

Technical Bulletin

Bulletin Number: 354 Revision Number: R-02

Release Date: December 9, 1991 Revision Date: November 12, 1998

SUBJECT: ESCROW-TO-SELECT USING A MARS TRC 6800H COIN MECH

NOTE: DO NOT USE A DOLLAR BILL VALIDATOR WITH THIS APPLICATION

REASON: To set the vender so that the customer can return the money inserted, prior to pushing a select button, by pushing the coin reject plunger.

MODELS AFFECTED: All single price venders serialized 0001-3161AO and up.
See pages 1, 2, and 3.
(Except: 1954 to 2003-3161 and 2656 to 2705-3161)
All single price venders serialized 0001-2106CB to 0001-3161AO. See pages 2 and 3.
(Includes: 1954 to 2003-3161 and 2656 to 2705-3161)

Program TRC6800H Switches as shown in figure 1.

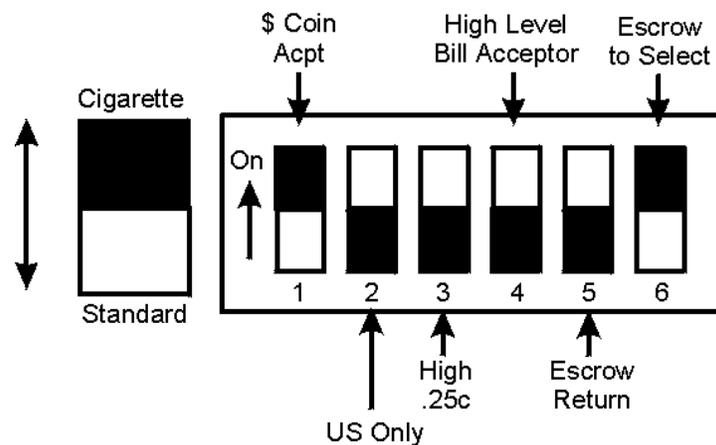


Figure 1

Kit Installation In Single Price Venders 0001-3161 And Up

(See exceptions listed above)

1. Unplug the vender.
2. Start with the end of the kit harness with bare terminals. Note that wire #3 has a changer socket terminal on it (see figure 1, page 3).
3. Remove terminal 3 from the changer socket (see figure 2, page 3) and tape the end with electrical tape. Now insert wire #3 of the kit harness in the changer socket position 3. (See figure 3, page 3.)
4. Unplug the vend relay and store or discard it. It will not be used in this application.

5. Plug one end of the "short jumper" furnished with the kit in the top of the relay socket at the "C" (Common) position of switch 1 and the other end in the "NC" (Normally Closed) position of switch 1. The jumper will should now be plugged into wire #4 and wire #71.
6. Run the kit harness loosely along the existing door harness towards the select panel.
7.
 - A. Remove the terminal from the common of the highest numbered select switch on venders with one vertical row of select buttons.
 - B. Remove the terminal from the common of the highest odd numbered select switch on venders with two vertical rows of select buttons.
8. Tape the wire end removed in step 7 with electrical tape.
9. Insert wire #3 of the conversion harness in its place.
10. On venders that have a sequence relay for columns 1 and 2, remove wire #156 from NC (Normally Closed) position of the 1 and 2 select switch. Splice wire #156 to wire #161 located in the NO (Normally Open) position of the 1 and 2 select switch using a tap connector.
11. Use plastic ties (901,902,83x.x1) to tie the conversion harness to the existing door harness.

Kit Installation In Single Price Venders 0001-2106CB to 0001-3161AO

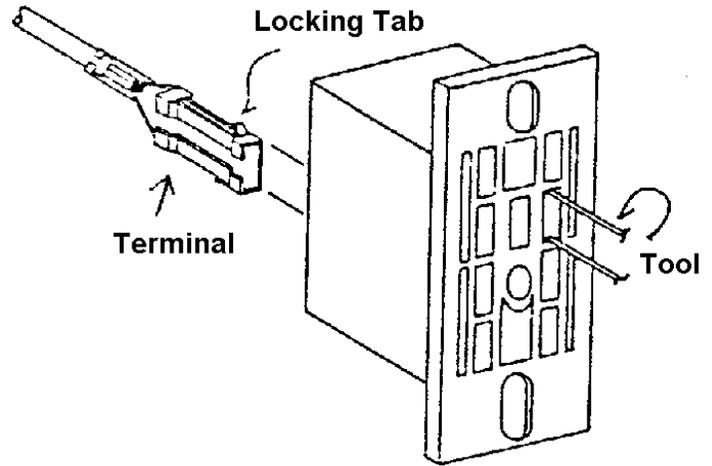
(See inclusions on page 1)

1. Unplug the vender.
2. Start with the end of the kit harness with bare terminals. Note that wire #3 has a changer socket terminal on it (see figure 1, page 3).
3. Remove terminal 3 from the changer socket (see figure 2, page 3) and tape the end with electrical tape. Now insert wire #3 of the kit harness in the changer socket position 3. (See figure 3, page 3.)
4. Unplug the vend relay and store or discard it. It will not be used in this application.
5. Plug one end of the "short jumper" furnished with the kit in the top of the relay socket at the "C" (Common) position of switch 1 and the other end in the "NO" (Normally Open) position of switch 2. The jumper will should now be plugged into wire #4 and wire #10.
6. Run the kit harness loosely along the existing door harness towards the select panel.
7.
 - A. Remove the terminal from the common of the highest numbered select switch on venders with one vertical row of select buttons.
 - B. Remove the terminal from the common of the highest odd numbered select switch on venders with two vertical rows of select buttons.
8. Tape the wire end removed in step 7 with electrical tape.
9. Insert wire #3 of the conversion harness in its place.
10. On venders that have a sequence relay for columns 1 and 2, remove wire #156 from the NC (Normally Closed) position of the 1 and 2 select switch. Splice wire #156 to wire #161 located in the NO (Normally Open) position of the 1 and 2 select switch using a tap connector.
11. Use plastic ties (901,902,83x.x1) to tie the conversion harness to the existing door harness.

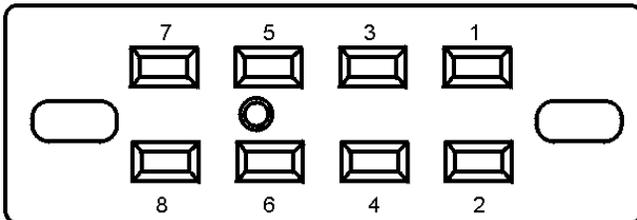
2 Locking Tabs - Socket Terminals

A double blade tool should be used to depress the 2 locking tabs simultaneously to release the terminal.

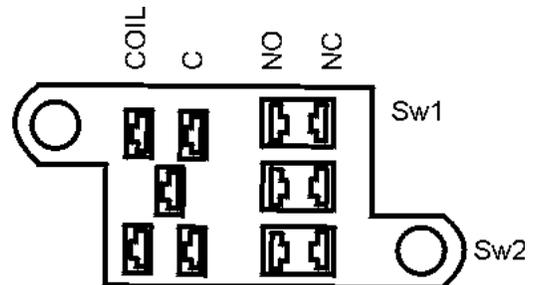
If terminal #3, which is removed and taped, is used in the future, before reinserting the terminal, open the two (2) locking tabs approximately $\frac{1}{32}$ " to assure locking within the housing.



Socket Coin Changer
Figure 2



Changer Socket
Figure 3



Relay Socket
Figure 4