

## Replacing 5000 Power Head with ProFloSE Power Head

### **Power head removal**

1. Turn off water to control valve.
  - a. If water softener has a three-valve bypass, first open the valve in the by pass line, and then close the valves at the inlet and outlet.
  - b. If water softener has a bypass valve, put it in bypass position.
  - c. If there is only a shut off valve, close it.
2. Relieve water pressure in the conditioner by stepping control into the backwash position momentarily. Return the control to the service position.
3. Unplug electrical cord from outlet.
4. Remove control valve back cover. Remove control valve front cover.
5. If equipped, pull cable out of meter cover.
6. Remove screw and washer at drive yoke. Remove power head mounting screws. The entire power head assembly will now slide forward and off valve.

### **Meter removal**

7. Remove two screws and clips at by-pass valve or yoke. Pull resin tank away from plumbing connections.
8. Pull control valve and resin tank away from plumbing.
9. Remove two screws and clips at control valve. Pull meter module out of control valve and discard meter.
10. Remove flow straightener from valve outlet and discard.

### **Install new power head**

11. Put new power head on top of valve. Be sure drive pin on main gear engages slot in piston drive link.
12. Replace the two power head mounting screws. Replace screw and washer at piston drive link.
13. Replace control valve back cover.

### **Install turbine meter**

14. Apply silicone lubricant to four new O-rings and assemble to the four ports on the new meter module.
15. Install signal wire into new meter module.
16. Assemble meter to control valve. Note: meter portion of module must be assembled at valve outlet.
17. Push resin tank back to the plumbing connections and engage meter ports with by-pass valve or yoke. **Be sure that plumbing connection is correctly aligned with ports of the meter.**
18. Attach two clips and screws at by-pass valve or yoke. Be sure clip legs are firmly engaged with lugs.
19. Return by-pass or inlet valving to normal service position. Water pressure should now be applied to the softener, and any by-pass line shut off.
20. Check for leaks at all seal areas.
21. Plug electrical cord into outlet.
22. Set time of day and cycle the control valve manually to assure proper function. Make sure control valve is returned to the service position (the time will appear when the valve is in the service position).
23. Check brine tank salt level.