

REPAIR OPTIONS FOR CAT® 322 C EXCAVATORS



Our recommendation: _____

Rebuild price: _____ Comparable new machine price: _____

Customer name: _____ Customer phone number: _____

Date: _____ Model serial number: _____ Make/model: _____

Machine Sales Rep: _____ Product Sales Rep: _____

While excavator applications vary, certain goals remain — keep owning and operating costs down and equipment uptime high. Peterson offers repair options to maintain performance and profitable operations of excavators.

We want to help you reduce your cost of ownership.

ENGINE REPAIR OPTIONS

LEVEL 1 MINOR OVERHAUL

Includes: Bearings, seals, gaskets and normal onelife wear parts. Assumes all multiple-life parts meet Caterpillar reuse guidelines.

Does not include: External parts, including turbos, exhaust, electrical and electronics

LEVEL 2 MAJOR OVERHAUL

Includes: All Level 1 parts and turbocharger. Reconditions or replaces other critical parts not meeting Caterpillar reuse guidelines.

Does not include: Replacement housings, carriers, valve bodies, shafts or machine work

LEVEL 3 COMPLETE REBUILD

Includes: Complete component rebuild including all Level 1 & 2 parts. Replacement of sensors and harness.

Does not include: Replacement of major housings/castings

LEVEL 4 REMANUFACTURED

Includes: Starter and alternator

LEVEL 1 FINAL DRIVE

Minor Overhaul

Includes: Bearings, seals, gaskets and normal onelife wear parts. Assumes all multiple-life parts meet Caterpillar reuse guidelines.

Does not include: Replacing housings, carriers, shafts, machine work, or other critical parts not meeting Caterpillar reuse guidelines

LEVEL 2 FINAL DRIVE

Major Overhaul

Includes: All Level 1 parts. Reconditions or replaces other critical parts not meeting Caterpillar reuse guidelines.

LEVEL 3 FINAL DRIVE

Remanufactured

LET'S DO THE WORK.™

CONTACT US 888-738-3776

PETERSON



ENGINE REPAIR OPTIONS

Inspect or Test:

- Camshaft
- Cooling system
- Cooling fan
- Coolant hoses
- Radiator
- Crankshaft
- Cylinder block
- ECM
- Engine mounts
- Engine oil cooler
- Exhaust & intake manifolds
- Fan drive, pulleys, belts & belt tensioner
- Flywheel & ring gear
- Front gear train
- Fuel injectors
- Fuel transfer pump & fuel lines
- Fumes disposal & clamps
- Piston spray jets
- Pushrods, lifters & spring guides
- Rocker arm assemblies
- Intake & exhaust
- Rocker arm shaft
- Turbocharger, aftercooler/hoses & clamps
- Unit injection hydraulic pump
- Vibration damper
- Wiring harnesses, switches & sensors

Quote	Level 1	Level 2	Level 3	Level 4
RECONDITION, REPAIR, OR REPLACE	IN-FRAME	OUT-OF-FRAME	OUT-OF-FRAME	REMAN
Camshaft bearings	x	x	x	
Coolant temperature regulator	x	x	x	
Crankshaft thrust plates	x	x	x	
Exhaust manifold studs/locknuts	x	x	x	
Gaskets & seals for components that are removed	x	x	x	
Main bearings & rod bearings	x	x	x	
Breather	x	x	x	
PM Service - oil, fuel, & air filters	x	x	x	
Turbocharger (mounting) studs/locknuts	x	x	x	
Cylinder head	x	x	x	
Cylinder pack	x	x	x	
Water pump		x	x	
Turbocharger		x	x	
Engine oil pump	x	x	x	
Fuel injectors	x	x	x	
Paint engine		x	x	
Fuel transfer pump		x	x	
Engine oil cooler		x	x	
Rocker shaft & arm assemblies (as needed)			x	
Electrical wiring harness & sensors			x	
Piston spray jets			x	
Front gear train bearings		x	x	
V-belt			x	
Polish crankshaft			x	
Inspect fuel lines & replace (as needed)			x	
Camshaft				
Crankshaft				
Exhaust & intake manifolds				
Fan drive, pulleys, belts & belt tensioner				
ECM				
Dyno test engine		x	x	
Replace with Cat remanufactured, includes starter & alternator				x

FINAL DRIVE REPAIR OPTIONS

Inspect or Test:

- Gears
- Shaft
- Carrier
- Wheel spindle
- Operational test

Quote	Level 1	Level 2	Level 3
RECONDITION, REPAIR, OR REPLACE	REBEARING RESEAL	REPAIR OR RECONDITION AS NEEDED	REMAN
All bushings & anti-friction bearings	x	x	
All seals & gaskets	x	x	
Thrust washers	x	x	
Duo-Cone™ seal	x	x	
Miscellaneous hardware	x	x	
REPLACE, REPAIR, OR RECONDITION AS NEEDED FOR THE FOLLOWING:			
Planet gears		x	
Sun gears		x	
Planet shafts		x	
Ring gear		x	
Wheel spindle		x	
Case repairs		x	
Shafts		x	
Housings & carriers		x	
Replace with Cat remanufactured			x