

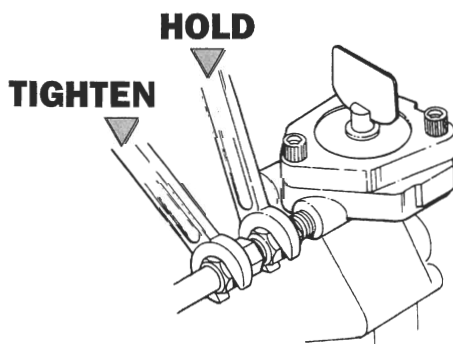
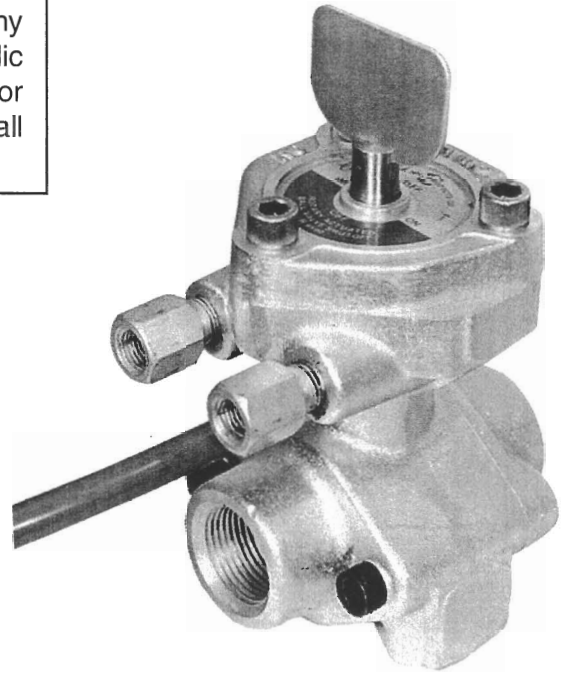
Hydraulic Rotary Actuator



Catalog No. R-9590 Hydraulic In-Line Rotary Actuator is designed to be mounted quickly and easily in front on any NH₃ metering device. Using standard 1/4" ports of hydraulic hook-up makes this shutoff easily integrated with any tractor hydraulic system. The R-9590 uses a rotor actuated ball valve insuring a long and maintenance free life.

FEATURES:

- Available in 1" FPT or 1-1/4" FPT
- ON/OFF indicator flag
- Stainless steel rotor and shaft for maximum corrosion resistance
- Steel resistors stop hydraulic fluid from slamming against the rotor body
- Contamination dump prevents ammonia from entering hydraulic system
- Vented ball allows any trapped ammonia to escape



CAUTION:

- 1) ADAPTORS ARE PRESET AT FACTORY.
- 2) OVERTIGHTENING MAY CAUSE CASTING TO CRACK.
- 3) ALWAYS USE BACKUP WRENCH ON ADAPTORS WHEN CONNECTING HYDRAULIC LINES.



WARNING:

IN THE EVENT OF A TRACTOR POWER FAILURE WHERE IT BECOMES NECESSARY TO SHUTOFF THE HYDRAULIC ACTUATOR, DISCONNECT BOTH HYDRAULIC LINES AT THE ACTUATOR BODY AND MANUALLY TURN FLAG OF ACTUATOR TO THE "OFF" POSITION.

TO AVOID CROSS THREADING OR GALLING USE LEAD BASE ANTI-SEIZE THREAD SEALANT (AVAILABLE THROUGH CONTINENTAL).

NOTICE:

- The R-9590 does not use a "positive seal". It will allow pressure to bleed back to the return line.
- Continental recommends that these hydraulic actuators have a separate and isolated spool valve control.
- If these actuators must be connected to the same spool valve as the tool bar cylinder(s), then a pilot operated back check connected to the tool bar cylinder(s) may prevent "bleed back".
- These actuators require 1/4" hydraulic hoses and fittings.