

**FOR PROPER INSTALLATION & SAFETY
PLEASE READ & FOLLOW
ALL STEP-BY-STEP INSTRUCTIONS!**

1. PARTS CHECKLIST

Find the service package envelope inside the **satellite vendor** on the second shelf near the hopper. Remove it and verify that it contains the following parts:

- Umbilical Cord
- Drop Sensor Cord
- Tie Bracket & Screws
- Drop Sensor Extension Harness

If so equipped, also verify that you have the optional **filler** (black rectangular shaped plastic) attached on the backside of the inner door. It might be needed if vending 16.9-oz water bottles.

2. TOOLS NEEDED

- Flat Head & Phillips Screwdrivers
- Wire Cutters (for wire ties)
- 11/32 Nut Driver

3. SATELLITE VENDOR LOCATION

Position the **satellite vendor** so that it is on the right side of the host vendor. See **Figure 1**. Swing the doors open and check for clearance.

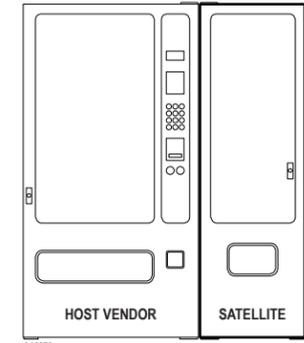


FIGURE 1. SATELLITE LOCATION

4A. DETERMINE DROP SENSOR HARNESS REQUIRED

Open the host vending machine door. Determine what type of **drop sensor cable** your machine requires. If the machine has an existing **Controller Drop Sensor harness** in the door as shown in **Figure 2A** then the **Drop Sensor Extension Harness** (P/N 4214956) is used. See **Figure 2A** and **2B**. If no harness is present then the **Drop Sensor Cable** (P/N 4215672) is used in place of **Control Drop Sensor Harness** and **Drop Sensor Extension Harness**. See **4C** and **Figure 3**.

4B. INSTALL DROP SENSOR HARNESS

Find the umbilical box located on the bottom right towards the back of the cabinet. See **Figure 2B**.

Plug the end with the panel mount connector of the **Drop Sensor Extension Harness** to the cutout hole. Attach with wire ties to the motor harness only and not to the power cable. See **Figure 2B**.

Route the harness through the large hole on the partition. Route the **Drop Sensor Extension Harness** alongside the existing door harness. See **Figure 2A**.

If the machine has existing door harness insert the panel mount connector into the panel and plug the other end of **Drop Sensor Extension Harness** into the door harness. See **Figure 2A**. Use wire ties provided to secure the new harness to the existing door harnesses. Use wire cutters to trim excess wire ties.

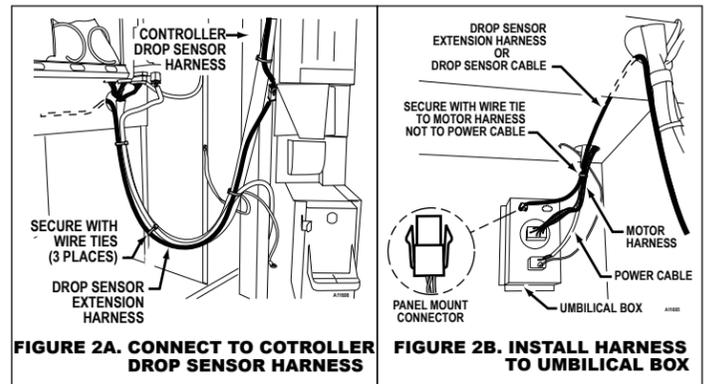


FIGURE 2A. CONNECT TO CONTROLLER DROP SENSOR HARNESS

FIGURE 2B. INSTALL HARNESS TO UMBILICAL BOX

SATELLITE VENDOR INSTALLATION INSTRUCTIONS

4C. INSTALL DROP SENSOR CABLE

If machine dose not have an existing harness:

Use **Drop Sensor Cable** (P/N 4215672).

Remove **Control Board Cover** by loosening two 11/32 nuts. Disconnect **I-Vend Harness** from the control board, and connect the **Drop Sensor Cable** in its place. Take the **I-Vend Harness** and connect it to the spare connector on the **Drop Sensor Cable**. (See **Figure 3**). Install panel mount connector as shown in **Figure 2B** and then reinstall **Control Board Cover**.

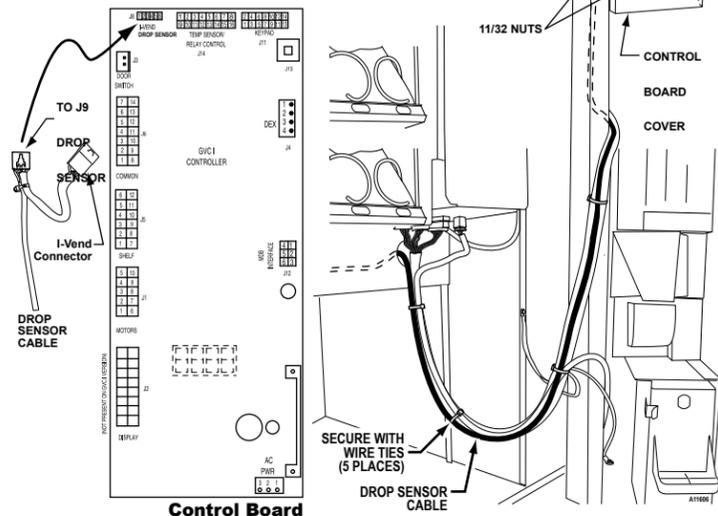


FIGURE 3. CONNECT TO CONTROLLER DROP SENSOR HARNESS

5. CONNECT UMBILICAL CORD & DROP SENSOR CORD

Go to the back of the host cabinet and loosen the four (4) screws holding the **umbilical cover**. Remove the **umbilical cover**. See **Figure 4**.

Locate the **umbilical cord** and **drop sensor cord** from inside the service pack envelope (shipped inside the **satellite vendor**). Plug both the **umbilical cord** and **drop sensor cord** from the host vendor to the **satellite vendor**. See **Figure 5**.

Reinstall the **umbilical cover** so that the cords are routed through the side of the cover.

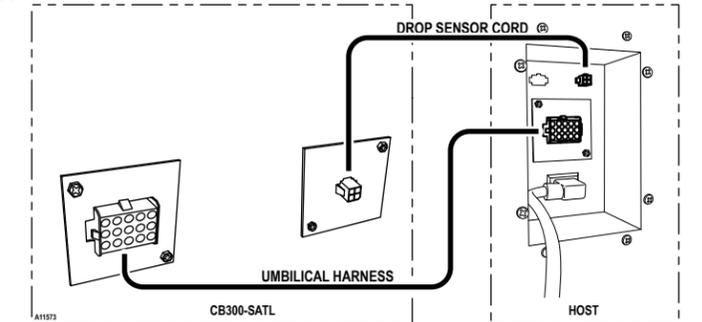


FIGURE 5. CONNECT SATELLITE TO HOST

6. POWER UP

Connect both the host vendor and the **satellite vendor** to their electrical power source. Refer to host vendor manual for grounding and electrical power requirements. Turn on the host vendor and the **satellite vendor**.

7. MOTOR COUNT

A motor count must be performed on the host vendor controller for it to recognize the motors on the **satellite vendor**.

Follow the instructions on the host service manual or at right. The total number or working motors should increase by 6.

STEP	DISPLAY
1 Press Service Mode Button [M].	40
2 Press [2].	Cnt
3 Press [2] and wait a few seconds.	46
3 Press [*] twice to exit.	0.00

8. PRODUCT DISPLAY

Make sure that the price and selection labels are set and installed correctly on the **product display**. Labels and product containers must face outward toward the customer and match the products being loaded.

Can/Bottle Model: Open the main door and unlatch the inner door. Slide the can or bottle into position. See **Figure 6**.

Can Drink Model: Open the main door and unlatch the inner door. Slide the can into position from the rear and secure in place with the strap. See **Figure 7**.

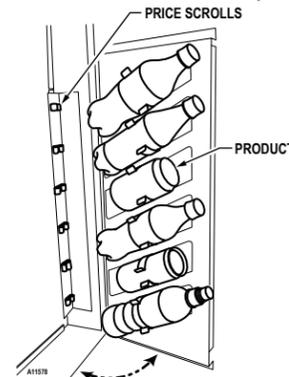


FIGURE 6. CAN/BOTTLE LIVE DISPLAY

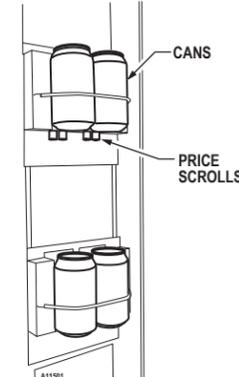


FIGURE 7. CAN DRINK LIVE DISPLAY

9. SET PRICES

Set prices for selections 80 through 85 in the same manner you would set prices for existing selections. Refer to the host vendor instruction on programming prices or follow instructions at right to set price by selection.

STEP	DISPLAY
1 Press Service Mode Button [M].	40
2 Press [5].	Prc
3 Press [1].	EACH
4 Press selection number on keypad.	
5 Enter new price of selection.	.75
6 To erase, press [*] then go to step 5.	
7 Press [#] to accept price.	--
8 Repeat steps 4 thru 7 for other selections.	
9 Press [*] twice to exit.	0.00

10. SET SATELLITE (ROW 8) TO CAN OR BOTTLE

When connecting the **satellite** to the host controller for the first time, row 8 must be set to can or bottle.

Note: The host controller is originally factory configured so that all selections are snack. Setting the entire row 8 to can or bottle ensures that satellite selections 80 thru 85 operate as a can or bottle and not a snack.

STEP	DISPLAY
1 Press Service Mode Button [M].	40
2 Press [4].	cbs
3 Press [2].	ro -
4 Press [8] to select row 8.	SnAc
Press [1] to toggle to bottle or can.	Can
5 Do not select SnAc.	
6 Press [#] to save.	ro -
7 Press [*] three times to exit.	0.00

Can (CA) - normally used with double-depth loading of cans to double the product capacity of that selection. During a vend, the product cradle stops rotating as soon as the drop sensor detects a vend. This is to prevent double vending.

Bottle (bott) - normally used with single-depth loading of bottles. This setting allows the product cradle to continue rotating a few more seconds so that it is positioned closer to the loading zone. This reduces the customer's waiting time when the product cradle is activated for the next vend.

11. SET SELECTIONS TO CAN OR BOTTLE

When row 8 has been configured to can or bottle in step 10, only then can each selection be set individually to vend can or bottle.

STEP	DISPLAY
1 Press Service Mode Button [M].	40
2 Press [4].	cbs
3 Press [1] and wait 2 seconds.	C b
4 Press selection number 80 on keypad.	Can
5 Press [1] to toggle bottle or can vendor. Note: CA = Can, bott = bottle	bott
6 Press [#] to save.	--
7 Repeat steps 4 thru 6 to set selections 81-85.	
8 Press [*] three times to exit.	0.00

12. LOAD PRODUCTS

Load products into the **satellite vendor**. See Loading Instructions on back of inner door. Continue with **step 12** after loading products.

13. TEST VEND

Close host vendor door and **satellite vendor** door. Test vend both vendors for proper operation. Use real money to simulate actual vend conditions.

14. INSTALL TIE BRACKET

WARNING: Failure to install the Tie Bracket in strict accordance with the following procedure may create an unintentional tipping or hazard. All installation and service work must be done by a qualified service technician.

Attach the **satellite vendor** to the host vendor as shown on **Figure 8**. Hook the furnished **tie bracket** over the lip of the **satellite vendor** and host vendor. Secure with screws provided.

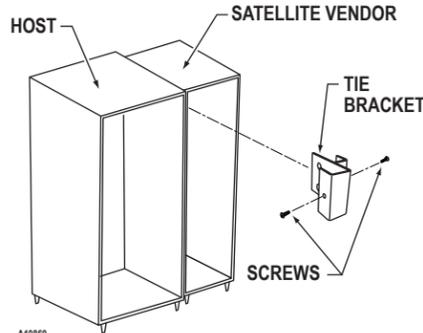


FIGURE 8. INSTALL TIE BRACKET

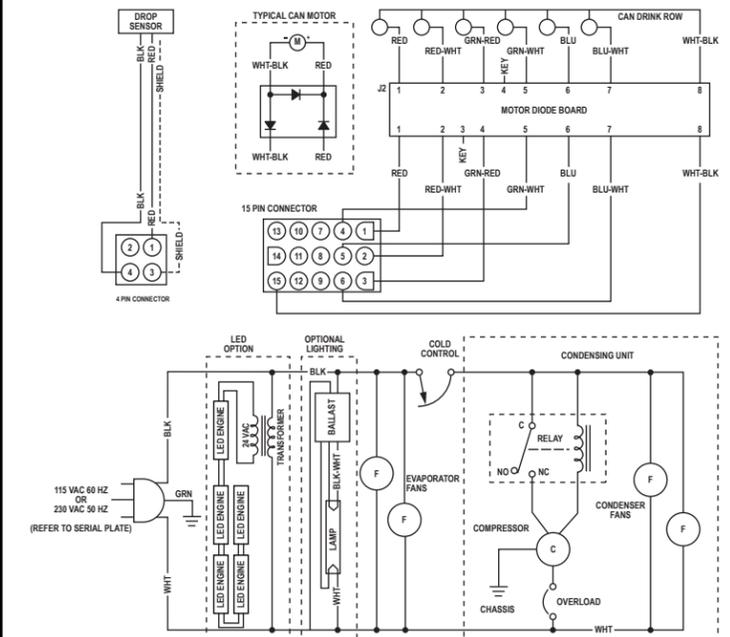


FIGURE 9. ELECTRICAL SCHEMATIC

