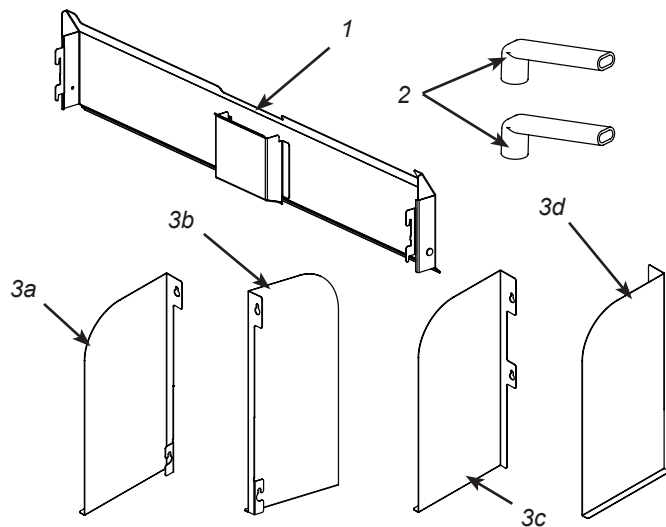


Kit Contents



**82- 6087 FS30 Extended Splash Plate, ADA
Splash Guards, No ADA Pendants**

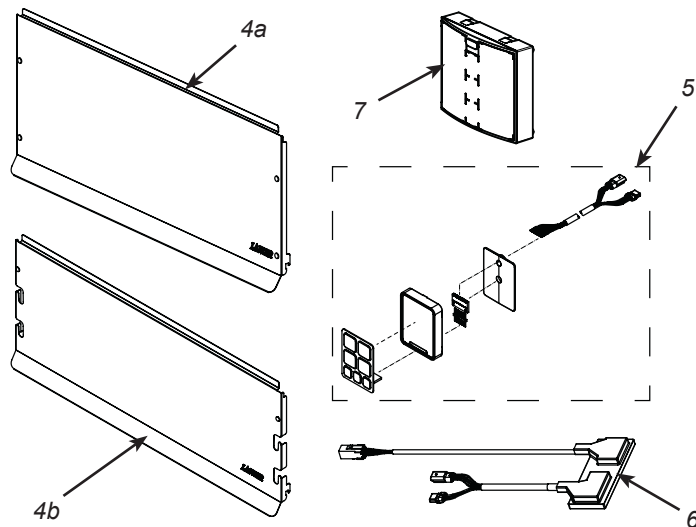
Item	Part Number	Description
1	51-7135	Extended Splash Plate Assembly
2	05-3192	Drain Elbow, Extended
3a	30-16218	Extended Splash Guard, Left, ADA
3b	30-16217	Extended Splash Guard, Right, ADA

**82- 6181 FS30 Extended Splash Plate,
Splash Guards, No ADA Pendants**

Item	Part Number	Description
1	51-7135	Extended Splash Plate Assembly
2	05-3192	Drain Elbow, Extended
3c	30-16106/02	Extended Splash Guard, Left
3d	30-16105/02	Extended Splash Guard, Right
4a	51-6239	Splash Plate, with Splash Guard, FS30

**82- 6189 FS30 Extended Splash Plate,
No Splash Guards, No ADA Pendants**

Item	Part Number	Description
1	51-7135	Extended Splash Plate Assembly
2	05-3192	Drain Elbow, Extended



**82- 6208 FS30 Extended Splash Plate,
Splash Guards, 711**

Item	Part Number	Description
1	51-7135	Extended Splash Plate Assembly
2	05-3192	Drain Elbow, Extended
3a	30-16218	Extended Splash Guard, Left, ADA
3b	30-16217	Extended Splash Guard, Right, ADA
3c	30-16106/02	Extended Splash Guard, Left
3d	30-16105/02	Extended Splash Guard, Right

**82- 6190 FS30 Extended Splash Plate, ADA
Splash Guards, ADA Pendants**

Item	Part Number	Description
1	51-7135	Extended Splash Plate Assembly
2	05-3192	Drain Elbow, Extended
3a	30-16218	Extended Splash Guard, Left, ADA
3b	30-16217	Extended Splash Guard, Right, ADA
4b	30-11456	Splash Plate, with ADA Splash Guard, FS30
5	52-3443/01	ADA Pendant Housing, FS ADA
6*	52-3456/02	PCB Overmold, ADA
7*	82-3286/08	Touch Panel Switch Assembly, ADA
-	82-4522/01	FS ADA Label Kit
-	82- 3878/04	FS Major/Minor Bonus Label Kit

* - if applicable

Installing ADA Components

NOTE

If the unit does not require the installation of any ADA components, skip to section *Installing Extended Splash Plate Components & Splash Guards*, on page 4.

Verify Software Version of Valve Boards

NOTE

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

1. Unplug the dispenser from the grounded electrical outlet.

⚠ WARNING

Always disconnect power from unit prior to servicing or cleaning.

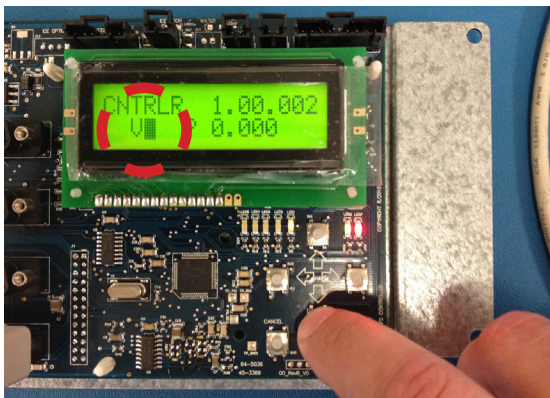
2. Remove the merchandiser to gain access to the Valve Board.
3. Press down arrow until 'Software Version' is displayed.



4. 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 four (4) valve boards on a FS30.



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

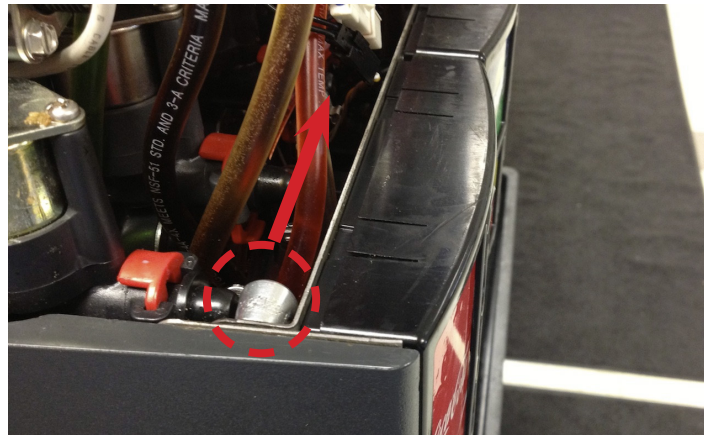
Determine Need to Valve Cable & Touch Panels

1. Make sure the dispenser is unplugged from the grounded electrical outlet.

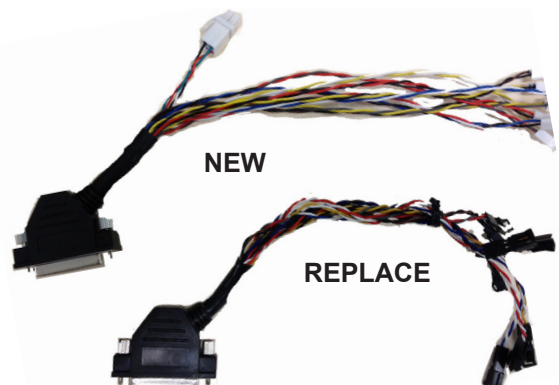
⚠ WARNING

Always disconnect power from unit prior to servicing or cleaning.

2. Remove the Splash Plate.
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.

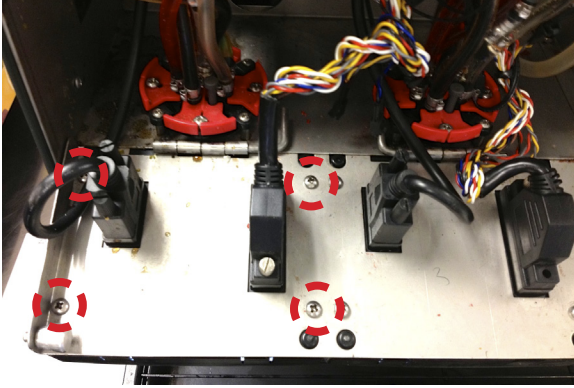


NOTE

If neither the Touch Panels or the Valve Harness needs to be replaced, skip to *Install ADA Pendants* section on the next page.

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.
6. Repeat steps 1 - 5 for remaining Touch Panels.

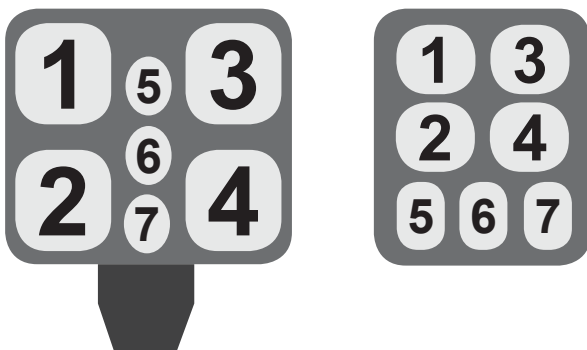
Replace the Valve Cable Harness

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 steps 1 - 3 for the Valve Harness on each Touch Panel.

Install ADA Pendants

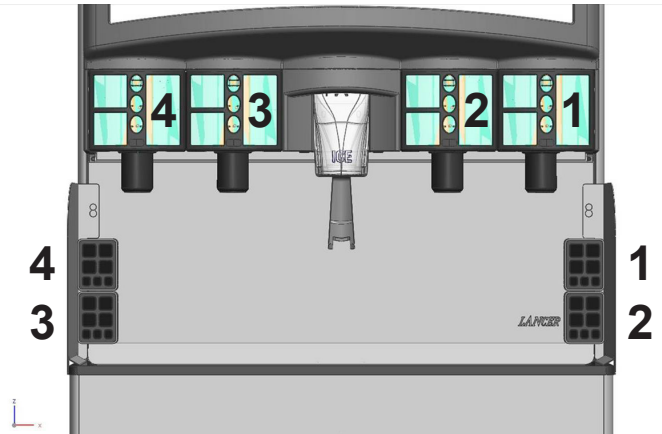
NOTE

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.



NOTE

One pendant will be installed for each Touch Panel. The final installation configuration should match the diagram below. Route the harnesses accordingly.



1. 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.



2. Repeat Step 1 for each Pendant.
3. Position the new Splash Plate (PN: 51-6239) in place.



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

NOTE

Install bottom pendant before installing top pendant.

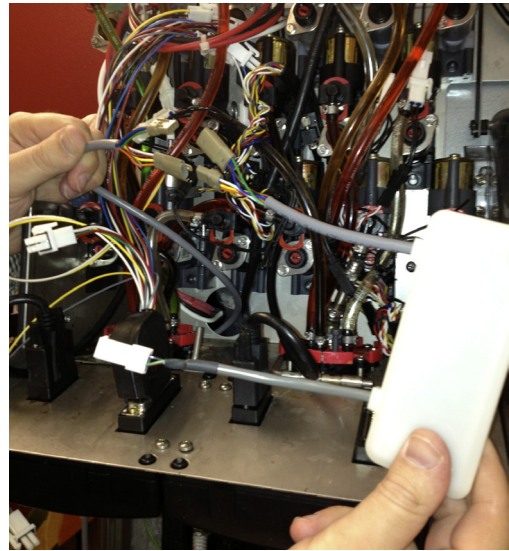


5. Coil any excess cable length in the area near the nozzle.
6. Finish installation of Splash Plate.
7. Connect the ADA Pendant Board Harness to the ADA Pendant Harness and the 4-wire pigtail that is part of the new valve harness (see Step 4 on page 2).
8. Repeat for each ADA Pendant/Touch Panel combination.

NOTE

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

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



10. Close the Touch Panel plate.
11. Restore power to the unit.
12. 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.
13. With power removed from the unit, install the brand and bonus flavor labels on the ADA Pendants.
14. Reinstall the merchandiser.

Installing Extended Splash Plate Components & Splash Guards

Installing Extended Splash Plate

1. Remove the existing ADA pendants (if applicable) and splash plate from the dispenser.



2. Remove the existing, shorter drain elbows from the drain tubes then clean area around drain tubes.



3. Clean the area around drain tubes.

4. Install the new extended drain elbows included with kit, by first slightly pinching the elbow fitting to form an oval shape then sliding the elbow fitting over the flared end of the drain tube.



5. Push the elbow fitting back over the drain tube until flare reaches the angle point.



6. Rotate the elbow fitting so that the exhaust points downward.
7. Install the second elbow fitting onto the open drain tube.

8. Install the new extended splash plate bracket, included with kit, by first sliding the extended drain elbows, installed in Step 4, into the back channel of the extended splash plate bracket.



9. With the drain elbows positioned in the back channel of the splash plate bracket, install bracket to lower portion of dispenser.



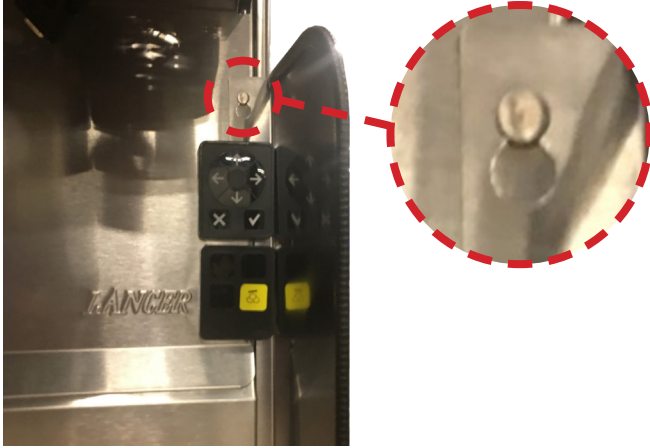
10. Re-install the splash plate and ADA pendants (if applicable).

NOTE

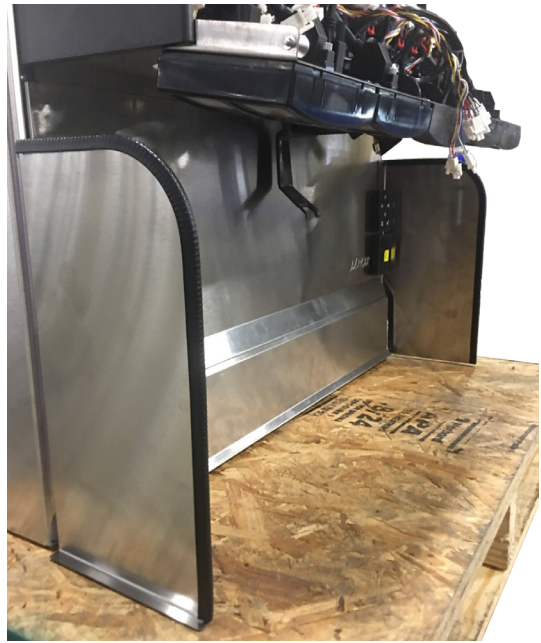
After installing the elbow fitting, there may be minor condensation on the rubber boot, but this is normal and does not indicate an issue.

Installing the Splash Guards

1. Position the appropriate splash guard (PN: 51-6239 for units with ADA pendants and PN: 30-11456 for units without ADA pendants) over the buttons on the splash plate and on the side of the extended splash plate bracket.
2. Slide the bracket holes over the buttons then slide down to secure to the unit.



3. Repeat for second splash guard.



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custserv@lancercorp.com - lancercorp.com - Manual PN: 28-3024 - October 2018

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