

**TOMORROW'S  
MANUFACTURING  
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# Technical Bulletin

Bulletin Number: 405 Revision Number: R-02  
Release Date: Jan. 8, 1990 Revision Date: March 11, 1994

**SUBJECT: DUAL PRICE KITS FOR PRE-SERIES 90 VENDERS**

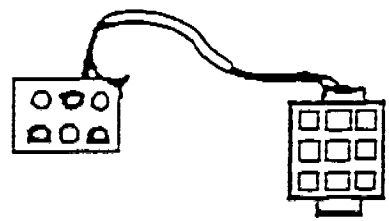
**MODELS AFFECTED: All Models (See Listing Below)**

**REASON: To provide a kit to allow the vender to be set to two different vend prices when using a Two Price Changer.**

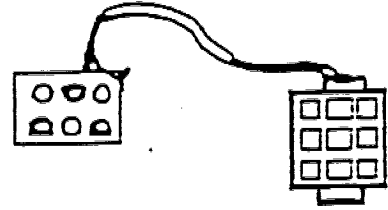
**SERIAL BREAK: Two Price Kits will fit all DNCB Venders prior to 0001-3162AO. Including production runs 3164AO, 3166AO, and 3167AO. Exception: Venders serialized 1954-3161AO to 2003-3161AO and 2656-3161AO to 2705-3161AO are Series 90 and the kits will not work. Note: These kits will also work on Series 90 Venders built with the Two/Four Price Kit factory installed with triple (cluster) switches on the vend motors.**

**CHANGERS REQUIRED: Changer should be ordered from changer manufacturer. Specify dual (2) price when ordering.**

**CHANGERS REQUIRED WHEN USING A USA BILL VALIDATOR:  
Mars Model MC-5920AH, with Dixie-Narco interface harness part #804,906,200.01**



Coinco Model F300E-9210, with Coinco Adapter Cord Coinco Part #406277



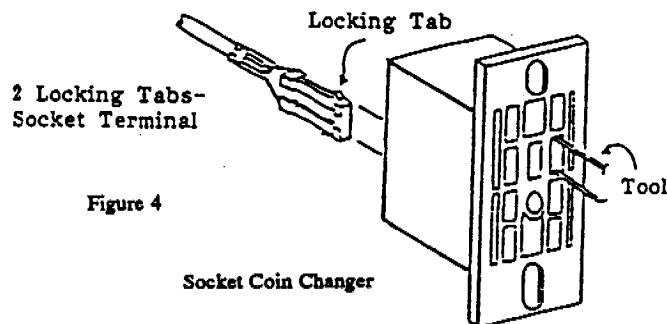
# INDEX

## TWO PRICE KIT INSTRUCTIONS

- A** DNCB Generic 5, 6, 7, 8, 9, and 10 Select Venders. (Includes Dr. Pepper CII, Coca-Cola before Landscape and Pepsi-Cola before Magnum and Magnum Circulars.) See pages 1, 2, 3, A1, A2, and A3.
- B** DNCB Coca-Cola Landscape, 7UP B7 and Dr. Pepper D3 5, 6, 7, 8, 9, and 10 Select Venders. See pages 1, 2, 3, B1, B2, and B3.
- C** DNCB Pepsi-Cola Magnum and Magnum Circular 5, 6, 8 and 10 Select Venders. See pages 1, 2, 3, C1, C2, and C3.

### TERMINAL REMOVAL FROM THE COIN CHANGER SOCKET.

1. Unplug the vender.
2. Use a double blade tool to depress the two (2) locking tabs at the same time. (See figure 4.)
3. Insert the double blade tool.
4. Push firmly to depress the locking tabs and release the terminal.



# A

## DNCB GENERIC 5, 6, 8 AND 10 SELECT VENDERS

### SERIAL NUMBER BREAK:

For DNCB Venders Serialized prior to 0001-3162AO with an exception of 1954-3161AO to 2003-3161AO and 2656-3161AO to 2705-3161AO which are Series 90 venders. Also includes production runs 3164AO, 3166AO, 3167AO.

### **IMPORTANT:**

Any vender built after 0001-3262AO with the two price kit factory installed and that has triple (cluster) switches on the vend motors will also use the kit.

**ORDER:** 469,010,200.04 (Generic) Two Price Kit

**Kit Contents:**

1 - 804,905,020.01	Two Price Conversion Harness
2 - 903,828,820.01	Price Label Card
5 - 901,901,060.01	Plastic Wire Tie

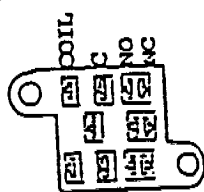
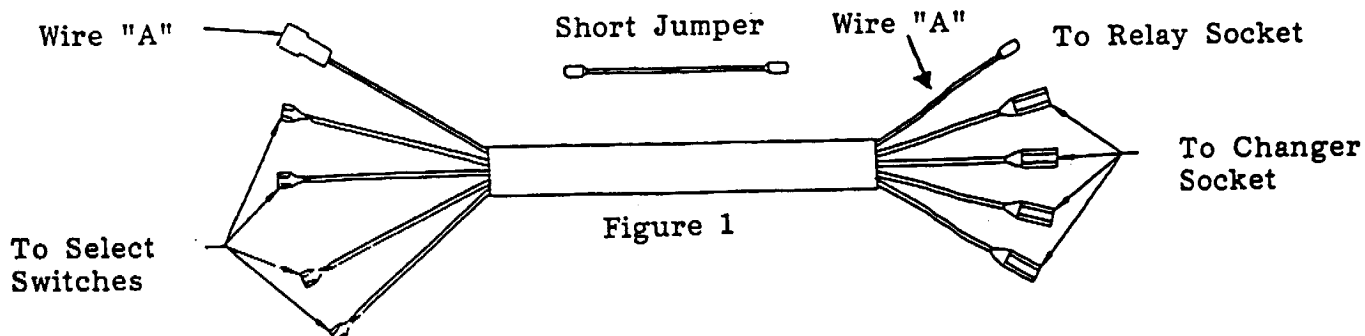


Figure 2

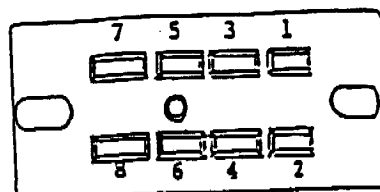


Figure 3

### **TO INSTALL:**

1. Unplug the vender.
2. Remove the terminal from location 3 of the changer socket (see figure 3 above) using the removal instructions on page 2.
3. Tape the wire end removed in step 2 with electrical tape.

A1  
TB 405

# A

4. Insert wire #3 of conversion harness in changer socket location 3. (See figure 3, page A1.)
5. Insert wire #4 of the conversion harness in the changer socket location 4. (See figure 3, page A1.)
6. Discard wire numbers 7 and 8 of the conversion harness. They will not be used in a dual (2) price installation.
7. Unplug the vend relay and store.
8. Plug the small tab on the end of wire "A" of the conversion harness in the top of the relay socket at the "NC" position of switch 1. (Wire "A" should now be plugged into wire #71.)
9. Plug one end of the "short jumper" of the conversion harness in the top of the relay socket at the "C" position of switch 1 and the other end in the "NO" position of switch 2. (Jumper wire should now be plugged into wire #4 and wire #10.)
10. Run the conversion harness loosely along the existing door harness toward the select panel.
11. Remove the door harness terminal from the common of select switch #3.
12. Plug wire #3 of the conversion harness on in its place.
13. Remove the door harness terminal from the common of select switch #4.
14. Plug the wire removed from "C" of select switch #3 (in step 11) in the "C" of select switch #4.
15.
  - A. On 5 & 6 Select Venders - Remove the door harness terminal from the common of select switch #5.
  - B. On 7 & 8 Select Venders - Remove the door harness terminal from the common of select switch #7.
  - C. On 9 & 10 Select Venders - Remove the door harness terminal from the common of select switch #9.
16.
  - A. On 5 & 6 Select Venders - Plug wire #4 of the conversion harness on the common of select switch #5.
  - B. On 7 & 8 Select Venders - Plug wire #4 of the conversion harness on the common of select switch #7.

# A

- C. On 9 & 10 Select Venders - Plug wire #4 of the conversion harness on the common of select switch #9.
17. The door harness terminal removed in step 15 is wire C25 or T25. Plug wire C25 or T25 in the female insulator of wire "A" of conversion kit. (See figure 1, page A1.)
18. On venders that have a sequence relay for columns 1 and 2, remove wire #156 from the normally closed (NC) position of the 1 & 2 select switch. Splice wire #156 to wire #161 located in the normally open (NO) position of the 1 and 2 select switch using a tap connector.
19. Use the plastic ties (901,901,060.01) to tie the conversion harness to the existing door harness.
20. Set the price switches in the changer following the changer manufacturers instructions.
- A. 1st price line will give you price for selections 1, 2, and 3.
- B. On 5 Select Venders - 2nd price line will give you price for selections 4 & 5.
- On 6 Select Venders - 2nd price line will give you price for selections 4, 5, & 6.
- On 7 & 8 Select Venders - 2nd price line will give you price for selections 4, 5, 6, 7, & 8.
- On 9 & 10 Select Venders - 2nd price line will give you price for selections 4, 5, 6, 7, 8, 9, & 10.
21. Place price decals on each select button flavor card and slide the cards in the select button. Note: On permanent type select buttons you will have to put the price decal on the front of the select button.

# B

## DNCB COCA-COLA LANDSCAPE, 7UP B7 AND DR PEPPER D3 DNCB 5, 6, 7, 8, 9, AND 10 SELECT VENDERS

### SERIAL NUMBER BREAKS:

For DNCB Coca-Cola Landscape Venders 0001-2949DK to 0001-3162AO with an exception of 1954-3161AO to 2003-3161AO and 2656-3131AO to 2705-3161AO which are Series 90 venders.

### **IMPORTANT:**

Any vender built after 0001-3162AO with the two price kit factory installed and that has triple (cluster) switches on the vend motors will also use the kit.

**ORDER:** 432,011,800.14 (Landscape) Two Price Kit

**Kit Contents:**

1 - 804,905,010.01	Two Price Conversion Harness
2 - 903,828,810.01	Price Label Card
5 - 901,901,060.01	Plastic Wire Tie

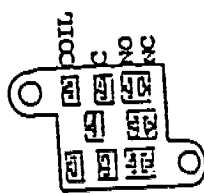
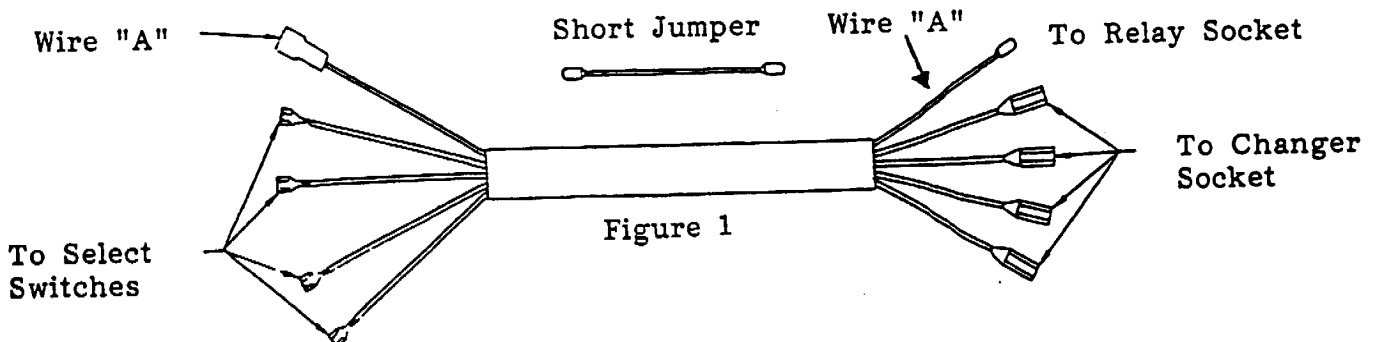


Figure 2

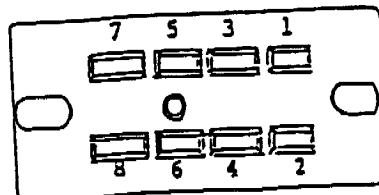


Figure 3

### **TO INSTALL:**

1. Unplug the vender.
2. Remove the terminal from location 3 of the changer socket (see figure 3 above) using the removal instructions on page 2.
3. Tape the wire end removed in step 2 with electrical tape.

## B

4. Insert wire #3 of the conversion harness in changer socket location 3. (See figure 3, page B1.)
5. Insert wire #4 of the conversion harness in changer socket location 4. (See figure 3, page B1.)
6. Discard wire numbers 7 and 8 of the conversion harness. They will not be used in a dual (2) price installation.
7. Unplug the vend relay and store.
8. Plug the small tab on the end of wire "A" of the conversion harness in the top of the relay socket at the "NC" position of switch 1. (Wire "A" should now be plugged into wire #71.)
9. Plug one end of the "short jumper" of the conversion harness in the top of the relay socket at the "C" position of switch 1 and the other end in the "NO" position of switch 2. (Jumper wire should now be plugged into wire #4 and wire #10.)
10. Run the conversion harness loosely along the existing door harness toward the select panel.
11. Remove the select switch housing from select switch #3.
12. Remove the wire terminal from the common position of the housing.
13. Tape the wire end removed in step 12 with electrical tape.
14. Insert wire #3 of the conversion harness in its place.
15. Plug select switch housing on select switch #3.
16.
  - A. On 5 Select Venders - Remove the select switch housing from select switch #5.
  - B. On 6 Select Venders - Remove the select switch housing from select switch #6.
  - C. On 7 & 8 Select Venders - Remove the select switch housing from select switch #8.
  - D. On 9 & 10 Select Venders - Remove the select switch housing from select switch #10.
17. Remove the wire terminal from the common position of the housing.

## B

18. Insert wire #4 of the conversion harness on in its place.
19. Plug select switch housing on select switch it was removed from in step 16.
20. The door harness terminal removed in step 17 is wire C25 or T25. Plug wire C25 or T25 in the female insulator of wire "A" of conversion kit.
21. Use the plastic ties (901,901,060.01) to tie the conversion harness to the existing door harness.
22. On Coca-Cola venders that have a sequence relay for columns 1 & 2, remove wire #156 from the normally closed (NC) position of the 1 & 2 select switch. Splice wire #156 to wire #161 located in the normally open (NO) position of the 1 & 2 select switch using a tap connector.
23. Set the price switches in the changer following the changer manufacturers instructions.
  - A. 1st price line will give you price for selections 1, 2, and 3.
  - B. On 5 Select Venders - 2nd price line will give you price for selections 4 & 5.  
  
On 6 Select Venders - 2nd price line will give you price for selections 4, 5, & 6.  
  
On 7 & 8 Select Venders - 2nd price line will give you price selections 4, 5, 6, 7, & 8.  
  
On 9 & 10 Select Venders - 2nd price line will give you price for selections 4, 5, 6, 7, 8, 9, & 10.
24. Place price decals on each select button flavor card and slide the cards in the select button. Note: On permanent type select buttons you will have to put the price decal on the front of the select button.



# C

## DNCB PEPSI-COLA MAGNUM AND MAGNUM CIRCULAR 5, 6, 8, AND 10 SELECT VENDERS

### SERIAL NUMBER BREAK:

For DNCB Pepsi-Cola Magnum and Magnum Circular venders serialized prior to 0001-3162A0 with an exception of 1954-3161A0 to 2003-3161A0 and 2656-3161A0 to 2705-3161A0 which are Series 90 venders.

### **IMPORTANT:**

Any vender built after 0001-3162A0 with the two price kit factory installed and that has triple (cluster) switches on the vend motors will also use the kit.

**ORDER:** 267,010,800.14 (Magnum Circular/Magnum) Two Price Kit

<b>Kit Contents:</b>	1 - 804,905,020.01	Two Price Conversion Harness
	2 - 903,828,800.01	Price Label Cards
	5 - 901,901,060.01	Plastic Wire Tie

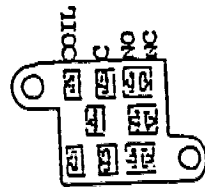
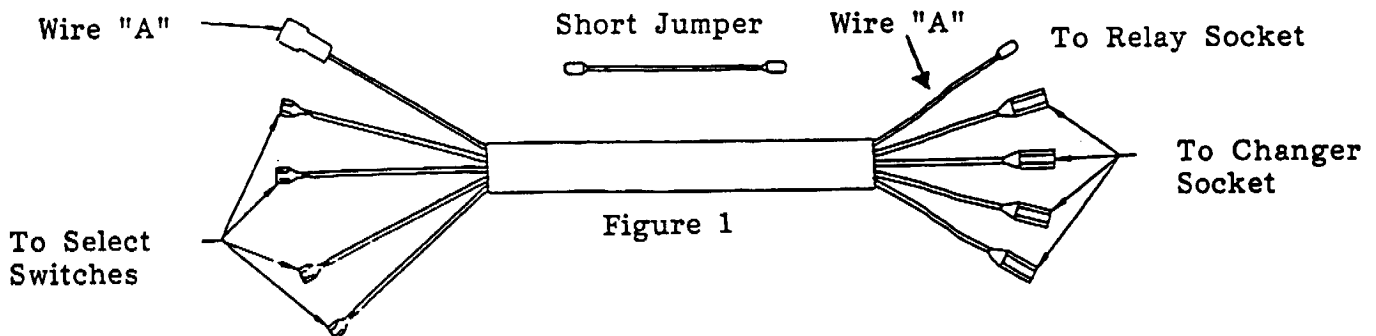


Figure 2

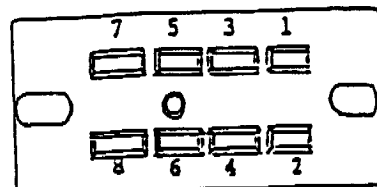


Figure 3

### **TO INSTALL:**

1. Unplug the vender.
2. Remove the terminal from location 3 of changer socket (see figure 3 above) using removal instructions on page 2.
3. Tape the wire end removed in step 2 with electrical tape.

C1  
TB 405

# C

4. Insert wire #3 of conversion harness in changer socket location 3. (See figure 3, page C1.)
5. Insert wire #4 of conversion harness in changer socket location 4. (See figure 3, page C1.)
6. Discard wire numbers 7 & 8 of the conversion harness. They will not be used in a dual (2) price installation.
7. Unplug the vend relay and store.
8. Plug the small tab on the end of wire "A" of the conversion harness in the top of the relay socket at the NC position of switch 1. (Wire "A" should now be plugged into wire #71.)
9. Plug one end of the "short jumper" of the conversion harness in the top of the relay socket at the "C" position of switch 1 and the other end in the "NO" position of switch 2. (Jumper wire should now be plugged into wire #4 and wire #10.)
10. Run the conversion harness loosely along the existing door harness toward the select panel.
11. Remove the door harness terminal from the common of select switch #3.
12. Plug wire #3 of conversion harness on in its place.
13.
  - A. On 5 Select Venders - Remove door harness terminal from the common of select switch #5.
  - B. On 6 Select Venders - Remove door harness terminal from the common of select switch #6.
  - C. On 8 Select Venders - Remove door harness terminal from the common of select switch #8.
  - D. On 10 Select Venders - Remove door harness terminal from the common of select switch #10.
14.
  - A. On 5 Select Venders - Plug wire #4 of conversion harness on common of select switch #5.
  - B. On 6 Select Venders - Plug wire #4 of conversion harness on common of select switch #6.
  - C. On 8 Select Venders - Plug wire #4 of conversion harness on common of select switch #8.

# C

- D. On 10 Select Venders - Plug wire #4 of conversion harness on common of select switch #10.
- 15. The door harness terminal removed in step 13 is wire C25 or T25. Plug wire C25 or T25 in the female insulator of wire "A" of conversion kit.
- 16. Use the plastic ties (901,901,060.01) to tie the conversion harness to the existing door harness.
- 17. Set the price switches in the changer following the changer manufacturers instructions.
  - A. 1st price line will give you price for selections 1, 2, & 3.
  - B. On 5 Select Venders - 2nd price line will give you price for selections 4 & 5.  
  
On 6 Select Venders - 2nd price line will give you price for selections 4, 5, & 6.  
  
On 8 Select Venders - 2nd price line will give you price for selections 4, 5, 6, 7, & 8.  
  
On 10 Select Venders - 2nd price line will give you price for selections 4, 5, 6, 7, 8, 9, & 10.
- 18. Place price deals on each select button flavor card and slide the cards in the select button. Note: On permanent type select buttons you will have to put the price decal on the front of the select button.