



## Sabbath Mode Accessory 700 Tall Series (700TR, 700TC/I, 700TFV, 736TC/I) 4204500

CONTAINS:	QUANTITY	PART NUMBER	DESCRIPTION
	1	3024970	W/H, Star-K Assy. O/U
	1	3026170	W/H, Star-K Assy. 700 Series
	1	3752840	Bag, Zip-Lock 10 x 12
	1	3758573	Diagram, 700 Tall Star-K Wiring
	1	6120440	Wire Splice, #53440-2
	1	6230640	Tape, Double-Sided Sided 1/2" Wide
	1	3758572	Instructions, Star-K, 700 Tall

When placed in Sabbath Mode with addition of harness, unit will operate as described below:

- The door can be opened/closed at any time without concern of directly turning on or off any lights, or affecting digital readouts, solenoids, fans, valves, compressors, icons, tones or alarms.
- Any defrost cycle that becomes active will not be a function of number of times or length of time that door is opened.
- The ice maker is disabled automatically ( where applicable). Ice cubes can then be made manually (using a standard ice cube tray) as needed for that Sabbath/Holiday.
- All dispenser functions are deactivated.
- In the event of a power failure, unit will return to mode when power is restored.

### INSTALLATION PROCEDURE:

Included in this package are two relay harnesses: one with a longer white wire, and one with a shorter white wire. A harness is needed for both upper and lower sections of unit.

**NOTE: Unplug unit. Severe shock may occur during installation if not unplugged. Installer will be handling live wires if unit is not unplugged.**

**NOTE: Wires colors may vary from unit to unit. Use included illustrations for installation when actual colors on unit differ from instructions.**

#### UPPER SECTION (DOOR SECTION):

1. Locate relay harness with shorter white wire.
2. Remove trim piece at top of unit that covers switch box. Remove switch box by removing screws fastening it to top of unit (See Fig. 1).
3. There should be 5 wires atop unit. **With unit off**, remove yellow wire from light switch and both wires from fan switch.
4. The following connections should be made between cabinet harness and relay harness (See Fig. 2):
  - A. Yellow relay harness wire to yellow cabinet wire.
  - B. Fan switch wire (from compressor; on some units, wires to fan switch are same color. It must be wire from compressor--or board when off-cycle fan is enabled) from cabinet to black relay harness wire.
  - C. Other fan switch wire from cabinet to red harness wire.
5. The following connections should be made between relay harness and switches on unit (See Fig. 2):
  - D. Yellow relay harness wire to light switch.
  - E. Purple relay harness wire to fan switch.
  - F. Red relay harness wire to fan switch.
  - G. Re-install switch box being sure that all wires and relay are inside switch box.
  - H. Re-install trim piece.

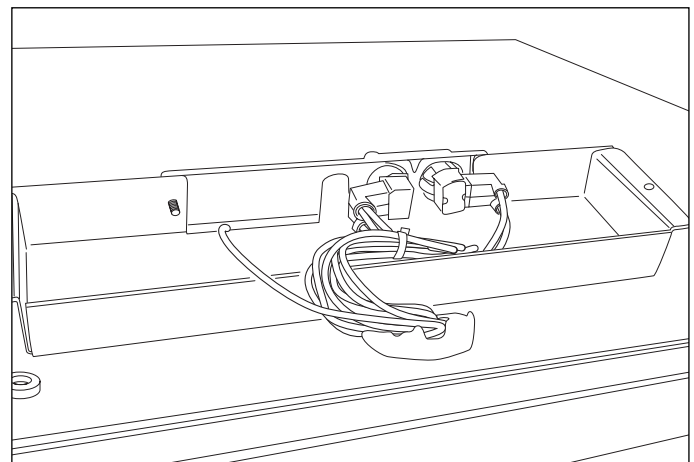


Figure 1

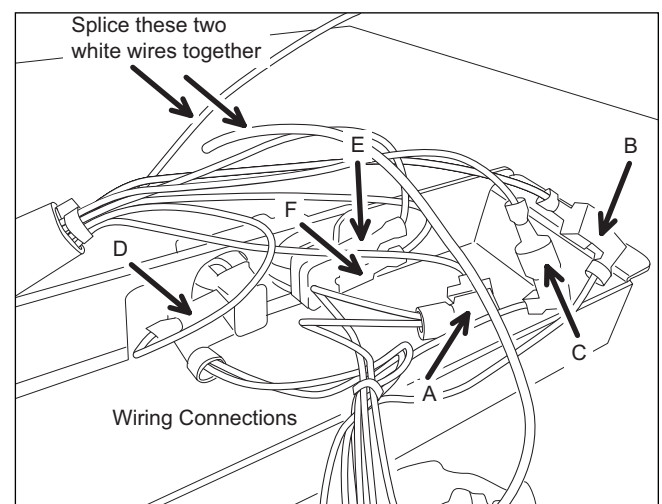


Figure 2

### LOWER SECTION (DRAWER SECTION) 700TR:

1. Remove upper and lower drawers. Remove coldplate, being sure to disconnect fan from cabinet harness.
2. Disconnect cabinet harness from switch box harness located in upper right corner of lower section. Remove switch box from lower section.
3. With switch box removed, disconnect yellow wire from upper light switch, purple wire from upper fan switch, and red wire from lower fan switch (See Fig. 3).
4. Locate relay harness and remove backing from double-sided tape on relay. Place relay in corner of switch box as seen in figure 4.
5. The following connections should be made between relay harness and switch box harness (See Fig. 5 & 6):
  - A. Purple switch box harness wire to purple relay harness wire.
  - B. Yellow switch box harness wire to yellow relay harness wire.
  - C. Red switch box harness wire to red relay harness wire.
6. The following connections should be made between relay harness and switches in switch box (See fig. 5 & 6):
  - D. Yellow relay harness wire to upper light switch.
  - E. Purple relay harness wire to upper fan switch.
  - F. Red relay harness wire to lower fan switch.
7. Run white wire through grommet where switch box harness enters switch box. Splice white wire from relay harness with white wire on evaporator fan.
8. Re-install switch box in unit, being sure that all of the connections between harnesses are made. Be sure cabinet thermistor is routed through grommet at lower part of switch box.

### 700TC, 700TF, 736TC:

1. Remove coldplate, fan shroud, and switch box from unit.
2. With switch box removed, disconnect the following wires from switches (See Fig. 7):
  - A. Yellow wire with blue connector from upper light switch.
  - B. Purple wire from upper fan switch.
  - C. Red wire from lower fan switch.
3. Locate relay harness and remove backing from double-sided tape on relay. Put relay in position as shown in figure 8.

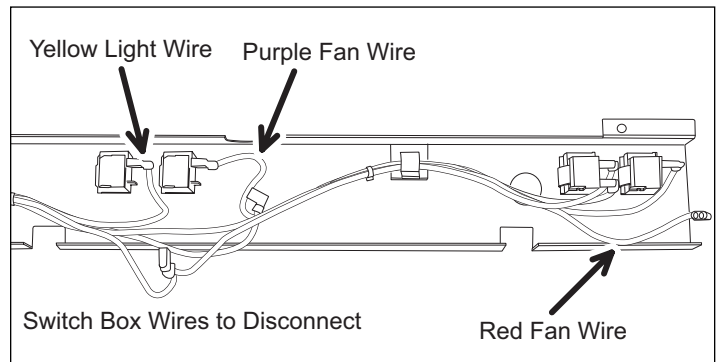


Figure 3

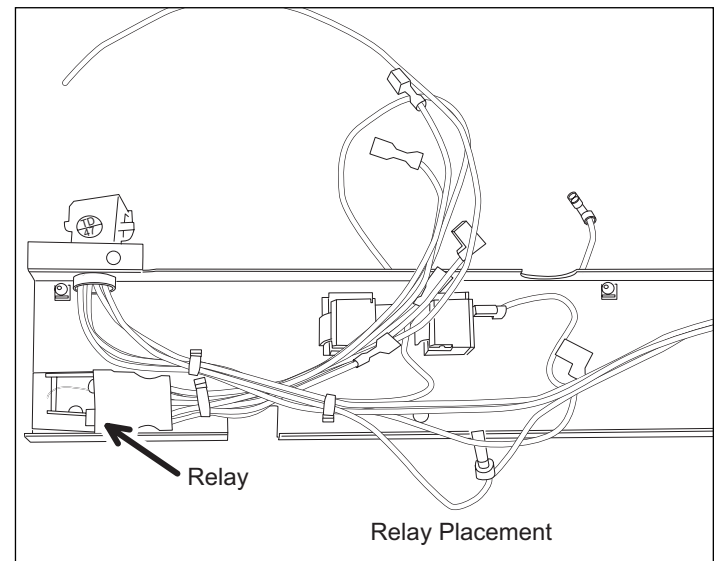


Figure 4

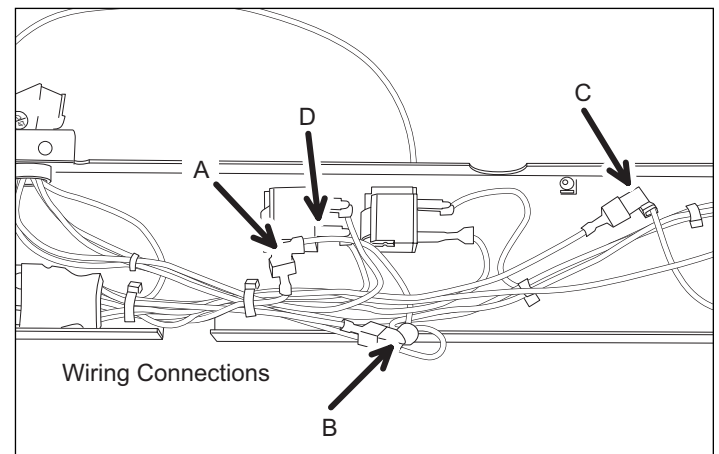


Figure 5

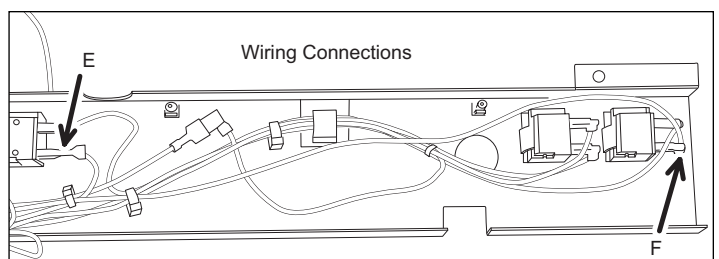
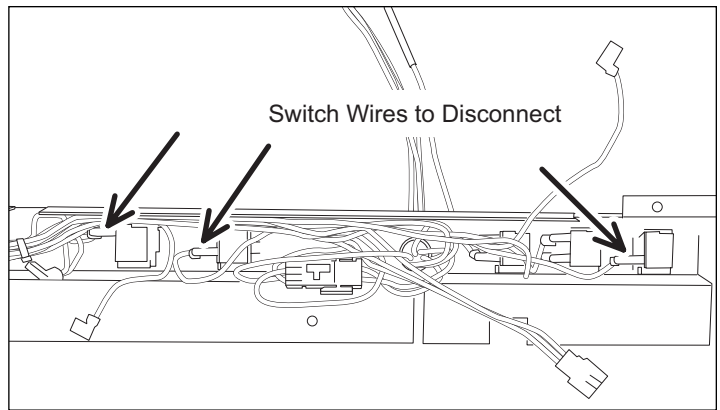


Figure 6

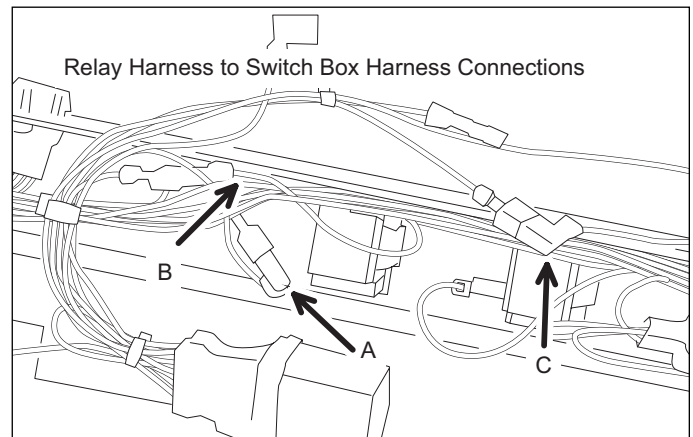
4. The following connections should be made between switch box harness and relay harness (See Fig. 8):
  - A. Yellow relay harness wire to yellow switch box harness wire.
  - B. Purple relay harness wire to purple switch box harness wire.
  - C. Red relay harness wire to red switch box harness wire.
5. The following connections should be made between relay harness and switches (See Fig. 9):
  - D. Yellow relay harness wire to upper fan switch.
  - E. Purple relay harness wire to upper fan switch.
  - F. Red relay harness wire to lower fan switch.
6. Re-install switch box in unit, being sure that all of the connections between harnesses are made. Be sure trough heater is properly installed.
7. Run white wire through grommet where switch box harness enters switch box. Splice white wire from relay harness with white wire on evaporator fan.



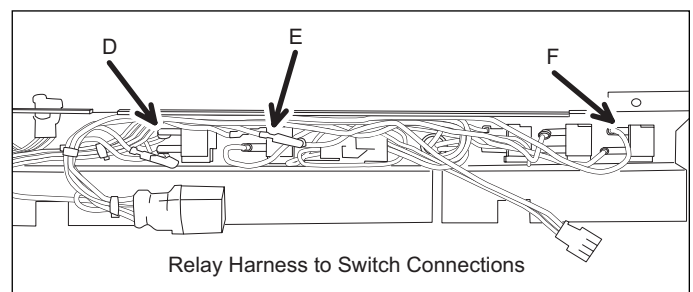
**Figure 7**

**TESTING AND VERIFYING HARNESS:**

1. Plug lower evaporator fan into cabinet harness and plug unit in.
2. When lower section compressor turns on, depress both of fan switches. With both switches depressed, fan should run. Release either fan switch, and fan should turn off.
3. Depress both light switches. With both light switches, both lights should turn off. Release either light switch and that corresponding light should turn on.
4. When upper section compressor turns on, open door and lights should be on, fan should be off.
5. Depress fan switch, fan should turn on. Depress light switch, lights should turn off.
6. Turn unit off.
7. With unit off, press and hold "UNIT ON/OFF" key for 10 seconds. Lights should initially turn on, and remain on until 10 seconds has passed. Lights will turn off and display will be blank. Unit is now in Holiday Mode.
8. Wait for upper section compressor to turn on. When compressor turns on, the evap. fan should turn on. Press fan switch, the fan should remain on regardless of fan switch position.
9. Also, lights should remain off regardless of light switch position.
10. Wait for lower section compressor to turn on. When compressor turns on, evap. fan should turn on. Press upper drawer fan switch, fan should stay on. Press lower drawer fan switch, fan should stay on. Press both fan switches at the same time, fan should stay on regardless of position of either switch.
11. Also, lights should remain off regardless of light switch positions.
12. Re-install any fan shrouds, coldplates, and both lower drawers.
13. If unit is equipped with defrost, force defrost to clear evap. of any ice that may have formed during installation.
14. Place wiring diagram addendum in wire diagram bag in unit area.



**Figure 8**



**Figure 9**