

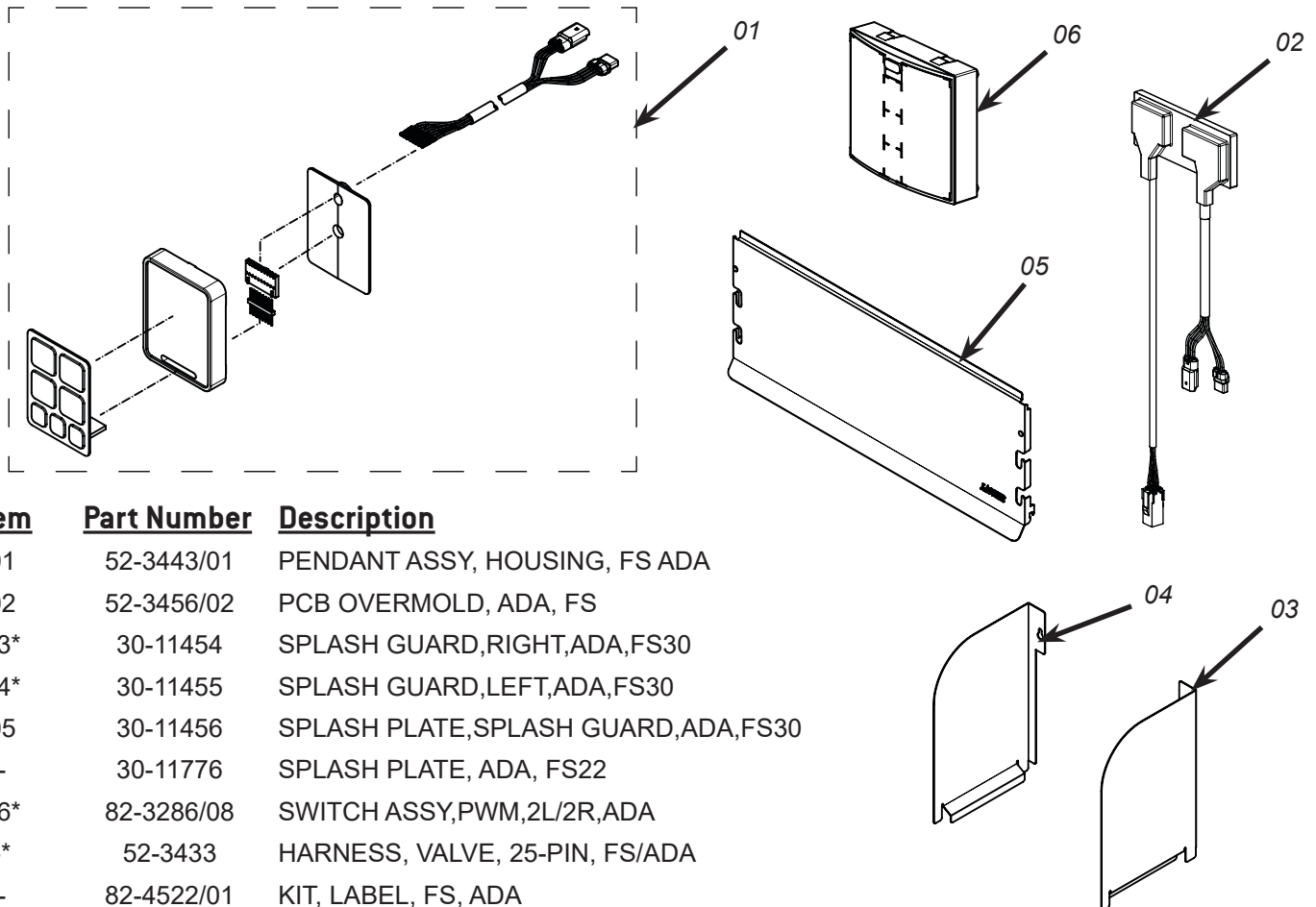
The following illustrates how to install the Splash Plate ADA Pendant Kit to an existing 22" or 30" Flavor Select (FS) unit.

General Information

This install sheet is for use with the following kits:

Part Number	Description
82-4546	FS 30" without Splash Guards
82-4633	FS 30" with Splash Guards
82-4634	FS 30" without Splash Guards with Touch Panels and Harness
82-4635	FS 30" with Splash Guards with Touch Panels and Harness
82-6087	FS 30" with Splash Guards with ADA Touch Panels
82-4636	FS 22" without Touch Panels and Harness
82-4637	FS 22" with Touch Panels and Harness

Kit Contents



Item	Part Number	Description
01	52-3443/01	PENDANT ASSY, HOUSING, FS ADA
02	52-3456/02	PCB OVERMOLD, ADA, FS
03*	30-11454	SPLASH GUARD, RIGHT, ADA, FS30
04*	30-11455	SPLASH GUARD, LEFT, ADA, FS30
05	30-11456	SPLASH PLATE, SPLASH GUARD, ADA, FS30
-	30-11776	SPLASH PLATE, ADA, FS22
06*	82-3286/08	SWITCH ASSY, PWM, 2L/2R, ADA
-*	52-3433	HARNESS, VALVE, 25-PIN, FS/ADA
-	82-4522/01	KIT, LABEL, FS, ADA
-*	82-3878/04	KIT, LABEL, FS, MAJOR, MINOR, BONUS

* - if applicable

Verify Software Version of Valve Boards

NOTE

Prior to beginning installation of the ADA Pendant, verify if the valve boards (touch panels) software is version 3.02 or higher. If the software is lower than 3.02, the valve boards must be replaced.

1. Remove the merchandiser to gain access to the Valve Board.



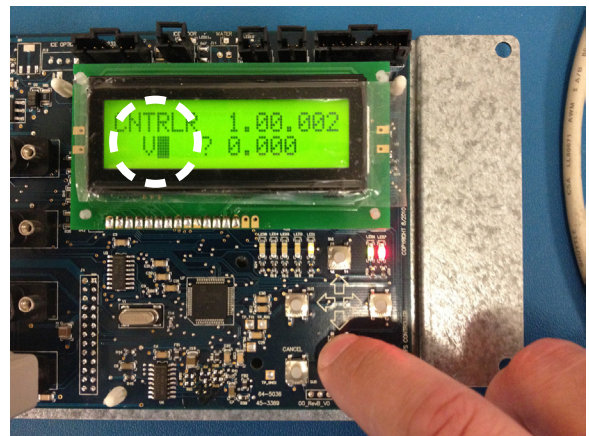
2. Press down arrow until 'Software Version' is displayed.



3. Press the enter key to see the current SW versions for the valve boards. By using the up or down arrow button you can change the valve touch pad number to see which software version it has. Verify all valve boards are current by pressing the up or down to view entire list.

NOTE

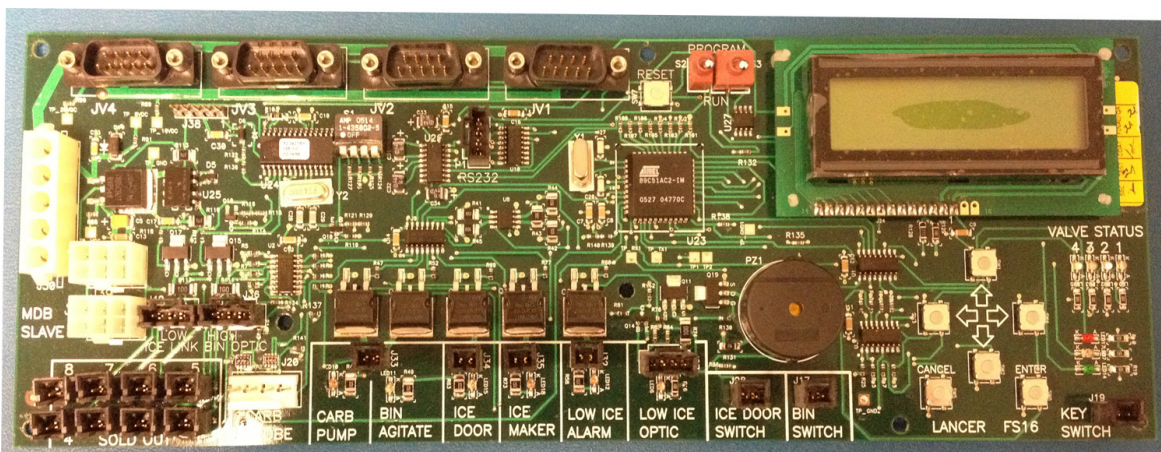
There are two (2) valve boards on a FS22 and four (4) valve boards on a FS30.



4. If the software version is 3.02 or higher, the valve boards do not need to be replaced.

NOTE

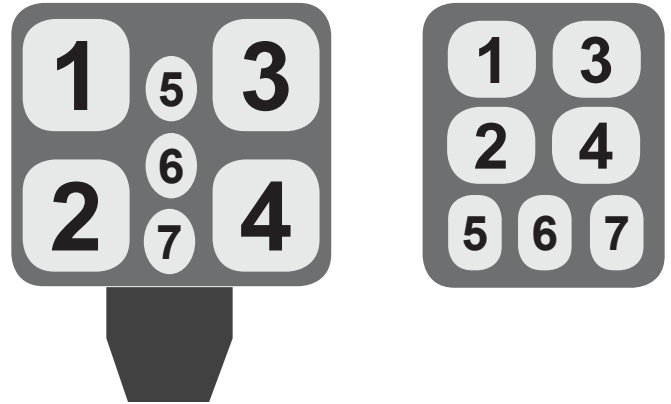
In a previous version of the control board (shown below), software will display as 3.2.



Prepare the Pendant Box

NOTE

It is critical to make note of the current button layout to ensure the proper application of new Pendant decals. It is recommended to apply the labels prior to the install, to ensure accuracy. Refer to configuration diagram to the right.



Determine Need to Replace Valve Cable & Touch Panels

1. Unplug the dispenser to disconnect power.

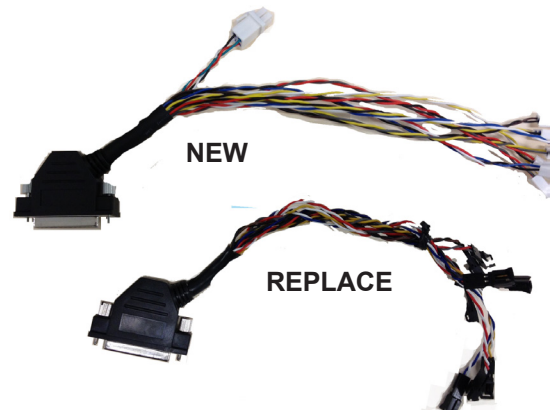
WARNING

Always disconnect power from unit prior to servicing or cleaning.

2. Remove the Splashplate.
3. Access the rear of the touch panels by releasing the catches on either end and tilting the touch panel plate forward.



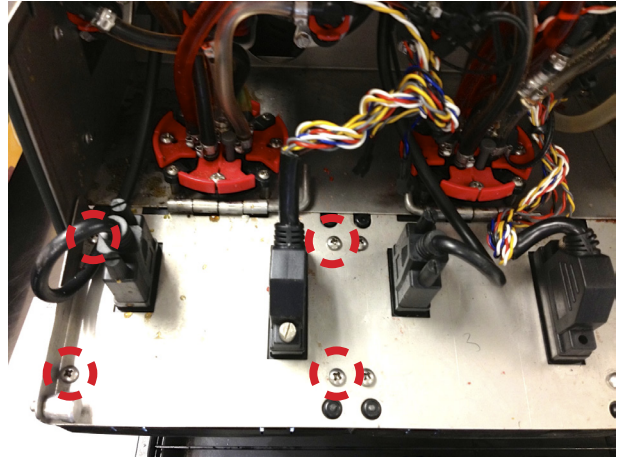
4. Inspect the larger 25-pin cables connected to the Touch Panel. If unit has a short pigtail with four (4) wires, the Valve Cable Harness does **NOT** need to be replaced.



5. If the Touch Panels need to be replaced (as determined in Section: *Verify Software Version of Valve Boards*), continue to the next section. If the Valve Harnesses need to be replaced, refer to Section: *Replace Valve Harness*.
6. If neither the Touch Panels or the Valve Harness needs to be replaced, continue to Section: *Install ADA Pendants*.

Replace the Touch Panels

1. Disconnect the Control and Valve cables connected to the rear of the Touch Panel.
2. Remove the four (4) screws holding the panel in place and remove the Touch Panel from the unit (refer to image on the right). Retain the removed Touch Panel, to ship back to Lancer for reprogramming.
3. Install the brand and bonus flavor labels on the new Touch Panel in the same configuration as what was just removed. Use the bezel from the old Touch Panel, if necessary.
4. Install the new Touch Panel using the four (4) screws from step 2.
5. Reconnect the control cable.

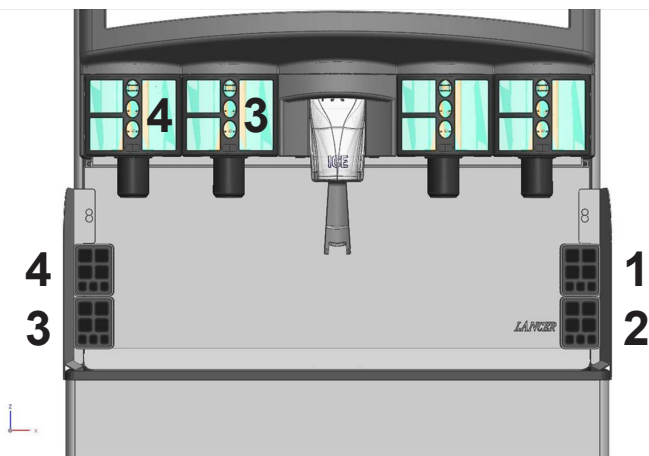


Replace the Valve Cable Harness

1. Connect the new valve cable harness to the Touch Panel.
2. Select a two-wire pair on the new harness and note the color of the wires. Locate the same color wires on the old harness and determine to which valve it is connected. Disconnect the old harness from the valve and connect the new harness.
3. Repeat Step 2 until the old harness is completely disconnected.
4. Repeat the above steps for the Valve Harness on each Touch Panel

Install ADA Pendants

1. One Pendant will be installed for each Touch Panel. The final installation configuration should match the diagram below. Route the harnesses accordingly.
3. Repeat Step 2 for each Pendant.



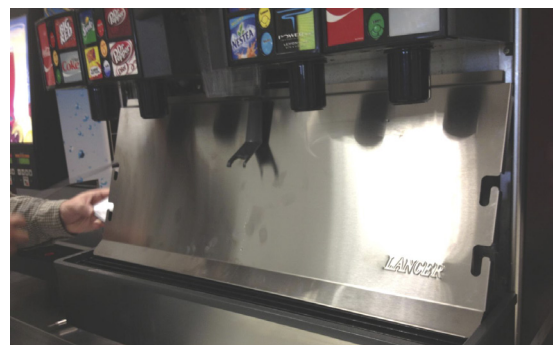
2. Route the harness connected to the ADA Pendant behind the faucet plate. Continue through the hole behind the nozzles.

NOTE

The harness on the right side of the unit should be routed to the right of the carb probe harness to prevent any difficulties installing the Splash Plate.



4. Position the new Splash Plate (PN: 30-11456) in place.



5. Install the Pendants on the Splash Plate by sliding them into the slot, as shown below.

NOTE

Install bottom pendant before installing top pendant.



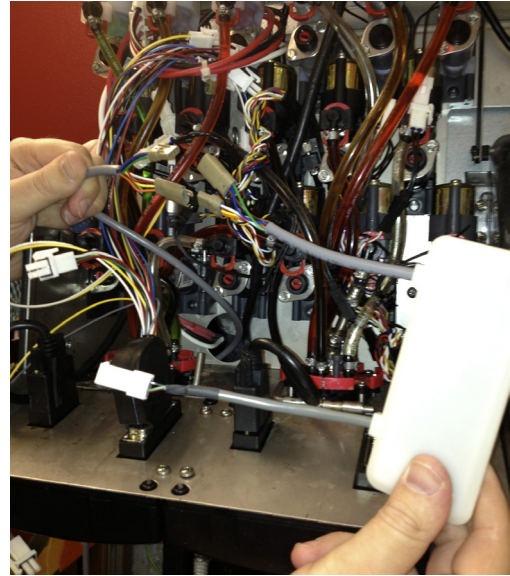
6. Coil any excess cable length in the area near the nozzle.
7. Finish installation of Splash Plate.
8. Connect the ADA Pendant Board Harness to the ADA Pendant Harness and the 4-wire pigtail that is part of the new valve harness (see Step 4 on page 3).

NOTE

One Pendant Board will connect between each ADA Pendant and the corresponding Touch Panel.

9. Repeat for each ADA Pendant/Touch Panel combination.

10. Place the ADA Pendant Board boxes behind the nozzle assemblies.



11. Close the Touch Panel plate.
12. Restore power to the unit.
13. Confirm the ADA Pendant Keypad is properly functioning by pressing the labeled buttons on the Pendant Keypad to dispense the requested product. If not, remove power and adjust the connectors accordingly.
14. With power removed from the unit, install the brand and bonus flavor labels on the ADA Pendants.
15. Reinstall the merchandiser.