

The following illustrates how to convert an electronic ice bank control on a Lancer Delta unit from a Series I to a Series II.

Kit Contents - PN 82-2946

<u>Part No.</u>	<u>Description</u>	<u>Qty</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty</u>
52-1423/01	PCB Assembly, EIBC Series II	1	12-0190	Terminal Block	1
13-0047	Standoff, PCB	4	11-0186	Jumper, Terminal Block	2
04-0477	Screw, 8-32 x .375	2	52-2061	Lead Assy, PCB to Terminal Block	2

Removal and Installation

WARNING

DISCONNECT DISPENSER FROM POWER SOURCE BEFORE PROCEEDING

- Remove Bonnet from unit and set aside. Locate Control Box Housing. Remove screw and remove cover.
- Disconnect the leads from the Carbonator Start Capacitor, and remove the Capacitor from the Housing by removing the nut on the outside of the Housing.
- Disconnect the following leads from the Terminal Block below the PCB:
 - Compressor line and neutral
 - Agitator Motor line and neutral
- Disconnect the line side leads from the Transformer.
- Disconnect the ground leads from the ground stud on the Compressor Deck.
- Disconnect the Power Cord from the Extension Cord set.
- Disconnect the Carbonator Motor leads from the bulkhead connector.
- Disconnect the following from the PCB:
 - Power Input lead (J1)
 - EIBC Probe lead (J2)
 - Carbonator Probe lead (J3).
- Finally, disconnect and remove the PCB by sliding it up and out of the Housing.
- Remove the three screws securing the Control Box to the Compressor Deck and lift the Control Box away from the Compressor Deck.
- Place the Control Box on a flat surface. Disconnect all remaining leads from the Terminal Block.
- Remove the two screws securing the Terminal Block to the Control Box and discard the screws and the Terminal Block.
- Remove the PCB Edge Guides from the Control Box by squeezing together the tabs protruding through the back of the Box. Discard the Edge Guides.
- Using a 1/8" drill bit, enlarge the Terminal Block screw holes to accommodate the new screws.
- Using a 1/4" drill bit, enlarge the four holes where the Edge Guides were located.
- Locate the four new PCB standoffs in the kit and place one in each of the holes that were just enlarged. As each one is installed, lock it in place by pressing the top down until a click is heard.
- Locate the new Terminal Block and screws, and attach the Terminal Block to the Control Box securely.
- Place the new PCB onto the standoffs. Lock each standoff by turning the screw on top 1/4 turn.
- Refer to Figure 1. Locate the Terminal Block Jumper Strips. Loosen all screws in the Terminal Block.
- Place the Jumper Strips at the positions indicated in Figure 1. Lightly tighten one screw on each Strip to hold them in place until wiring is finished.
- Refer to Schematic (Figure 3) and Connection Chart (Figure 2). Begin wiring by connecting the Power Cord leads first, then the Carbonator leads, then the Recirculating Motor harness, and then the Transformer leads. Locate the two new leads in the kit. Connect one between Terminal 4 on the PCB and position 2 on the Terminal Block. Connect the other lead between Terminal 2 on the PCB and position 1 on the Terminal Block.