

Technical Bulletin

Bulletin Number: 402 Revision Number: R-02

Release Date: July 30, 1990 Revision Date: Oct. 20, 1992

SUBJECT: 2/4 PRICE SERIES 90 VENDER COUNTER MODIFICATION

MODELS AFFECTED: All Series 90 Venders with Vend/By-pass (double) Switches.

REASON: To provide a counter kit that will allow vends to be counted in 2/4 Price Series 90 Venders with Vend / By-Pass (double) switches.

SERIAL BREAK: Beginning serial number 0001-3162AO and up.
Exceptions: Production runs 3164AO, 3166AO, and 3167AO are Pre-Series 90 Venders.

ORDER: 491,010,100.14 2/4 Price Series 90 Vender Counter Modification Kit

Kit Contents:	1	804,905,400.01	Counter Kit Retrofit Harness
	8	804,100,500.11	Cluster (triple) Switch
	16	900,301,610.01	Screw, #4x1½"
	1	904,800,530.01	3M Tap Connector
	20	901,901,000.01	Wire Ties
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Kit Installation:

1. Unplug the vender.
2. Remove the motor cover.
3. Facing the vend motors, lay the kit harness so the housing with the 4" wire (see figure 1) coming off the common of the housing is to the left side of the vend mechanism (stack).
4. Start with the far left vend motor.
5. Use the 3M tap connector to connect the 4" wire to wire number 2 coming from the common position of the vend switch housing of the far left motor. See figure 4.
6. Remove the switch housings from the vend switch and by-pass switch.

7. Remove the vend/by-pass (double) switch. See figure 3.
8. Install a cluster (triple) switch with the 1 ½" mounting screws provided in the kit. See figure 2.
9. Plug the red vend switch housing to the vend switch. See A, figure 2. Insure that all three terminals are seated properly.
10. Plug the white by-pass switch housing to the by-pass switch. See B, figure 2. Insure that all three terminals are seated properly.
11. Plug the counter switch housing to the counter switch. See C, figure 2. Insure that all three terminals are seated properly.
12. Repeat steps 6 through 11 on all remaining columns.
13. If, after making the installation on the last vend motor to the right, there are some extra terminal housings left, cut the harness approximately 1" (inch) from the last terminal which was used and tape the cut wire end securely with electrical tape.
14. Use wire ties provided in the kit to secure harness away from all moving parts and vend motors.
15. Run the long "CT" wire, coming from the common of the far left counter switch housing, along the main harness over to the door.
16. Secure the wire to the main harness with wire ties.
17. Locate the 2-way counter cap on the main door. See figure 5.
18. Remove existing wire "CT" from the cap.
19. Tape the wire end securely with electrical tape.
20. Locate the wire in the kit which has a 3-way plug on one end and a terminal socket on the other end. See figure 1.
21. Install the terminal socket (see figure 1) in the 2-way counter cap in the position the "CT" wire was removed in step 17.
22. Run the wire along the existing door harness down to the 3-way cap from the counter kit retrofit harness installed earlier.
23. Insert 3-way plug in 3-way cap.
24. Plug in the vender and test for proper operation.

Note: The counter should cycle once for every vend.

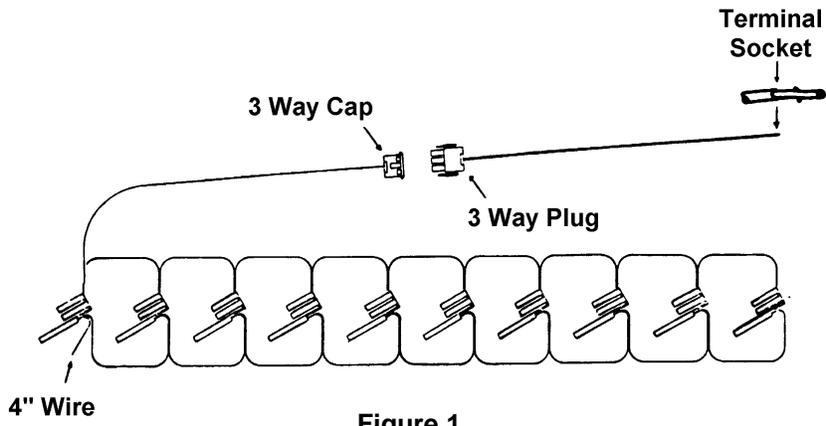


Figure 1

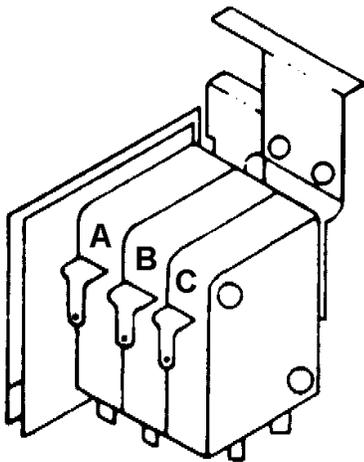


Figure 2

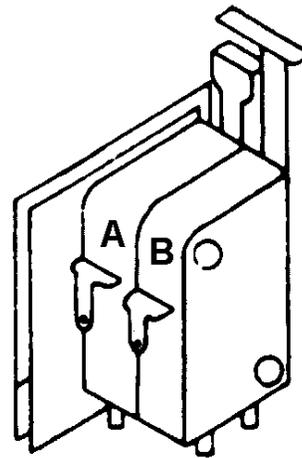


Figure 3

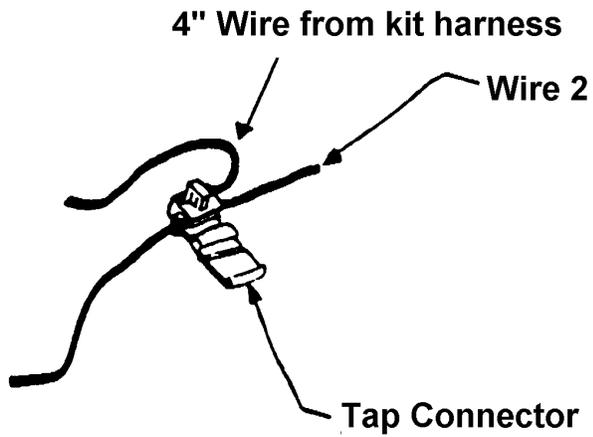


Figure 4

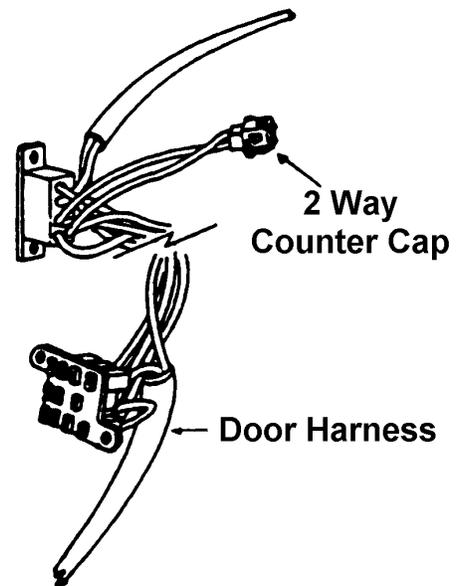


Figure 5