

# CAT® SELF-SERVICE OPTIONS

HYDRAULIC CYLINDER – RESEAL

SHOP NOW



SCAN / [CLICK](#)

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 component 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
- >> Damaged Cylinder
- >> Productivity decreased
- >> Contaminated hydraulic oil
- >> Damaged hydraulic cylinder seals



## Elements of the Hydraulic Cylinder – Reseal Self-Service Option

### Recommended Parts

- >> Hydraulic Cylinder Seal Kit

### Service Instructions



### Recommended Tools

- >> Pins, 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
- >> S•O•S<sup>SM</sup> Services



### Genuine Cat parts

backed by our standard Cat warranty



### Service instructions

including safety & cleanliness guidelines



### Recommended tooling

with option to purchase



### Technical support

from dealer experts

**LET'S DO THE WORK.™**

[cat.com/selfservice](http://cat.com/selfservice)

PEJJ0411 © 2021 Caterpillar. All Rights Reserved.  
CAT, CATERPILLAR, LET'S DO THE WORK, their respective logos, "Caterpillar Corporate Yellow," the "Power Edge" and Cat "Modern Hex" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

