

ELECTRONIC CONTROL BOARD (PWA) REPLACEMENT

IMPORTANT: BE SURE THE VALVE CAM INDICATES “SERVICE” POSITION (See Figure 1) WHEN REPLACING THE ELECTRONIC CONTROL BOARD (PWA), TO ASSURE BOTH VALVE AND PWA ARE ORIENTED, OR TIMED, TO THE SAME CYCLE. If the valve is not in Service position, see step 13 below.

NOTE: When installing the electronic control board (PWA) on the faceplate, use care not to twist the circuit board, or force it onto the mounting pegs. Twisting could damage the printed circuits, or break the display glass.

1. Unplug the water softener’s power supply.
2. Remove the faceplate cover to expose the valve.
3. Unplug the wiring connections from the back of the old Electronic Control Board (See Figure 2).
4. Carefully remove the old board by unsnapping it from its retainer tabs.
5. Carefully snap the new Electronic Control Board into the retainer tabs.
6. Reconnect the wiring to the new board (See Figure 2).
7. Plug the power supply into the electrical outlet. A number shows in the display for a few seconds, followed by flashing “- - - -”.

NOTE: If “- - - -” is not flashing in the display, press and hold the SELECT button until a model code appears.

8. Use the ▲ UP or ▼ DOWN buttons to set the correct model code for your softener (see table below).

Model Number	Model Code to select
M34 or EP34	o34*
EP40 or EP200	o40*
MSD34C	Sr28
EPHY	EPHy*
MHY	oHy

9. With the correct model code displayed, press the SELECT button. The electronic controller will restart, briefly displaying the model code you set.
10. Press the ▲ UP or ▼ DOWN buttons to set the present time. Up moves the display ahead; down sets the time back. Be sure AM or PM is correct.
11. Press the SELECT button a few times, until the time appears on the display, but is not flashing.
12. For information about programming additional features of the softener, consult your owner’s manual.
13. If the valve is not in Service position, press the RECHARGE button and hold for 3 seconds to start a recharge cycle. The display will flash “RECHARGE NOW.” In about 2 hours the recharge cycle will be complete and the valve and electronic control board will be properly oriented together.

NOTE: To save time, use the manual advance procedures to properly time and check operation. See service information in the manual.

* **Model codes o34, o40 and EPHy:** This replacement controller has a new feature that may not have been on your system before. Every 4 months, “CLEAn” is displayed as a reminder to use water softener cleanser on your system. Press any button to clear this display.

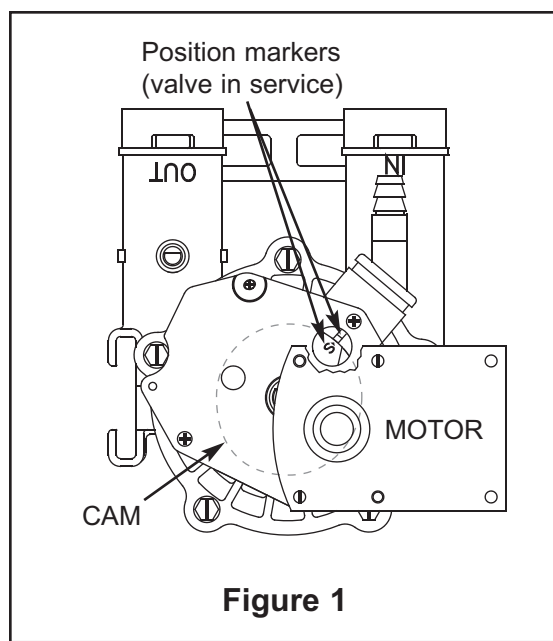


Figure 1

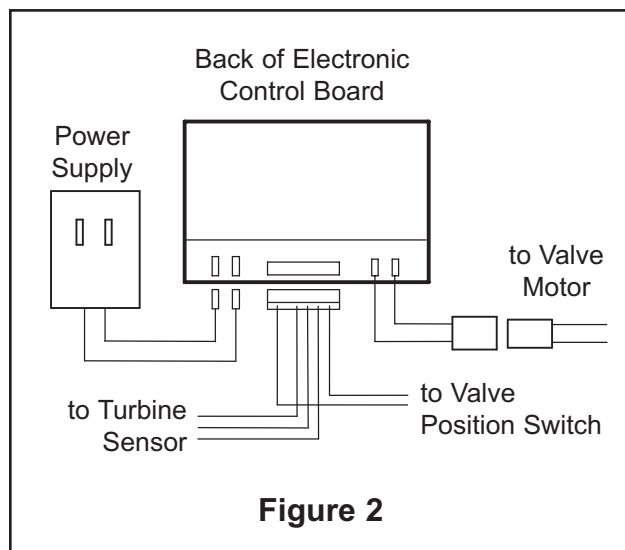


Figure 2

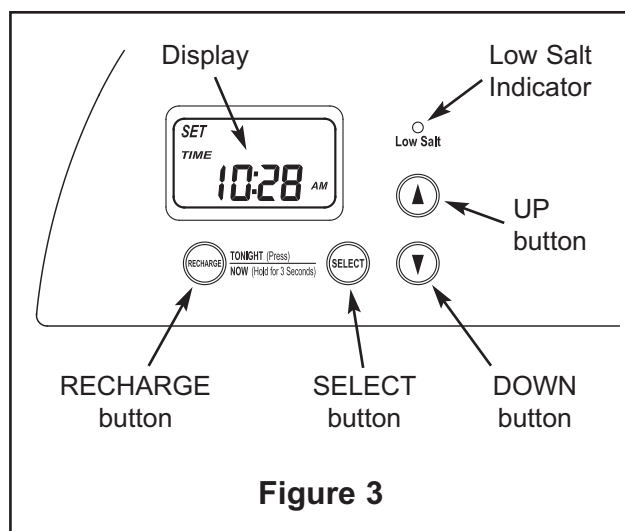


Figure 3