



## DUAL SH DBC FRESHNESS AUDIBLE ALERT KIT INSTRUCTIONS

### GENERAL

The purpose of these instructions is to serve as a guide when installing one of the following kits and to provide a list of service replacement parts.

#### **43147.0000 AUDIBLE ALERT KIT:**

02618.0000 Relay, 120V SPDT  
07441.0000 Bracket, Solenoid/Relay Mounting  
02328.0000 Screw, Pan Head #6-32 X .375"  
01510.0000 Lockwasher, Ext. Tooth #6  
43142.0000 Wiring Harness

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43142.0000 Wiring Harness  
29969.1040 Circuit Board Assy, Dual SH DBC

### INSTRUCTIONS

**WARNING:** Disconnect the brewer from the power source before the removal of any panel or replacement of any component.

1. Remove the Top Cover, Front Access Panel and the Server Platform Cover from the Brewer.
2. Remove the Keps Nut securing the Transformer Holddown Strap, Fig 1.
3. From the Kit, position Relay/Mounting Bracket Assembly over stud and secure with the Keps Nut.
4. Disconnect the white wire of the Main Harness, from the Refill Valve.
5. Connect the piggy back terminal on the short white wire of the Relay/Bracket Assembly to the Refill Valve and the white wire of the Main

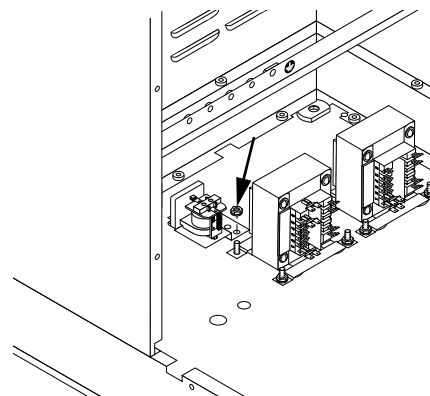
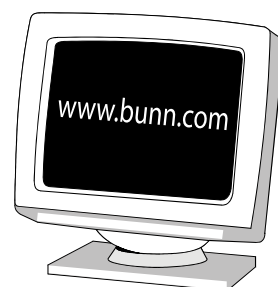


FIG 1

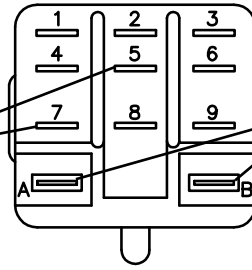
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## BUNN-O-MATIC CORPORATION

POST OFFICE BOX 3227  
SPRINGFIELD, ILLINOIS 62708-3227  
PHONE: (217) 529-6601 FAX: (217) 529-6644



Violet wires from terminals 5 & 7 of the relay to be routed out the bottom of brewer thru the power cable connector



WHITE wires from terminals A & B of the relay to refill valve and J11-1 on main circuit board

FIG 2

Harness to the piggy back terminal.

6. Loosen the clamp on the power cable connector and push the 2 violet wires thru connector so they extend out the bottom of the brewer, tighten the clamp.
7. Route the long white wire of the Relay/Bracket Assembly up to the Main Control Board located in the hood.
8. Refer to Fig 3, disconnect the Main Harness from J11 connector of the Main Control Board. Refer to Fig 4, locate the open port (J11-1) of the Main Harness Connector and insert the terminal of the long white wire from the Relay/Bracket Assembly.

**Note:** The Terminal must lock into the Connector. When inserting terminal into connector, the split side of the terminal must be facing the locking side of the connector as shown, for the terminal to lock in place.

9. If a new Main Control Board is included in the Kit, proceed to step 11. If the Kit does not include a new Main Control Board, reconnect Main Harness to Main Control Board and continue to step 10.

10. Connect USB Flash Programmer #40413.1009 to connector J1 on the Main Control Board to flash new software into the Control Board, then proceed to step 16.

11. Refer to Fig 5, disconnect the funnel sensor(s) from connector J9, the ribbon cable from connector J4, and the level probe harness and server detect harness from connector J2 on the circuit board.

12. Remove the two mounting nuts securing the top of the circuit board to the hood.

13. Tilt the circuit board inward to clear the display section and lift out of the circuit board mount.

14. Place the bottom edge of new control board in the control board mount (as shown), tilt the board forward, and secure top of control board with the two mounting nuts.

15. Refer to Fig 5, connect all wires to the circuit board.

16. Install all Panels and Covers on the Brewer. Audible Alarm may now be connected to the 2 violet wires extending out the bottom of the Brewer.

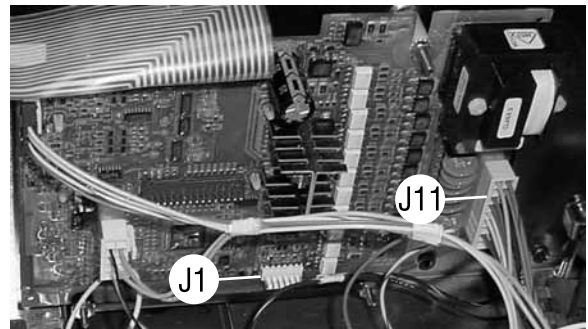


FIG 3

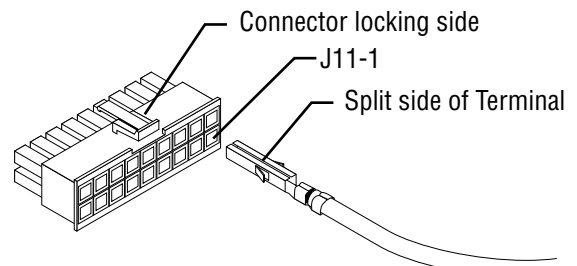


FIG 4

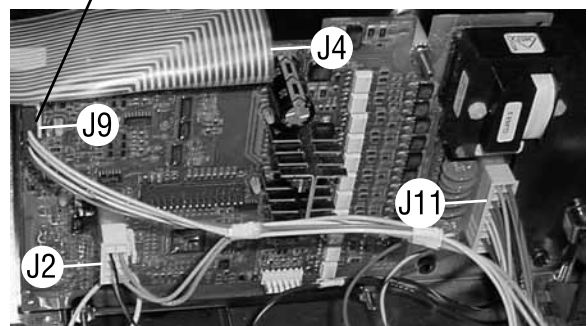
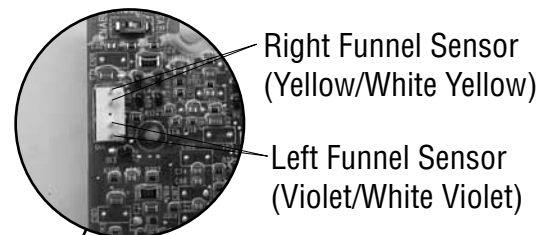


FIG 5