

# INSTALLATION INSTRUCTIONS

## Manual Override Solenoid Replacement Kit P/N 629088755

### 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 personnel 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

1. Turn off CO<sub>2</sub> supply to the unit.
2. Remove stainless steel upper front panel.

### CAUTION:

There are harness connections behind the upper front panel. Be sure to disconnect these harnesses before completely removing the upper front panel.

3. Remove the electrical box cover.
4. Rotate electrical box down by removing the screw located at the hopper lip and pulling the electrical box downward.
5. Remove and discard the (2) hex head screws that hold the manual override solenoid mounting bracket to the electrical box.
6. Depressurize air delivery system by depressing valve stem on the bottom of air regulator/filter bowl, see Figure 2.
7. Remove and discard the two mounting screws securing the manual override solenoid.
8. Remove the air cylinder solenoid mounting screw(s) and filter/regulator nut, see Figure 1.

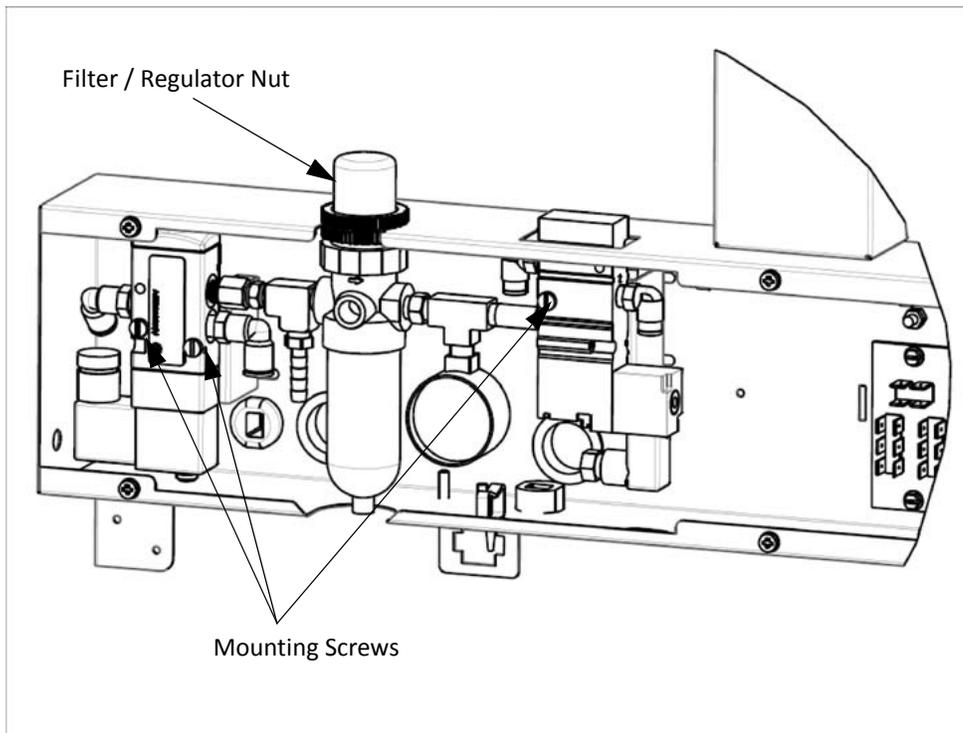


Figure 1.

9. Carefully remove complete air system assembly from electrical box.

**IMPORTANT:** Be Careful as not to damage any wires, harnesses or supply tubing when removing the assembly.

10. Remove the OLD manual override solenoid and its fittings, see Figure 2.

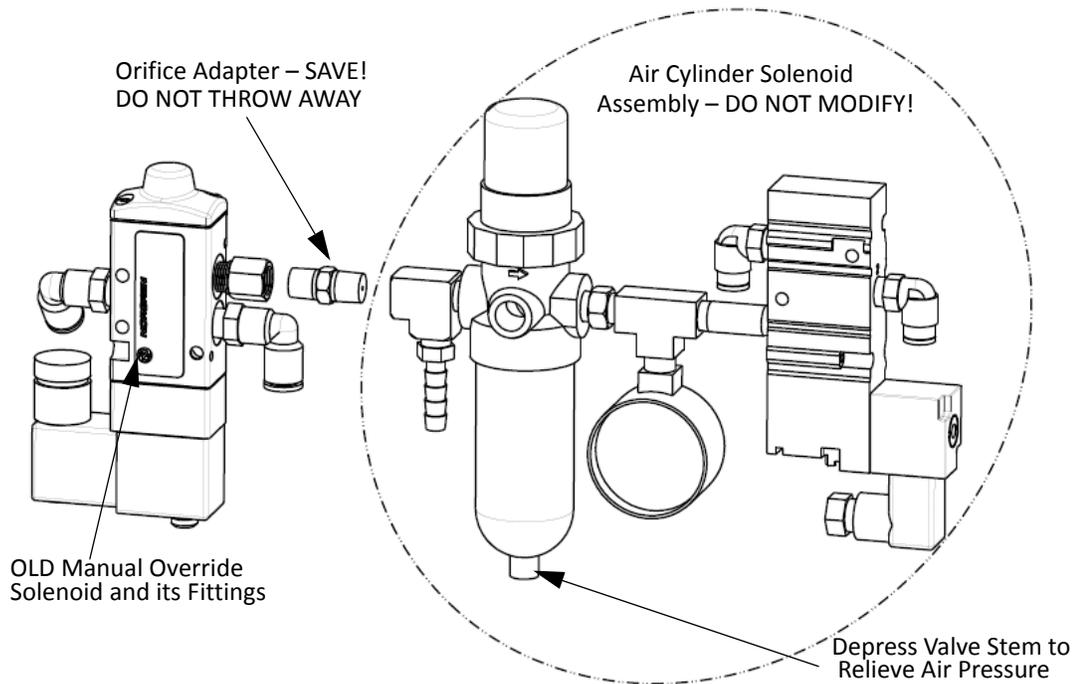


Figure 2.

11. Remove and discard the mounting bracket that held the manual override solenoid to the electrical box. A NEW mounting bracket is supplied in the kit.

12. Remove the DIN connector from the OLD manual override solenoid by loosening the mounting screw and then pulling slightly away from the solenoid, see Figure 3.

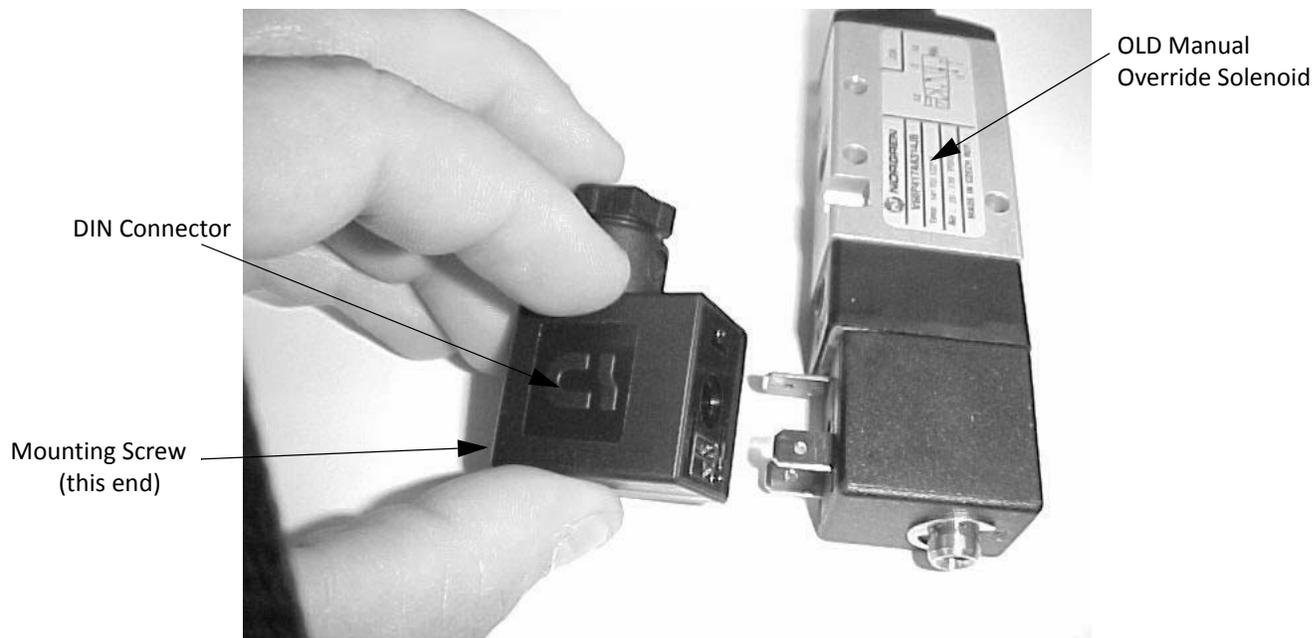
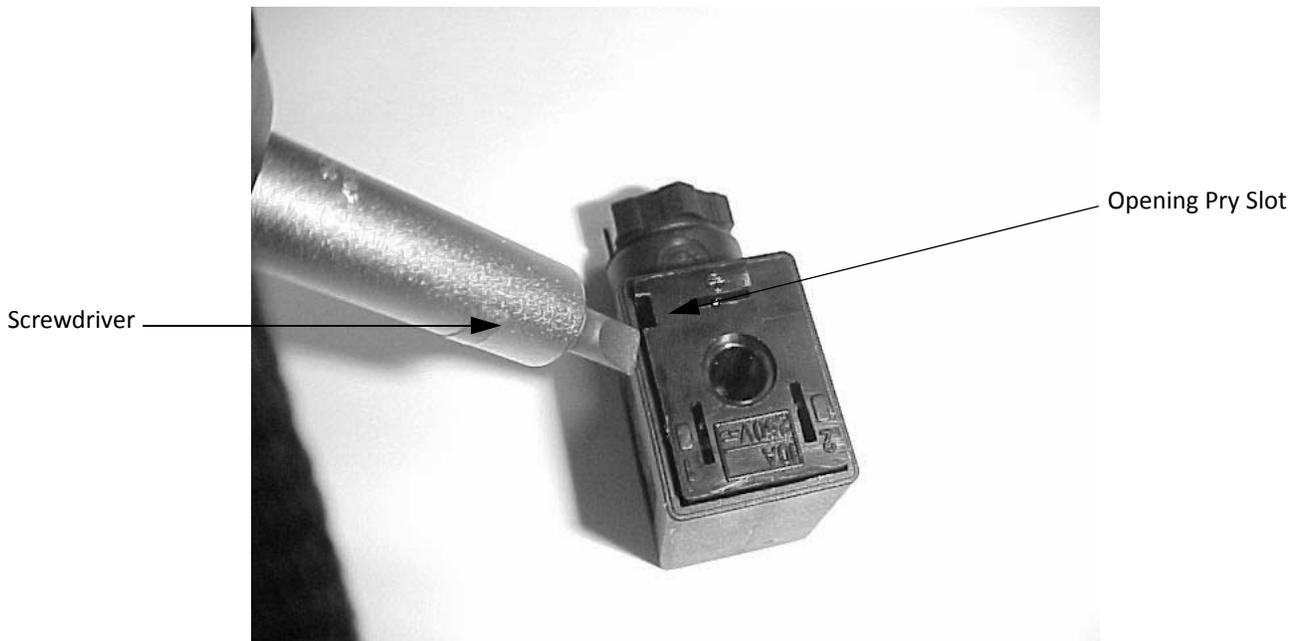


Figure 3.

13. Pop open the DIN connector by carefully prying the cover open with a small tool, see Figure 4.



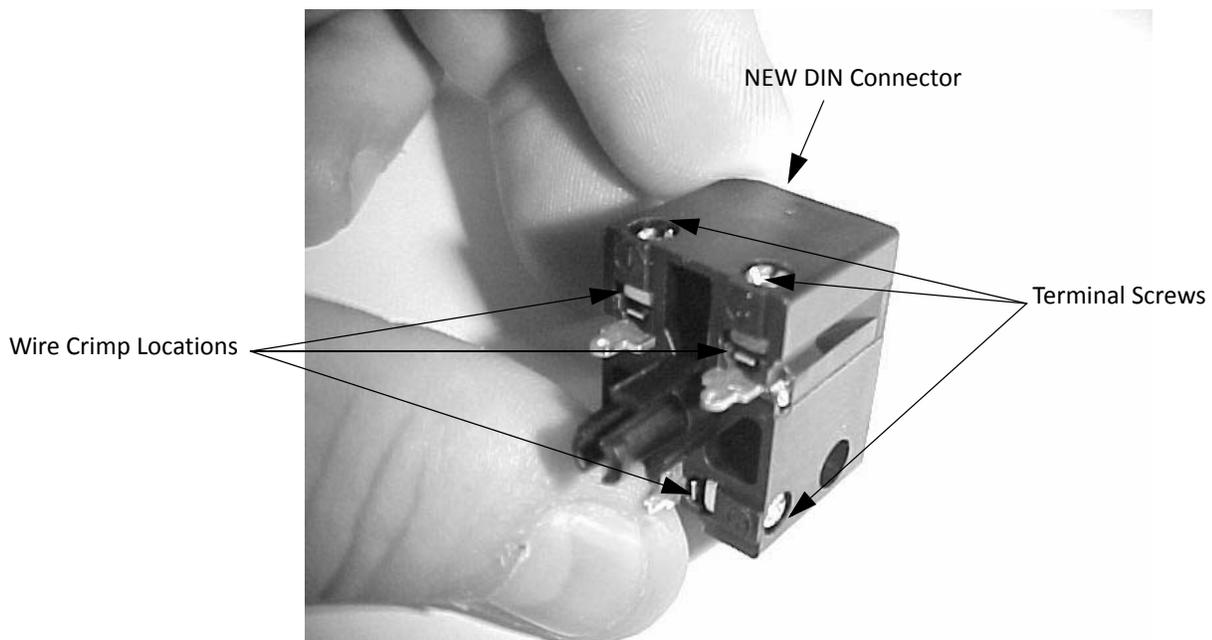
**Figure 4.**

14. Remove the wires from the terminals by loosening the terminal screws.

15. Remove the DIN connector from the NEW manual override solenoid. Follow steps 7 and 8 for removal procedure.

16. Install the wires removed in step 9 to the correct terminals on the NEW DIN connector, see Figure 5 and Figure 6.

17. Re-install DIN connector back onto the NEW manual override solenoid.



**Figure 5.**

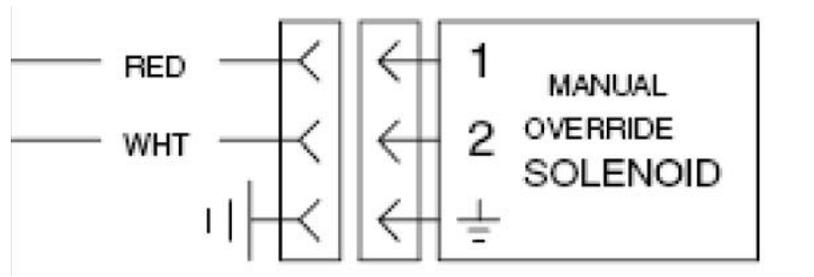


Figure 6.

18. Reassemble NEW manual override solenoid assembly, see Figure 7.

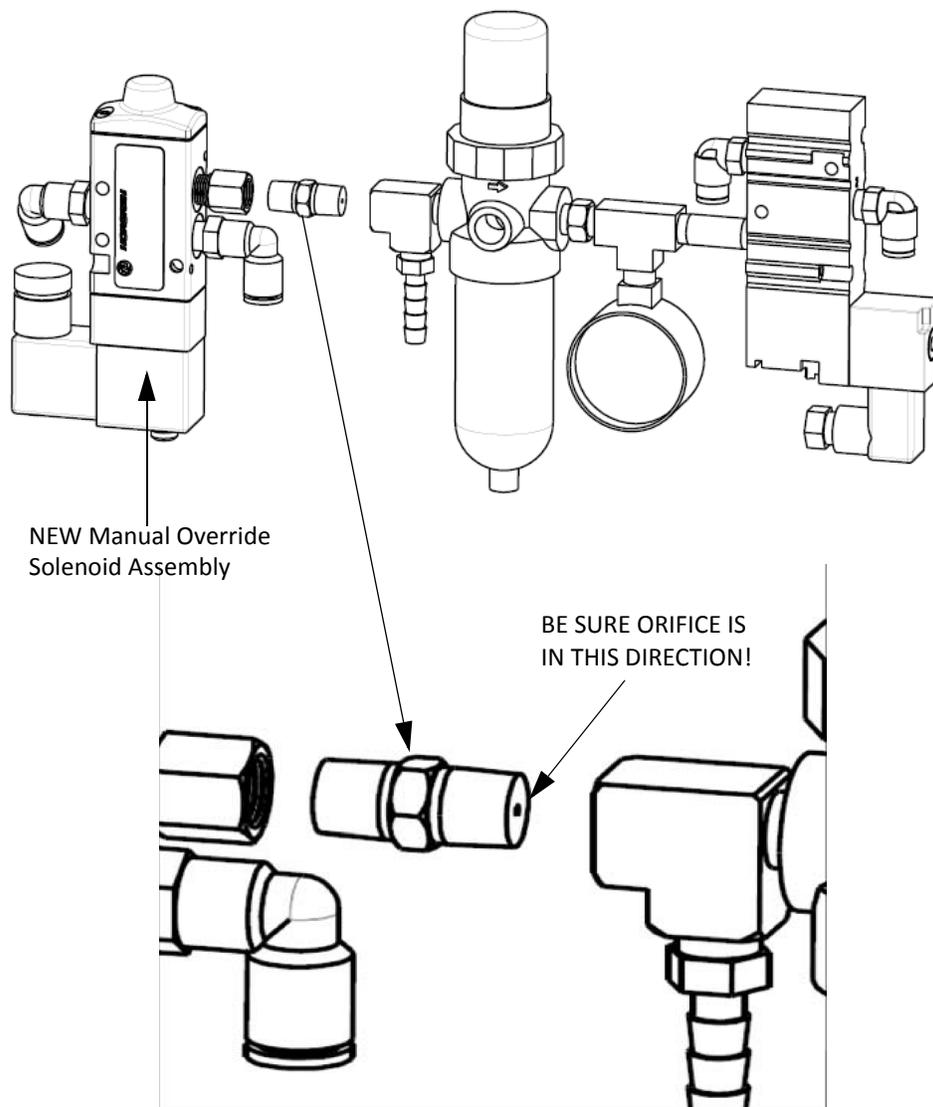
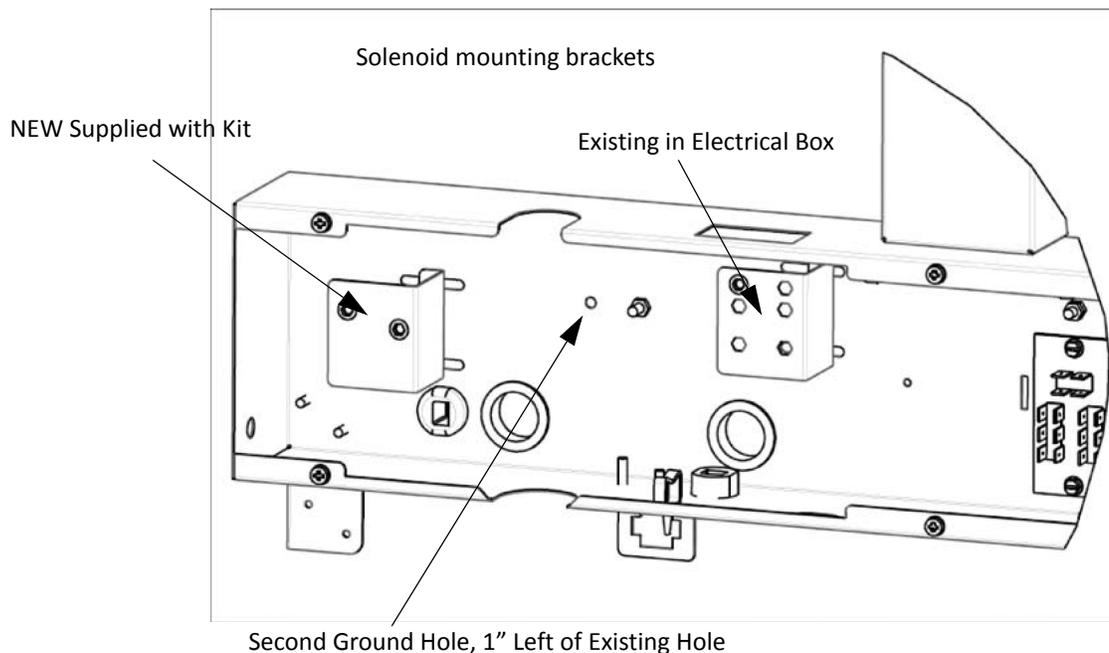


Figure 7.

19. To fit the assembly back into the electrical box it may be necessary to re-position the solenoid mounting brackets. These can be adjusted by loosening the screws, located behind the electrical box, that hold them. See Figure 8.

20. It may be necessary to drill second grounding hole (#7 drill size or .203 diameter), as shown in FIGURE 8, to help relieve wire harness tension. Re-locate the grounding screw/nuts to this hole.



**Figure 8.**

21. Install the rebuilt air system assembly back into electrical box.
22. Re-install the air cylinder solenoid mounting screw(s) and filter/regulator nut removed in step 9.
23. Install the (2) new manual override solenoid mounting screws.
24. Verify all wires, harnesses and air supply tubing is correctly installed.
25. Re-install electrical box cover.
26. Re-install upper front panel. **Make sure all harnesses are reconnected.**
27. Turn on CO<sub>2</sub> supply to the unit.
28. Reconnect electrical power back to the dispenser.
29. Verify function of the dispenser.