

# INSTALLATION INSTRUCTIONS

## FOR INSTALLING THE

### PLAIN WATER PRESSURE BOOST WIRE HARNESS KIT

#### 1. INSTALLATION INSTRUCTIONS

##### **WARNING**

**DISCONNECT ALL ELECTRICAL POWER BEFORE BEGINNING THIS INSTALLATION PROCEDURE.**

- 1.1 Disconnect all electrical power by unplugging the dispenser. Disconnect water and syrup supply, and purge the system.
- 1.2 Remove the cover to the electrical box.
- 1.3 Plug the connector on the small circuit board into the pin connectors located at "J5" on the Electronic Control Board.
- 1.4 **Delta dispensers built before April 1993; white wire connected to key lock (see Figure 1).**
  - A. Connect the white wire of the water pressure boost wire harness to the key switch. This connection must be made to the same terminal used for connection of the white wire from the valve wire harness. A special terminal is provided so both wires can be connected at this point. An extension wire is provided in the kit for this connection. *Cover the connection at the key switch to prevent electrical shorts which would blow the fuse on the 24 volt transformer.* Run the red wire forward to a location near the key lock switch.  
**Delta dispensers built after April 1993; black wire connected to key lock (see Figure 2).**
    - B. Connect the white wire to the terminal on the "Load" side of the 24 volt transformer *with the existing white wire*. A special terminal is provided so both wires can be connected at this point. Run the red wire forward to a location near the key lock switch.
- 1.5 Remove valve and mounting block (second valve from left side of dispenser).
- 1.6 Feed the separate red wire through the opening in the faucet plate with the existing valve wire harness. Ensure that the single pin connector is located behind the faucet plate and the insulated 1/4" fast on connector is in the front. Insert the pin connector into female housing provided in kit.

##### **CAUTION**

MAKE SURE THAT NONE OF THE WIRES ARE PINCHED BEHIND THE MOUNTING BLOCK WHEN REINSTALLING. THIS MAY RESULT IN AN ELECTRICAL SHORT WHICH WILL BLOW THE FUSE IN THE TRANSFORMER

- 1.7 Reinstall mounting block and valve.
- 1.8 Connect the 1/4" fast-on to the terminal on the valve coil with the *existing black* wire. A special terminal is provided so both wires can be connected at this point.
- 1.9 Connect the red wires to complete the circuit between the valve and the electronic control board.

##### **WARNING**

**THIS UNIT MUST BE PROPERLY ELECTRICALLY GROUNDED TO AVOID POSSIBLE FATAL ELECTRICAL SHOCK OR SERIOUS INJURY TO THE OPERATOR. THE POWER CORD IS PROVIDED WITH A THREE PRONG GROUNDED PLUG. IF A THREE-HOLE GROUNDED ELECTRICAL OUTLET IS NOT AVAILABLE, USE AN APPROVED METHOD TO GROUND THE UNIT.**

- 1.10 Reinstall cover to electrical box. Reconnect water and syrup supply. Reconnect all electrical supply by plugging IN the dispenser.
- 1.11 Assure soda flow rate is set at 2.5 oz/sec (fast flow) and apply caution seal to cover soda flow control adjustment port.

##### **NOTE**

The carbonator pump should now run every time the plain water valve is activated.

***This instruction sheet was reissued by Lancer in July 1997***

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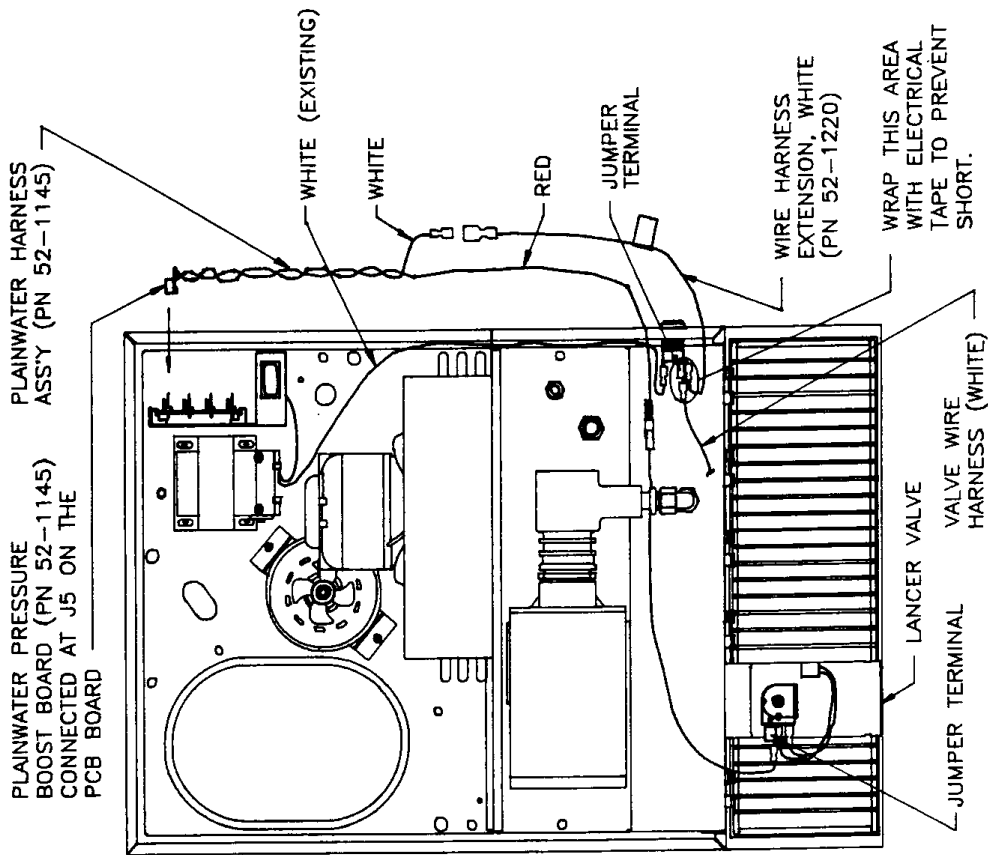
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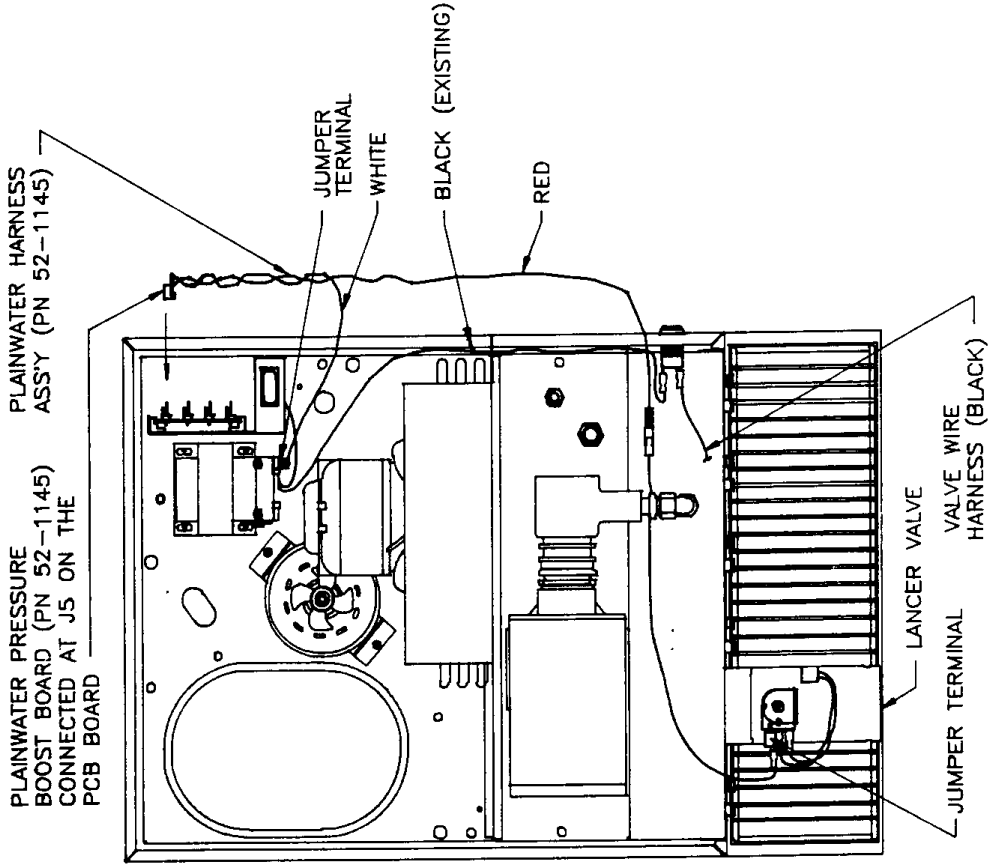
**FIGURE 1 (WHITE WIRE CONNECTED TO KEY LOCK).**

**DELTA DISPENSERS BUILT BEFORE APRIL 1993**



**FIGURE 2 (BLACK WIRE CONNECTED TO KEY LOCK).**

**DELTA DISPENSERS BUILT AFTER APRIL 1993**



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