

REPLACEMENT SALT STORAGE TANK INSTRUCTIONS

Note: Before attempting to replace the salt storage tank, close the shut off valve on the house main water line, near the water meter or pressure tank. Open a nearby cold water faucet to vent pressure from the unit. Unplug the transformer from electrical power.

1. Push the bypass valve stem in for bypass. **Figure 1.**
2. Remove the salt hole cover and set aside. **Figure 2.**
3. Slide the top cover forward to expose valve.
4. Disconnect wiring harness from position switch. **Figure 3.**
5. Unplug the motor terminals from the back of the electronic control board. **Figure 3.**
6. Set top cover aside.
7. Carefully remove the large retainer clips on the softener inlet and outlet. Separate the water softener from the bypass valve. **Figure 4.**
8. Remove the salt tank over flow drain hose adapter from the salt storage tank. Remove the grommet from the salt storage tank overflow hole and install grommet and drain hose adapter onto the new salt storage tank. **Figure 2.**
9. Loosen nut ferrule on the end of the nozzle and remove brine line. **Figure 5.**
10. Remove brine well cover, grasp the brine line and lift up, removing the float valve from the brine well. Set aside. **Figure 2.**
11. Remove brine well by loosening the plastic wing nut and screw. Install brine well in new salt storage tank. **Figure 2.**
12. Using a needle nose pliers, lift up on drain clip and remove valve drain hose adapter from valve. Set aside. **Figure 6.**
13. Remove retainer clips and clamps from around the tank neck. Set aside. **Figure 7.**
14. Remove valve from resin tank and set aside. **Figure 7.**
15. Remove vapor barrier and locking plate to remove tank. Carefully lift resin tank out of salt storage tank and place in new salt storage tank.
16. Once tank is in position, replace vapor barrier and locking plate and lock into salt storage tank.
17. With all o-rings (lubricated with silicone grease) and the top distributor in place in the top of the tank, check the riser pipe length. It should be about even with the top edge of the top distributor. **Figure 7**
18. Be sure all parts are clean and free of resin beads and other debris, including the bottom of the valve assembly. Lightly lubricate with silicone grease the o-ring sealing surface in the inside of the valve port, at the bottom of the valve. **Figure 7.**
19. Locate the distributor o-ring at the very top of the riser pipe as shown in **Figure 7.** DO NOT SLIDE IT DOWN TO REST AGAINST THE TOP DISTRIBUTOR.
20. Carefully lower the valve assembly onto the tank, aligning it with the riser pipe, and work over the o-ring and onto the adaptor. Then clamp in place. **Figure 7.**
21. Insert brine valve back into brine well in new salt storage tank. Reconnect brine line to end of nozzle. Do Not Over Tighten! **Figure 7.**
22. Move softener back into place and reconnect bypass valve to the softener inlet and outlet. Carefully insert large retainer clips. **Figure 4.**
23. Carefully plug in motor terminals to the back of the electronic control board. Plug wire harness back onto the position switch. Slide top cover back into position. **Figure 3.**
24. Pull the bypass valve stem out for soft water. Slowly turn the house main water line back on, pausing several times allowing water line and the softener to slowly fill with water. Turn off nearby faucet when all air is expelled. **Figure 1.**
25. Check plumbing connections for leaks.
26. Plug transformer into electrical outlet.
27. To verify proper function of the softener, complete the manual advance diagnostics as outlined in the **Installation/Operation manual.**

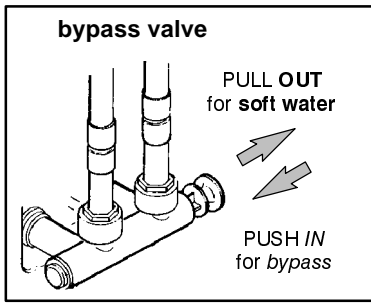


Figure 1

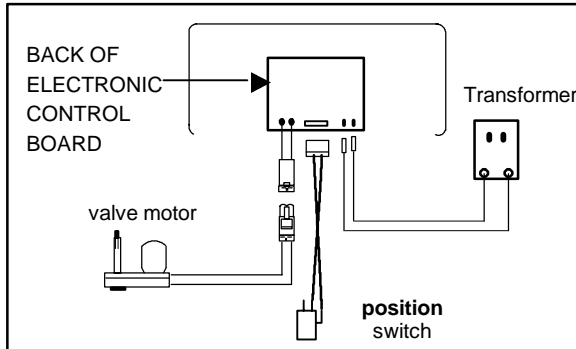


Figure 3

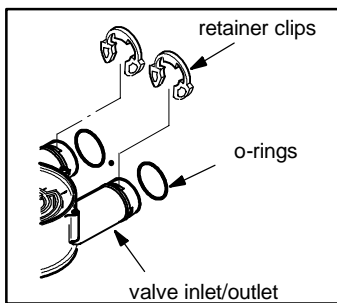


Figure 4

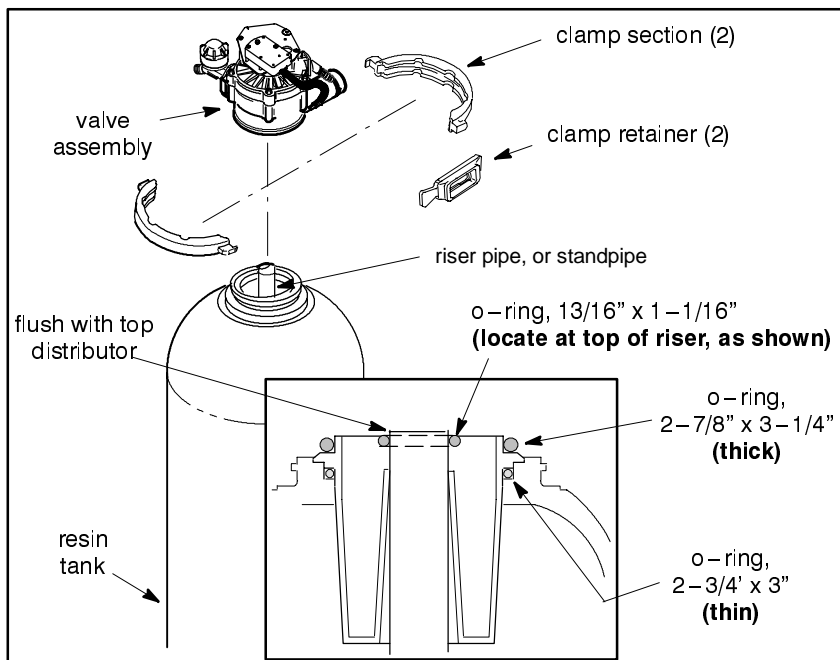


Figure 7

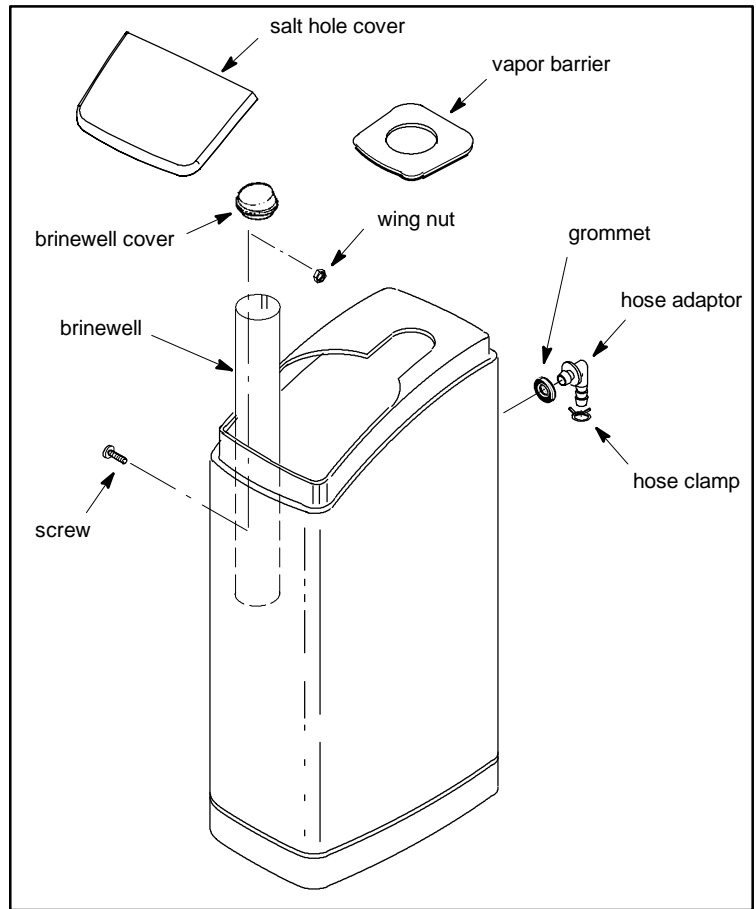


Figure 2

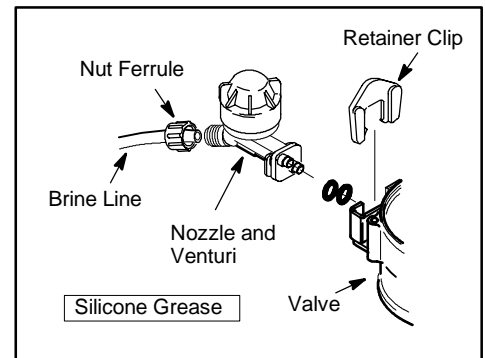


Figure 5

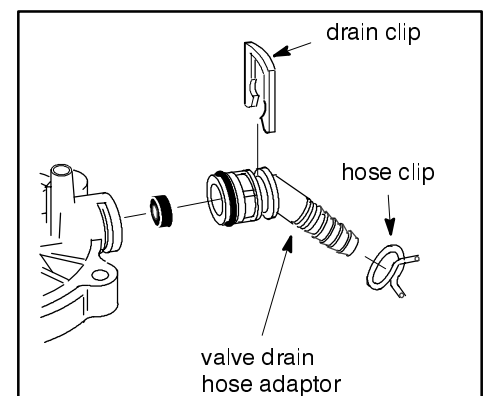


Figure 6