



CORNELIUS INC ■ One Cornelius Place ■ Anoka, MN 55303-6234

Telephone (800) 238-3600

Facsimile (612) 422-3246

## INSTALLATION INSTRUCTIONS

### FFV DISPENSING VALVE

### SYRUP SOLD-OUT SWITCH (P/N 569030016)

This kit is designed to install a syrup sold-out switch on an FFV dispensing valve in use in the field. When the syrup supply pressure to the dispensing valve drops, the sold-out switch will turn off electrical power to the valve. This will prevent wasting of carbonated water and a tasteless drink being dispensed. The valve will turn on again when the syrup side pressure is restored to the operating level. Read and understand these instructions thoroughly before installing this kit. Retain these instructions as part of your equipment manual.

### LOOSE-SHIPPED PARTS

**Note: Only qualified personnel should install this Kit.**

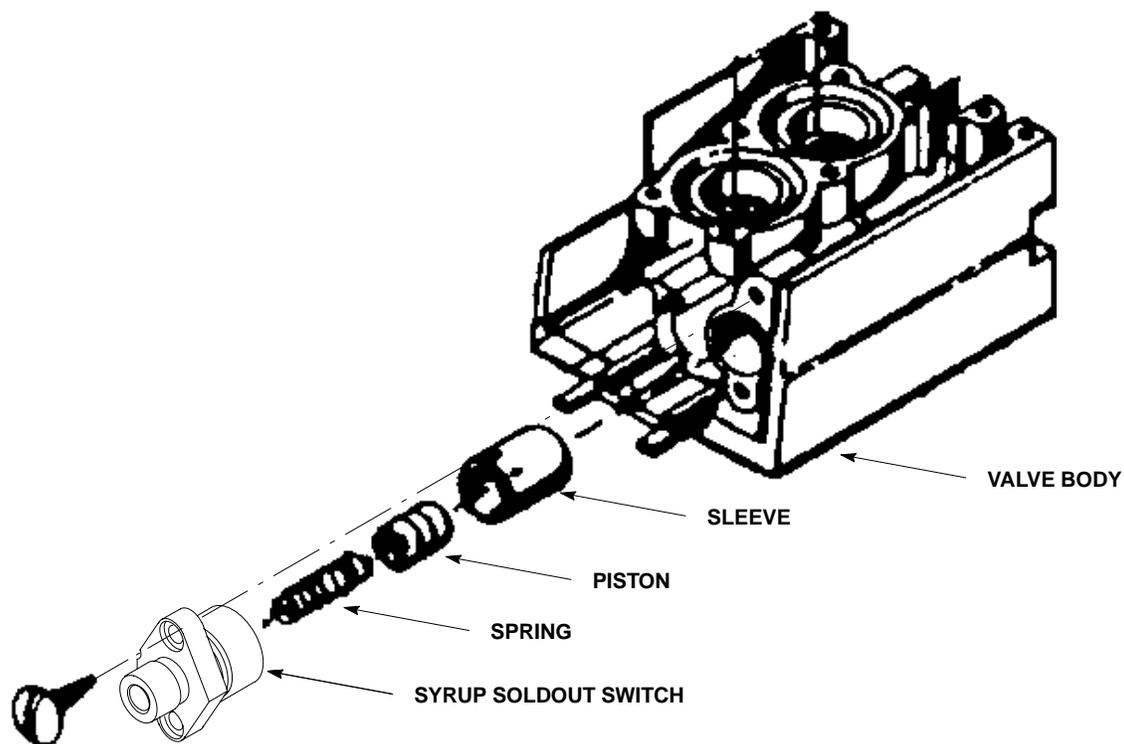
Unpack and inspect kit. Make sure items are present and in good condition.

Item No.	Part No.	Name	Qty
1	561000135	Switch, Syrup Sold Out	1
2	60062038	Terminal, Tab .250	2
3	60076002	Terminal, Receptacle .250 22-18 GA INSL	2
4	560004610	Installation Instructions	1

### INSTALLATION PROCEDURE

(see illustration)

1. Remove the front and rear dispensing valve covers.
2. Shut off all product flow (syrup and carbonated water) at the dispensing valve mounting block.
3. Actuate the dispensing valve to bleed off any product remaining inside the valve.
4. Disconnect dispenser electrical wiring harness connector from the dispensing valve wiring harness connector.
5. Remove dispensing valve from the dispensing valve mounting block.
6. Cut dispensing valve power connector black electrical wire in the middle. Strip approximately 1/4-inch of insulation from each end of the cut black electrical wire.
7. Install one each of TERMINALS (items 2 and 3) on ends of the cut black wire.
8. On front side of the dispensing valve, remove two screws securing the syrup flow regulator in the valve body and remove the regulator. Retain the spring, piston and sleeve as they will be re-used.



9. Install spring, piston, and sleeve in the syrup regulator port, then install the SWITCH, SYRUP SOLD OUT (item 1) in the port and secure with screws provide with the kit.
10. Connect the two black electrical wires, with new terminals installed on their ends, to mating electrical wires terminals of the syrup sold-out switch.
11. Install dispensing valve on the dispensing valve mounting block.
12. Connect dispenser electrical wiring harness connector to mating connector on the dispensing valve wiring harness.
13. Turn on product flow (syrup and carbonated water) at the dispensing valve mounting block.
14. Actuate the dispensing valve until steady stream of product flows from the valve. Check for leaks.
15. Adjust the valve BRIX as instructed in instructions provided with the valve.
16. Install dispensing valve covers.