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## *Volumetric Valve*



### Flavor Select ADA Pendant

Technical Bulletin Reference No. 2102-001

Lancer is releasing an ADA Pendant attachment for all of our Flavor Select (FS) models. Adapt your Flavor Select (FS) machines by simply purchasing this add-on. Units built prior to the 3rd quarter of 2013 will require new touch panels and harnesses. Units built after the 3rd quarter of 2013 will not require new touch panels or harnesses. Units built in the 3rd quarter of 2013 will need to be audited to determine whether new parts are needed (see included instructions).

#### 1. GENERAL INFORMATION

**This install sheet is for use with the following kits:**

- 82-4546 30" without Splash Guards
- 82-4633 30" with Splash Guards
- 82-4634 30" without Splash Guards with Touch Panels and Harness
- 82-4635 30" with Splash Guards with Touch Panels and Harness
- 82-4636 22" without Touch Panels and Harness
- 82-4637 22" with Touch Panels and Harness

To determine whether the unit requires new Touch Panels and Harnesses, refer to Section 2 and Section 3, Step B.

Refer to PN 28-0926 on the Lancer Website for full Instruction Sheet.

#### 2. VALVE BOARDS (TOUCH PANELS)

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.

- A. Remove the merchandiser to gain access to the Valve Board (Fig 1).
- B. Press down arrow until 'Software Version' is displayed (Fig 2).
- C. Press the enter key to see the current SW versions for the valve boards. Verify all valve boards are current by pressing the up or down to view entire list (Fig 3).

**NOTE:** There are two valve boards on an FS22 and four on a FS30.



Figure 1



Figure 2

Down Arrow

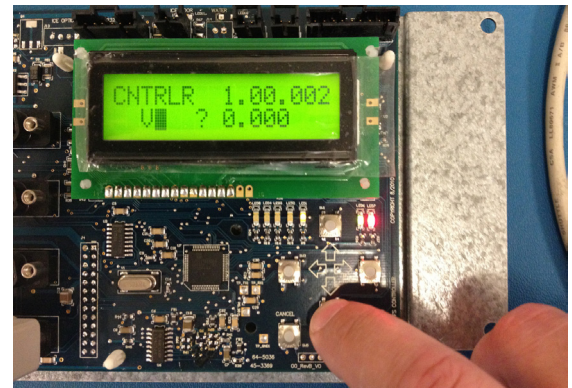


Figure 3

D. 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 (Fig 4), software will display as 3.2

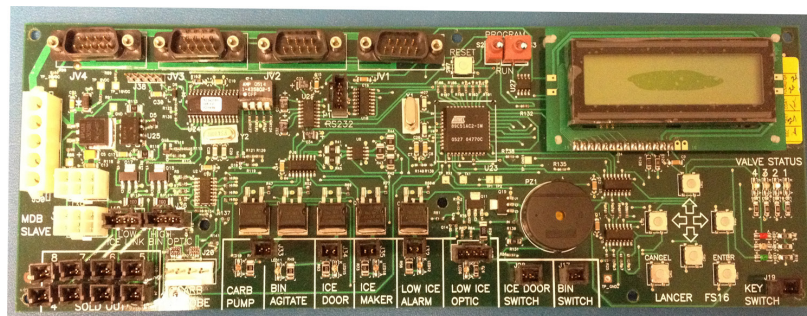


Figure 4

E. Unplug the dispenser to disconnect power.

**⚠ Always Disconnect POWER FROM UNIT PRIOR TO servicing or cleaning.**

### 3. VALVE CABLE HARNESS

A. Access the rear of the touch panels by releasing the catches on either end and tilting the touch panel plate forward.

B. Determine if the unit will need new valve cable harnesses.

1. Inspect the larger 25-pin cables connected to the Touch Panel. If unit has a short pigtail with four (4) wires (Fig 6, NEW), the Valve Cable Harness does not need to be replaced.
2. If the Touch Panels need to be replaced (as determined in Section 1), continue to the next step.
3. If neither the Touch Panels or the Valve Harness needs to be replaced, refer to full installation sheet found on website, [lancercorp.com](http://lancercorp.com) PN 28-0926



Figure 5

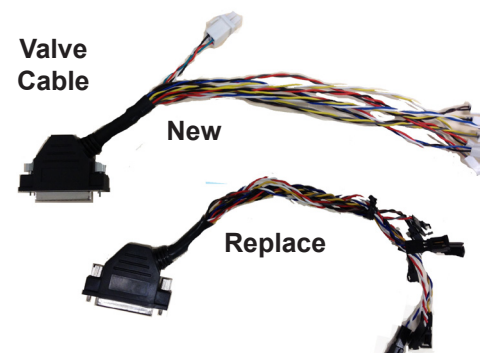


Figure 6

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### Flavor Select Flavor Dosing Option

Technical Bulletin Reference No. 2102-002

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Beginning on January 2014, a new option for flavor dosing has been included to the Flavor Select (FS) units; this new mode is going to allow the customer to dispense bonus flavors by themselves (i.e. no cherry, Lime, Vanilla, etc.).

#### 1. IMPORTANT NOTES

- A. This option is not available for “bonus-less” configuration.
- B. Beginning on January 2014, the default setting for all Flavor Select (FS) units should be “BLEND”; if “DOSE” option is required, this should be set during installation.

#### 2. CHANGE DETAILS

New units with “DOSE” option include:

- A. Controller board 64-5036/01 or later
- B. Panel 82-3286/07 or later
- C. Nozzle 54-0289/02 or later (See pictures bellow)

#### FS NOZZLE

**Before Change**



**After Change**

