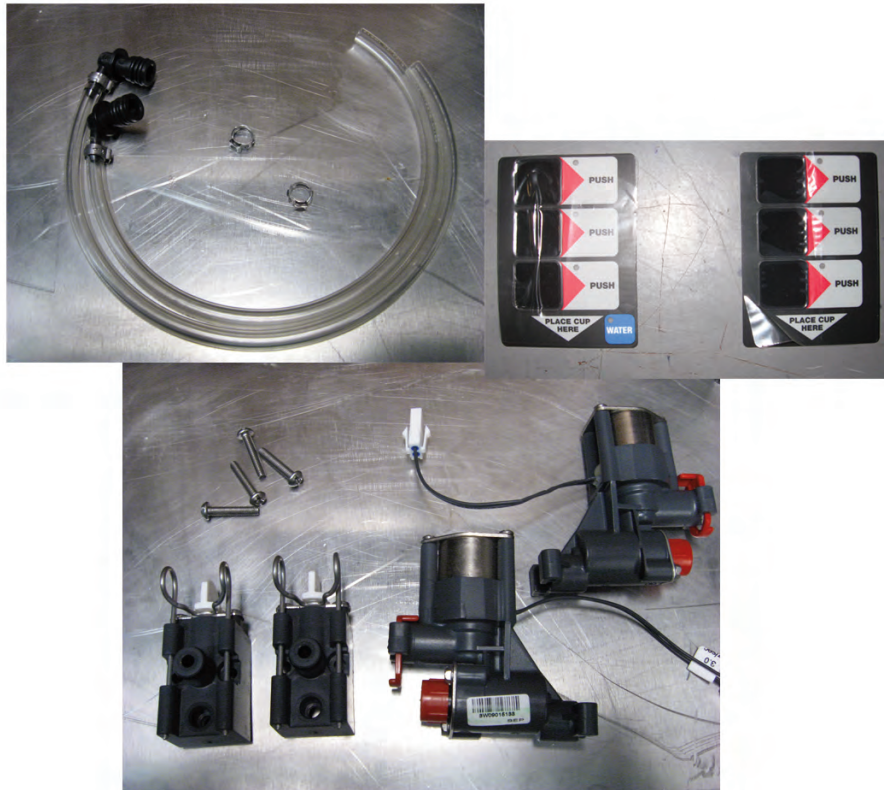


This instruction sheet pertains to Lancer PN 82-4177 Bevariety ACIB 2-Flavor MVU Add Kit.

The kit includes:

- 2 Tube Assemblies
- 2 Clamps, Oetiker
- 2 Syrup Valves
- 2 Mounting Blocks, Valve
- 4 Screws, Mounting Block, Valve
- 1 Overlay, MVU, 3 Flavor
- 1 Overlay, MVU, 3 Flavor, with water button

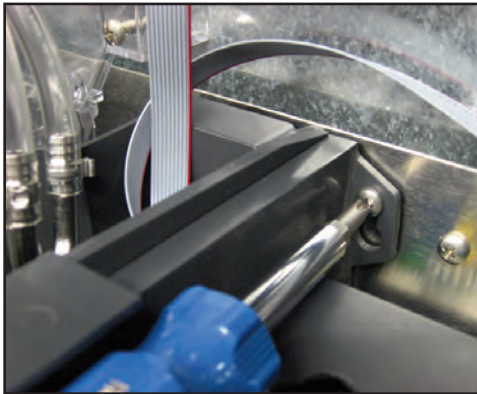


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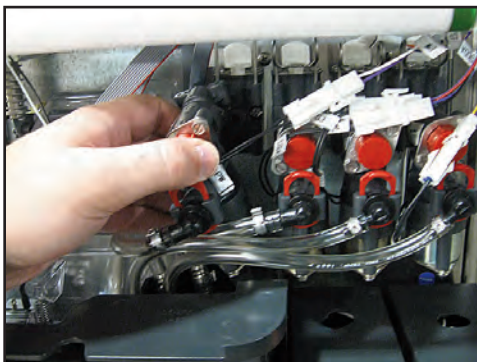
**Step 1 - Prepare the dispenser for upgrade:**

- A. Disconnect power to the dispenser.
- B. Remove the merchandiser, splash plate, and drip tray (if present).
- C. Remove the fluorescent bulb and place in a safe location.

**Step 2 - Remove the MVU cover:**



Loosen the two screws that hold the MVU cover in place.



Close the shutoff valve on the back blocks for the plain water valves.

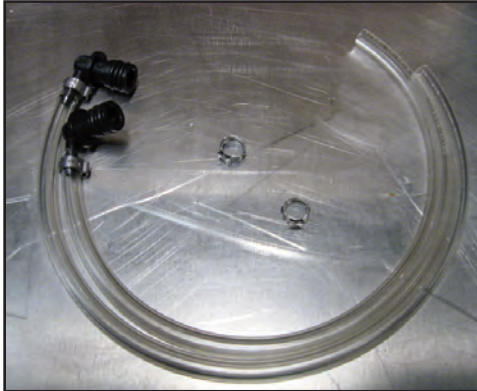
Lift the retaining clips and remove the plain water valves. Gently set the valves aside.

Carefully lift the MVU cover off the screws.

Remove the light shield and disconnect the ribbon cables from the MVU button boards. Mark the cables, if necessary, to ensure that they are connected to the correct board upon reassembly.

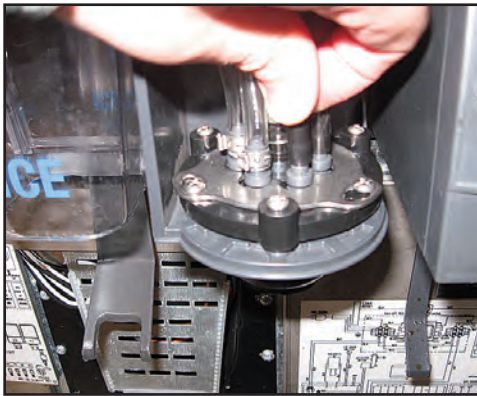
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**Step 3 - Attach new syrup lines to the nozzle:**

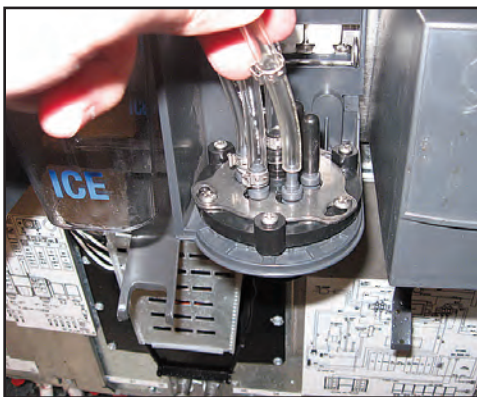


Locate the two tubing assemblies and the two oetiker clamps.

Slide one oetiker clamp over the end of each tube assembly.

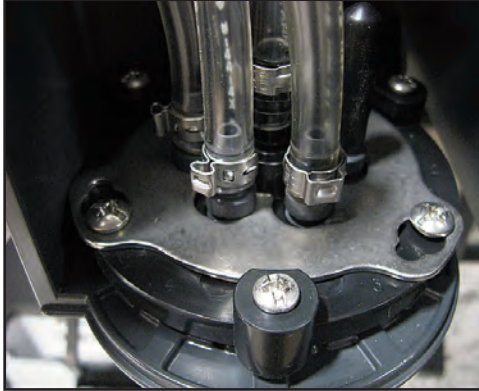


Remove the black nozzle cap from the front-most available nozzle port on each side of the MVU.



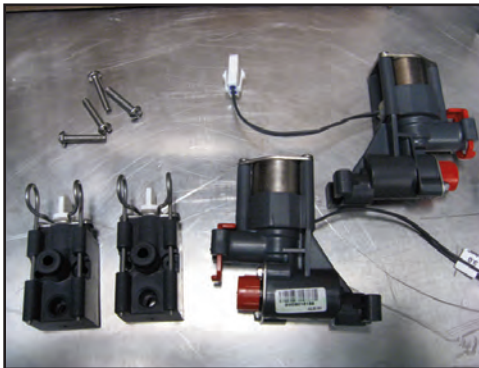
Attach the tube assemblies with the loose oetiker clamp to the open port.

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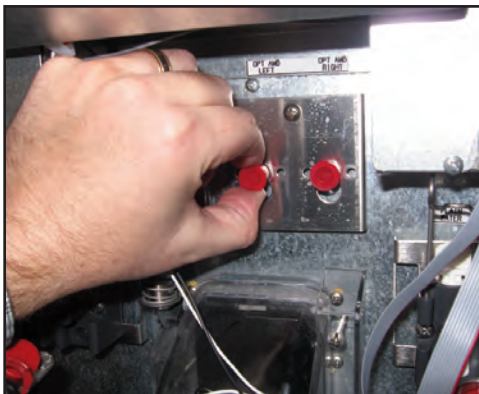


Slide the tube fully down over the fitting and crimp the oetiker clamp.

**Step 4 - Install the new MVU valves:**



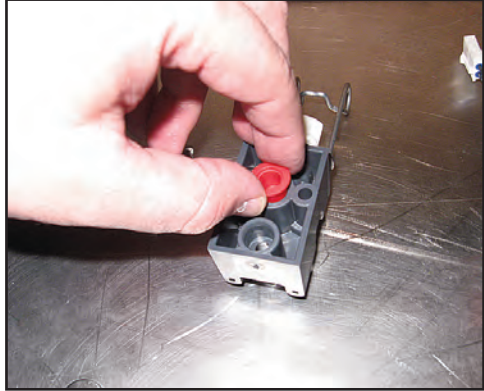
Locate the two valves, back blocks and associated screws.



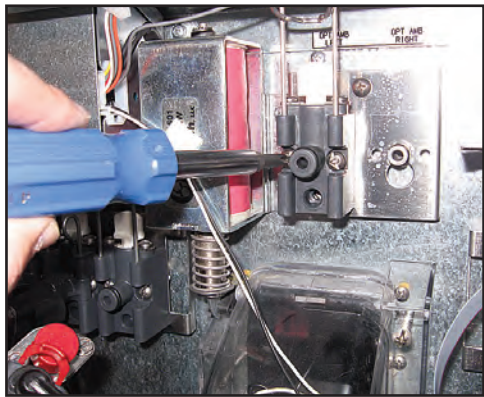
Remove the protective caps from the ambient syrup outlets located above the ice chute.

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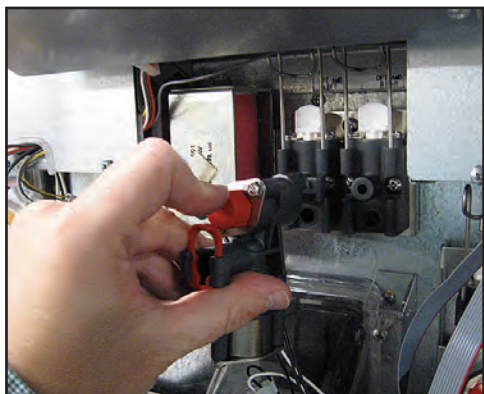




Remove the red plugs from the back blocks.



Install the back blocks and secure with two screws each.



Install the two valves onto the back blocks in the orientation shown.

Connect the newly installed tube assemblies to the valves on the corresponding side and lock in place.

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### Step 5 - Replace MVU Overlays:



Remove the existing 2-button overlays from the MVU. Note which side has the Water button. Be careful not to scratch or mar the surface of the MVU.

Place the 3-button MVU overlays on the MVU, placing the overlay with the water button on the same side as it was previously located.

### Step 6 - Prepare the dispenser for service:

- A. Attach the new syrup flavors to the dispenser on inlets for the ambient syrups.
- B. Pressurize the dispenser and open the back block shutoff valves for the ambient lines. Verify that there are no leaks.
- C. Connect the valve harnesses with the orange wires to the valves for the corresponding side.
- D. Reinstall the MVU cover.
- E. Reinstall the plain water valves.
- F. Power up the dispenser.
- G. Reinstall the drip tray and splash plate.
- H. Refer to the Lancer Bevariety ACIB Installation Guide section 5 (available at [www.lancercorp.com](http://www.lancercorp.com)) for instructions on how to program the MVU.
- I. Adjust the flow rate of the MVU valves as shown in the Installation Guide.
- J. Reinstall the fluorescent bulb.
- K. Reinstall the merchandiser.
- L. Verify operation on the dispenser.