

# INSTALLATION INSTRUCTIONS

## RETROFIT INSTRUCTIONS FOR PORTION CONTROL VALVE

**1. The 6 Valve Kit (PN 82-1181) includes:**

<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>	<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>
R 19-0198	Portion Control Valve Assy	6	82-1184	Kit, Label	1
R 90-0588	Carton Assy, 6-Pack, <b>LEV®</b>	1	R 28-0125/02	Instruction Sheet, Retrofit for Portion Control Valve (in bag)	1
04-0269	Screw, 8 - 16 x 0.375	6	04-0080	Screw, 10 - 32 x 0.875 (in bag)	24
15-0031	Tape, Insulation	6	02-0376	O-Ring (in bag)	12
R 28-0276/08	Instruction Sheet, Portion Controller with Top Off feature	1	03-0139	Retainer, Double (in bag)	6
R 54-0031	Separator Assy, 3.0 <b>LEV®</b>	1	<b>R</b> in margin indicates change or revision		

**2. The Single Valve Kit (PN 82-1170) includes:**

<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>	<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>
R 19-0198	Portion Control Valve Assy	1	R 28-0276/08	Instruction Sheet, Portion Controller with Top Off feature	1
04-0080	Screw, 10 - 32 x 0.875 (in bag)	4	R 28-0125/02	Instruction Sheet, Retrofit for Portion Control Valve (in bag)	1
02-0376	O-Ring (in bag)	2	<b>R</b> in margin indicates change or revision		
03-0139	Retainer, Double (in bag)	1			
04-0269	Screw, 8 - 16 x 0.375 (in bag)	1			
15-0031	Tape, Insulation (in bag)	1			

**3. Retrofit Instructions (Single Valve Kit)**

- A. Prior to removing the old valve from the mounting block, disconnect syrup and soda sources to depressurize the system. Then activate valve to insure system is totally depressurized.
- B. To access the old valve and mounting block, slide the ID panel up to expose the cover mounting screw. Loosen the screw (do not remove) and lift off the cover. Disconnect the two-pin power connection to the valve. Lift the valve retainer and remove the valve from the mounting block.

**CAUTION**

WHEN INSTALLING O-RINGS, USE CARE NOT TO CUT OR TEAR THE O-RINGS.

- C. If the old mounting block is not replaced, remove the two o-rings and replace them with the two provided in the kit. Continue with step G (below) after removing the new mounting block from the valve assembly (as outlined in step E below).
- D. If replacing the mounting block, remove the old mounting block from the panel by removing four screws. If the syrup and soda lines are not secured to the faucet plate, attach the double retainer to the new mounting block using screw (PN 04-0269) provided in the kit. *Do not tighten the screw head on the retainer. The retainer should rotate freely.*

**NOTE**

Use insulation tape (PN 15-0031 provided in kit) to cover metal edge which may chafe connector wires.

- E. Disconnect the new mounting block from the new valve by first, sliding the ID panel up to expose the cover mounting screw, then loosening the screw (*do not remove*) and lifting off the cover. Second, lift the valve retainer and detach the mounting block.
- F. Slide the mounting block over the syrup and soda fittings and rotate the double retainer into the slots in the fittings. Tighten screw on double retainer. Secure the mounting block to the plate, using the four screws (PN 04-0080) provided in kit.
- G. Install the new valve onto the mounting block. Secure the valve by sliding the valve retainer down to the valve stem. Rotate each valve stem to its open position.
- H. Connect the two-pin terminals together. Replace the cover, tighten the screw, and slide button ID panel down. Reconnect syrup and soda sources to pressurize the system. Assure proper activation of valve.
- I. Refer to adjustment procedure instructions to program drink sizes.

**4. Retrofit Instructions (6 Valve Kit)**

- A. Conduct steps 3A through 3I for each valve.

*Please refer to the Lancer web site ([www.lancercorp.com](http://www.lancercorp.com)) for information relating to Lancer Installation and Service Manuals, Instruction Sheets, Technical Bulletins, Service Bulletins, etc.*



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