



## **VEL112NCKT**

CLEANLIFE® EzConnect™ LED  
National 670 Series Retrofit Kit



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## **This kit includes the following:**

### **1 x 12" Warm White LED Light Bar**

VE Part# VEL112AFW3W

OEM Model# CL-CTS24FW12H03J-12T

### **2 x 12" Daylight LED Light Bar**

VE Part# VEL112AFD3W

OEM Model# CL-CTS24FD12H03J-12T

### **2 x 24" Daylight LED Light Bar**

VE Part# VEL124AFD6W

OEM Model# CL-CTS24FD12H03J-24T

### **1 x 20W Power Supply with Connectors**

VE Part# VEL12024

OEM Model# LPV-20-24

### **1 x National Coffee Adapter Harness**

VE Part#VEL111NCAH

OEM Model#CL-EZNAAB-300

### **1 x 30" Extension Harness**

VE Part#VEL130H

### **1 x 18" Daylight LED Light Tube**

VE Part# VEL718ASD8W

OEM Model# CL-T9S08-36-56D-18

### **1 x Zip Tie & Wall Anchor Pack**

VE Part# VEL1A5LED

OEM Model# CL-A-5

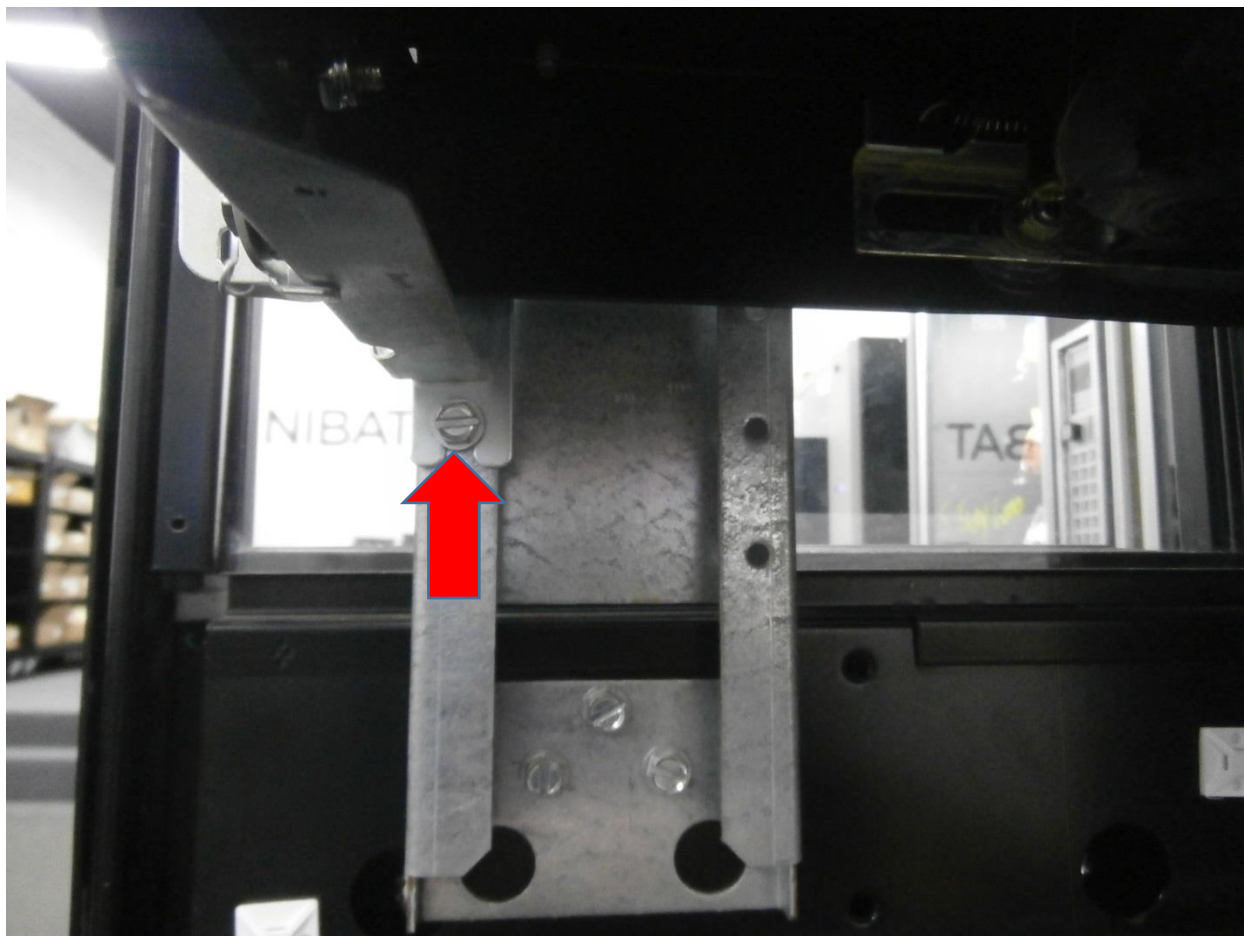


## **Installation Instructions for National 670 Series**

### **WARNING: Unplug machine before installing this kit!**

1. Loosen the 8 screws (4 in each) that hold the cup turrets on. It is not necessary to remove them. Then remove the turret strap from the door side. Lift the turrets off the door.

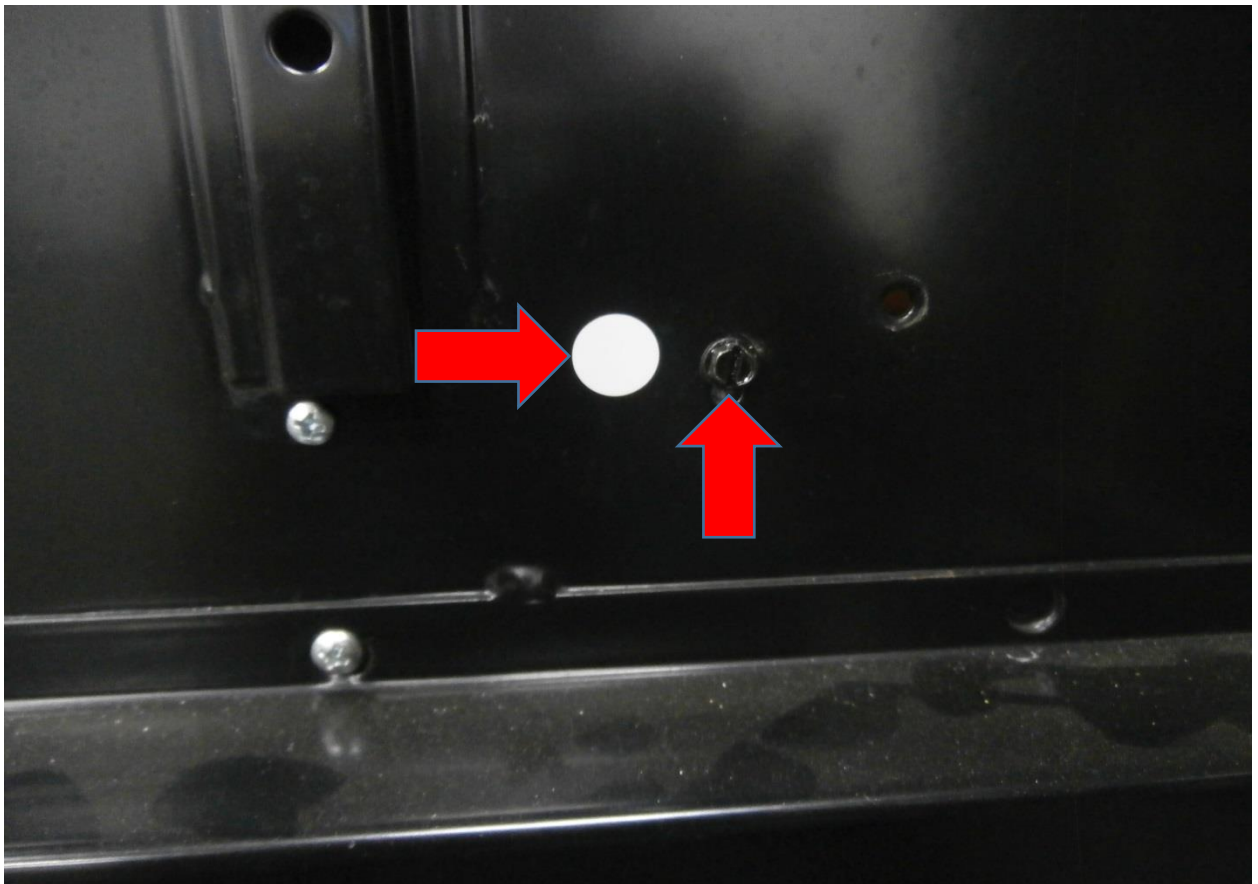
**NOTE: To loosen the top 4 screws you need to release the turrets and lean them back into the loading position.**





2. Remove the six screws that hold on the lighted display assembly.

**Note: The six screws are on the back side of the door, marked with white dots beside them.**

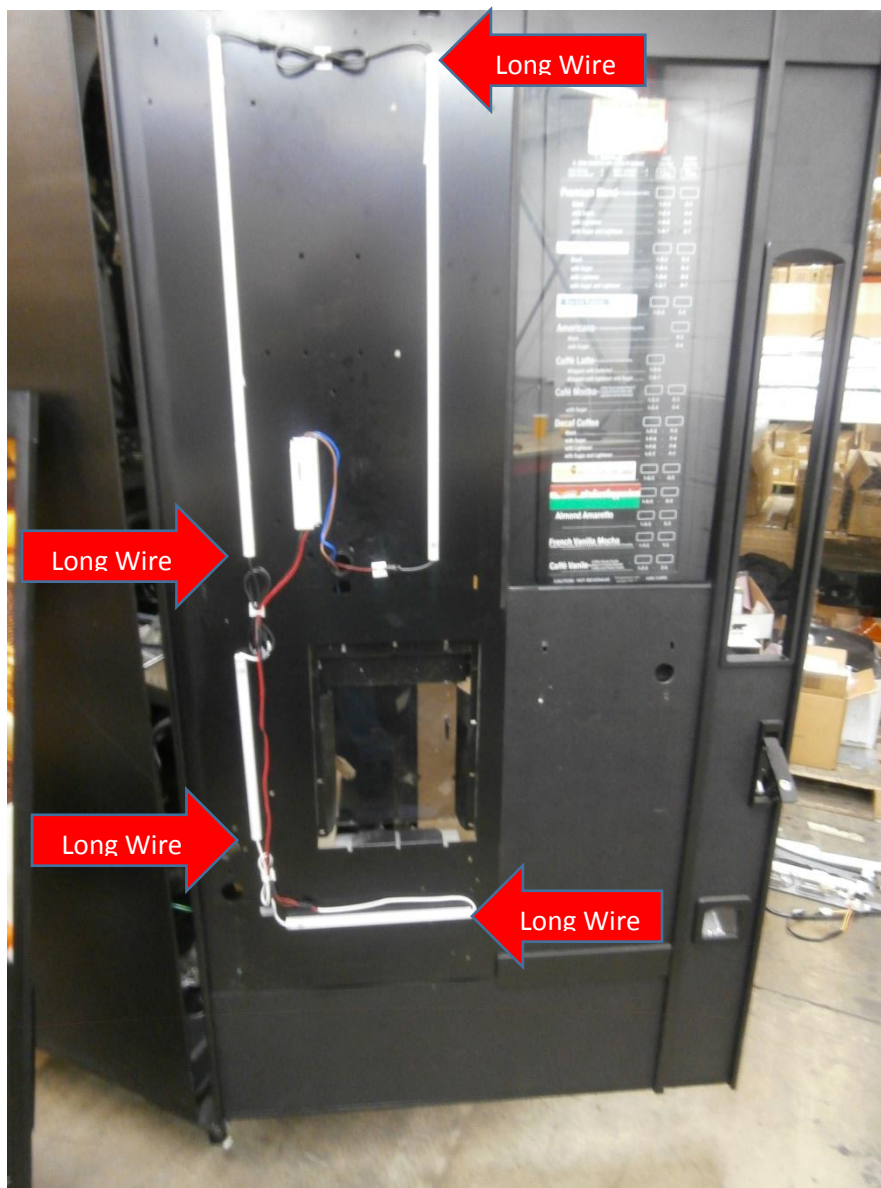


3. Remove all the existing fluorescent light fixtures from the front of the door and also the one above the menu board on the inside of the door.

**Note: Remove menu board to access the fluorescent light.**



4. Adhere the light bars to the front of the door in the same layout as the fluorescent lights were. 2 x 24" LED Light Bars placed vertically above dispensing area. 1 x **Daylight** 12" LED Light Bar placed to the left of the dispensing area. 1 x **Daylight** 12" LED Light Bar below the dispensing area. As shown below.





5. Mount power supply to the front of the door using the adhesive tape on the back of it. Make sure red and black wires are facing down.





6. Connect the red and black wire from the supply to the long wire on the right side of the bottom light bar. Plug the light bars into each other (Daisy Chain). Secure the excess wire with the adhesive anchors and wire ties.





7. Run the brown and blue wire from the power supply through the round hole in the door.



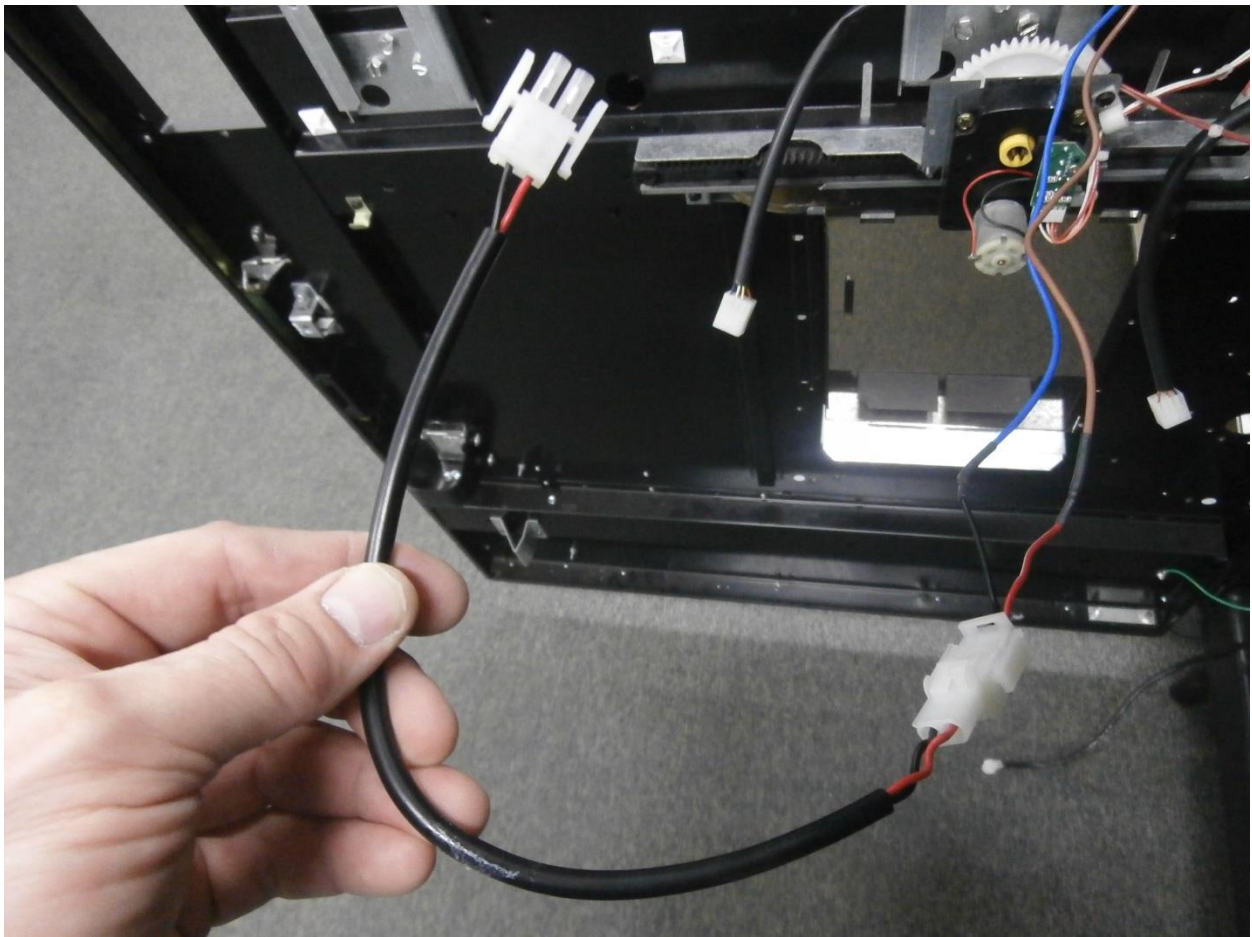


8. Attach the 2 foot extension harness to the bottom of the top right light bar and run it through the same round hole described in previous step.



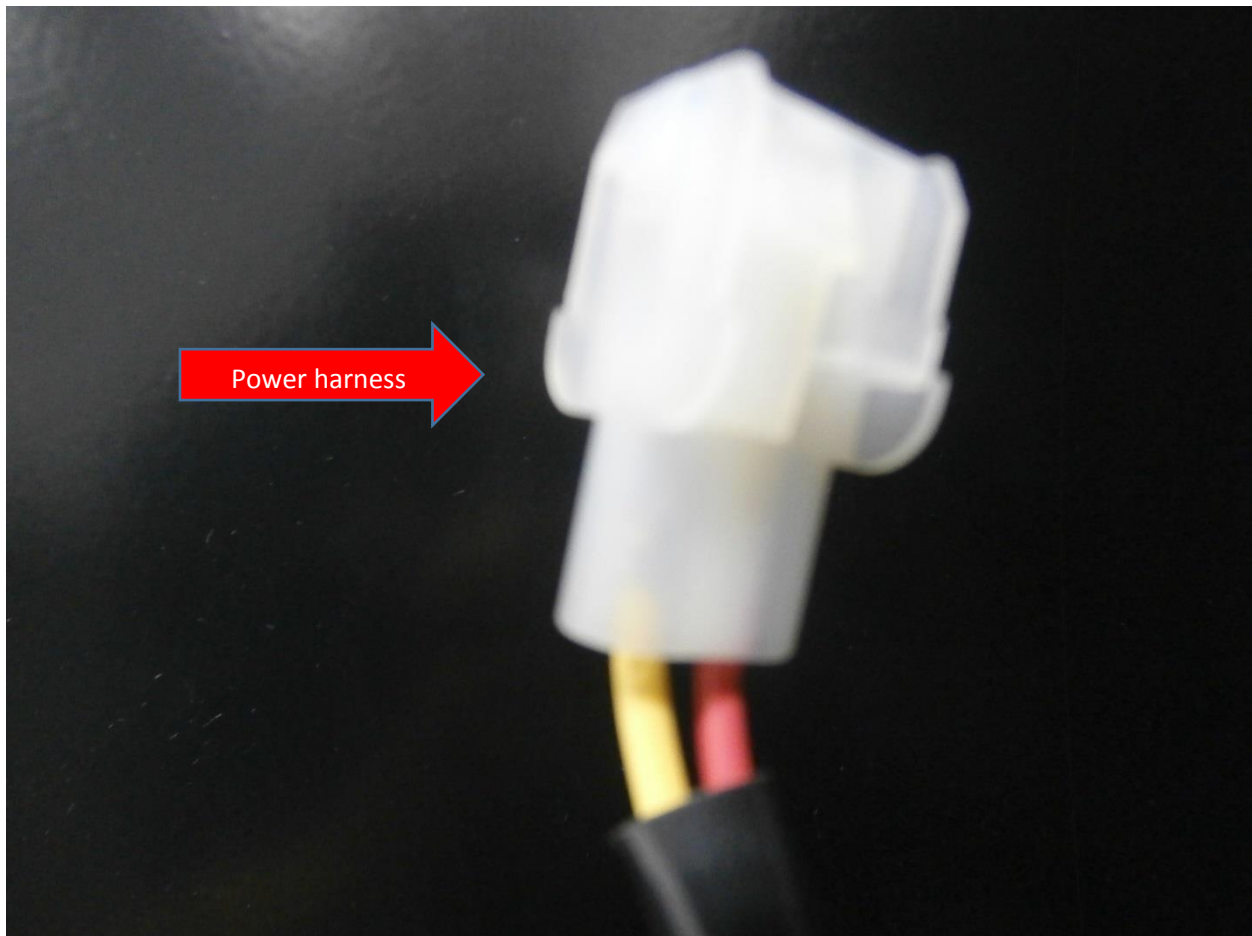


9. Plug the National Coffee adaptor harness into the power supply harness that you ran through the round hole in the door.





10. Then plug the other end of the adaptor harness into the power harness on the door that powered the fluorescent lighting. Then use the adhesive anchors and wire ties to mount the excess wire.





11. Mount the **warm white** 12" LED Light Bar above the menu board adhere it to the top of the door facing down, with the long wire to the right.



12. Plug the light bar extension harness you ran through the round hole in the door into the long wire on the light bar you just mounted above the menu board. Then use the adhesive anchors and wire ties to mount the excess wire.



13. Remove the florescent tube in the back of the cabinet (not the fixture) and replace it with the 18" LED tube. Then remove the starter to the right of the tube and replace it with the green jumper starter that comes with the LED tube.





14. Plug the machine in and turn it on and make sure all (6) LED lamps are illuminated. Then install the lighted display back on the door and reinstall the cup turrets.

