



## **REPLACEMENT OF A HYDRAULIC VALVE**

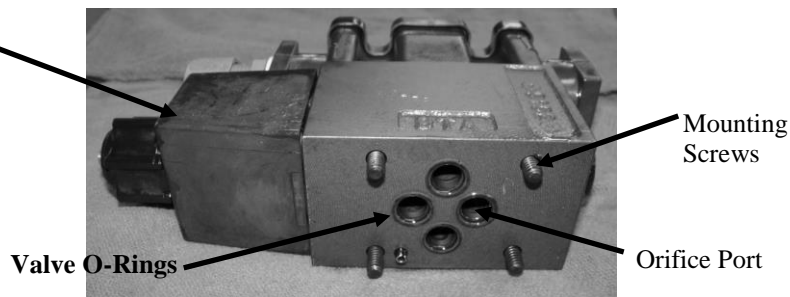
1. NEVER STAND IN FRONT OF A TRAP MACHINE. THE TRAP MACHINE MUST BE TURNED OFF AND THE SPRING RELEASED BEFORE ENTERING THE TRAP HOUSE. NEVER ATTEMPT TO MAKE ANY ADJUSTMENT WHILE THE THROW ARM IS COCKED.
2. Disconnect the PAT-TRAP® from its power source.
3. Disconnect the Return Line Hose from the pump unit.
4. Remove the cover plate on the valve's terminal box as shown in Diagram's 71 & 72.
5. Disconnect the electrical wires that are located within the valve's terminal box and remove from the strain relief fitting located on the side of the valve.
6. Place a paper towel or rag below the valve to be removed.
7. Remove the old hydraulic valve from the hydraulic sub-plate manifold by removing the four bolts that hold it in place. A 5/32" T-Handled Hex Wrench works best as shown in Diagram 73. Make sure that the holes are cleaned out before using the wrench.

Diagram 73



**Loosening/Tightening Valve Mounting Screws**

Diagram 74



**Rear View of Single Solenoid Valve**

8. Replace the old valve with the proper replacement valve, and secure to the hydraulic sub-plate manifold with the four bolts that hold it in place. A 5/32" T-Handled Hex Wrench works best as shown in Diagram 73.



## **PAT-TRAP, Inc.**

**\*Choice of the ATA\***

632 Western Avenue • Henniker, New Hampshire 03242 • Tel. (603) 428-3396 • Fax (603) 428-7340

9. Note: Use caution that the four O-Rings located around the valve's orifice ports are securely in place or else a leak will occur. See Diagram 74.
10. Re-attach the wires that are located within the valve's terminal box after feeding them through the strain relief fitting located on the side of the valve. Refer to Diagram 71 or 72 for the proper valve wiring guide.
11. Reconnect the Return Line Hose from the pump unit.
12. Re-attach the cover plate on the Valve's Terminal Box as shown in Diagram's 71 or 72.
13. Connect the PAT-TRAP<sup>®</sup> back to its power source and resume operation.