



Software Program Change—Pool Sweep Boost Pump Operation

It has come to our attention that if the system is operating in the high speed mode in Automatic when the Spa button is activated the sweep boost pump is not turned off.

A software update was prepared and installed in systems produced after February 2004. The microprocessor IC located at U2 on the circuit board will be identified with “Pump 1.4” or later if this change has been installed.

This update is only necessary if the customer has the sweep boost pump connected to the unit and the customer has a spa.

Procedure for updating the unit.

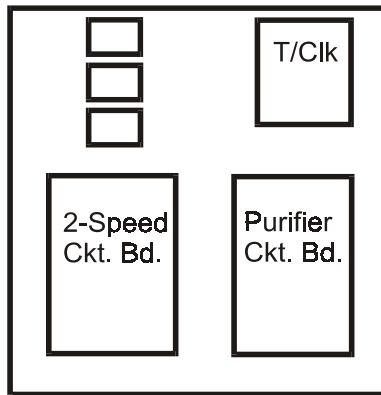
Refer to diagram on page 2.

- [] If the unit is installed, turn off all power to the pool equipment.
- [] Open the outer door and remove the two phillips head screws holding the front panel closed. Open the front panel.
- [] **Touch the bonding or ground connection in the enclosure.** (This will remove any static charge.)
- [] Locate the motor control board. Very carefully slide a very small flat head screw driver between the CPU socket and the CPU IC (U2). The screw driver should enter from the bottom. Use the screw driver to slowly pry out the CPU IC from the socket. Do not bend any legs of the IC. Save the old IC.
- [] Locate the replacement “Pump 1.4” IC and with the notch at the top, insert the IC in the socket. Make sure the legs and the socket holes are aligned. Do not bend any of the legs. It may be easier if one side of the IC is inserted and then the other.
- [] Close the front panel and install the two phillips head screws.
- [] Turn on all power to the pool equipment.
- [] Verify proper operation of the unit.
- [] Close the outer door.



Motor Control Circuit Board and Front Panel

Back of Front Panel



2-Speed Ckt. Bd.

