

St. Lawrence
A Myles Group Company



St. Lawrence—Troy

Free Evaluation 13 Month In-Service Warranty

Design & Remanufacturing of Hydraulic Servo Actuators

Test Lab Linear Servo Actuator Remanufacturing

Remanufacturing Procedure for Fatigue Rated Rotary Actuators

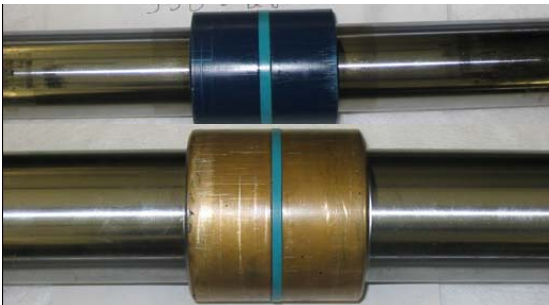
1. INSPECTION



- Inspect actuator for external damage
- Remove servovalve
- Disassemble



- Inspect components for wear and 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/TIIME 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. FINIISHING PROCESS

- Degrease, clean and paint actuator
- Ready to ship



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