



SERVICE BULLETIN # 00100

201 INDUSTRIAL BOULEVARD • KEARNEYSVILLE, WV 25430

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PAGE: 1 of 2

DATE: 6-19-02

REVISION: 03

SUBJECT: Installation of Free-Vend Switch Kit

MODELS: Electro-Mechanical Venders

KIT NUMBER

KIT DESCRIPTION

011195

Free-Vend Switch Kit (Electro-Mechanical Venders)



The following areas of this vender contain voltage, which can cause serious injury or even death. The main power cord, supplying 110 VAC to the evaporator, EMI filter, and refrigeration system. The power line from the EMI filter to the ballast and transformer. The ballast can produce upwards of 600 volts. Remove power from vender before working in any of these areas.

Instructions:

1. Unplug Vender.
2. For better access to wires needed for connection of kit, remove relay from its socket. Unplug ballast, changer and/or bill validator. Remove screw that attaches relay socket to select panel. Remove relay bracket from select panel as far as the harness will allow and turn over for better view and access.
3. Locate wire #1. (This wire connects from position #1 in the changer socket to the #1 position in the ballast output) Take wire **TZ1** from the free-vend switch lead and insert it into the supplied scotchlok connector next to hinge side of cover clip. (See Diagram) Approximately half-way between connecting points of wire #1, insert wire, uncut, into the through position of scotchlok clip.
4. Using a pair of needlenose pliers, crimp the metal piece of scotchlok connector onto wires inserted. Crimp will be complete when top of metal piece is flush with the plastic. Snap plastic cover metal piece and into position.
5. Locate Wire **CT**. (Also, see note below) This wire connects between position #3 in the changer socket and the counter output. (Which can either be hard-wired into counter or in position #1 of the other 2-way mate-n-lok cap.) Locate wire **TZ2** of the free-vend switch lead and insert into the scotchlok connector next to the hinge side of the cover clip. (See Diagram) Approximately half way between connector points of wire **CT**, insert, uncut, into through position of scotchlok connector.
6. Repeat step #4 above.
7. Remove backing from plastic tape attached to switch and fix it into position approximately 3" from the rear of the select panel and 5" above relay bracket position.
8. Replace relay bracket back into select panel and secure into position. Replace vend relay, ballast lead, changer and/or bill validator.
9. Plug in Vender and test.

NOTE: On Venders with a hard-wired counter, wire **CT** will not be present. Use the black wire from the counter that connects to position #3 in the changer socket.

**ANY QUESTIONS??? CONTACT ROYAL VENDORS' CUSTOMER SERVICE DEPARTMENT
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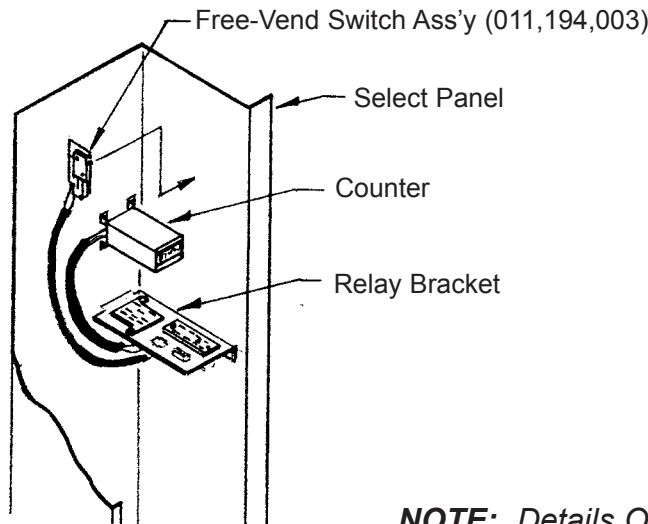
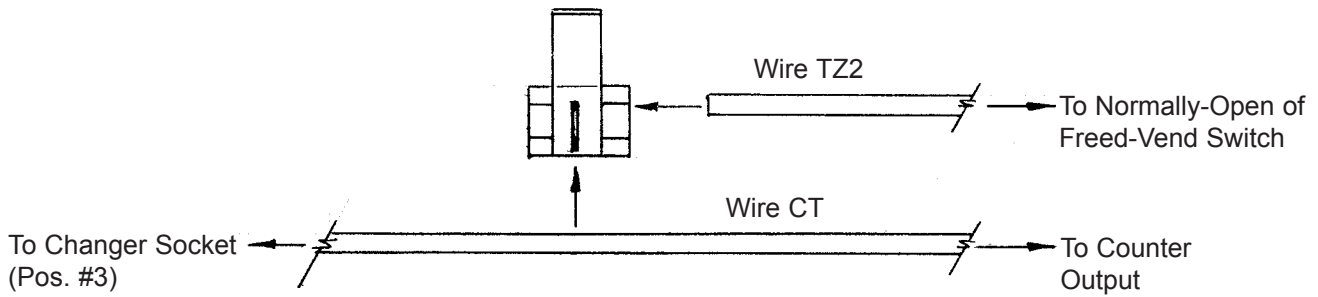
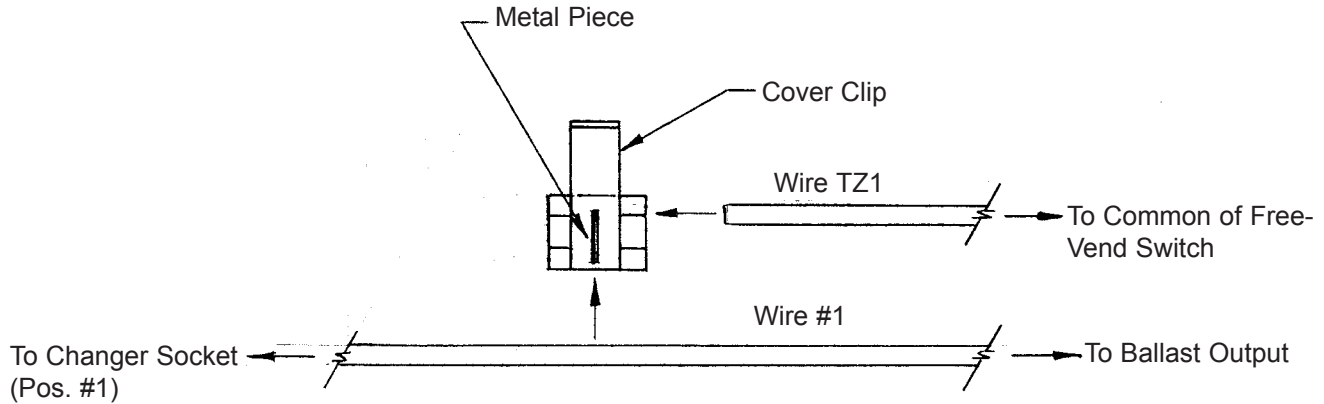
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NOTE: Details Omitted for Clarity

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