

Instruction Sheet

for Ice Box Rear Adapter Assembly with Fan Motor Kit

! 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.

NOTE: Remove all frost, moisture or hard ice from the freezer compartment and wipe all the frontal surfaces, keeping the surfaces dry before installing the kit.

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

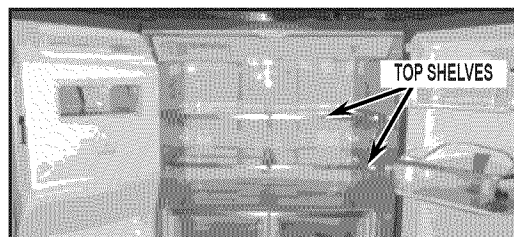


FIGURE 1

4. Remove ice box fascia using a flat head screwdriver. 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*.

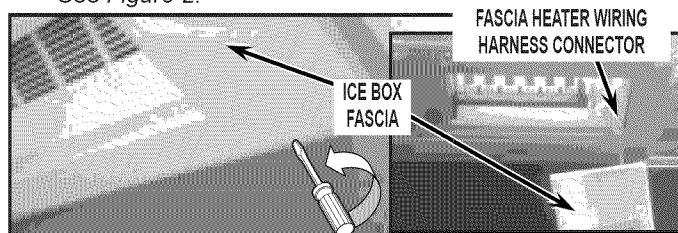


FIGURE 2

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

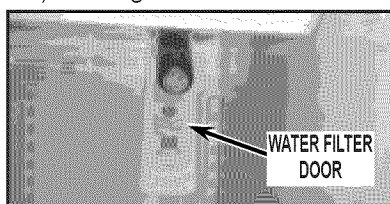


FIGURE 3

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

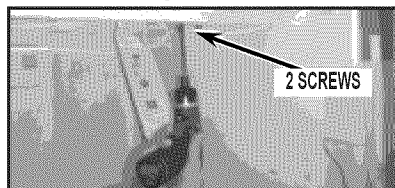


FIGURE 4

Tools Needed:
1/4" Nut Driver
Ice Pick or Small Screwdriver
Inspection Mirror

Kit Contains:

- 1 Adapter Assembly with Fan Motor
- 1 Jumper
- 1 Gasket-Rear Wall Seal
- 1 Gasket-Rear Return
- 1 Gasket-Rear Supply
- 1 Supplemental Wiring Sheet (Insert)
- 1 Instruction Sheet

7. Starting from the ice box side, place a flat head screwdriver 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*.

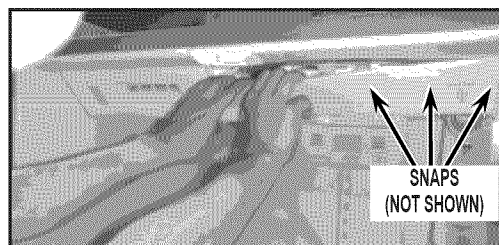


FIGURE 6

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

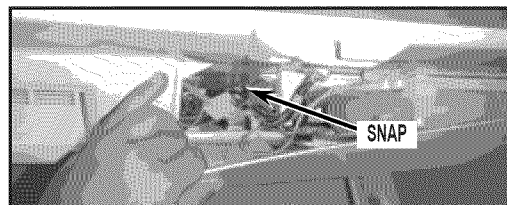


FIGURE 7

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

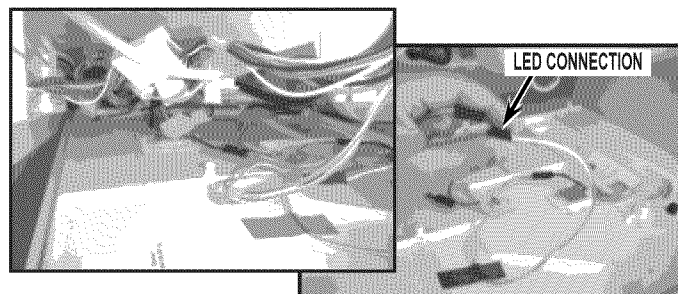


FIGURE 8

11. Disconnect electrical connections to ice box assembly. See *Figure 9*.

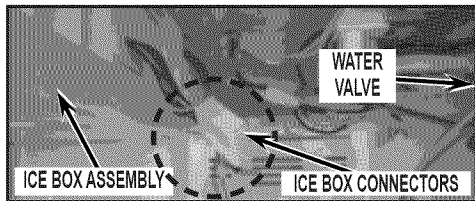


FIGURE 9

12. Disconnect ice maker fill tube from water valve. See *Figure 9*.

13. 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 10*.

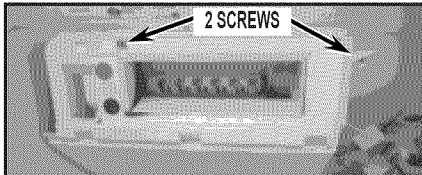


FIGURE 10

14. 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 11*.

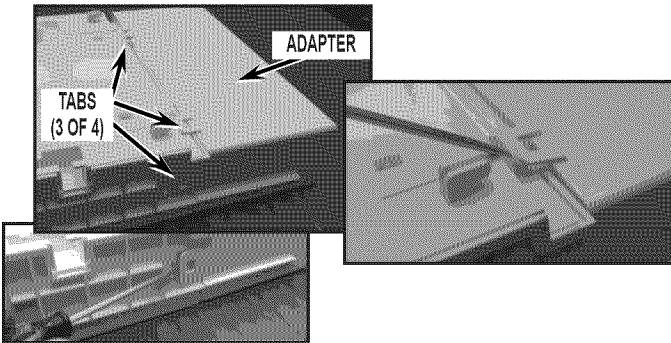


FIGURE 11

15. Remove rear return and rear supply gaskets from ice box assembly and discard old gaskets. See *Figure 12*.

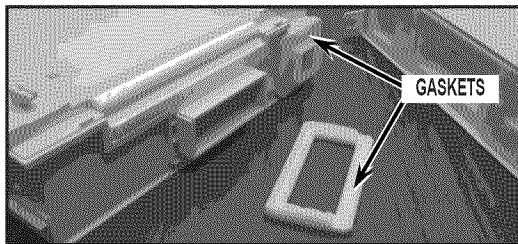


FIGURE 12

16. Gently peel back enough of the foil fill tube heater to be able to remove ice box cover. See *Figure 13*.

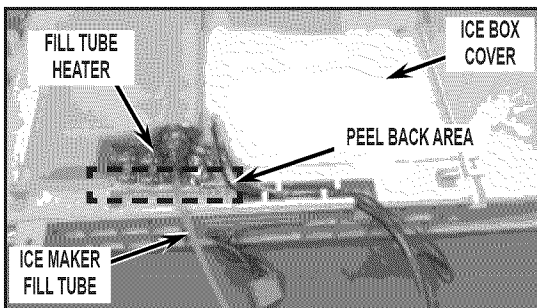


FIGURE 13

17. 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 and EPS foam piece enough to expose ice box fan and wiring connections. See *Figure 14*.

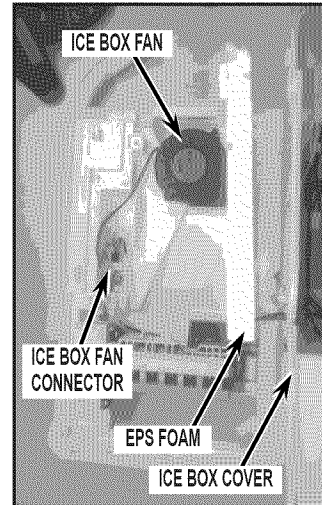


FIGURE 14

18. Disconnect ice box fan connector from ice box, and connect 'single' end of jumper supplied in kit, to ice box. Connect the 'double' end of the jumper to the ice box fan and the new adapter supplied in the kit. See *Figure 15*.

NOTE: Either connector on the 'double' end of the jumper wire can be connected to either fan motor connector.

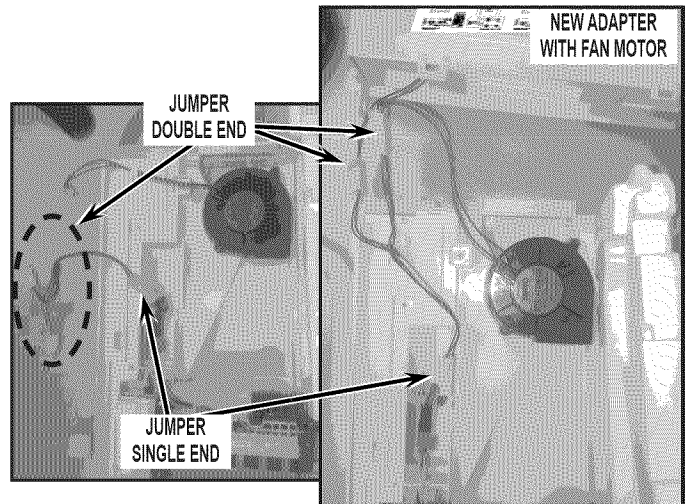


FIGURE 15

19. Fold excess wire into ice box, be sure to locate all wiring into the spaces below the raised edges and screw holes. See *Figure 16*. Attach ice box cover to ice box using screws removed in step 17. Be sure to tuck end of ice box cover under the lip on the ice maker assembly and reattach the peeled back part of the fill tube heater (See *Figure 13*).

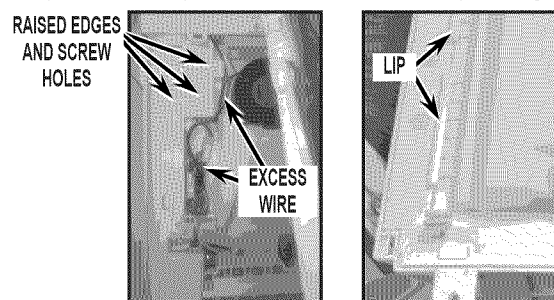


FIGURE 16

20. 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.

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 17*.

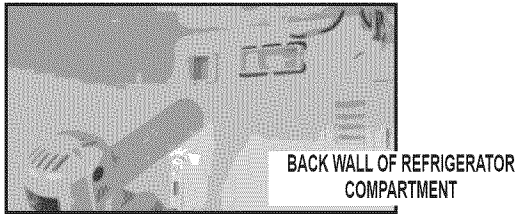


FIGURE 17

21. Peel paper backing half-way off new gasket. Position gasket to touch bottom of air ducts with adhesive side on the liner. See *Figure 18*. Apply gasket to back wall of liner.

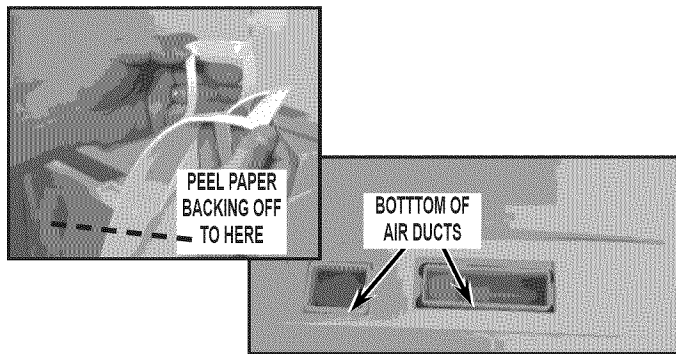


FIGURE 18

22. Peel remainder of paper backing off new gasket after positioning behind top of tower. See *Figure 19*.

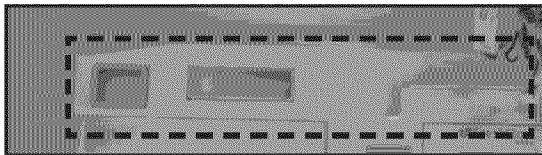


FIGURE 19

23. 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 20*.

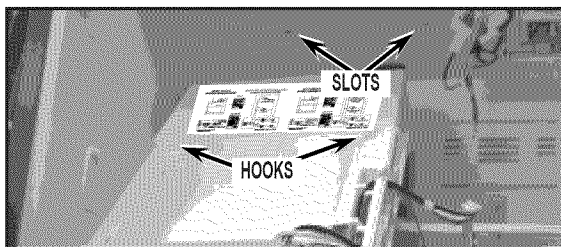


FIGURE 20

24. Reinstall ice box using (2) two screws removed in step 13. You will need to exert considerable force when installing the ice box in order to line up the screw holes.

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. See *Figure 21*.

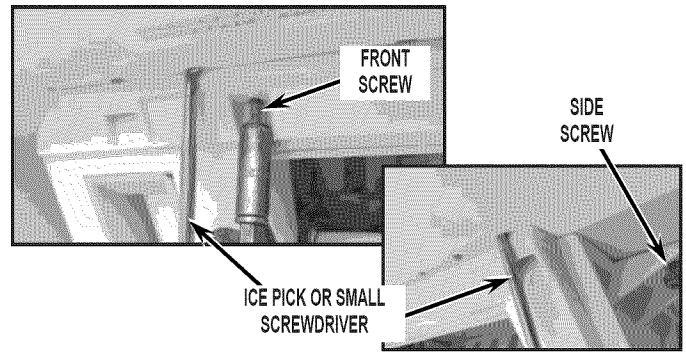


FIGURE 21

25. Using an inspection mirror, inspect seal at back of ice box to verify there are no gaps. See *Figure 22*.

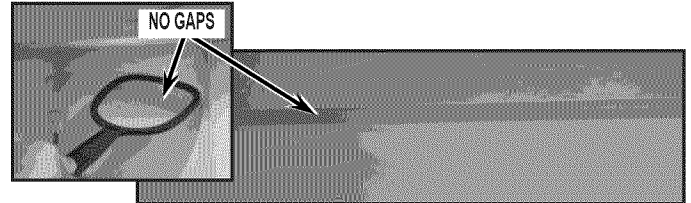


FIGURE 22

26. Reinstall fascia to ice box making sure it is securely snapped.
27. Reconnect ice box connectors.
28. Reconnect ice maker fill tube to water valve.
29. Reinstall water reservoir cover, make sure to reconnect LED light connections.
30. Reinstall water filter and replace shelves.
31. 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.

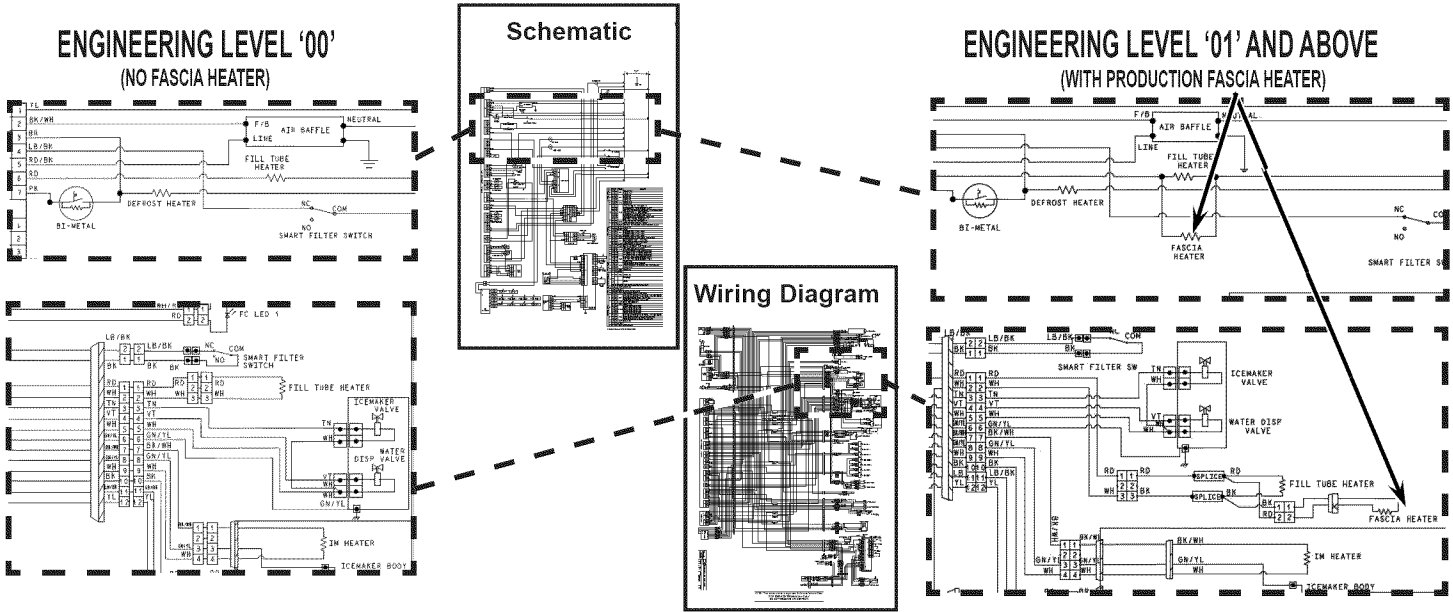
32. Plug in refrigerator or reconnect power.
33. Remove tech sheet located under the top right hinge cap of the refrigerator. Enter Service Diagnostics Mode and go to Service Step 45, ice maker fill. Fill ice maker, while checking for leaks in water lines.
34. Place the original tech sheet with the supplemental wiring sheet (insert, provided), back under the top right hinge cap to complete installation.
35. 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)

