

INSTALLATION ADAPTOR KIT INSTRUCTIONS

Note: Figure 1A & 1B show the installation with the old (threaded) and new style bypass valves.

1. **Before** attempting to replace the installation adaptors, **unplug the transformer** from electrical power and **turn off water** to the softener.
2. Disconnect plumbing by unscrewing nuts from the bypass valve (See Figure 1A & 1B).
3. Remove copper tubes and nuts from plumbing lines (See Figure 1A & 1B).
4. Measure, cut, and loosely assemble pipe and fittings from the main water pipe to the inlet and outlet ports of the valve.
5. Thoroughly clean and flux all joints.
6. Make all solder connections. Be sure to keep fittings fully together, and pipes square and straight. **DO NOT solder with installation tubes attached to bypass valve or 1" NPT adaptors.** Soldering heat will damage the plastic parts.
7. Remove clips holding bypass valve and remove from back of softener valve (See Figure 1A & 1B).
8. Replace o-rings on bypass valve with new. Use silicone grease to lubricate if necessary.
9. Place bypass valve back into softener valve and secure with clips (Figure 1A & 1B).
10. Connect plumbing lines to bypass valve (See Figure 1A & 1B).
11. Plug in transformer. Pull the bypass valve stem out for soft-water position (See Figure 2).
12. Turn water back on to the softener. Check for leaks in new plumbing connections.
13. To verify proper function of the softener, complete the manual advance diagnostics as outlined in the Installation/Operation manual.

