

1. GENERAL INFORMATION

This instruction Sheet provides the necessary information to remove the old Liquid Level Control (LLC) Board from the carbonator, and to install a new LLC Board to the carbonator.

1.1 Removal of Old LLC Board

⚠ WARNING CARBONATOR MUST BE UNPLUGGED FROM POWER SOURCE BEFORE ANY COMPONENTS ARE REMOVED OR INSTALLED.

- Unplug the carbonator unit power cord from the electrical outlet.
- Remove Carbonator Control Box Cover.
- Disconnect wires 1, 2, 3, 4, H, L, and G, and remove the LLC Board from the carbonator.

1.2 Installation of New LLC Board

- Before installation, make any desired configuration changes. Refer to configuration section.
- Install the new LLC Board to the carbonator.
- Reconnect wires 1, 2, 3, 4, H, L, and G to the LLC Board (see Figure 1). For Non-diagnostic applications confirm SW1 pos 1 is off.
- Install Carbonator Control Box Cover. Secure the Cover with the two (2) Enclosure screws.
- If a test switch is installed on the carbonator control box, remove any "TEST SWITCH ONLY" label and affix the included label around the switch.
- Plug carbonator unit power cord into electrical outlet.

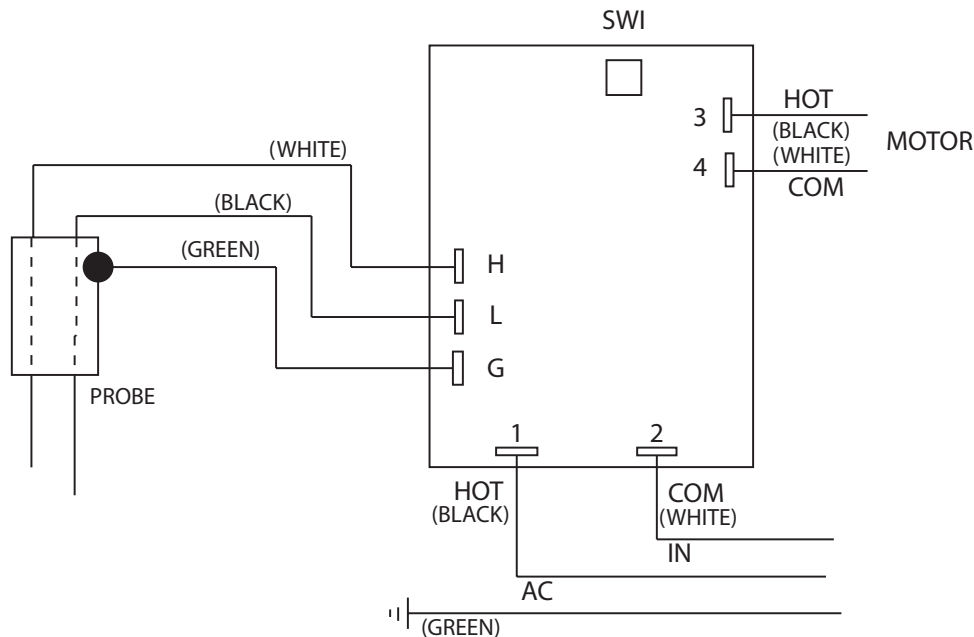


Figure 1

⚠ This Instruction Sheet supersedes and replaces 28-0039/02, dated 07/12/07 ⚠

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To order parts, call Customer Service: 800-729-1500 - Warranty/Technical Support: 800-729-1550

Email: custserv@lancercorp.com - website: www.lancercorp.com

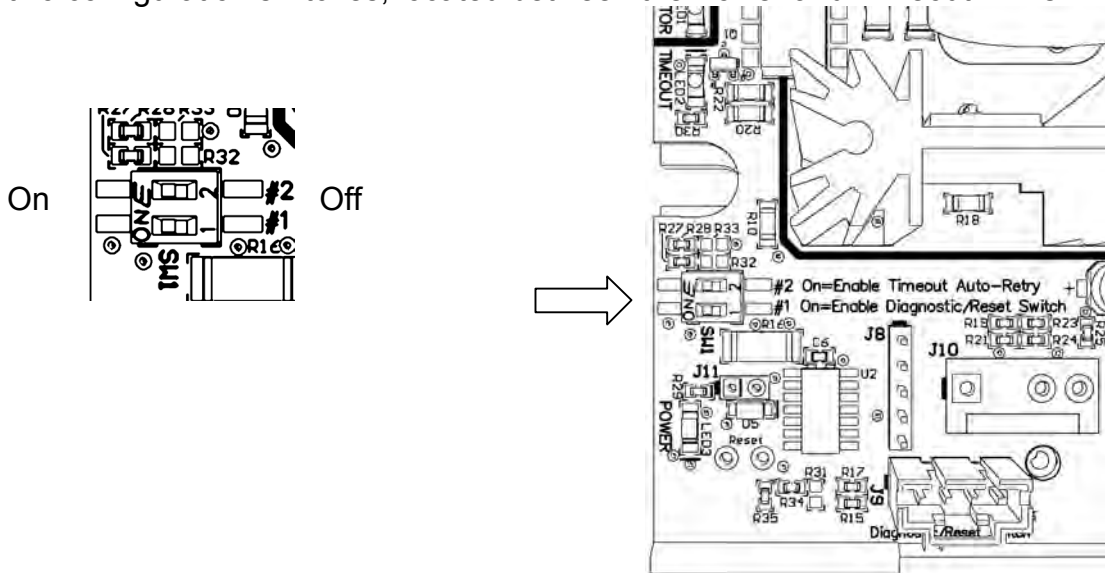
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6. Configuration

The new carbonator PCB assemblies 64-5076 (230V) and 64-5081 (115V) have two configuration switches, located between the Power and Timeout LEDs:



These switches can be switched with a small screwdriver or a ballpoint pen. Toward the edge of the board is On, toward the center is Off.

| | On | Off |
|--|--|--|
| Pos 1 — Enable Diagnostic/Reset Switch | Switch must be connected to J9 Pressing and holding the switch connected to J9 will test the motor. Releasing the switch will reset any timeout. | J9 may be empty (no jumpers required). Any connected switch is ignored. |
| Pos 2 — Enable Timeout Auto-Retry | If the tank fails to fill within 3 minutes, the carbonator times out and will attempt to fill itself every 15 minutes for 3 hours. If it succeeds, normal operation will resume. The timeout LED will blink slowly within the 3 hours, then quickly after. | If the tank fails to fill within 3 minutes, the carbonator times out and never retries. The timeout LED will turn on continuously when the carbonator times out. |

2. LANCER CARBONATOR LIQUID LEVEL CONTROL SPECIFICATIONS

| | | |
|---------------|---|------------------|
| INPUT VOLTAGE | 52-1677/01 | 115 VAC 50/60 Hz |
| | 52-2962 | 230 VAC 50/60 Hz |
| OUTPUT | 1/3 HP Motor Maximum 115 VAC or 230 VAC | |
| PROBE | 14 VAC @ .002 AMP Maximum | |

⚠ Please refer to the Lancer web site (www.lancercorp.com) for information relating to Lancer Installation and Service Manuals, Instruction Sheets, Technical Bulletins, Service Bulletins, etc. ⚠