

TERRA**CAT**

REPAIR OPTIONS



Terra Cat's repair options are designed to provide you with the best solution for your business. Whatever your circumstances might be, we have a broad range of repair options to help you save time and money.

Repairing before failure is the key to maximising availability and uptime while minimising costs. Once a component fails, your choices become limited. Repairing before failure can reduce costs by two to three times the price of after-failure.

FOUR FACTORS TO CONSIDER WITH ENGINE REPAIR OPTIONS

1 OWNERSHIP

How long do you plan to own the machine?

2 UTILISATION

How much/often do you use the machine?

3 AFFORDABILITY

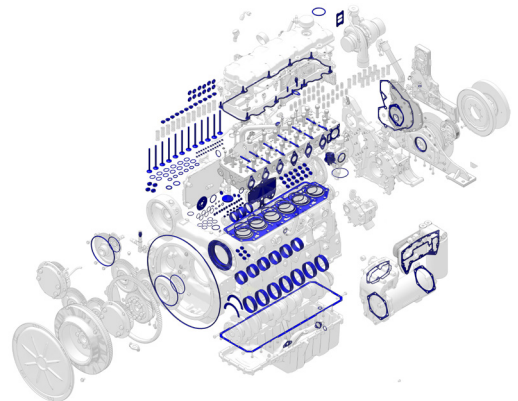
What is your expectation with regard to price?

4 TURNAROUND

How quickly does your machine need to get back to work?

BENEFITS OF ENGINE REPAIR OPTIONS

- Deliver on time and at a fixed price
- Extends life of engine by repairing before failure
- Reduce oil consumption and smoke
- Replaces parts designed to wear out the fastest, protecting other more expensive components
- Restores power
- Can be tailored to individual requirements



THE TERRA CAT ADVANTAGE

- 12 months warranty on parts and labour
- Repairs performed by Caterpillar certified technicians using Caterpillar tooling
- Dedicated Component Rebuild Centre
- Genuine Cat® parts
- Branches across New Zealand
- Finance options available from 0%
- Plan ahead and save when forecasting repairs

REPAIR OPTIONS

C13 ENGINE REPAIR OPTIONS AVAILABLE FOR:

730 Articulated Truck

972 Wheel Loader



← REPAIR BEFORE FAILURE

RESET COMPONENT HOURS TO ZERO →

3 LEVELS OF REPAIR OPTIONS

LEVEL **1**

LEVEL **2**

LEVEL **3**

ENGINE REPAIR OPTIONS The below Repair Options can also be tailored to individual requirements.	LEVEL 1	LEVEL 2	LEVEL 3
All gaskets & seals for components that are removed	Y	Y	Replace using a reman or new complete engine. Complete engines come fully assembled and ready to install. Critical engineering updates are included. Dyno tested prior to shipping. All bolt on components are subject to inspection and may be reused or replaced. Talk to us about our Certified Machine Component Rebuild options. 24M/4000Hr EPP provided complimentary with all Certified rebuilds.
Exhaust manifold studs/locknuts & exhaust sleeves	Y	Y	
Coolant temperature regulators	○	Y	
Oil, air & fuel filters	Y	Y	
Valve lifter spring guides	Y	Y	
Main bearings & crankshaft thrust bearings, rod bearings	○	Y	
Reman cylinder packs (Includes liners, seals, pistons, rings, con rods)	Y	Y	
*Replace engine oil pump with Cat Reman	○	Y	
*Replace water pump with Cat Reman	○	Y	
*Replace cylinder head with Cat Reman	Y	Y	
*Replace engine oil cooler with Cat Reman	○	○	
*Replace turbocharger with Cat Reman	○	Y	
*Replace fuel injectors with Cat Reman	○	Y	
*Replace fuel transfer pump with Cat Reman	○	Y	
Injector engine harnesses	○	Y	
Replace serpentine belt	X	X	

Y included ○ optional X inspect and replace if required N not included

* Cat Reman parts will be used where available, if Reman part is not available the part will be reconditioned or replaced with new. Reman parts subject to core acceptance criteria. All parts subject to availability. Model/prefix may alter options. Inspections follow Caterpillars reuse and salvage guidelines. EPP (equipment protection plan) extended warranty only available with certified rebuilt components.