

INSTALLATION INSTRUCTIONS

SLJ1000-1 VOLTAGE REGULATOR BOARD (VRB)

SAFETY INSTRUCTIONS

 **WARNING:**

Before starting installation, read and understand all safety label and warnings on the machine. Also review and understand all safety instructions in the owners, installation and service manuals.

Failure to comply could result in serious injury, death or damage to the equipment.

QUALIFIED SERVICE PERSONNEL

 **WARNING:**

Only trained and certified electrical, plumbing and refrigeration technicians should service this unit.

All wiring and plumbing must conform to national and local codes. Failure to comply could result in serious injury, death or equipment damage.

SAFETY PRECAUTIONS

This unit has been specifically designed to provide protection against personal injury. To ensure continued protection observe the following:

 **WARNING:**

Disconnect power to the unit before servicing. Follow all lock out/tag out procedures established by the user. Verify all power is off to the unit before performing any work.

Failure to comply could result in serious injury, death or damage to the equipment.

 **CAUTION:**

Always be sure to keep area around the unit clean and free of clutter.

Failure to keep this area clean may result in injury or equipment damage.

The VRB is located in the front electrical box directly behind the lower splash panel. Remove the drip tray and splash panel to gain access to the electrical box.

1. Disconnect the 5 wire harnesses from the VRB and remove the VRB assembly by loosening two Phillips screws. (See Figure 1.)
2. Remove the screw, lock washer, flat washer, rectangular insulator pad, round insulator, and nut that secure the regulator heat sink to the VRB mounting bracket. Separate the VRB from the bracket by gently squeezing the tips of the white plastic standoffs.

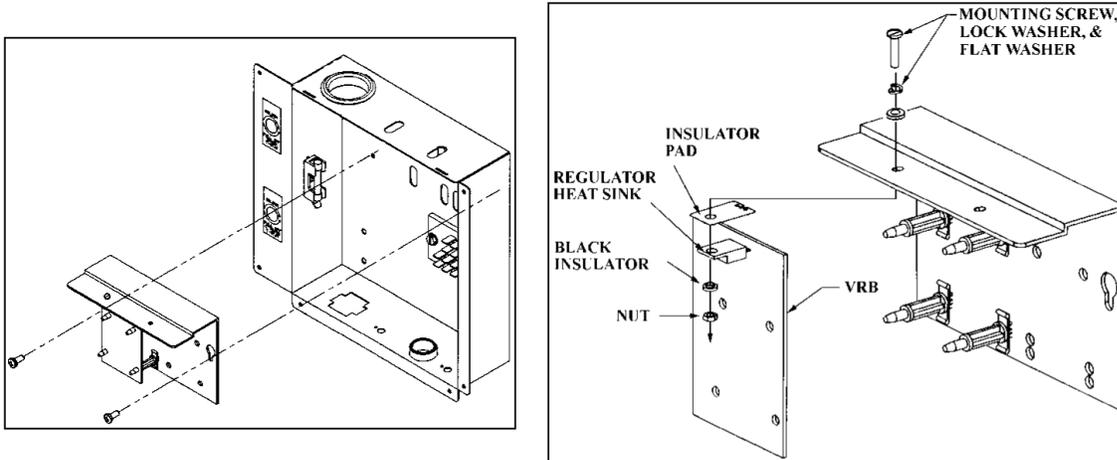
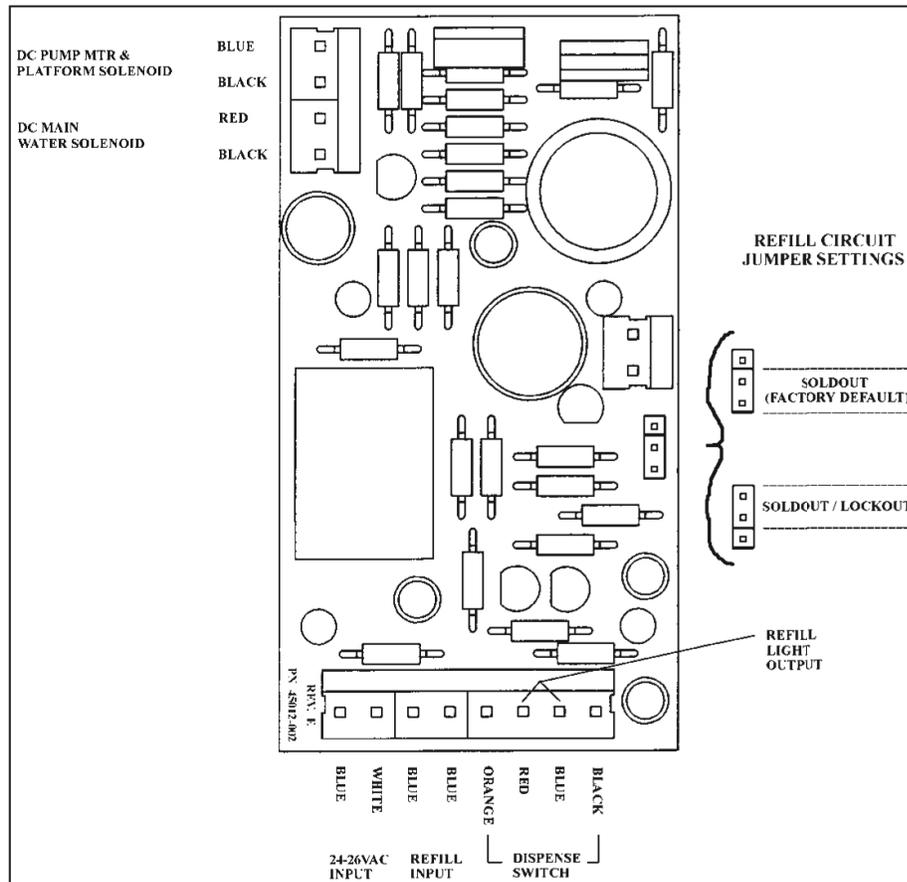


Figure 1.

3. Reinstall the replacement VRB by reversing the above procedures.
4. Attach the five wire harnesses to the VRB as shown in Figure 2.



IMPORTANT: The regulator mounting hardware must be installed as shown in order to allow heat dissipation from the regulator and to prevent the regulator from grounding. Failure to install the hardware properly may cause damage to the VRB.

Part Number Reference

45012102	VRB
45138	VRB Assembly (includes VRB, bracket, stand off's and regulator mounting. hardware)
45004	Mounting Kit (regulator mounting. hardware)