

INSTRUCTION SHEET

16200144

Description: CPI Control Board Replacement Kit for Compact Ovens

Contents:

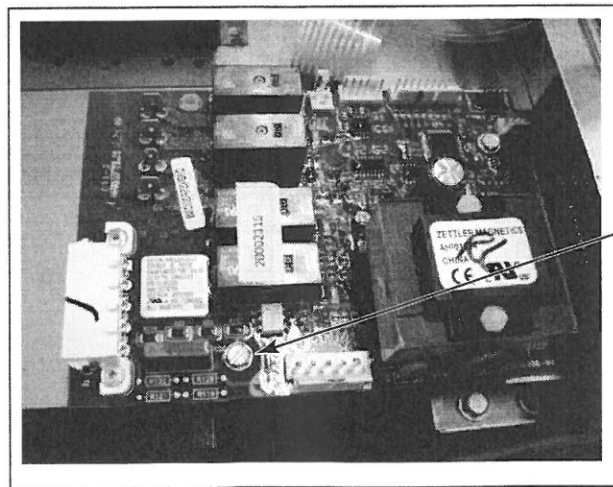
- 1 – CPI HV /LV Control Board
- 1 – Wire Harness Adapter
- 1 – Modification Label
- 1 – Wire Tie
- 3 – Butt Connectors (spare)
- 1 – 16200144 Instruction Sheet



WARNING

To avoid risk of electrical shock, personal injury or death; disconnect electrical power and discharge capacitors before servicing.

1. Remove outer case.
2. Disconnect wires and display ribbon connector from existing HV/LV board.
3. Remove hex head screws in existing control board. Leaving wires attached, move board to side.
4. Install new HV/LV board from kit using one hex head screws. (Figure 1).
5. Open the door, remove the antenna shield, and retrieve red screw thread cap.



Use this screw only

Figure 1

6. Connect display ribbon connector and wire harness adapter wires to new board from kit. Use wiring diagram shown below to connect wire harness adapter to the new HV/LV control board (Figure 2).

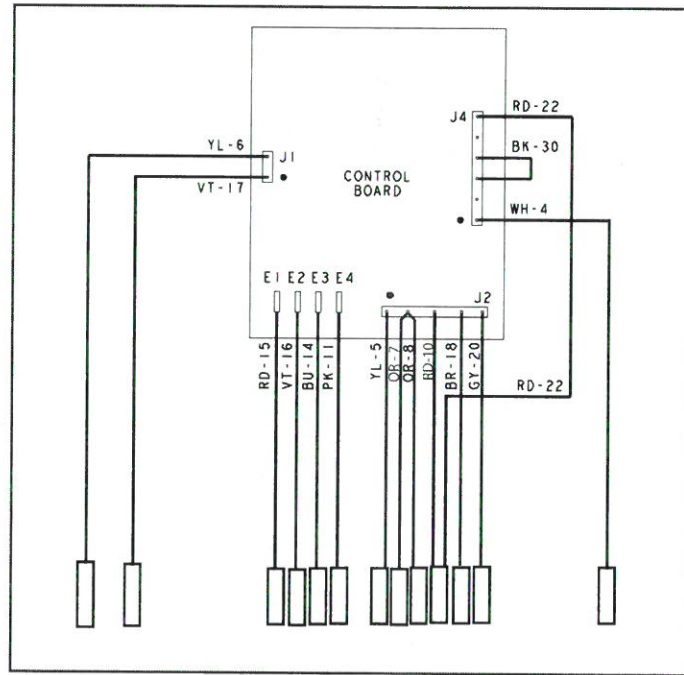


Figure 2

7. One at a time, cut terminals off and strip approximately 1/4" of insulation off of oven's existing wiring harness ends at the HV/LV board. Insert each stripped wire into butt connector of matching wire in the new harness adapter. Carefully crimp butt connector with terminal pliers and check wire for a tight connection. Use chart below to match oven wire harness wires to wire harness adapter.

Oven Wire Harness	Wire Harness Adapter
RD-15	RD E1
VT-16	VT E2
BU-14	BU E3
PK-11	PK E4
YL-5	YL J2
YL-6	YL J1
OR-7	OR J2
OR-8	OR J2
RD-10	RD J2
	Discard old RD22 & Connector
BR-18	BR J2
GY-20	GY J2
WH-4	WH J4
VT-17	VT J1

