

Installation Instruction

PERMCO 997-00971A

Prepare work area by removing all foreign particles from surfaces. Hands, rags, tools, and work area should be free of dirt and grease from previous jobs.

PREPARE VALVE FOR INSTALLATION

1. Remove snap ring and washer from end of valve spool.
2. Remove poppet and spring from cap on hydraulic valve.
3. Remove four (4) capscrews and housing cap from hydraulic valve.

INSTALLATION OF CYLINDER

1. Remove seal ring from cylinder.
2. Remove piston assembly from cylinder body. NOTE: The snap ring does NOT need to be removed.
3. Remove setscrew from piston assembly using a ¼" hex wrench.
4. Grease and slide seal ring over hydraulic valve spool placing flat face of ring closest to valve body.
5. Slide piston assembly over valve spool with spring assembly closest to valve body. Attach with setscrew thru the hole in valve spool.
6. Grease o-rings.
7. Slide cylinder body over assembly, secure to valve using capscrews provided. Torque capscrews 10 to 15 ft-lbs.