

# GENUINE RENEWAL PART

Refrigerator & Freezer Products

MOISTURE FIX KIT  
WR49X0321

## DISCONNECT POWER BEFORE SERVICING TO PREVENT ELECTRICAL SHOCK HAZARD

### Important Safety Instructions

**BEFORE** removing the breaker strips and cutting any wiring, disconnect the power cord.

It is **very important**, that **ALL** parts included in this kit be installed. This will allow for the most severe condition and eliminate repeat calls.

This kit can be used on the following models:

BIS42CK	-	BCS42CK
BISB/W42EK	-	BCS42EK
BISB/W42EL	-	BCS42EL

The wiring arrangement will be slightly different on the above models. **Care must be taken** when installing this kit, making sure the instructions corresponding to the appropriate models are followed.

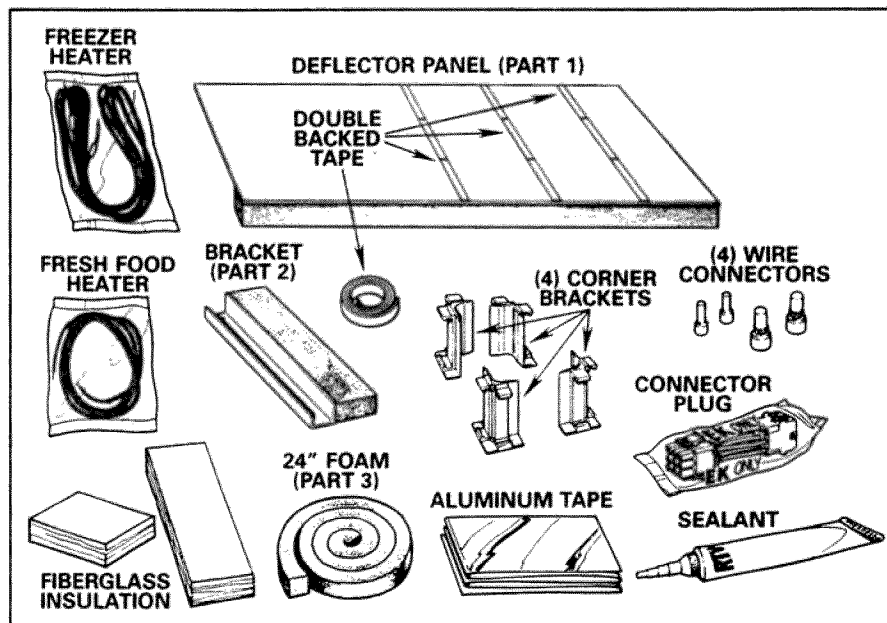


Figure 1 - Moisture Fix Kit Parts

### MOISTURE FIX KIT FOR MONOGRAM MODELS

BIS42	-	CK
BISB/W42	-	EK
BISB/W42	-	EL

This procedure should be followed step by step to ensure a quality installation of the Moisture Fix Kit Parts.

1. **Layout the kit parts** and check each part to ensure all parts are present. Refer to Figure 1

### DISASSEMBLY:

2. **Remove the front grille**, and lay it on a flat surface, with the front down and the top pointing away from you.
3. **Disconnect the power cord.**
4. **Remove the access panel** located next to the condenser. Save the screws for reuse but discard the panel. See Figure 2

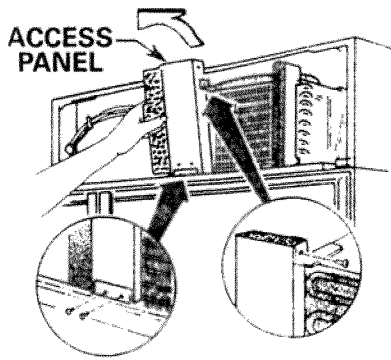


Figure 2 - Front Access Panel

5. Reach inside the refrigeration compartment, between the evaporator housing and the condenser and **tear off** the bottom of the insulation. See Figure 3. Remove as much of the insulation as possible to allow an air passage.

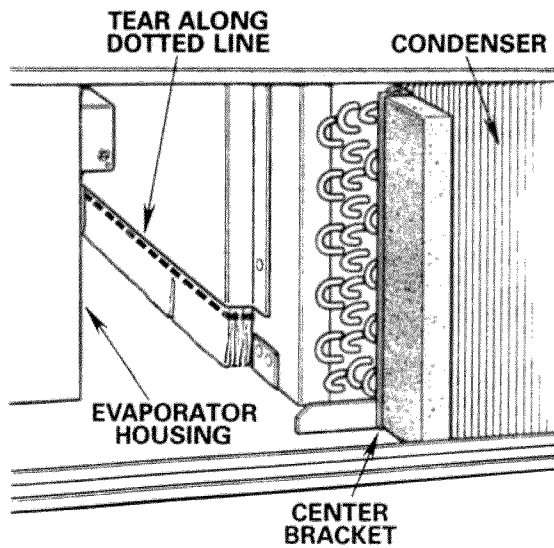


Figure 3 - Insulation to be Removed

**INSTALLATION OF KIT PARTS:**

6. Attach the bracket (part 2), next to the condenser where the access panel in step 4 was removed.
7. To install the air deflector panel (part 1), first, **peel off the protective coating** from the double backed tape and place the air deflector panel, tape down, on the right rear of the grille. Next, **press down on the deflector** so the tape will adhere to the grille. **Apply RTV sealant WX06X0200** around the outside edges of the deflector panel for a good seal. **Do not cover the mounting screw hole** with the panel. Refer to Figure 4.

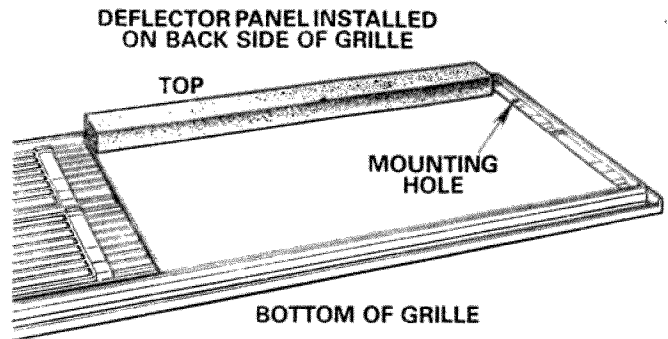


Figure 4 - Deflector Panel/Grille Assembly

8. Open the Freezer and the Fresh Food doors and warm the breaker strips using a warm towel.
9. Carefully remove the 8 breaker strips as shown in Figure 5. Cut through the RTV sealer at each end of the strip, then using a plastic scrapper or putty knife, **disengage** the front edge, beginning at one end. When the strip is fully released along the front edge, **insert** the scraper behind the strip from the inside and **pry it out** of the channel at the rear. **Slide the breakers out** of the bottom corner brackets.

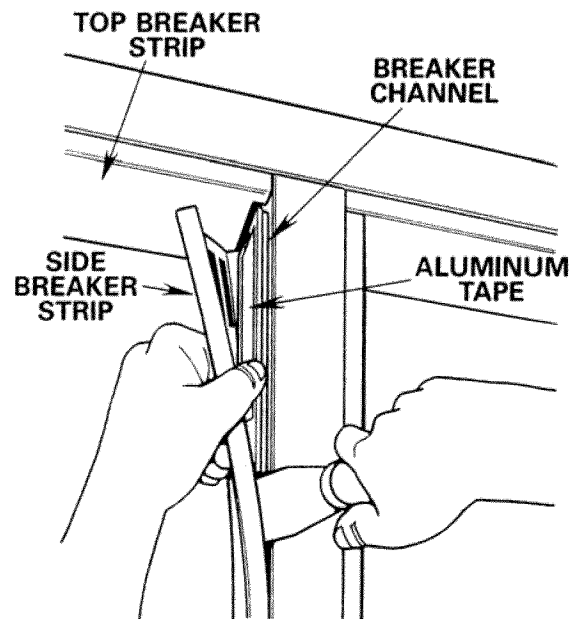


Figure 5 - Breaker Strip Removal

10. Remove the corner brackets shown in Figure 6. The corner brackets have plastic retaining tabs engaged in the case flange and the breaker channel. **Discard** these corner brackets and use the new ones provided. **Remove any RTV, plastic chips, foam, or any debris** from the breaker channels.

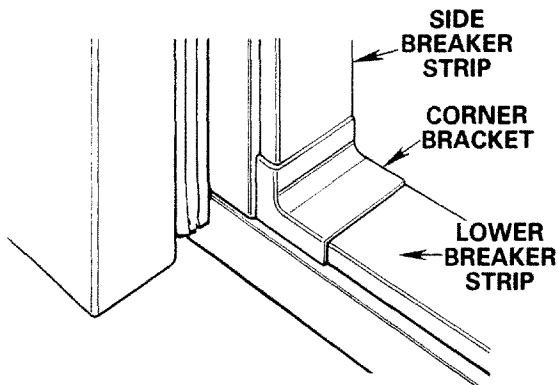


Figure 6 - Corner Bracket Location

11. Remove the aluminum tape at the front upper right corner of the freezer mullion and the upper and lower left front corners of the fresh food mullion. Remove the permagum from the slots to expose the wire bundles, being careful not to damage the wiring. Pull out the wire bundles to expose the wiring.

**HEATER INSTALLATION:**

Working on the FREEZER SIDE first - -

12. **CK AND EL MODELS ONLY** - for EK models go to 12A

Remove the wire connector from the pink and white wire bundle. See Figure 7. Connect the white lead of the heater wire WR51X5220, to these two wires using one of the wire connectors provided. Fill the end of the connector with RTV sealer. NOTE! The white lead overmold will have to fit inside the wire slot so allow enough lead to route the heater and place the overmold in the slot.

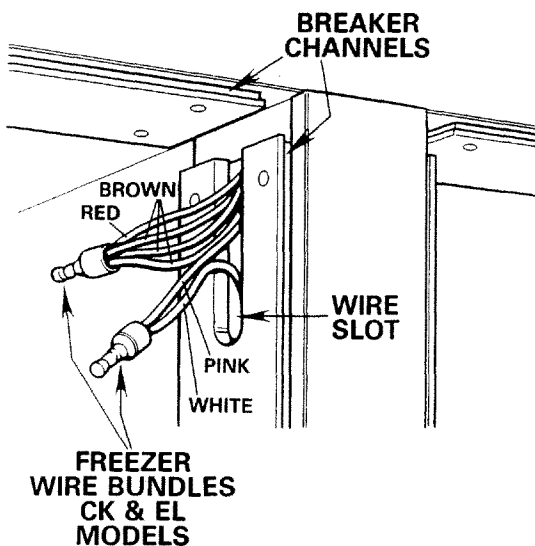


Figure 7 - Wire Slot and Wire Bundles EL and CK

- 12A. **EK MODEL**

Remove the wire connector from the wire bundle that has 4 red wires. See Figure 8. Connect the white lead of the heater wire WR51X5220, to these four wires using one of

the wire connectors provided. Fill the end of the connector with RTV sealer. NOTE! The white lead overmold will have to fit inside the wire slot so allow enough lead to route the heater and place the overmold in the slot.

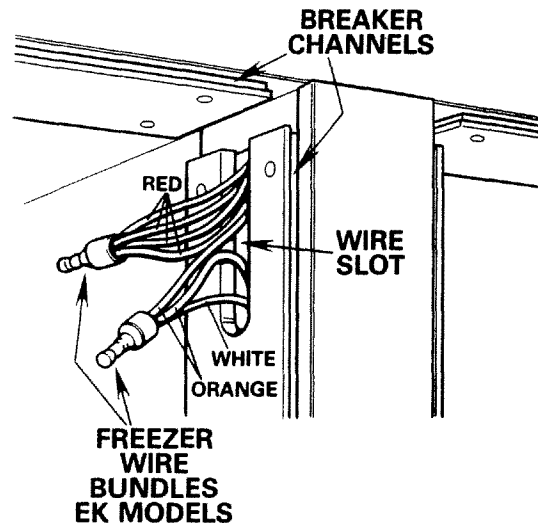


Figure 8 - Wire Slot and Wire Colors for EK Models

13. Route the heater wire around the outside of the freezer compartment wedging it in the breaker channel between the mullion and the primary breaker. See Figure 9. Move clockwise around the compartment until the end of the heater is back to the starting point. Stretch the heater wire slightly as you install it so you will end up with enough to place the wire overmold into the wire slot.

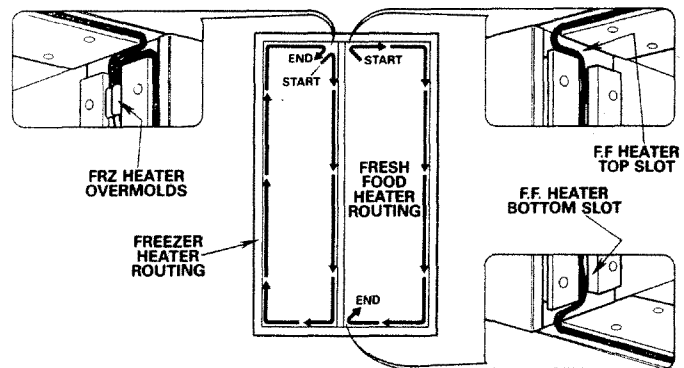


Figure 9 - Routing Heater in Breaker Channel

14. **CK AND EL MODELS ONLY** - for EK models go to 14A

Remove the wire connector from the other wire bundle which contains three brown wires and one red wire. See Figure 7. Connect the pink lead of the heater to these 4 wires using a wire connector provided. Again, seal the wire connector with RTV sealant.

- 14A. **EK MODEL**

Remove the wire connector from the other wire bundle which contains two orange wires and one white wire. See Figure 8. Connect the

pink lead of the heater to these 3 wires using a wire connector provided. Again, seal the wire connector with RTV sealant.

15. Place the wire bundles, connectors and overmolds in the wire slot and fill any remaining void with permagum.
16. Place a four (4) inch strip of aluminum tape over the slot. Refer to Figure 13.
17. Replace the corner brackets and breaker strips, on the freezer side. Seal the corners and along the rear edge of the top and bottom breaker.

Working on the **FRESH FOOD SIDE --**

18. Remove the aluminum tape from the top and bottom of the primary breaker revealing the wire slots. Take out the wire bundles from the wire slots.
19. **CK AND EL MODELS ONLY** - for EK models go to 19A

Starting at the top wire slot, remove the wire connector from the wire bundle containing two pink wires and one white wire. See Figure 10. To these wires, connect the white end of the heater wire with one of the wire connectors. Seal the connector with RTV sealant.

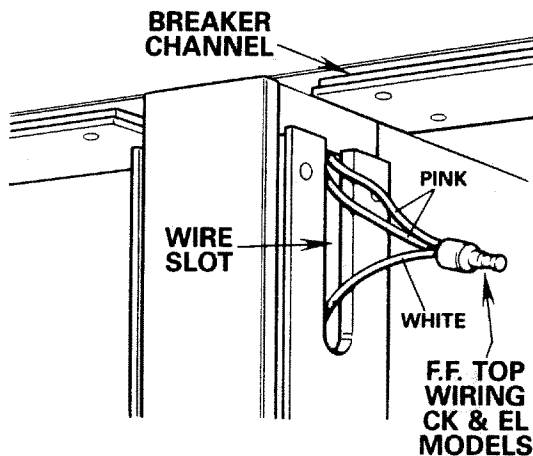


Figure 10 - Fresh Food Top Slot - CK & EL

19A. **EK MODEL**

Starting at the top wire slot, remove the wire connector from the wire bundle containing three pink wires. See Figure 11. To these wires, connect the white end of the heater wire with one of the wire connectors. Seal the connector with RTV sealant.

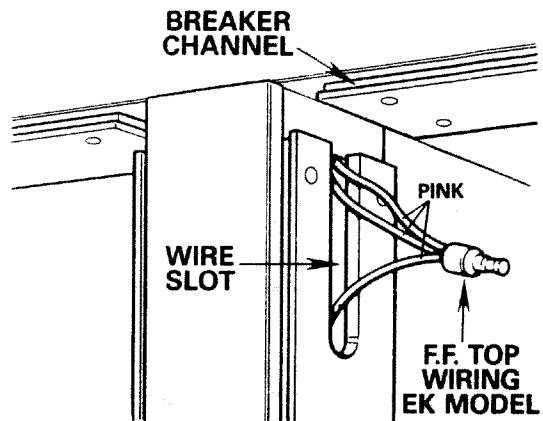


Figure 11 - Fresh Food - Top Slot EK

20. Route the heater in the channel, moving clockwise, until the pink end of the heater wire is located at the bottom wire slot. Place the wire in the breaker channel as shown in Figure 9.

**Note:** At the bottom wire slot there is only one wire bundle which contains two pink wires and one white wire.

21. Remove the wire connector from the bottom wire bundle and connect the pink end of the heater wire to these wires with a wire connector provided. See Figure 12. Seal the connector.

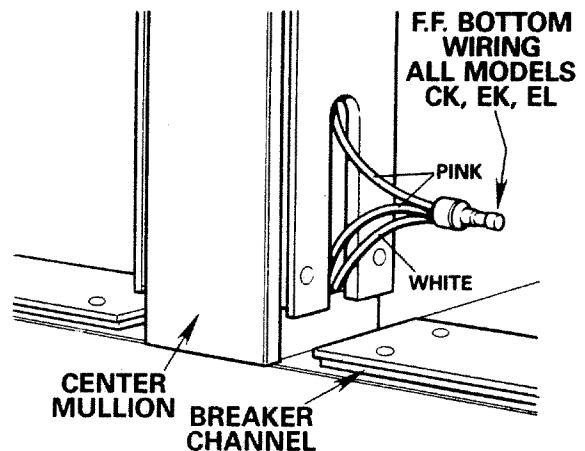


Figure 12 - Fresh Food Bottom Slot CK/EL & EK

22. Place the wire bundle, connector, and overmold in the wire slot and fill any remaining void with permagum.
23. Place a four (4) inch piece of aluminum tape over the wire slots and extend the tape across the top and bottom of the primary breaker. See Figure 13.

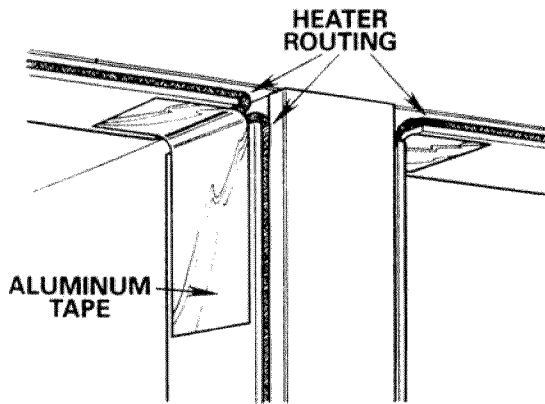


Figure 13 - Placement of Aluminum Tape Over Slots

24. Replace the corner brackets, and then the breaker strips. Seal the corners and along the rear edge of the top and bottom breaker.
25. **CK AND EL MODELS ONLY** - for EK models go to 25A  
Connect the power cord back into the power receptacle.
- 25A. **EK MODEL**  
Connect the special adapter plug provided in the kit, marked EK ONLY. Then connect the power cord back into the power receptacle.
26. Insert the 24" strip of foam (part 3), along the outside left upper edge of the hood and the side wall. This is to block the air from escaping over the top of the hood. See Figure 14.

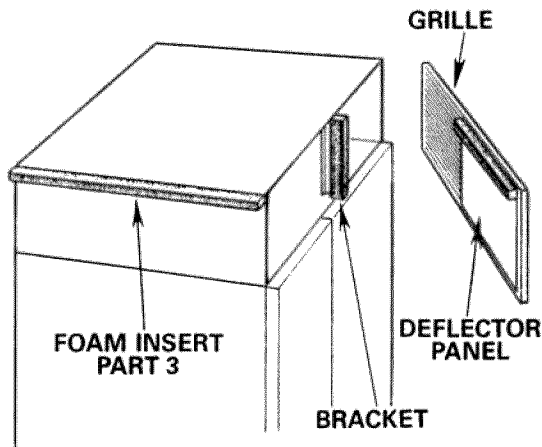


Figure 14 - Foam Sealer on Left Side of Hood

27. Replace the grille.

## SEALING RECESS ON MONOGRAM DISPENSER MODELS

1. First, remove the plastic ice chute from the inner door and inspect the insulation in the recess cavity. If there are visible voids, then using the small piece of insulation from the kit, cut small strips approximately 1" X 2" and fill the voids. (See Figure 1) Do not compress the insulation as this tends to make the insulation lose its insulating properties.

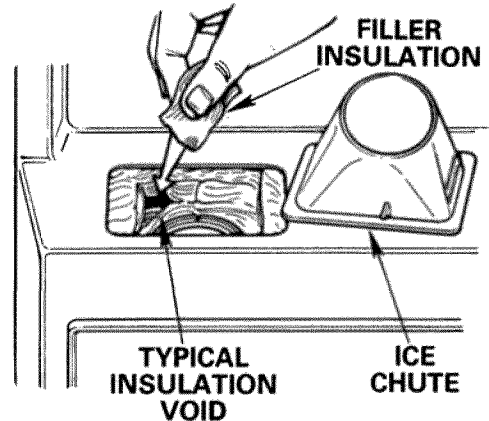


Figure 1 - Filling voids in the Insulation

2. Insert the large piece of insulation provided, around the inside cavity at the back of the ice chute location. Do not block the ice chute. (See Figure 2 for a properly insulated cavity.)

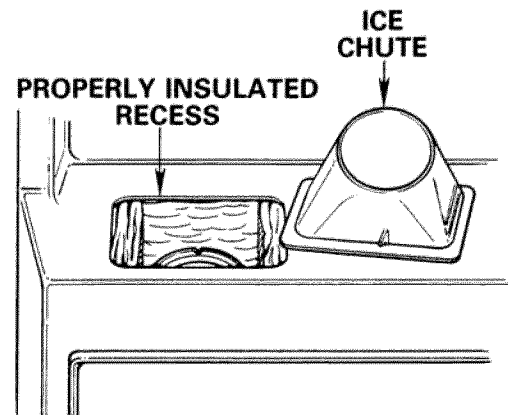


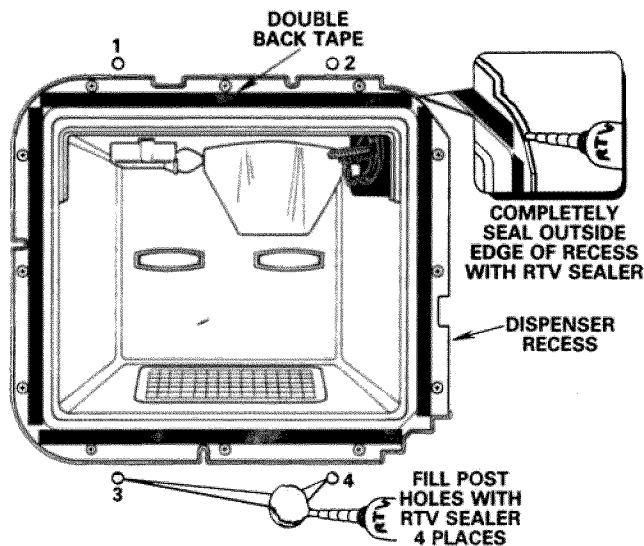
Figure 2 - A Properly Insulated Recess

3. Replace the ice chute and check the dispenser mechanism to determine if it is still operative and insulation is not blocking the chute.
4. Remove the front recess cover. Care must be taken when removing the front recess cover because it is held in place with double backed tape and is very hard to pry lose.

To remove the front recess cover you must:

- a. First, remove the freezer door handle trim.

- b. **Pull out on the recess cover** from the edge and using a putty knife, loosen the double backed tape as you work around the cover. Once the cover is loose, **disconnect the panel display wiring**. The front recess should now swing freely.
  - c. **Remove the top decorative panel** by sliding it to the right.
  - d. **Remove the decorative panels' lower trim screws** starting on the hinge side until the trim can be rotated clockwise releasing the front access panel.
  - e. **Set the panel aside** in a safe place until reinstallation.
5. **Seal around the recess** with a thin bead of WX06X0200 white RTV200 sealant. **Spread the sealant** with your finger to ensure a good seal. See Figure 3.



**Figure 3 - Ice Dispenser Recess**

6. **Seal all holes**, especially the front covers' guide post holes. (See Figure 3 - Numbered in four places.)
7. **Replace the double backed tape on the recess** with the tape provided in the kit, as shown in Figure 3.
8. **Reinstall the front panel** in the reverse order of disassembly.
9. **Make sure the electronic display is functioning** properly by pressing the System Check key pad on the recess display panel.