

# INSTALLATION INSTRUCTIONS

## Continuous Duty Solenoids P/N 629088599

### 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.**

## INSTALLATION INSTRUCTIONS

### Tool List:

1. 1/4" and 11/32" nut drivers.
2. Adjustable wrench.
3. Brix tools (for adjusting Brix after assembly).
  - Refractometer
  - Cup/bucket

### Installation Procedure:

1. Shut off water and syrup lines to the unit.
2. Remove front splash panel and slide product tray forward to access the water and syrup valves.
3. Remove the solenoid cover, unscrew the retainer bracket, and unscrew the mounting bracket nuts from the product tray.



Figure 1.

4. The valves assemblies can now be removed from the mounting bracket and the inlets can be disconnected.

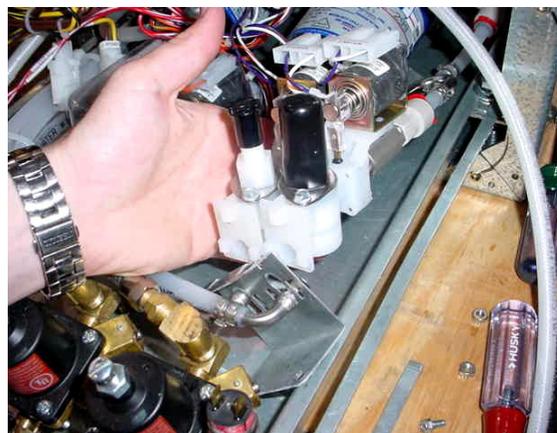
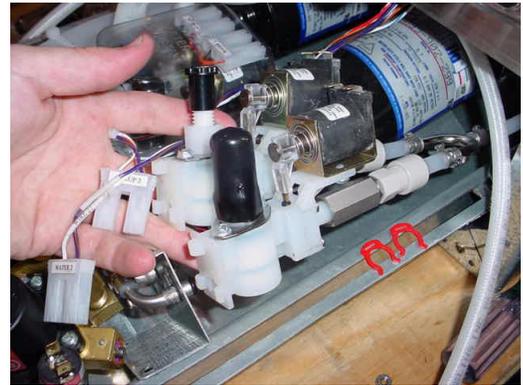


Figure 2.

5. Remove the locking clips off the back of the push fittings and the electrical connections from the top of the solenoids.



**Figure 3.**

6. Using an adjustable wrench, unscrew the check valves off the valve assemblies and screw them onto the new valve assemblies.

**Step 1.**



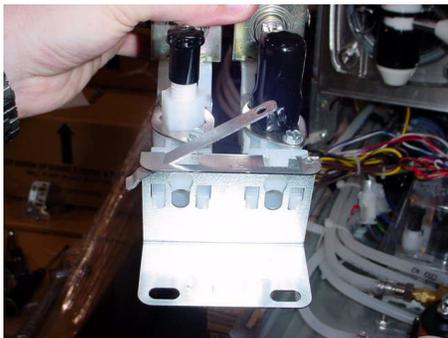
**Step 2.**



**Figure 4.**

7. Insert the new valve assemblies into the mounting bracket as shown, water on the right, syrup on the left. Make sure that the solenoid connections are both facing out. Check that the inlet fitting o-rings are in good shape and properly lubricated before pushing them together.

**Step 1.**



**Step 2.**



**Figure 5.**

8. Screw the retaining bracket screw in.
9. Connect the push fittings onto the back of the valve assemblies and re-install the locking clip.



**Figure 6.**

10. Bolt the new mounting bracket assembly down to the product tray and connect the 2 electrical connectors onto the sides of the solenoids, make sure that you have water on the right and syrup on the left.
11. Once this assembly has been installed the Brix will need to be re-adjusted. Please follow standard Brixing procedures.
12. After the Brix has been adjusted properly, loosen the retaining screw and install the new solenoid cover.
13. Repeat for each barrel as required.
14. Slide in the product tray and replace the splash panel, the installation is complete.



**Figure 7.**