

**606008-33 BLEED DOWN VALVE CARTRIDGE
REMOVAL AND INSTALLATION****TSB-1005: BLEED DOWN VALVE CARTRIDGE REPLACEMENT****PROCEDURE:**

1. Press the E-Stop button to shut off the pump. Turn the main disconnect off. Follow your companies Lock-Out Tag-Out procedure.
2. Locate the bleed down valve cartridge and coil. It is located on the hydraulic manifold near the main hydraulic pump.
3. Unscrew the Phillips head screw holding the electrical plug to the coil. Remove the plug.
4. Remove the hex nut located on top of the valve cartridge. Slide the Coil 606008-34 off of the valve cartridge shaft. Note the orientation of the coil.
5. Remove the valve cartridge from the hydraulic manifold. Hydraulic oil will leak out.
6. Inspect the O-Rings on the new valve cartridge for any nicks or cracks. Replace as necessary.
7. Apply a light coat of new hydraulic oil to the O-Rings.
8. Thread the valve cartridge into the hydraulic manifold. Torque to 20 ft-lbs [27.1 Nm] max.

Caution: Do not exceed this torque value as this will cause the valve to bind.

9. Slide the Coil back onto the valve cartridge shaft with the step washer facing down..
10. Thread the hex nut onto the valve cartridge. Torque to 5 ft-lbs [6.8 Nm] max.
11. Re-Install the electrical plug into the coil. Tighten the Phillips head screw.
12. Turn the main disconnect on.
13. The pump can now be used for normal operation.

