

# REPAIR OPTIONS FOR 950G/H/M WHEEL LOADERS



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: \_\_\_\_\_

Cat® 950 Wheel Loaders set the standard for wheel loader productivity, serviceability, and styling. Peterson offers repair options to maintain the safety, efficiency, and aggressive performance of your machine.

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 TRANSMISSION & TORQUE CONVERTER

#### Minor Overhaul

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

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

### LEVEL 2 TRANSMISSION & TORQUE CONVERTER

#### Major Overhaul

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

### LEVEL 3 TRANSMISSION & TORQUE CONVERTER

#### 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
- Engine transmission torque converter
- Exhaust & intake manifolds
- Fan drive, pulleys, belts & belt
- 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
<b>RECONDITION, REPAIR, OR REPLACE</b>	<b>IN-FRAME</b>	<b>OUT-OF-FRAME</b>	<b>OUT-OF-FRAME</b>	<b>REMAN</b>
Camshaft bearings	X	X	X	
Coolant temperature regulator	X	X	X	
Crankshaft thrust plates	X	X	X	
Engine transmission torque converter	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			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	
<b>Replace with Cat remanufactured, includes starter &amp; alternator</b>				<b>X</b>

## TRANSMISSION REPAIR OPTIONS

### Inspect or Test:

- Clutch discs and plates
- Gears
- Shafts
- Clutch pistons
- Clutch housings
- ECM
- Yokes
- Transfer gears
- Springs
- Planet carriers
- Impeller (model specific)
- Turbine (model specific)
- Stator (model specific)

Quote	Level 1	Level 2	Level 3
<b>RECONDITION, REPAIR, OR REPLACE</b>	<b>REBEARING RESEAL</b>	<b>REPAIR OR RECONDITION AS NEEDED</b>	<b>REMAN</b>
All bushings and anti-friction bearings	X	X	
All seals & gaskets	X	X	
Engine transmission torque converter	X	X	
Thrust washers	X	X	
Shift solenoids & harness	X	X	
Miscellaneous hardware	X	X	
<b>REPLACE, REPAIR, OR RECONDITION AS NEEDED FOR THE FOLLOWING:</b>			
Clutch discs		X	
Clutch plates		X	
Planet gears		X	
Sun gears		X	
Planet shafts		X	
Clutch pistons		X	
Clutch housings		X	
Planet carriers		X	
Springs		X	
Paint		X	
Yokes		X	
Bevel gear		X	
Valve bodies		X	
Transfer gears		X	
Transmission oil cooler		X	
ECM		X	
Shafts		X	
Impeller		X	
Turbine		X	
Stator		X	
Housings & carriers		X	
Electrical components		X	
Bench testing	X	X	
<b>Replace with Cat remanufactured</b>			<b>X</b>