENGINE

Engine Model	Model Year	Serial Number Prefix	Horsepower Range	Cat Reman Engine Part Number	Cat Reman Engine with New Content Part Number
3406E	1994-1997	5EK	435-550	0R-8700 10R-7248	30R-0061
	1997	6TS			
	1998	1LW			20R-9318
	1999	2WS		20R-6605	
C-12 REPTO	1999-2001	2KS	335-455	_	30R-0129
	1998	9NS			
	1995-1997	1YN			
C-12 STANDARD	1999-2001	2KS	335-455	10R-1410	30R-0130
	1998	9NS			
	1995-1997	1YN			
C13 REPTO	2003-2007	КСВ	335-430	_	30R-0131
	2002	MBL			
C-15	2000-2002	6NZ	435-550	10R-1322	20R-9323
	2002-2003	MBN	435-525	10R-9846	_
C15 ACERT	2003	BXS	435-550	10R-8767	20R-9335
		MXS			
	2004-2006	NXS			
	2004-2000	MXS	600-625	10R-8802	20R-9336
		NXS			



>> PEACE-OF-MIND COVERAGE

Cat Reman heavy-duty engines come with a twoyear unlimited-miles Caterpillar Limited Warranty¹ that covers:

- All engine components for the entire warranty period
- Parts and installation labor¹ to replace defective parts, even if the original repair was not performed by a Cat dealer (assuming workmanship did not cause the failure)
- Resultant damage¹ caused by a covered component to other Cat engine components
- Replacement of engine oil, coolant and filters if contaminated during a failure of a covered component¹
- All of the above, repairs at any authorized Cat dealer (not limited to the original selling or servicing dealer)

>> 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 30 authorized Cat dealers in North America who manage a combined network of 2,000+ sales and service locations, Cat Reman components are drop-in ready solutions, which help you reduce downtime, maintain productivity, and keep your Cat on-highway truck engine on the road for the long haul.

FOR EVEN MORE PROTECTION, ADD EXTENDED SERVICE COVERAGE FOR UP TO





SCAN CODE TO REQUEST COVERAGE





CONNECT TO OUR

TRUCK ENGINE RESOURCE CENTER FOR MORE DETAILS ABOUT EXTENDED SERVICE COVERAGE AND ALL YOUR REPAIR OPTIONS.

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



²Additional guidelines may apply. Contact your authorized Cat dealer for more information.

³Some exclusions apply.

^{*}Competitive core must have similar displacement and the same or newer emissions than the engine being replaced.

The C13 is available only with a high-mount turbocharger and REPTO configuration. For other turbocharger configurations, contact your authorized Cat dealer.

⁶⁰⁻month coverage is available on heavy-duty Cat Reman engines, with a 500k mile limit. Contact your authorized Cat dealer for details.