



ADA RETROFIT PANEL ASSEMBLY

INSTALLATION INSTRUCTIONS

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These instructions are not intended to cover all details or variations of the equipment, nor to provide for every possible contingency in the installation, operation or maintenance of this equipment. This manual assumes that the person(s) working on the equipment have been trained and are skilled in working with electrical, plumbing, pneumatic, and mechanical equipment. It is assumed that appropriate safety precautions are taken and that all local safety and construction requirements are being met, in addition to the information contained in this manual.

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Contact Information:

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This document contains the original instructions for the unit described.

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SAFETY

WARNING:

Before starting installation, read and understand all safety label and warnings on the machine. Also review and understand all safety instructions in the owners, installation and service manuals.

Failure to comply could result in serious injury, death or damage to the equipment.

QUALIFIED SERVICE PERSONNEL

WARNING:

Only trained and certified electrical, plumbing and refrigeration technicians should service this unit.

All wiring and plumbing must conform to national and local codes. Failure to comply could result in serious injury, death or equipment damage.

SAFETY PRECAUTION

This unit has been specifically designed to provide protection against personal injury. To ensure continued protection observe the following:

WARNING:

Disconnect power to the unit before servicing. Follow all lock out/tag out procedures established by the user. Verify all power is off to the unit before performing any work.

Failure to comply could result in serious injury, death or damage to the equipment.

CAUTION:

Always be sure to keep area around the unit clean and free of clutter.

Failure to keep this area clean may result in injury or equipment damage.

INSTALLATION INSTRUCTIONS

These installation instructions for the ADA panel assembly is a retrofit kit for the Cold Fusion units. It provides a lower keypad capable of operating all the unit functions.

Table 1. Replacement Parts

Item No.	Part No.	Description	Qty.
1	620051146	Splash Panel Assembly "Z" Style	1
	620051147	Splash Panel Assembly "Drip Tray"	1
2	620051142	Panel Assembly Keypad	2
3	620050223	Gasket Lower	2
4	620048380	Harness	4
5	620051389	Screw, #4-3/8" LG Hi/Lo	8
6	620049051	Decal Sheet	1

Perform the following procedure to retrofit the unit.

1. Remove the lid from the top of the unit, lift and remove the merchandiser from the front of the unit and remove the fluorescent bulb.



CAUTION:

Take care not to stress the internal wiring during installation of the kit.



Figure 1.

2. Open the E-Box to access the connectors and make sure the fluorescent bulb is removed before opening the E-Box.

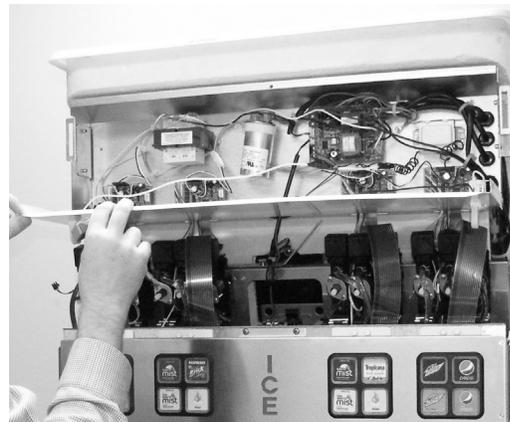
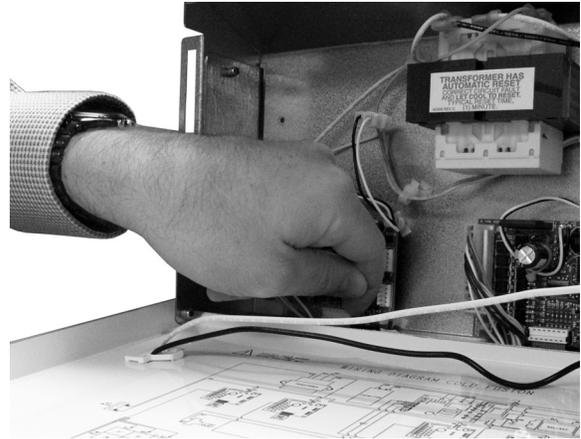


Figure 2.

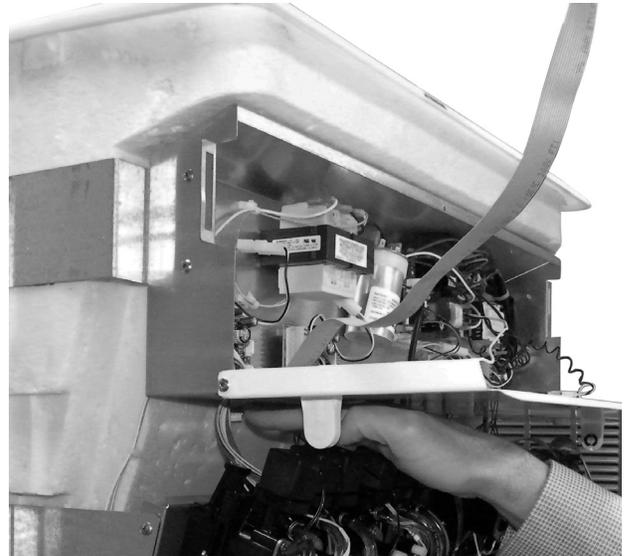
3. Remove the connector from the circuit board.

**CAUTION:**

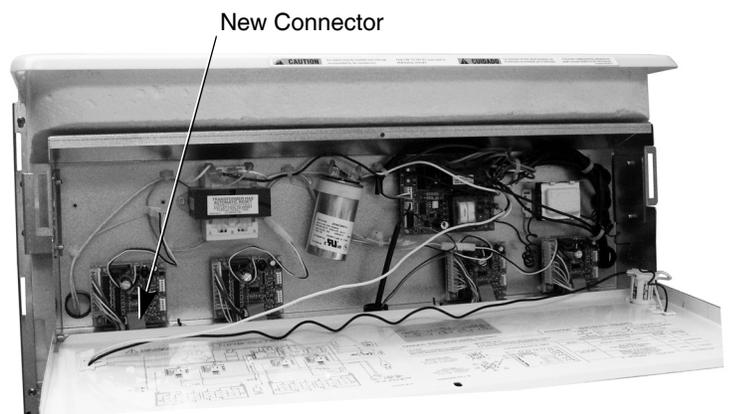
Care must be taken to pull the connector straight up from the header. Damage may occur to the header if the connector is extracted at an angle.

**Figure 3.**

4. Route the replacement cable from the kit down through the bottom of the E-Box.

**Figure 4.**

5. Connect the new connector to the circuit board. Then repeat Steps 3 through 5 for each of the three other cables.

**Figure 5.**

6. Remove the splash panel by removing the two screws located on the left and right side of the splash panel.



Figure 6.

7. Remove the cable stub from the ribbon cable.

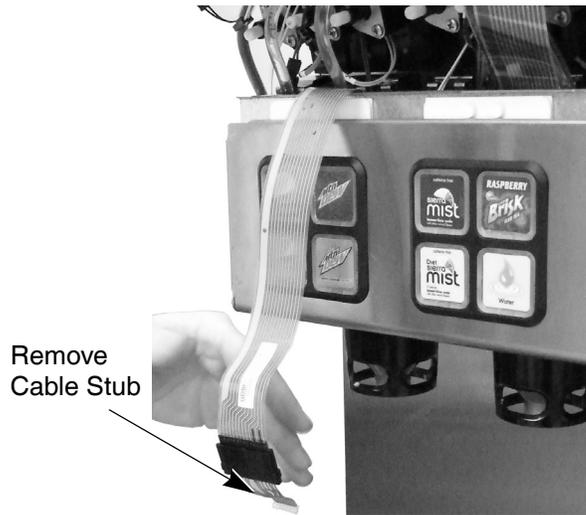


Figure 7.

8. Connect the ribbon cable to the new connector coming out of the bottom of the E-Box.

CAUTION:
DO NOT route near any high voltage harnesses (Agitator Harness/Heater)

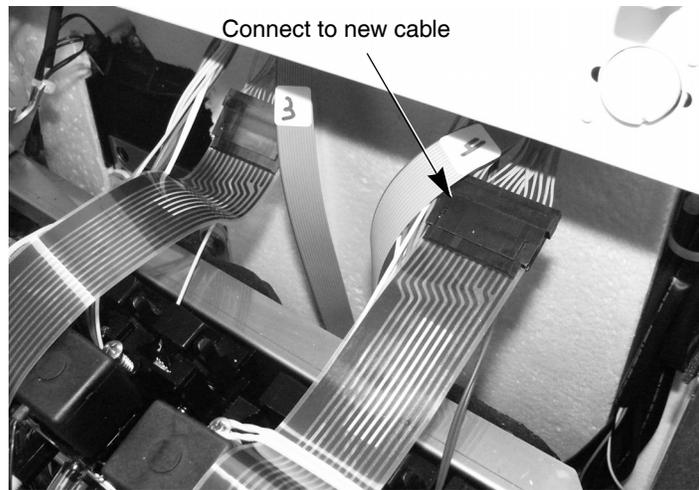


Figure 8.

9. Replace the ribbon cables under the retaining bands to keep them in position, as shown.

Retainer

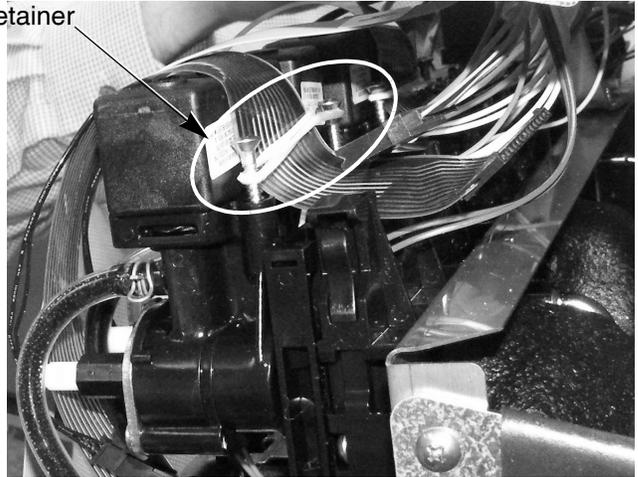


Figure 9.

10. Press the tabs on both sides of the unit and swing down the control panel.

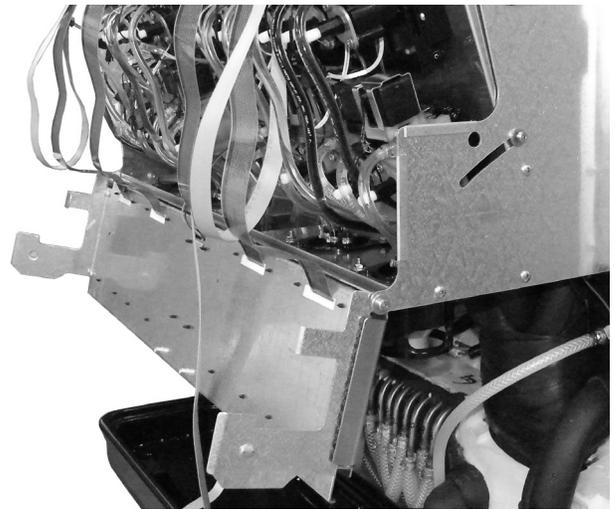


Figure 10.

11. Remove four screws from each side of the unit.

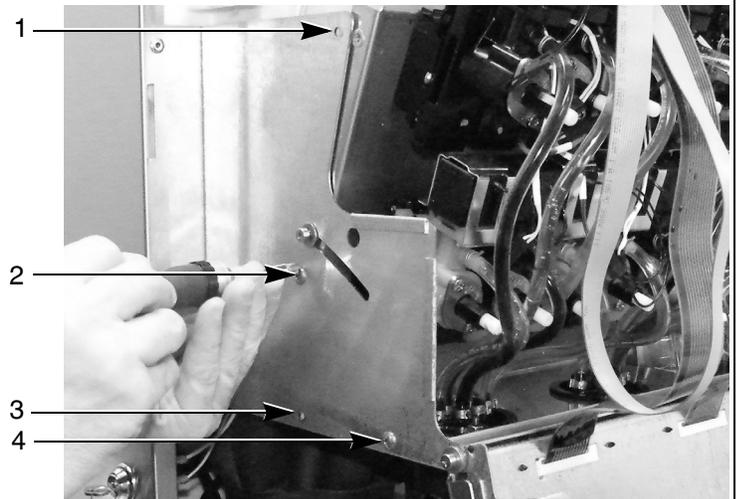


Figure 11.

12. Rotate the valve panel down to allow the new cables to be run in back of them.

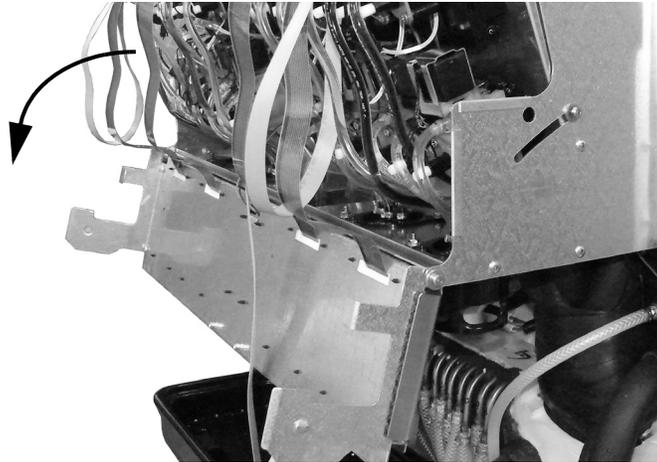


Figure 12.

13. Run the new cables between the valve assemblies, as shown, all the way through the bottom. Repeat with all four cables.

⚠ CAUTION:
When routing new cables to splash panel keypads, take care not to damage the insulation, tubing or connectors.

⚠ CAUTION:
DO NOT route near any high voltage harnesses (Agitator Harness/Heater)

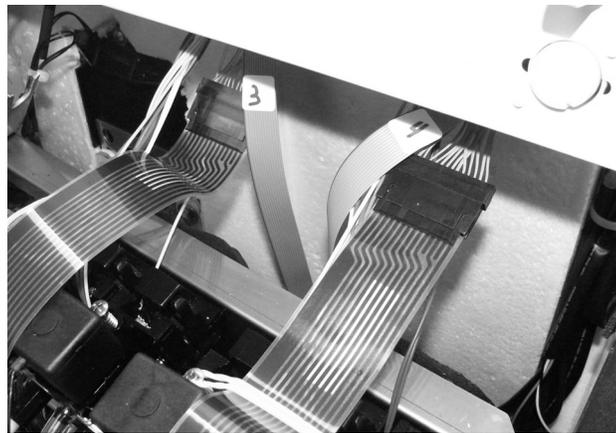


Figure 13.

14. Pivot the valve panel back into place and replace the four screws on each side of the unit. Rotate the display panel back in place.

15. Place the new splash panel in front of the unit.

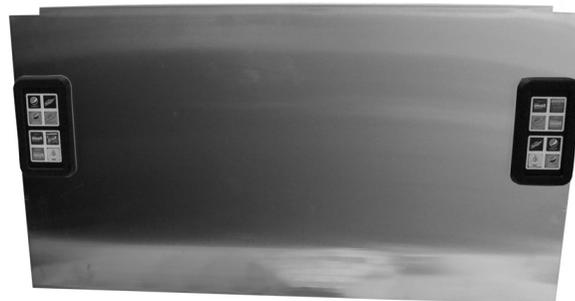


Figure 14.

16. Connect the new cable connectors to the new panel, as shown.

⚠ CAUTION:
Make sure to match the cable number to the connector number to insure proper connections.



Figure 15.

17. Carefully replace the new splash panel on the front of the unit, securing it with the two screws used to hold the old panel.

⚠ CAUTION:
When routing new cables to splash panel keypads, take care not to damage the insulation, tubing or connectors.

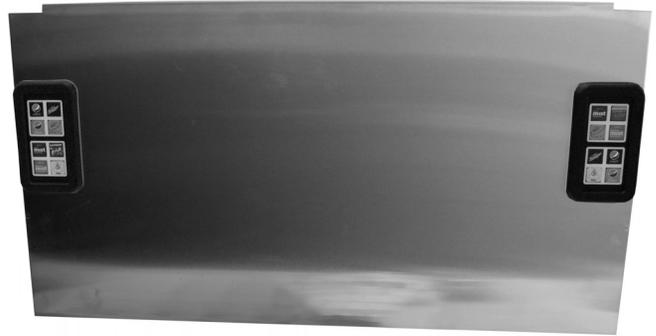


Figure 16.

18. Replace the merchandiser on the unit.



Figure 17.

19. Replace the lid on the top of the unit. The retrofit is now complete

20. Reconnect power to the unit.



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