

# CAT® SELF-SERVICE OPTIONS

HYDRAULIC CYLINDER ROD – REPLACE WITH NEW

SHOP NOW



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Cat® Hydraulic Cylinder Rods are induction hardened and chromed for superior scratch and dent resistance. Additionally, Cat Hydraulic Cylinder Rods also feature a friction-welded eye joint (1) for maximum durability.



## Warning signs

Watch for these common repair indicators

- >> Excessive Drifting
- >> Leaking
- >> Increased Cycle Times
- >> Reduced Cylinder Speed
- >> Bent Rod, Scored/Scratched Rod
- >> Damaged Cylinder
- >> Productivity decreased
- >> Contaminated hydraulic oil
- >> Damaged hydraulic cylinder seals
- >> Hydraulic oil pressure above or below manufacturer recommended specifications



## Elements of the Hydraulic Cylinder Rod – Replace With New Self-Service Option

### Recommended Parts

- >> Hydraulic Cylinder Seal Kit
- >> Cat Hydraulic Cylinder Rod assembly
- >> Hydraulic Cylinder Cat seal kit
- >> New Cat Hydraulic Cylinder
- >> Cat Reman Hydraulic Cylinder
- >> Kidney Loop/Flush/Change Hydraulic System Fluid
- >> S•O•S<sup>SM</sup> Sampling Kit

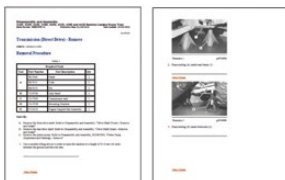
### Recommended Tools

- >> Hydraulic Cylinder Repair Stand(s)
- >> 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
- >> Seal Pick
- >> Bearing Puller Adapter

### Additional Options

- >> Pins
- >> New Cat Hydraulic Cylinder
- >> Cat Remanufactured Hydraulic Cylinder
- >> Kidney Loop/Flush/Change Hydraulic System Fluid
- >> New Hydraulic Cylinder Service Bench
- >> S•O•S Services

### Service Instructions



- 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)

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