



St. Lawrence-Troy, LLC

- ❖ Free Evaluation
- ❖ 13 Month In-Service Warranty

**Complete Services
for Remanufacturing
Hydraulic Servo Actuators**

Test Lab Linear Servo Actuator Remanufacturing

Remanufacturing Procedure for Hydrostatic & Fatigue Rated Linear Actuators

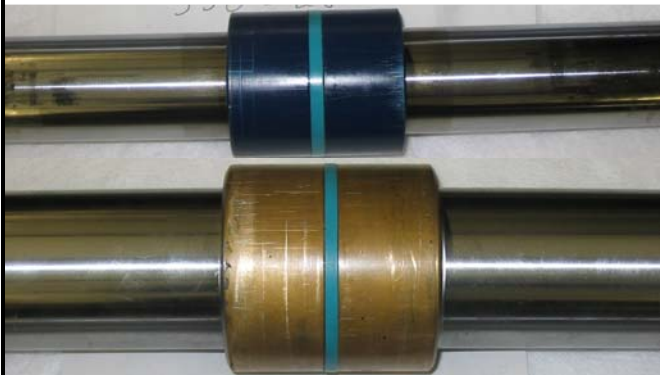


1. INSPECTION

- ◆ Inspect actuator for external damage
- ◆ Remove servovalve and swivels
- ◆ Disassemble



- ◆ Inspect components for internal wear damage



- ◆ Determine which seal kit is required; or manufacture seals if obsolete
- ◆ Inspect and test LVDT
- ◆ Take measurements of rod, piston, tube, and end caps

2. QUOTE REBUILD/REPLACEMENT W/TIME FACTORS

- ◆ Actuator rebuild
- ◆ Servovalve - Moog factory rebuild or replacement of obsolete servovalve with Moog test lab valve
- ◆ Swivel rebuild



3. REMANUFACTURE COMPONENTS (AS REQUIRED)

- ◆ Grind/chrome/grind rod
- ◆ Rebuild piston outer diameter; or replace piston
- ◆ Resurface tube inner diameter; or replace tube
- ◆ Remove material and prepare bearing surfaces
- ◆ Bond coating onto end caps and piston
- ◆ Machine coated surfaces for exact fit
- ◆ Reassemble actuator

4. TEST

- ◆ Pressurize actuator and check for internal and external leakage to meet or exceed specifications
- ◆ Cycle actuator with servo valve
- ◆ Verify proper LVDT output and position



5. FINISHING PROCESS

- ◆ Degrease, clean and paint actuator
- ◆ Ready to ship

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Contact St. Lawrence-Troy today! (800) 521-5772 ♦ dond@st-lawrence.com