

# Instruction Sheet

## for Fascia Heater and Rear Adapter Kit

### Kit Contents:

- 1 Fill Tube Heater
- 1 Ice Box Cover
- 1 Permagem
- 1 Wire Tie
- 1 Adapter Assy.
- 1 Gasket-Rear Wall Seal
- 1 Gasket-Rear Return
- 1 Gasket-Rear Supply
- 1 Jumper Harness
- 1 Fascia Heater Assembly
- 1 Supplemental Wiring Sheet (Insert)
- 1 Instruction Sheet

### Tools Needed:

- 1/4" Nut Driver
- Wire Cutter
- Ice Pick or Small Screwdriver
- Inspection Mirror

## ⚠ WARNING



**Electrical Shock Hazard**  
 Disconnect power before servicing.  
 Replace all parts and panels before operating.  
 Failure to do so can result in death or electrical shock.

1. Unplug refrigerator or disconnect power.
2. Open both refrigerator compartment doors.
3. Remove all items from top shelves and remove shelves. See *Figure 1*.

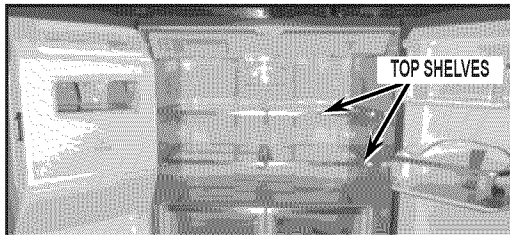


FIGURE 1

4. Remove ice box fascia using a flat blade screwdriver and discard. If your ice box assembly has a revised ice box fascia with heater, you will need to disconnect the fascia heater wiring harness. See *Figure 2*.

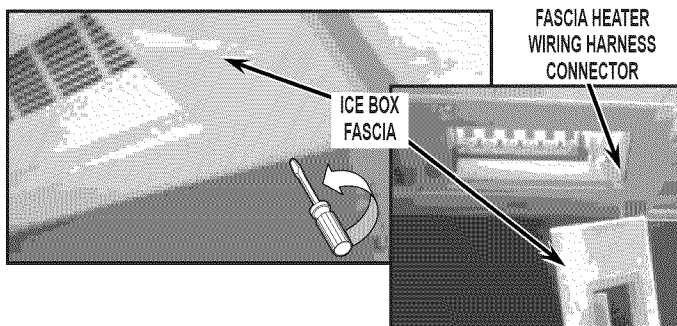


FIGURE 2

5. Locate water filter door and remove water filter; (place water filter to side). See *Figure 3*.

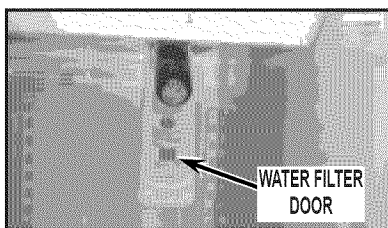


FIGURE 3

6. Using a 1/4" nut driver remove the two screws from under the water filter door. See *Figure 4*.

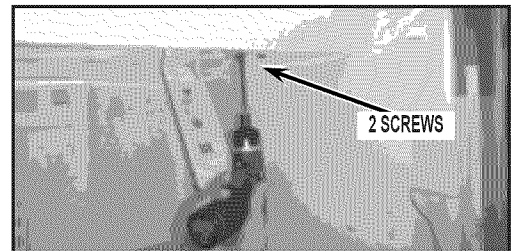


FIGURE 4

7. Starting from the ice box side, place a flat head screw driver between the water reservoir cover and RC liner creating enough room to place your hand between the two. See *Figure 5*.



FIGURE 5

8. Working from left to right, slide your hand between the water reservoir cover and RC liner to disengage the snaps. See *Figure 6*.



FIGURE 6

9. Disengage rear left snap. See *Figure 7*.



FIGURE 7

10. To remove the water reservoir cover, slide it completely forward and disconnect LED lighting connection. Place to side. See Figure 8.

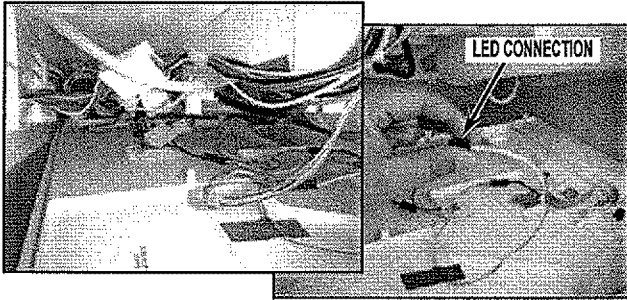


FIGURE 8

**IMPORTANT:** There are 2 sets of 12 pin connectors under the water reservoir cover.

12 pin Ice box connector (14VDC - SMALLER DIAMETER WIRES).

12 pin cabinet harness connector (120V - LARGER DIAMETER WIRES) located near the back wall.

**NOTE:** It is important to match these connections correctly in order for the ice maker and facia heater to function properly.

11. Connect 12 pin jumper harness supplied with kit to rear 12 pin cabinet harness connectors with larger size wires. See Figure 9.

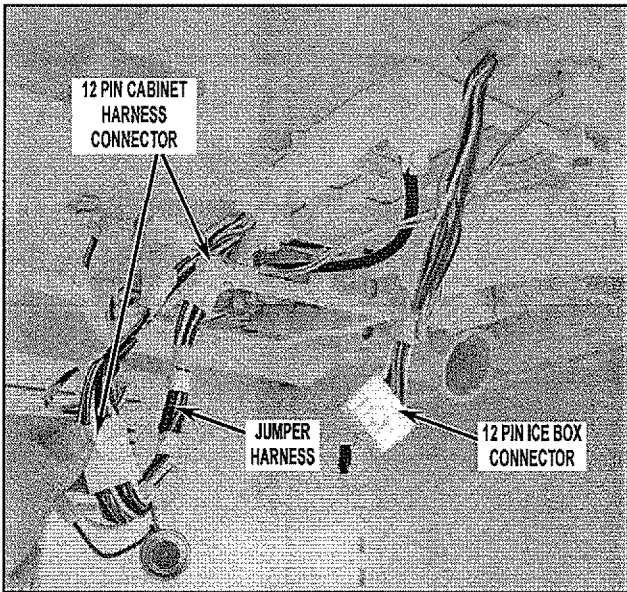


FIGURE 9

12. Disconnect electrical connections to ice box assembly. See Figure 9 and 10.

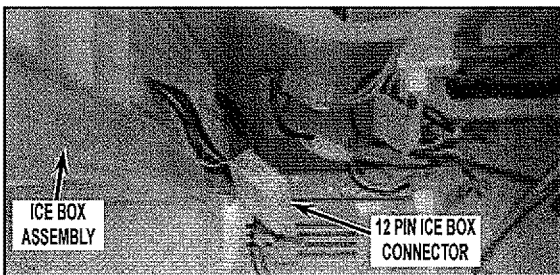


FIGURE 10

13. Disconnect ice maker fill tube from water valve.
14. Locate the two 1/4" screws attaching the ice box assembly and remove using 1/4" nut driver. Slide ice box assembly forward to remove. See Figure 11.

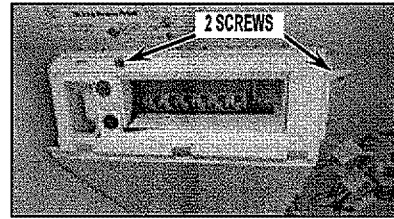


FIGURE 11

15. Remove the adapter from the ice box assembly. Use flat head screwdriver to release 4 tabs holding the adapter to the ice box and discard adapter. See Figure 12.

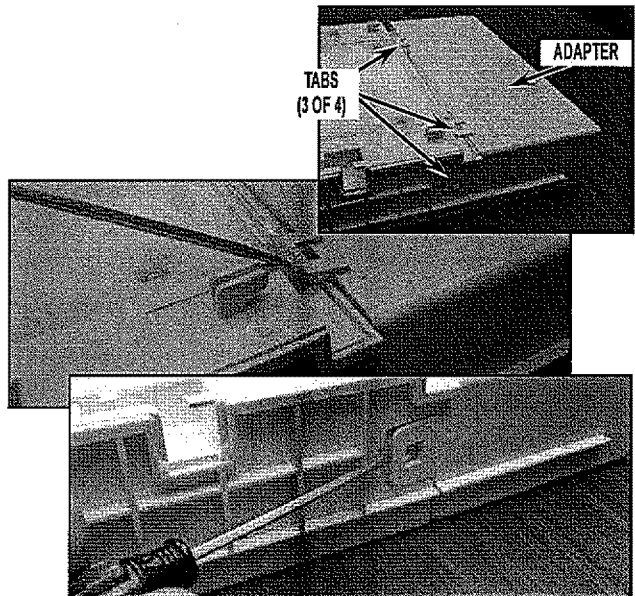


FIGURE 12

16. Remove rear return and rear supply gaskets from ice box assembly and discard old gaskets. See Figure 13.

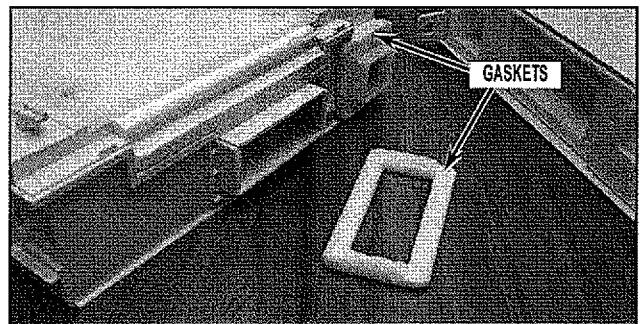


FIGURE 13

17. Replace the rear supply and rear return gaskets that were on the old ice box with the new ones that come in the kit. Install the new adapter assembly onto the back of the ice box.

18. Remove foil fill tube heater from the ice maker fill tube on the ice box and discard. See *Figure 14*. If your ice box assembly had a revised ice box fascia with fascia heater, you will need to remove the wires and grommet from the ice box cover.

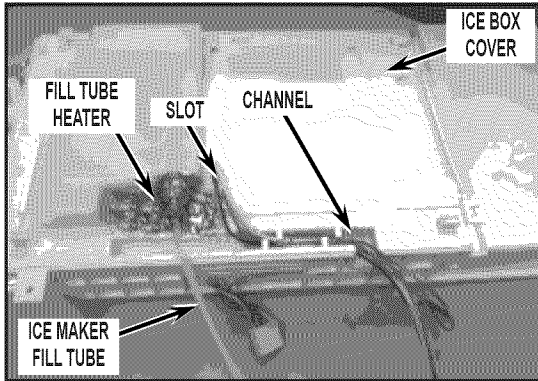


FIGURE 14

**NOTE:** Skip ahead to step 23 if your ice box assembly had a revised ice box cover with through hole (fascia heater and grommet). See *Figure 15*.

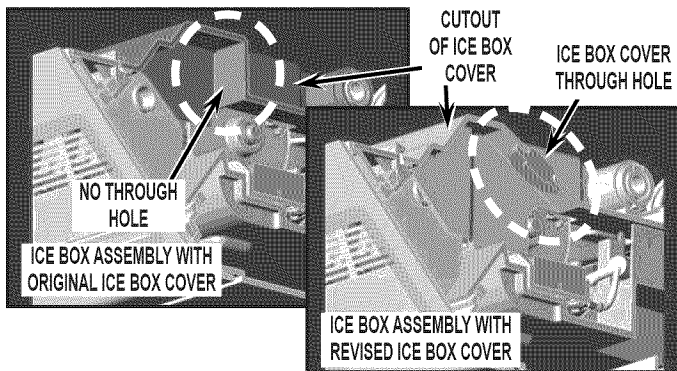


FIGURE 15

19. Remove all wires from channel on ice box assembly. See *Figure 14*.
20. Use a straight blade screw driver to remove 5, 1/4" screws securing the ice box cover to the ice box assembly. Remove ice box cover while guiding ice maker harness through slot in ice box cover. See *Figure 14*.
21. Remove ice maker fill tube by pushing into ice box cover. Push ice maker fill tube into new ice box cover, be sure orientation is correct. Feed ice maker harness through slot in new ice box cover. See *Figure 14*.
22. Attach new ice box cover to ice box using screws removed in step 20. Be sure to tuck new ice box cover under the lip on the ice maker assembly. See *Figure 16*.

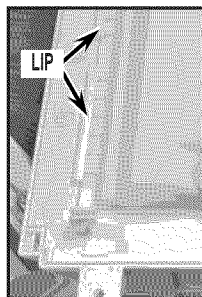


FIGURE 16

23. Attach the new fill tube heater supplied with the kit onto the ice maker fill tube on the ice box assembly. Route wires into channel. See *Figure 17*.

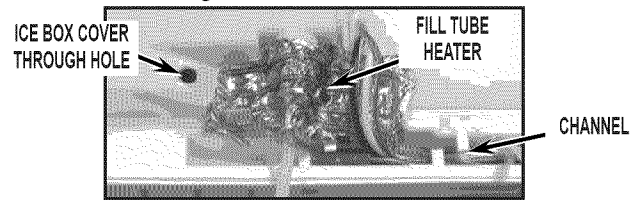


FIGURE 17

24. Locate the through hole on top of ice box cover. Slide wires from new fascia heater through front of ice box and through the through hole. See *Figure 17*.
25. Continue to pull connector and wires from new fascia with heater through the ice box cover through hole until the tape (or mark) on wire harness is outside of ice box cover. Add permagum to outside of ice box cover through hole, securing location of harness. See *Figure 18*.

**NOTE:** It is very important to add the permagum to the ice box cover through hole where the heater wire passes through to prevent air leaks. DO NOT skip this step. Make sure permagum covers hole completely and is secure.

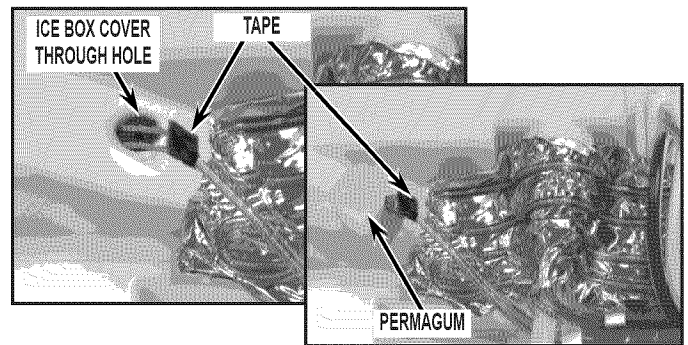


FIGURE 18

26. Route heater wires through channel and out channel exit on top of ice box so that the fascia heater connector exits the ice box at the same location as the other wires. Attach wire tie to secure all wires to harness in channel, clip off excess wire tie and re-secure permagum. See *Figure 19*.

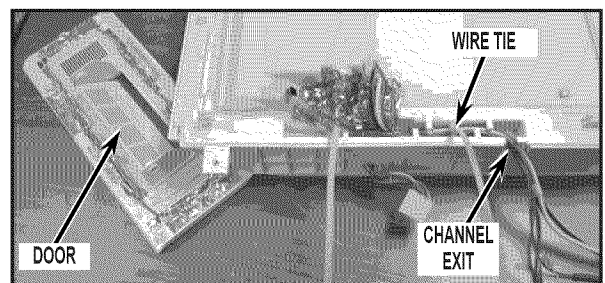


FIGURE 19

**IMPORTANT:** This unit may or may not have a seal on the back wall of the liner. Remove any seals that might be on back wall of liner. Do not remove seal on back of ice maker. Clean and dry area on the back wall where the new seal will go, warm with a heat gun to bring to room temperature. See *Figure 20*.

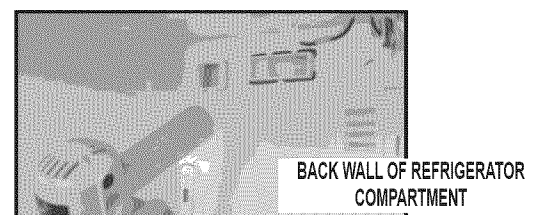


FIGURE 20

27. Peel paper backing half-way off new gasket. Position gasket to touch bottom of air ducts with adhesive side on the liner. See *Figure 21*. Apply gasket to back wall of liner.

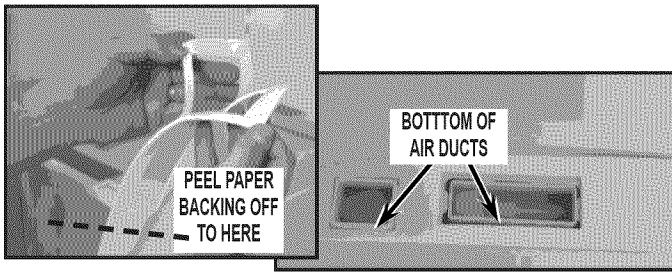


FIGURE 21

28. Peel remainder of paper backing off new gasket after positioning behind top of tower. See *Figure 22*.

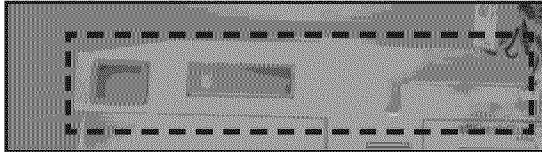


FIGURE 22

29. Position ice box assembly over air ducts on the rear wall of the cabinet while engaging the hooks on top of the assembly into the slots in the top of the cabinet. See *Figure 23*.

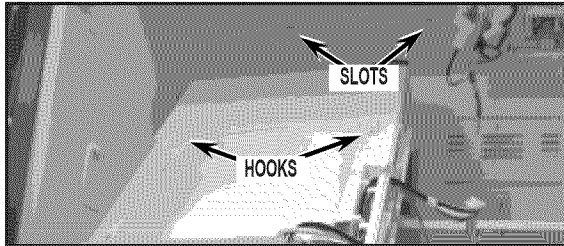


FIGURE 23

30. With new fascia hanging from front of ice box, reinstall ice box assembly using 2 screws removed in step 14. You will need to exert considerable force when installing the ice box in order to line up the screw holes. See *Figure 24*.

**IMPORTANT:** Drive front and side ice maker screws while holding ice pick or small screwdriver in front holes and pushing back on ice maker with it.  $\frac{3}{4}$  of the hole should be showing after screws are driven or ice maker is too far forward.

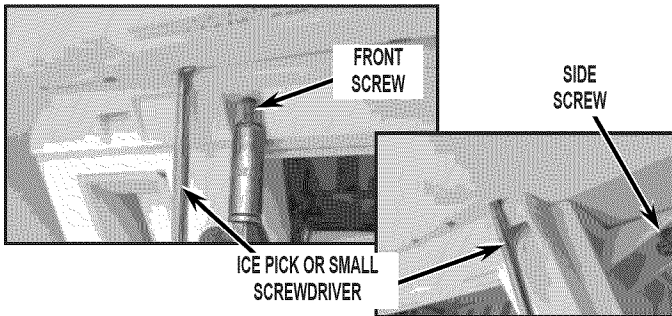


FIGURE 24

31. Using an inspection mirror, inspect seal at back of ice box to verify there are no gaps. See *Figure 25*.

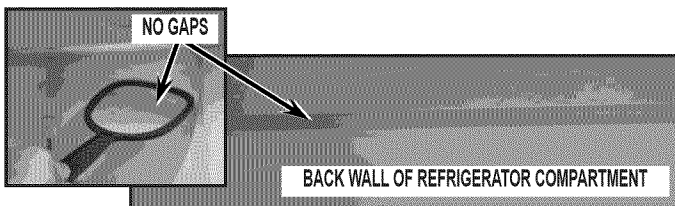


FIGURE 25

32. Reinstall new fascia heater assembly to ice box making sure it is securely snapped. Remove fascia door and verify new fascia heater wires do not interfere with ice maker operation.
33. Connect fascia heater to jumper harness. Reconnect ice box connector (12 pin 14VDC ice box connector that was disconnected in Step 12) and remaining connectors. Make sure wire colors and wire sizes match and tuck wires away from the water reservoir cover. See *Figure 26*.

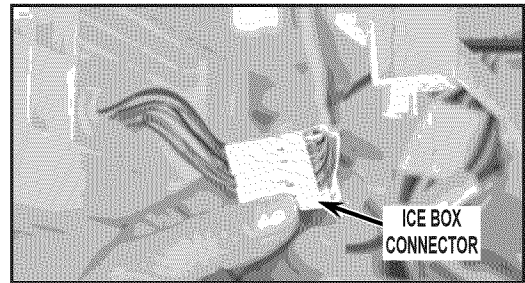


FIGURE 26

34. Reconnect ice maker fill tube to water valve, pull on the tube after insertion and make sure it does not dislodge.
35. Reinstall water reservoir cover, make sure to reconnect LED light connections.
36. Reinstall water filter and replace shelves.
37. Replace all parts and panels.

## ⚠ WARNING



### Electrical Shock Hazard

**Plug into a grounded 3 prong outlet.**

**Do not remove ground prong.**

**Do not use an adapter.**

**Do not use an extension cord.**

**Failure to follow these instructions can result in death, fire, or electrical shock.**

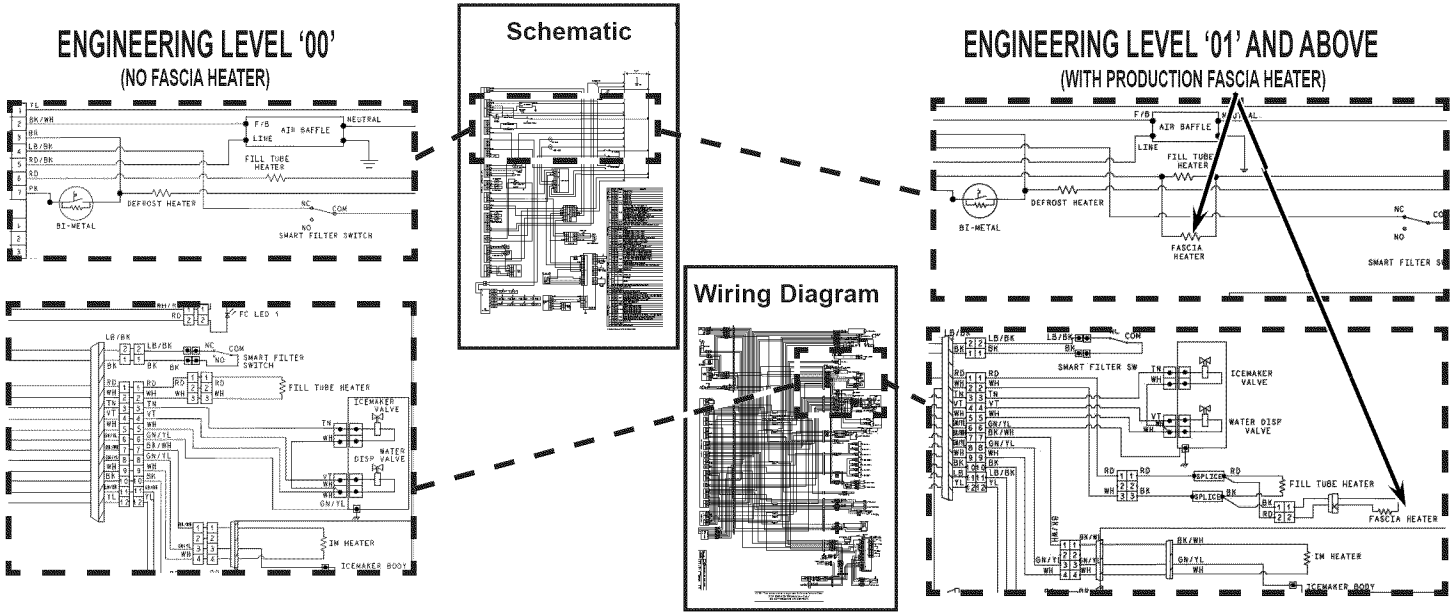
38. Plug in refrigerator or reconnect power.
39. Remove tech sheet located under the top right hinge cap of the refrigerator. Enter Service Diagnostics Mode and go to Service Step 45, ice maker fill. Fill ice maker, while checking for leaks in water lines.
40. Place the original tech sheet with the supplemental wiring sheet (insert, provided), back under the top right hinge cap to complete installation.
41. Go to User Interface and set freezer temperature to -2 Fahrenheit or -19 Celsius. Advise customer not to change this setting in order to maintain best performance of the ice maker.

# Supplemental Wiring Sheet (Insert)

(Place this page with current tech sheet)

**IMPORTANT:** The changes below represent the installation of a Service Fascia Heater kit. This supplemental wiring sheet should be left with the original tech sheet provided with refrigerator, back under the top right hinge cap.

## ORIGINAL TECH SHEET (SCHEMATIC AND WIRING DIAGRAM)



## TECH SHEET CHANGES (SCHEMATIC AND WIRING DIAGRAM) AFTER KIT INSTALLATION (ALL ENGINEERING LEVELS)

