

NOTE: For use with PVG32 Valves configured with T0 components and using a dedicated T0 drain line connected directly to the reservoir.

Stage 1: Prepare Valve for Installation

Tools Needed: 5mm hex-head driver, 3/16" hex-head driver

1. Inspect Valve Spool and Valve Face to insure they are free of any foreign substance (dust, dirt, etc.).
2. Remove old/pre-existing Adaptor Plate. Discard old/pre-existing Adaptor Plate and Cap Screws.

Stage 2: Install New Adaptor Plate

Tools Needed: 5mm hex-head driver, 3/16" hex-head driver

1. Locate new Adaptor Plate and baggie containing Cap Screws and two (2) O-Rings. Lightly grease and install small O-Ring as shown in Figure 1.



Figure 1

2. Lightly grease and install large O-Ring as shown in Figure 2.



Figure 2

3. Adaptor Plate should appear as shown in Figure 3 prior to installation.

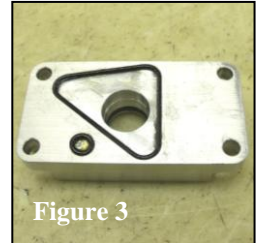


Figure 3

Stage 2: Install New Cylinder

Tools Needed: 5mm hex-head driver, 3/16" hex-head driver

Note: Cylinder does not have to be disassembled to install.

1. Place new Adaptor Plate against Valve as shown in Figure 4. **Note: Orientation is important.**

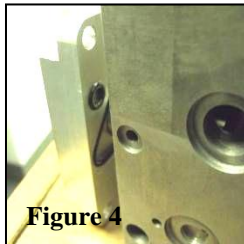


Figure 4

2. Secure Adaptor Plate to Valve using four 5mm Cap Screws as shown in Figure 5. Do not torque at this time.

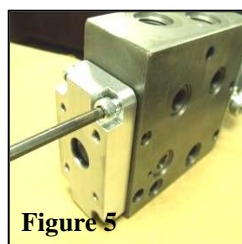


Figure 5

3. Apply one (1) drop of Blue Loctite (removable) to exposed threads of Cylinder Coupler as shown

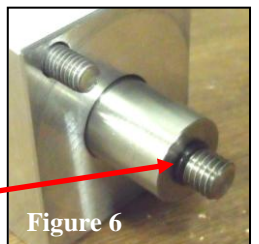


Figure 6

- in Figure 6. **Note: Insure that O-Ring is in groove by shoulder.**

Adaptor Plate will not install unless oriented as shown in Figure 4. Note: Insure that O-Rings remain seated and in place.

4. Install Cylinder Assembly by placing Coupler in port of Adaptor Plate and tighten to Valve Spool using 3/16" hex-

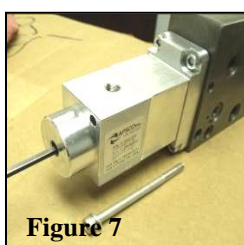


Figure 7

5. Install Cap Screws for Cylinder Housing as shown in Figure 8. Hand tighten only at this time.

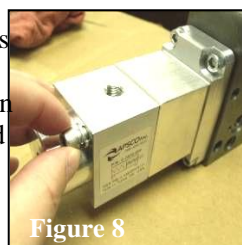


Figure 8

7. Using 5mm hex-head driver tighten Adaptor Plate Cap Screws as shown in Figure 9. **Note: Tighten in a**

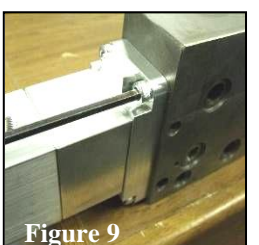


Figure 9

- diagonal pattern.** Torque to 48 in-lbs.

Cylinder Assembly as shown in Figure 7 insuring Cylinder Body and Spacer remain aligned. Torque to 10 ft-lbs.

6. Using 3/16" hex-head driver, rotate spool to align assembly as shown in Figure 11.

8. Using 5mm hex-head driver tighten Cylinder Housing Cap Screws as shown in Figure 10. Torque to 48 in-lbs.

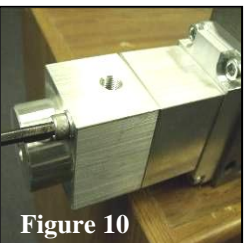


Figure 10

9. After assembly has been completed, test for proper alignment by turning Valve Spool. Valve Spool should rotate freely.

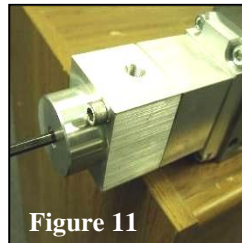


Figure 11

10. Once assembly has been completed as shown in Figure 12, install fittings and airlines and test for proper operation.

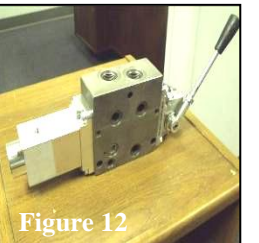


Figure 12