

Technical Bulletin

Bulletin Number: 238 Revision Number: R-08

Release Date: July 20, 1991 Revision Date: September 25, 1997

SUBJECT: TWO/FOUR PRICE KITS FOR PRE-SERIES 90 VENDERS

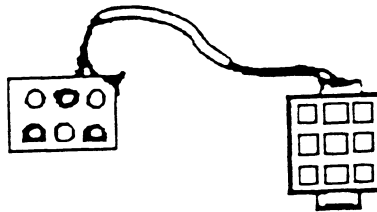
MODELS AFFECTED: All Models (See Listing Below)

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

SERIAL BREAK: Two/Four 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 Two/Four Price Kit factory installed with triple (cluster) switches on the vend motors.

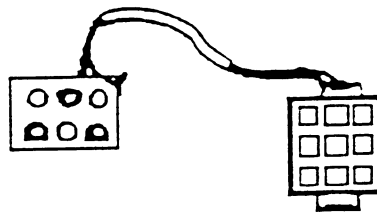
CHANGERS REQUIRED: Mars Model MC-5920A, 4 Price Part #9199345-4
Coinco Model F150-9400, 4 Price
Coinco Model F300-9400-977, 4 Price

CHANGERS REQUIRED WHEN USING A USA BILL VALIDATOR:
Mars Model MC-5920AH, 4 Price with Dixie-Narco Interface Harness



Part #804,906,200.01

Coinco Model F300E-9210, 4 Price with Coinco Adapter Cord



Coinco Part #406277

INDEX

TWO/FOUR PRICE KIT INSTRUCTIONS

- A** DNCB Generic 6, 7, 8, 9, and 10 Select Venders.
(Includes Dr. Pepper CII, Coca-Cola before Landscape, and
Pepsi-Cola before Magnum and Magnum Circulars.).....Pages 1, 2, 3, A1, A2, & A3
- B** DNCB Coca-Cola Landscape, 7UP B7, and
Dr. Pepper D3 6, 7, 8, 9, and 10 Select Venders..... Pages 1, 2, 3, B1, B2, B3, & B4
- C** DNCB Pepsi-Cola Magnum and Magnum
Circular 6, 8, and 10 Select Venders. Pages 1, 2, 3, C1, C2, & C3
- D** DNCB Generic 5 Select Venders.
(Includes Dr. Pepper CII, Coca-Cola before Landscape,
and Pepsi-Cola before Magnum and Magnum Circular.)..... Pages 1, 2, 3, D1, D2, & D3
- E** DNCB Coca-Cola Landscape 5 Select Venders.....Pages 1, 2, 3, E1, E2, & E3
- F** DNCB Pepsi-Cola Magnum 5 Select VendersPages 1, 2, 3, F1, F2, & F3

COUNTER KIT INSTRUCTIONS WITH TWO/FOUR PRICE KITS

- G** DNCB Coca-Cola Landscape Venders with two way plug for counters..... Pages 1, 2, 3, G1, & G2
- H** DNCB Pepsi-Cola, 7UP B7, Dr. Pepper D3, and
Generic Venders with two way plugs for counter Pages 1, 2, 3, H1, & H2
- I** All DNCB Venders with counter wires in nine way or
fifteen way plug/cap..... Pages 1, 2, 3, I1, & I2

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 1.)
3. Insert the double blade tool.
4. Push firmly to depress the locking tabs and release the terminal.
5. Remove the double blade tool.
6. The terminal and wire should pull easily from the socket.
7. To insert the terminal, open the two (2) locking tabs approximately 1/32" to assure locking within the housing, then push the terminal into position.

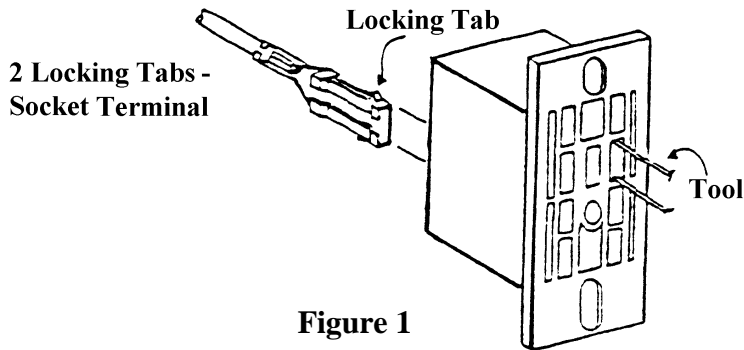


Figure 1

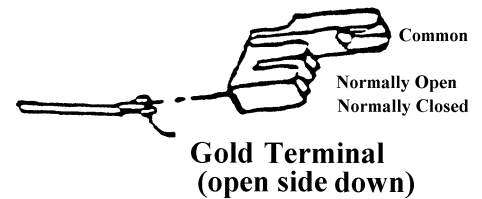


Figure 2
ByPass Switch Housing

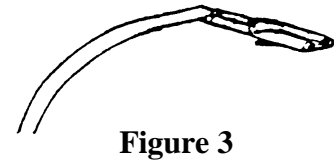


Figure 3

TERMINAL REMOVAL FROM THE MATE-N-LOK PLUGS AND/OR CAPS

1. Unplug the vender.
2. Use extraction tool (part# 800,101,080.01).
3. Insert the extraction tool into the front side of the mate-n-lok plug or cap. (See figure 5.)
4. Push in firmly. This will depress the locking tabs on the terminal. (See figure 5.)
5. Remove the extraction tool.
6. Terminal and wire should pull easily from the plug or cap.
7. To insert the terminal, open the two (2) locking tabs approximately 1/32" to assure locking within the housing, then push the terminal into position.

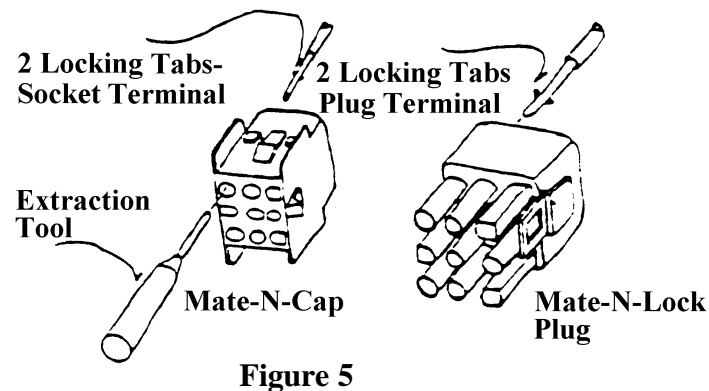


Figure 5

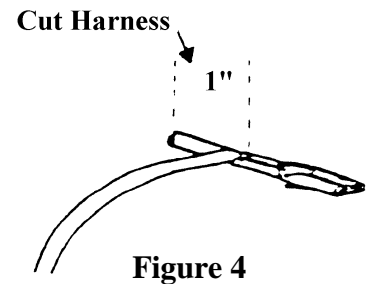


Figure 4

As viewed from wire insertion side 1 is at corner having rib.

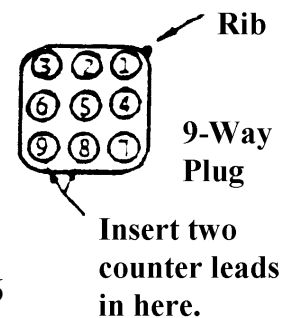


Figure 6

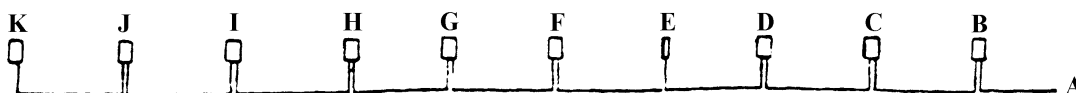


Figure 7

A

DNCB GENERIC

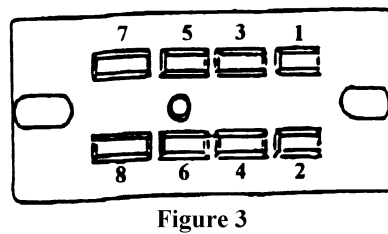
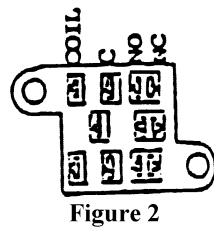
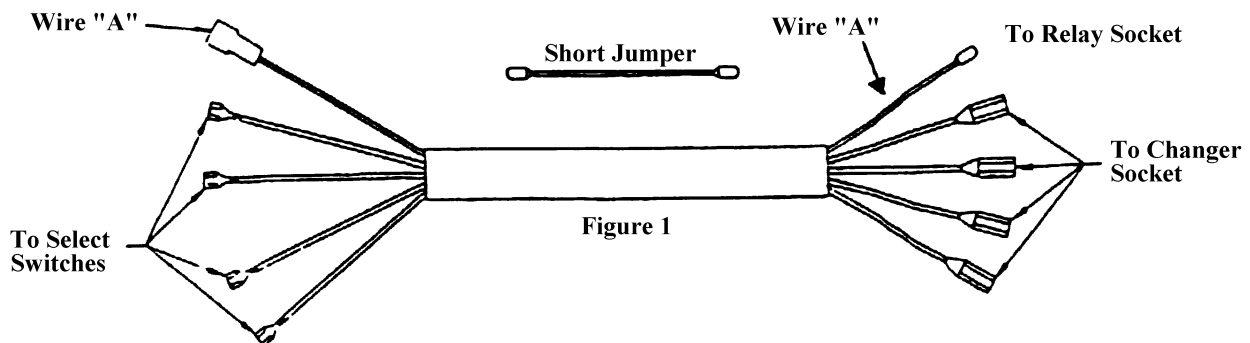
6, 8, AND 10 SELECT VENDERS

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, and 3167AO.

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

ORDER: 469,010,200.04 (Generic)
 Kit Contents: 1 - 804,905,020.01
 1 - 903,828,820.11
 5 - 901,901,060.01

Two/Four Price Kit
 Two/Four Price Conversion Harness
 Price Label Card
 Plastic Wire Tie



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 3.
3. Tape the wire end removed in step 2 with electrical tape.
4. Remove the terminal from location 7 of the changer socket (See figure 3 above) using the removal instructions on page 3.

A

5. Tape the wire end removed in step 4 with electrical tape.
6. Insert wire #3 of conversion harness in changer socket location 3. (See figure 3, page A1.)
7. Insert wire #4 of the conversion harness in changer socket location 4. (See figure 3, page A1.)
8. Insert wire #7 of the conversion harness in changer socket location 7. (See figure 3, page A1.)
9. Insert wire #8 of the conversion harness in changer socket location 8. (See figure 3, page A1.)
10. Unplug the vend relay and store.
11. 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.)
12. 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. (The jumper wire should now be plugged into wire #4 and wire #10.)
13. Run the conversion harness loosely along the existing door harness toward the select panel.
14. Remove the door harness terminal from the common of select switch #3.
15. Plug wire #3 of the conversion harness on in its place.
16. Remove the door harness terminal from the common of select switch #4.
17. Plug wire #4 of the conversion harness on in its place.
18. Remove the door harness terminal from the common of select switch #6.
19. Plug wire #7 of the conversion harness on in its place.
20.
 - A. On 6-Select Venders - Remove the door harness terminal from the common of select switch #5.
 - B. On 8-Select Venders - Remove the door harness terminal from the common of select switch #7.
 - C. On 10-Select Vender - Remove the door harness terminal from the common of select switch #9.
21.
 - A. On 6-Select Venders - Plug wire #8 of the conversion harness on the common of select switch #5.
 - B. On 7 & 8 Select Venders - Plug wire #8 of the conversion harness on the common of select switch #7.
 - C. On 9 & 10 Select Venders - Plug wire #8 of the conversion harness on the common of select switch #9.
22. The door harness terminal removed in step 20 is wire C25 or T25. Plug wire C25 or T25 in the female insulator of wire "A" of the conversion kit.

A

23. On venders that have a sequence relay for columns 1 and 2, remove wire #156 from the normally closed (NC) position of the 1 and 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.
24. Use the plastic ties (901,901,060.01) to tie the conversion harness to the existing door harness.
25. Set the price switches in the changer following the changer manufacturer's instructions.
 - A. 1st price line will give you price for selections 1, 2, and 3.
 - B. 2nd price line will give you price for selection 4.
 - C. On 6-Select Venders - 3rd price line will give you price for selection 6.
On 7 & 8 Select Venders - 3rd price line will give you price for selections 6 and 8.
On 9 & 10 Select Venders - 3rd price line will give you price for selections 6, 8, and 10.
 - D. On 6-Select Venders - 4th price line will give you price for selection 5.
On 7 & 8 Select Venders - 4th price line will give you price for selections 5 and 7.
On 9 & 10 Select Venders - 4th price line will give you price for selections 5, 7, and 9.
26. 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 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 2656-3161AO to 2705-3161AO which are Series 90 venders.

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

ORDER:	432,011,800.14 (Landscape)	Two/Four Price Kit
Kit Contents:	1 - 804,905,010.01	Two/Four Price Conversion Harness
	1 - 903,828,820.11	Price Label Card
	5 - 901,901,060.01	Plastic Wire Tie

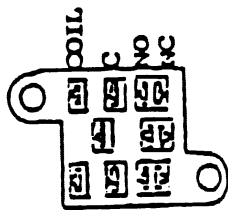
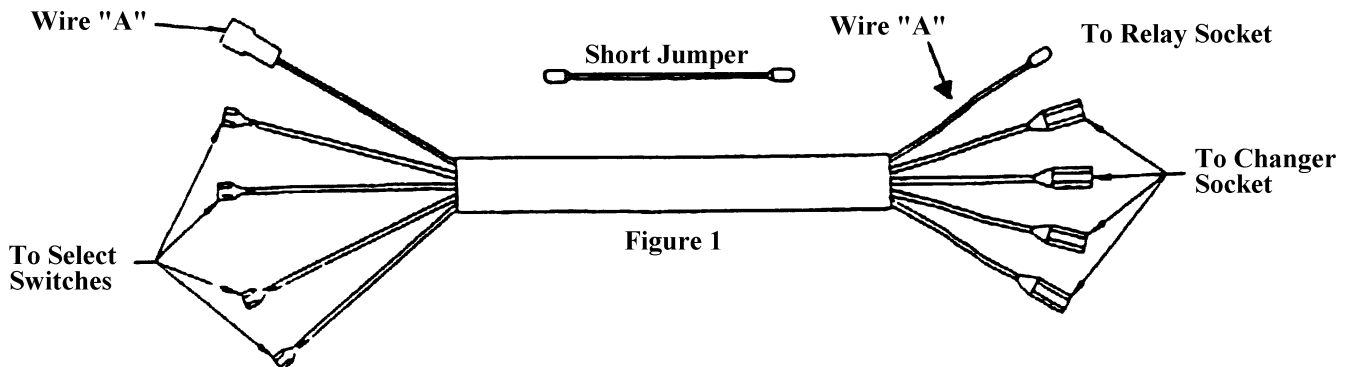


Figure 2

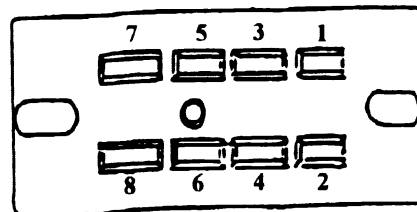


Figure 3

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 3.
3. Tape the wire end removed in step 2 with electrical tape.
4. Remove the terminal from location 7 of the changer socket (See figure 3 above) using the removal instructions on page 3.

B

5. Tape the wire end removed in step 4 with electrical tape.
6. Insert wire #3 of the conversion harness in changer socket location 3. (See figure 3, page B1.)
7. Insert wire #4 of the conversion harness in changer socket location 4. (See figure 3, page B1.)
8. Insert wire #7 of the conversion harness in changer socket location 7. (See figure 3, page B1.)
9. Insert wire #8 of the conversion harness in changer socket location 8. (See figure 3, page B1.)
10. Unplug the vend relay and store.
11. 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.)
12. 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. (The jumper wire should now be plugged into wire #4 and wire #10.)
13. Run the conversion harness loosely along the existing door harness toward the select panel.
14. Remove the select switch housing from select switch #3.
15. Remove the wire terminal from the common position of the housing.
16. Tape the wire end removed in step 15 with electrical tape.
17. Insert wire #3 of the conversion harness in its place.
18. Plug the select switch housing on select switch #3.
19.
 - A. On 6, 7, & 8 Select Venders - Remove the select switch housing from selection #4.
 - B. On 9 & 10 Select Venders - Remove the select switch housing from select switch #5.
20. Remove the wire terminal from the common position of the housing.
21. Tape the wire end removed in step 20 with electrical tape.
22. Insert wire #4 of the conversion harness on in its place.
23. Plug the select switch housing on the select switch it was removed from in step 19.

B

24.
 - A. On 6-Select Venders - Remove the select switch housing from select switch #5.
 - B. On 7 & 8 Select Venders - Remove the select switch housing from select switch #6.
 - C. On 9 & 10 Select Venders - Remove the select switch housing from select switch #7.
25. Remove the wire terminal from the common position of the housing.
26. Tape the wire end removed in step 24 with electrical tape.
27. Insert wire #7 of the conversion harness on in its place.
28. Plug the select switch housing on the select switch it was removed from in step 24.
29.
 - A. On 6-Select Venders - Remove the select switch housing from select switch #6.
 - B. On 8 Select Venders - Remove the select switch housing from select switch #8.
 - C. On 7 Select Venders - Remove the select switch housing from select switch #7.
 - D. On 10 Select Venders - Remove the select switch housing from select switch #10.
 - E. On 9 Select Venders - Remove the select switch housing from select switch #9.
30. Remove the wire terminal from the common position of the housing.
31. Tape the wire end removed in step 28 with electrical tape.
32. Insert wire #8 of the conversion harness on in its place.
33. Plug the select switch housing on the select switch it was removed from in step 29.
34. The door harness removed in step 29 is wire C25 or T25. Plug wire C25 or T25 in the female insulator of wire "A" of the conversion kit.
35. Use the plastic ties (901,901,060.01) to tie the conversion harness to the existing door harness.
36. On Coca-Cola venders that have a sequence relay for columns 1 and 2, remove wire #156 from the normally closed (NC) position of the 1 and 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.

B

37. Set the price switch in the changer following the changer manufacturer's instructions.
- A. 1st price line will give you price for selections 1, 2, and 3.
 - B. On 6, 7, & 8 Select Venders - 2nd price line will give you price for selection 4.
On 9 & 10 Select Venders - 2nd price line will give you price for selection 4 & 5.
 - C. On 6 Select Venders - 3rd price line will give you price for selection 5.
On 7 & 8 Select Venders - 3rd price line will give you price for selections 5 and 6.
On 9 & 10 Select Venders - 3rd price line will give you price for selections 6 & 7.
 - D. On 6 Select Venders - 4th price line will give you price for selection 6.
On 7 & 8 Select Venders - 4th price line will give you price for selections 7 & 8.
On 9 & 10 Select Venders - 4th price line will give you price for selections 8, 9, & 10.
38. 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 6, 8, AND 10 SELECT VENDERS

SERIAL NUMBER BREAK: For DNCB Pepsi-Cola Magnum and Magnum Circular 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.

IMPORTANT: Any vender built after 0001-3162AO with the two/four 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/Four Price Kit
Kit Contents: 1 - 804,905,020.01 Two/Four Price Conversion Harness
1 - 903,828,820.11 Price Label Cards
5 - 901,901,060.01 Plastic Wire Tie

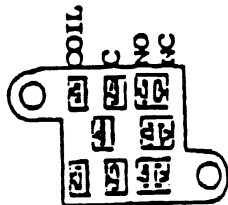
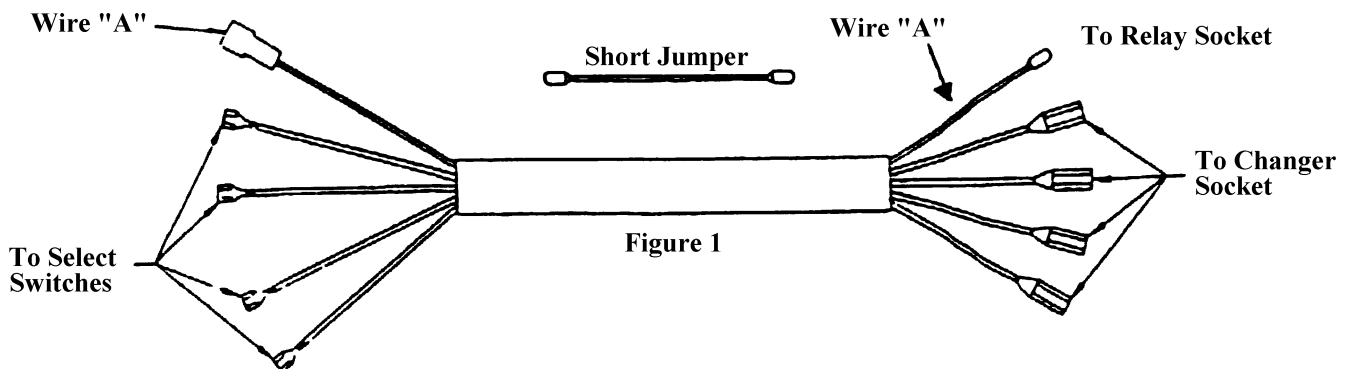


Figure 2

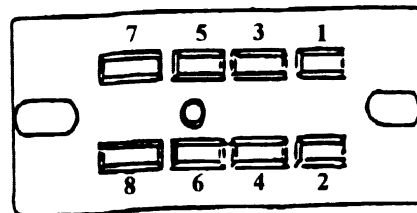


Figure 3

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 3.
3. Tape the wire end removed in step 2 with electrical tape.

C

4. Remove terminal from location 7 of changer socket (See figure 3, page C1) using the removal instructions on page 3.
5. Tape the wire end of the wire removed in step 4 with electrical tape.
6. Insert wire #3 of the conversion harness in changer socket location 3. (See figure 3, page C1.)
7. Insert wire #4 of the conversion harness in changer socket location 4. (See figure 3, page C1.)
8. Insert wire #7 of the conversion harness in changer socket location 7. (See figure 3, page C1.)
9. Insert wire #8 of the conversion harness in changer socket location 8. (See figure 3, page C1.)
10. Unplug the vend relay and store.
11. 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.)
12. 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. (The jumper wire should now be plugged in to wire #4 and wire #10.)
13. Run the conversion harness loosely along the existing door harness toward the select panel.
14. Remove the door harness terminal from the common of the select switch #3.
15. Plug wire #3 of the conversion harness on in its place.
16.
 - A. On 6 & 8 Select Venders - Remove the door harness terminal from the common of select switch #4.
 - B. On 10 Select Venders - Remove the door harness terminal from the common of select switch #5.
17.
 - A. On 6 & 8 Select Venders - Plug wire #4 of the conversion harness on the common of select switch #4.
 - B. On 10 Select Venders - Plug wire #4 of the conversion harness on the common of select switch #5.
18.
 - A. On 6 Select Venders - Remove the door harness terminal from the common of select switch #5.
 - B. On 8 Select Venders - Remove the door harness terminal from the common of select switch #6.
 - C. On 10 Select Venders - Remove the door harness terminal from the common of select switch #7.
19.
 - A. On 6 Select Venders - Plug wire #7 of the conversion harness on the common of select switch #5.
 - B. On 8 Select Venders - Plug wire #7 of the conversion harness on the common of select switch #6.
 - C. On 10 Select Venders - Plug wire #7 of the conversion harness on the common select switch #7.

C

20.
 - A. On 6 Select Venders - Remove the door harness terminal from the common of select switch #6.
 - B. On 8 Select Venders - Remove the door harness terminal from the common of select switch #8.
 - C. On 10 Select Venders - Remove the door harness terminal from the common of select switch #10.

21.
 - A. On 6 Select Venders - Plug wire #8 of the conversion harness on the common of select switch #6.
 - B. On 8 Select Venders - Plug wire #8 of the conversion harness on the common of select switch #8.
 - C. On 10 Select Venders - Plug wire #8 of the conversion harness on the common of select switch #10.

22. The door harness terminal removed in step 20 is wire C25 or T25. Plug wire C25 or T25 in the female insulator of wire "A" of the conversion kit.

23. Use the plastic ties (901,901,060.01) to tie the conversion harness to the existing door harness.

24. Set the price switches in the changer following the changer manufacturer's instructions.
 - A. 1st price line will give you price for selections 1, 2, and 3.
 - B. On 6 & 8 Select Venders - 2nd price line will give you price for selection 4.
On 10 Select Venders - 2nd price line will give you price for selections 4 & 5.
 - C. On 6 Select Venders - 3rd price line will give you price for selection 5.
On 8 Select Venders - 3rd price line will give you price for selections 5 & 6.
On 10 Select Venders - 3rd price line will give you price for selections 6 & 7.
 - D. On 6 Select Venders - 4th price line will give you price for selection 6.
On 8 Select Venders - 4th price line will give you price for selections 7 & 8.
On 10 Select Venders - 4th price line will give you price for selections 8, 9, and 10.

25. 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.

D

DNCB GENERIC 5 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.

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

ORDER:	469,010,200.04 (Generic 5 Select)	Two/Four Price Kit
Kit Contents:	1 - 804,905,020.01	Two/Four Price Conversion Harness
	1 - 903,828,820.11	Price Label Card
	5 - 901,901,060.01	Plastic Wire Tie

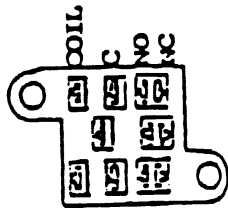
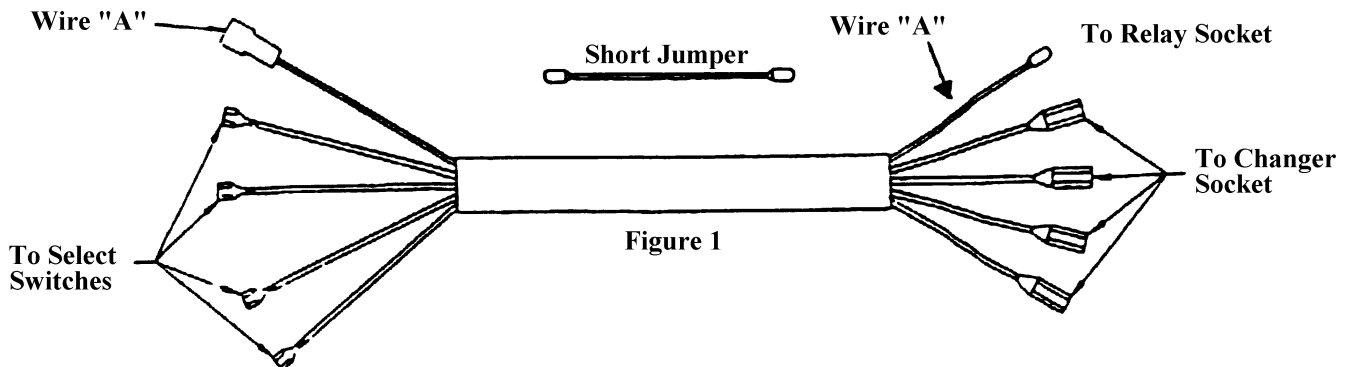


Figure 2

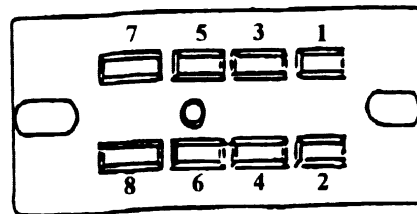


Figure 3

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 3.
3. Tape the wire end removed in step 2 with electrical tape.
4. Remove the terminal from location 7 of the changer socket (See figure 3 above) using the removal instructions on page 3.

D

5. Tape the wire end removed in step 4 with electrical tape.
6. Insert wire #3 of the conversion harness in changer socket location 3. (See figure 3, page D1.)
7. Insert wire #4 of the conversion harness in changer socket location 4. (See figure 3, page D1.)
8. Insert wire #7 of the conversion harness in changer socket location 7. (See figure 3, page D1.)
9. Insert wire #8 of the conversion harness in changer socket location 8. (See figure 3, page D1.)
10. Unplug the vend relay and store.
11. 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.)
12. 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. (The jumper wire should now be plugged into wire #4 and wire #10.)
13. Run the conversion harness loosely along the existing door harness toward the select panel.
14. Remove the door harness terminal from the common of select switch #1.
15. Plug wire #3 of the conversion harness on in its place.
16. Remove the door harness terminal from the common of select switch #2.
17. Plug wire #4 of the conversion harness on in its place.
18. Remove the door harness terminal from the common of select switch #3.
19. Plug wire #7 of the conversion harness on in its place.
20. Remove the door harness terminal from the common of select switch #4.
21. Locate the wire removed from the common side of select switch #3 in step 18.
22. Run this wire to the common side of select switch #4.
23. Remove the door harness terminal from the common of select switch #5.
24. Plug wire #8 of the conversion harness on in its place.
25. The door harness terminal removed in step 23 is wire C25 or T25. Plug wire C25 or T25 in the female insulator of wire "A" of the conversion kit.

D

26. Use the plastic ties (901,901,060.01) to tie the conversion harness to the existing door harness.
27. Set the price switches in the changer following the changer manufacturer's instructions.
 - A. 1st price line will give you price for selection 1.
 - B. 2nd price line will give you price for selection 2.
 - C. 3rd price line will give you price for selection 3.
 - D. 4th price line will give you price for selections 4 & 5.
28. 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.

E

DNCB COCA-COLA LANDSCAPE, 7UP B7 AND DR. PEPPER D3 5 SELECT VENDERS

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

IMPORTANT: Any vender built after 0001-3162AO with the two/four 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 5 Select)	Two/Four Price Kit
Kit Contents:	1 - 804,905,010.01	Two/Four Price Conversion Harness
	1 - 903,828,820.11	Price Label Card
	5 - 901,901,060.01	Plastic Wire Tie

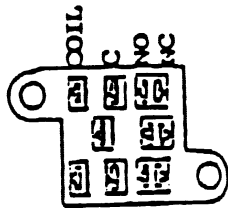
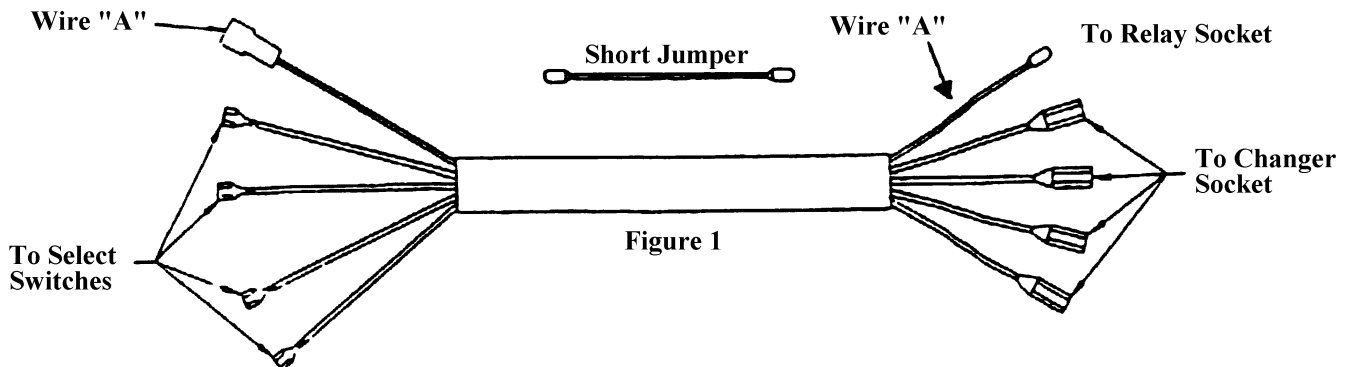


Figure 2

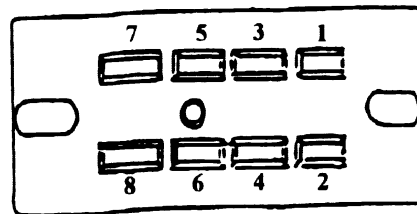


Figure 3

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 3.
3. Tape the wire end removed in step 2 with electrical tape.
4. Remove the terminal from location 7 of the changer socket using the removal instructions on page 3. (See figure 3 above.)

E

5. Tape the wire end removed in step 4 with electrical tape.
6. Insert wire #3 of the conversion harness in changer socket location 3. (See figure 3, page E1.)
7. Insert wire #4 of the conversion harness in changer socket location 4. (See figure 3, page E1.)
8. Insert wire #7 of the conversion harness in changer socket location 7. (See figure 3, page E1.)
9. Insert wire #8 of the conversion harness in changer socket location 8. (See figure 3, page E1.)
10. Unplug the vend relay and store.
11. 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.)
12. 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. (The jumper wire should now be plugged in to wire #4 and wire #10.)
13. Run the conversion harness loosely along the existing door harness toward the select panel.
14. Remove the select switch housing from select switch #1.
15. Remove the wire terminal from the common position of the housing.
16. Tape the wire end removed in step 15 with electrical tape.
17. Insert wire #3 of the conversion harness in its place.
18. Plug the select switch housing on select switch #1.
19. Remove the select switch housing from selection #2.
20. Remove the wire terminal from the common position of the housing.
21. Tape the wire end removed in step 20 with electrical tape.
22. Insert wire #4 of the conversion harness on in its place.
23. Plug the select switch housing on select switch #2.
24. Remove the select switch housing from select switch #3.
25. Remove the wire terminal from the common position of the housing.

E

26. Tape the wire end removed in step 24 with electrical tape.
27. Insert wire #7 of the conversion harness on in its place.
28. Plug the select switch housing on select switch #3.
29. Remove the select switch housing from select switch #5.
30. Remove the wire terminal from the common position of the housing.
31. Tape the wire end removed in step 28 with electrical tape.
32. Insert wire #8 of the conversion harness on in its place.
33. Plug the select switch housing on select switch #5.
34. The door harness terminal removed in step 29 is wire C25 or T25. Plug wire C25 or T25 in the female insulator of wire "A" of the conversion kit.
35. Use the plastic ties (901,901,060.01) to tie the conversion harness to the existing door harness.
36. Set the price switches in the changer following the changer manufacturers instructions.
 - A. 1st price line will give you price for selection 1.
 - B. 2nd price line will give you price for selection 2.
 - C. 3rd price line will give you price for selection 3.
 - D. 4th price line will give you price for selections 4 and 5.
37. 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.

F

DNCB PEPSI-COLA MAGNUM 5 SELECT VENDERS

SERIAL NUMBER BREAK: For DNCB Pepsi-Cola Magnum and Magnum Circular 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.

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

ORDER:	267,010,800.14 (Magnum 5 Select)	Two/Four Price Kit
Kit Contents:	1 - 804,905,020.01	Two/Four Price Conversion Harness
	1 - 903,828,820.11	Price Label Cards
	5 - 901,901,060.01	Plastic Wire Ties

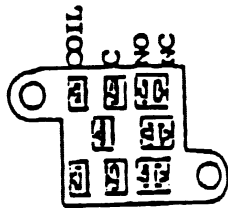
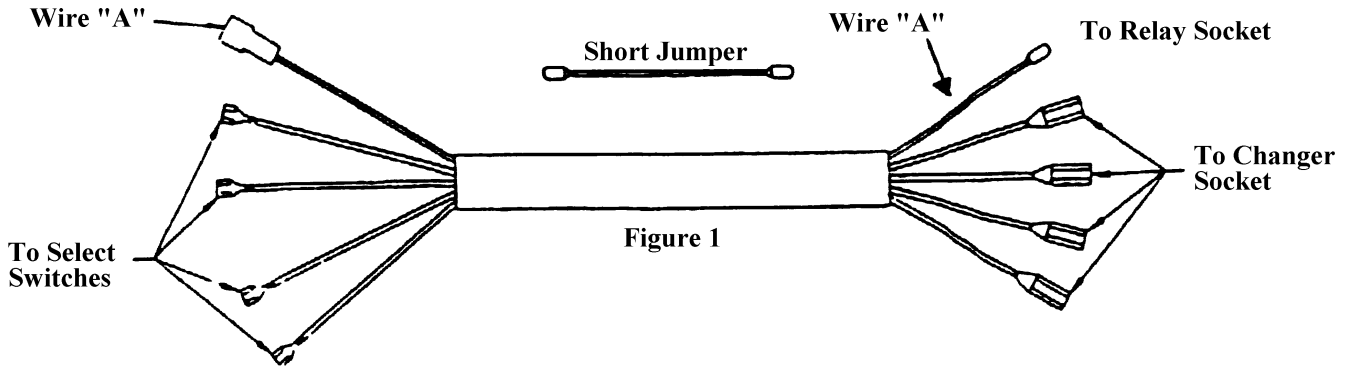


Figure 2

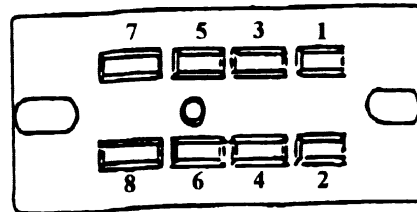


Figure 3

TO INSTALL:

1. Unplug the vender.
2. Remove the terminal from location 3 of changer socket (See figure 3 above) using the removal instructions on page 3.
3. Tape the wire end removed in step 2 with electrical tape.
4. Remove terminal from location 7 of changer socket (See figure 3, above) using the removal instructions on page 3.

F

5. Tape the wire end of the wire removed in step 4 with electrical tape.
6. Insert wire #3 of the conversion harness in changer socket location 3. (See figure 3, page F1.)
7. Insert wire #4 of the conversion harness in changer socket location 4. (See figure 3, page F1.)
8. Insert wire #7 of the conversion harness in changer socket location 7. (See figure 3, page F1.)
9. Insert wire #8 of the conversion harness in changer socket location 8. (See figure 3, page F1.)
10. Unplug the vend relay and store.
11. 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.)
12. 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. (The jumper wire should now be plugged in to wire #4 and wire #10.)
13. Run the conversion harness loosely along the existing door harness toward the select panel.
14. Remove the door harness terminal from the common of select switch #1.
15. Plug wire #3 of the conversion harness on common of select switch #1.
16. Remove the door harness terminal from the common of select switch #2.
17. Plug wire #4 of the conversion harness on the common of select switch #2.
18. Remove the door harness terminal from the common of select switch #3.
19. Plug wire #7 of the conversion harness on the common of select switch #3.
20. Remove the door harness terminal from the common of select switch #5.
21. Plug wire #8 of the conversion harness on the common of select switch #5.
22. The door harness terminal removed in step 20 is wire C25 or T25. Plug wire C25 or T25 in the female insulator of wire "A" of the conversion kit.
23. Use the plastic ties (901,901,060.01) to tie the conversion harness to the existing door harness.

F

24. Set the price switches in the changer following the changer manufacturers instructions.
- A. 1st price line will give you price for selection 1.
 - B. 2nd price line will give you price for selection 2.
 - C. 3rd price line will give you price for selection 3.
 - D. 4th price line will give you price for selections 4 and 5.
25. 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.

G
DNCB COCA-COLA LANDSCAPE
COUNTER HARNESS INSTALLATION WITH 2/4 PRICE KIT

SERIAL NUMBER BREAK: For Coca-Cola Landscape Venders Serialized 0001-2949DK to 0001-3162AO. Also includes production runs 3164AO, 3166AO and 3167AO. Exception: 1954-3161AO to 2003-3161AO and 2656-3161AO to 2705-3161AO are Series 90 venders and do not use kit.

ORDER:	491,012,900.04	5, 6, 8 & 10 Column 2/4 Price Counter Kit
Kit Contents:	1 - 804,906,890.01	2/4 Price Counter Harness
	1 - 432,012,100.04	Counter Kit
	5 - 901,901,000.01	Wire Tie
	1 - 804,907,400.01	Counter, Jumper Wire 85" Long (not used)

TO INSTALL:

1. Unplug the vender.
2. Lay out the harness provided in the kit (See Figure 7, Page 3). Important: the harness is universal and fits all 5, 6, 8 & 10 column venders.
3. Note that the harness has "faston receptacles" (See Figure 3, Page 3) on the wire ends.
4. Remove the by-pass switch receptacle terminal from the number one motor.
5. Refer to Figure 10 on page 3. The letters shown are not on the harness but represent the faston receptacles. Insert the lead "B" into the empty receptacle terminal of the by-pass switch on the number one motor (far right motor). (See Figure 2, Page 3.)
6. Repeat steps 4 and 5 moving right to left from one vend motor assembly to the next until all the by-pass switches have the harness added to them.
7. After installing the last terminal on the last switch, if there are any extra terminals cut the harness about one inch from the last terminal that was used. (See Figure 4, Page 3.)
8. Tape the harness with electrical tape where it was cut.
9. Run the long end of the harness (terminal "A" is on its end) right to left along the main harness to the nine way or fifteen way plug/cap at the bottom of the main door.
10. Locate the number eight empty hole position in the nine way or fifteen way plug/cap. (See Figure 6, Page 3.)

G

11. Insert the harness terminal in the nine way or fifteen way plug/cap opposite wire #163.
12. Use the wire ties provided to tie the wire to the main wiring harness.
13. Install the counter.
14. Insert the counter plug in the two way cap of the door harness.
15. Plug in the vender and test for proper operation.

H

DNCB PEPSI-COLA, 7-UP B7, DR PEPPER D3 AND GENERIC VENDERS COUNTER HARNESS INSTALLATION WITH 2/4 PRICE KIT

SERIAL NUMBER BREAK: For Venders Serialized 0001-2979DK to 0001-3162AO. Also includes production runs 3164AO, 3166AO and 3167AO. Exception: 1954-3161AO to 2003-3161AO and 2656-3161AO to 2705-3161AO are Series 90 venders and do not use kit.

ORDER:	491,012,900.04	5, 6, 8 & 10 Column 2/4 Price Counter Kit
Kit Contents:	1 - 804,906,890.01	2/4 Price Counter Harness
	1 - 432,012,100.04	Counter Kit
	5 - 901,901,000.01	Wire Tie
	1 - 804,907,400.01	Counter, Jumper Wire 85" Long

TO INSTALL:

1. Unplug the vender.
2. Lay out the harness provided in the kit (See Figure 7, Page 3). Important: The harness is universal and fits all 5, 6, 8 & 10 column venders.
3. Note that the harness has "faston receptacles" (See Figure 3, Page 3) on the wire ends.
4. Remove the by-pass switch receptacle terminal from the number one motor.
5. Refer to Figure 10 on page 3. The letters shown are not on the harness but represent the faston receptacles. Insert the lead "B" into the empty receptacle terminal of the by-pass switch on the number one motor (far right motor). (See Figure 2, Page 3.)
6. Repeat steps 4 and 5 moving right to left from one vend motor assembly to the next until all the by-pass switches have the harness added to them.
7. After installing the last terminal on the last switch, if there are any extra terminals cut the harness about one inch from the last terminal that was used. (See Figure 4, Page 3.)
8. Tape the harness with electrical tape where it was cut.
9. Run the long end of the harness (terminal "A" is on its end) right to left along the main harness to the nine way or fifteen way plug/cap at the bottom of the main door.
10. Locate the empty hole position in the nine way or fifteen way plug/cap. (See Figure 6, Page 3.)

H

11. Insert the harness terminal "A" in the nine way or fifteen way plug/cap.
12. Locate wire (804,907,400.01) in the 2/4 price counter harness.
13. Insert the pin end of wire (804,907,400.01) in the nine way or fifteen way plug/cap opposite wire "A" installed in step 11.
14. Locate wire "CT" in the two way cap in the select panel area.
15. Remove wire "CT" from the two way cap, using the removal instructions on page 3, figure 5.
16. Tape the "CT" wire end with electrical tape.
17. Insert the socket end of wire (804,907,400.01) provided in the kit in the two way cap in the position wire "CT" was removed.
18. Use the wire ties provided to tie the wire to the main wiring harness.
19. Install the counter.
20. Insert the counter plug in the two way cap of the door harness.
21. Plug in the vender and test for proper operation.

I

ALL DNCB VENDERS WITH COUNTER WIRES IN 9 OR 15 WAY PLUG COUNTER HARNESS INSTALLATION WITH 2/4 PRICE KIT

SERIAL NUMBER BREAK: For Venders serialized prior to 0001-3162AO. Also includes production runs 3164AO, 3166AO and 3167AO.

Exception: 1954-3161AO to 2003-3161AO and 2656-3161AO to 2705-3161AO are Series 90 venders and do not use kit.

ORDER:	491,012,900.04	5, 6, 8 & 10 Column 2/4 Price Counter Kit
Kit Contents:	1 - 804,906,890.01	2/4 Price Counter Harness
	1 - 432,012,100.04	Counter Kit
	5 - 901,901,000.01	Wire Tie
	1 - 804,907,400.01	Counter, Jumper Wire 85" Long (not used)

TO INSTALL:

1. Unplug the vender.
2. Lay out the harness provided in the kit (See Figure 7, Page 3). Important: the harness is universal and fits all 5, 6, 8 & 10 column venders.
3. Note that the harness has "faston receptacles" (See Figure 3, Page 3) on the wire ends.
4. Remove the by-pass switch receptacle terminal from the number one motor.
5. Refer to Figure 10 on page 3. The letters shown are not on the harness but represent the faston receptacles. Insert the lead "B" into the empty receptacle terminal of the by-pass switch on the number one motor (far right motor). (See Figure 2, Page 3.)
6. Repeat steps 4 and 5 moving right to left from one vend motor assembly to the next until all the by-pass switches have the harness added to them.
7. After installing the last terminal on the last switch, if there are any extra terminals cut the harness about one inch from the last terminal that was used. (See Figure 4, Page 3.)
8. Tape the harness with electrical tape where it was cut.
9. Run the long end of the harness (terminal "A" is on its end) right to left along the main harness to the nine way or fifteen way plug/cap at the bottom of the main door.
10. Locate wire "CT" in the nine way plug/cap.

I

11. Remove wire "CT" from the nine way plug using removal instructions on page 3, figure 5.
12. Tape the "CT" wire end with electrical tape.
13. Insert wire "A" of the 2/4 price counter harness in the position wire "CT" was removed.
14. Insert two counter leads of the counter jumper provided in the counter kit into positions eight and nine of the nine way plug/cap. (See Figure 2, Page 3.) Note: One counter lead will be opposite wire #67 and the other opposite wire "A".
15. Use the wire ties provided to tie the wire to the main wiring harness.
16. Install the counter.
17. Insert the counter plug in the two way cap of the counter jumper.
18. Plug in the vender and test for proper operation.