

CAT® SELF-SERVICE OPTIONS

HYDRAULIC CYLINDER - RESEAL

Up to 85% of hydraulic cylinder failures can be traced to contamination. Efficiency losses usually occur slowly and can reach 20% before the operator detects a loss in performance. Proper maintenance of worn hydraulic cylinders can reduce system contamination and improve machine performance/up-time. This proper maintenance prior to a major failure will lead to longer hydraulic system components life and a lower owning and operating cost. Cat® hydraulic cylinders are ready for installation on a machine. Cat hydraulic cylinders are designed for the specific Cat machine function and application. This feature, when combined with exclusive Cat Hydraulic Cylinder Seals, will extend cylinder life and provide superior productivity performance in many applications.



Warning signs

Watch for these common repair indicators

- >> Excessive Drifting
- >> Leaking
- >> Increased Cycle Times
- >> Reduced Cylinder Speed
- >> Productivity decreased
- >> Contaminated Hydraulic Oil
- >> Damaged hydraulic Cylinder Seals



Elements of the Hydraulic Cylinder - Reseal Self-Service Option

Recommended Parts

- >> Hydraulic Cylinder Seal Kit

Recommended Tools

- >> Hydraulic Cylinder Repair Stand
- >> Seal Pick
- >> Retaining Ring Pliers Lifting Device
- >> Lifting Straps
- >> Hydraulic Line Contamination Control (Caps, Plugs, Pans, etc.)
- >> Hydraulic Press/Accessories
- >> Bearing Puller(s)
- >> Bearing Mount Compound
- >> Seal Guide
- >> Hydraulic Cylinder Hone

Additional Options

- >> Replace Pins
- >> New Cat Hydraulic Cylinder
- >> Cat Remanufactured Hydraulic Cylinder
- >> Kidney Loop/Flush/Change Hydraulic System Fluid
- >> New Hydraulic Cylinder Service Bench
- >> SOS

Service Instructions



LET'S DO THE WORK.™

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