

# INSTRUCTIONS FOR INSTALLING A CONTROL BOX ASSEMBLY REPLACEMENT KIT IN A NATIONAL VENDORS<sup>®</sup>, CROWN SEVENTY TWO<sup>®</sup>, SC-141 SPIRAL SNACK VENDOR

These instructions cover the procedure for replacing a Control Box Assembly in a Crown Seventy Two SC-141 Spiral Snack Vendor.

Read these instructions thoroughly and carefully before installing the Kit. Retain these instructions for part number and installation information.

### NOTE

*These instructions apply to 8 different Kits. Check the Parts List for the particular Control Box Assembly being installed to ensure all parts are present.*

Kit, Part Number 141-1153, contains the following parts:

Part Number	Description	Quantity
141-1145	20 Selection Control Box Assembly	1
141-1154	Installation Instructions * * *	1

Kit, Part Number 141-1155, contains the following parts:

Part Number	Description	Quantity
141-1146	20 Selection, 10 price Control Box Assembly	1
141-1154	Installation Instructions * * *	1

Kit, Part Number 141-1156, contains the following parts:

Part Number	Description	Quantity
141-1147	24 Selection Control Box Assembly	1
141-1154	Installation Instructions * * *	1

Kit, Part Number 141-1157, contains the following parts:

Part Number	Description	Quantity
141-1148	24 Selection, 10 price Control Box Assembly	1
141-1154	Installation Instructions * * *	1

Kit, Part Number 141-1158, contains the following parts:

Part Number	Description	Quantity
141-1149	27 Selection Control Box Assembly	1
141-1154	Installation Instructions * * *	1

Kit, Part Number 141-1159, contains the following parts:

Part Number	Description	Quantity
141-1150	27 Selection, 10 price Control Box Assembly	1
141-1154	Installation Instructions * * *	1

Kit, Part Number 141-1160, contains the following parts:

Part Number	Description	Quantity
141-1151	30 Selection Control Box	1
141-1154	Installation Instructions * * *	1

Kit, Part Number 141-1161, contains the following parts:

Part Number	Description	Quantity
141-1152	30 Selection, 10 price Control Box Assembly	1
141-1154	Installation Instructions * * *	1

## I. TO INSTALL THE KIT

### A. Parts Removal

1. Unplug the Merchandiser's Service Cord from the Wall Receptacle.
2. Unlock and open the Cabinet Door.
3. Removal Of The Trays.
  - a. Grasp the Tray with both hands and pull the Tray up and out to the "full open" position.
  - b. Support the Tray from below.
  - c. Remove the Tray by pulling upward and outward.
4. Removal Of The Coin Handling Unit.
  - a. Slide the Coin Handling Unit outward to its fully extended position.
  - b. Remove the 2 Wire Clamps that secure the Coin Handling Unit Harness to the Coin Handling Unit Slide Mount Assembly.
  - c. Unplug the 3 Harness Connectors from the Coin Handling Unit.

- d. Remove the Coin Handling Unit Slide Mount Slide Stop from the Merchandiser's Right Inside Wall and slide the Coin Handling Unit Slide Mount Assembly from the Slide Mount Tracks.
5. Unplug the Vent Van Harness from the Fan and push it through the opening in the Right Inside Wall. See Figure 1.
6. Disconnect each of the Quick Disconnect plugs from the Contact Plates located on the Merchandiser's Rear Wall.

**CAUTION**

Carefully label each connection of each Contact Plate to insure proper installation of the replacement Harness. National Vendors suggests making a diagram of each Contact Plate depicting the color wires connected to each contact.

7. Remove each Contact Plate Harness from the Brackets securing them to the Rear Wall, and thread the Harnesses through the openings in the Right Inside Wall.
8. Remove the 2 Wire Clamps securing the Gum and Mint Unit Harnesses to the Right Inside Wall and unplug the connector at that position.
9. Removal Of The Right Inside Wall.
  - a. Remove the 4 screws that secure the Upper Side Wall Spacer to both the Left and Right Inside Walls.
  - b. Remove the 4 Nuts that secure the Right Inside Wall to the Merchandiser's Rear Wall.
  - c. Remove the 3 screws that secure the wall to the Merchandiser's Center Pan.
  - d. Remove the 5 screws that secure the Wall to the Merchandiser's Top Panel.
  - e. Lift the Wall from the Merchandiser.
10. Removal of the Control Box Assembly.
  - a. Thread the Cabinet Harness downward through the opening in the Merchandiser's Center Pan.
  - b. Disconnect the Sold Out Light Harness from the Control Box Assembly.
  - c. Disconnect the Cross-Over Harness from the Cabinet Harness.

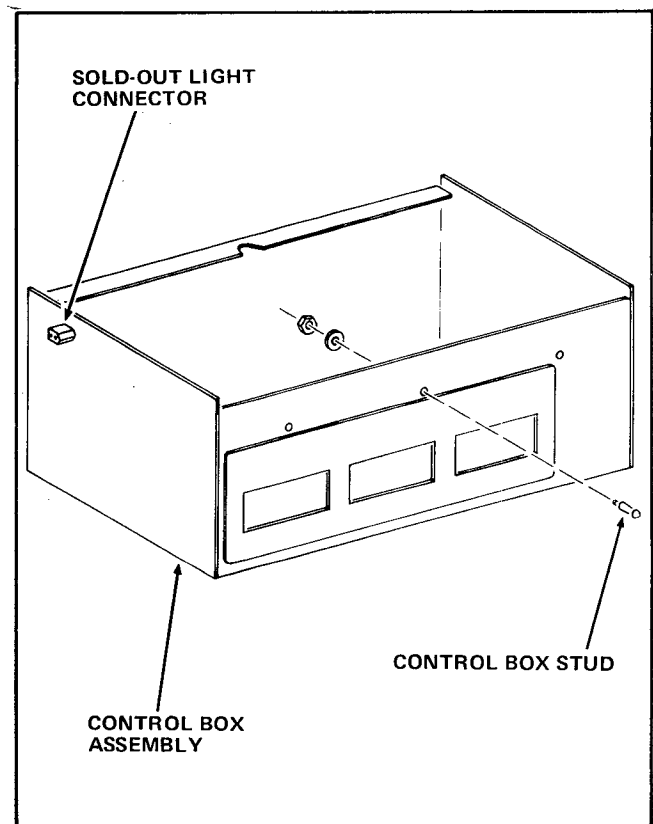
- e. Remove the 2 screws securing the Control Box to the Control Box Retaining Plate.
- f. Lift the Control Box Assembly from the Merchandiser.

**B. Installation Of the Replacement Control Box Assembly**

**NOTE**

*The replacement Control Box Assembly included in Kits 141-1153, 141-1155, 141-1156, 141-1157, 141-1158, 141-1159, 141-1160, and 141-1161 has been upgraded to include a metal Stud attached to its front panel by a Nut and Washer. If the defective Control Box does not have this Stud then it must be removed from the replacement Control Box prior to installation. See Figure 2.*

1. Reverse Steps A3 through A10.
2. Reset the Vend Prices on the replacement Control Box.
3. Reverse Steps A1 through A2.
4. Test vend the Merchandiser.
5. The Merchandiser is ready for vending.



**FIGURE 2**

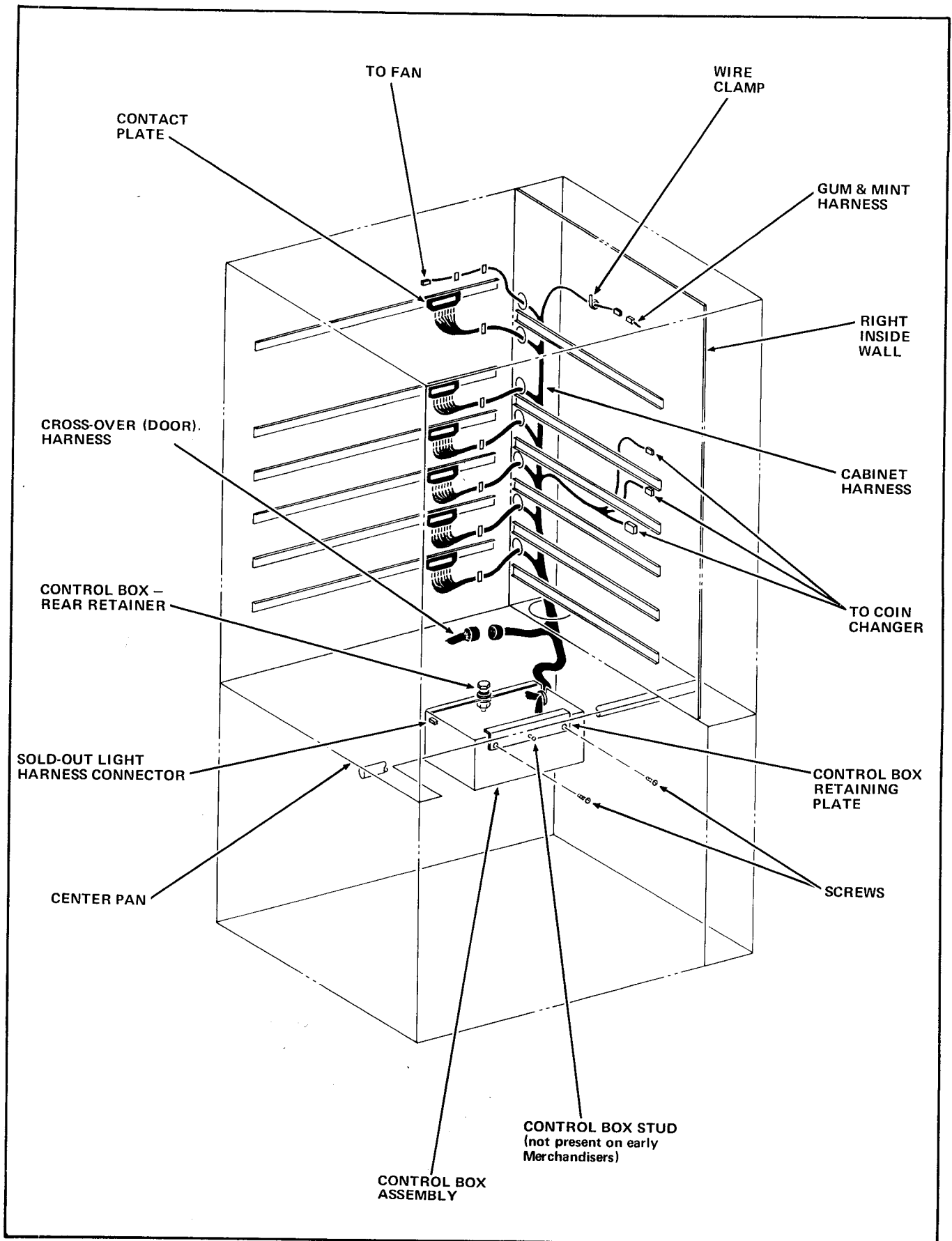


FIGURE 1