

Instructions for Evaporator Housing WR17X12453

Subject: Ice Build-Up in Fan Well
Models Affected: BMNF-18 Refrigerators
Serial Numbers starting with RA to VG

When you find ice accumulated close to the evaporator motor, the cause may be defrost water that penetrates the Styrofoam center divider and then freezes and potentially blocks the fan motor blades. If the drain tube is not obstructed, replace the Styrofoam center divider with Evaporator Housing Kit WR17X12453.

The WR17X12453 Evaporator Housing Kit includes a Molded EPS Evaporator Housing, the Evaporator Housing Cover and all the Sealers and Gaskets needed to complete the installation. All other original evaporator housing parts in the refrigerator must be saved and reused.

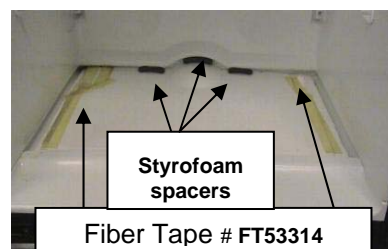
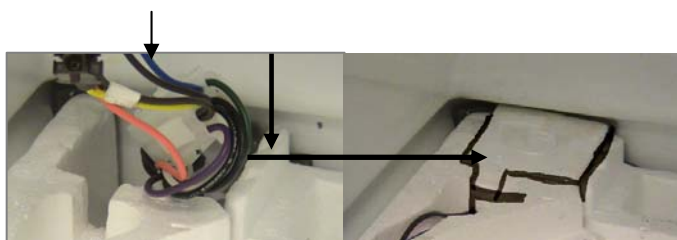
To install the new Styrofoam center divider, follow these instructions:

For your safety, unplug the refrigerator before performing the work described.

1. Remove the FF and FZ doors and remove all the items in the fresh food compartment.
2. Remove the refrigerator floor (figure 1).
3. Remove the grill (figure 2).
4. Remove the center hinge and the three screws (figure 3).
5. Disengage the center mullion (figure 4).
6. Remove the two Styrofoam spacers, evaporator cover and the aluminium heat deflector. The two Styrofoam spacers and aluminium heat deflector must be kept for reuse later. If Styrofoam spacers are damage or missing, install spacers supplied with WR17X12453 (figure 5).
7. Unplug the connections on the rear left side (figure 6).
8. Remove the fan motor (figure 7).
9. Remove the pieces of foam on each side of the evaporator and keep for reuse later (figure 8).
10. Gently lift the evaporator and tie it to the center shelf channel (figure 9).
11. Remove the Styrofoam center divider (figure 10).

Follow the above procedure, in the reverse order, to install the new Styrofoam center divider.

Once the divider is positioned and before installing the evaporator cover, apply a strip of Permagem in the left corner of the wiring harness housing, as illustrated below. Then apply fiber tape along all sides of the edges of the evaporator cover.



Insert the Styrofoam spacers (cigar shaped) between the evaporator cover and the rear liner, as illustrated, to ensure a good seal in the gasket and eliminate air infiltration.

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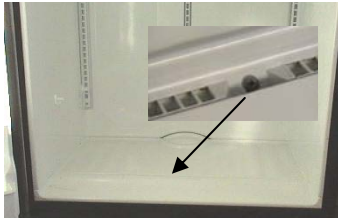


Figure 1

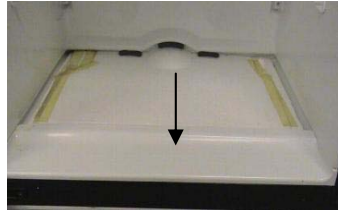


Figure 2



Figure 3



Figure 4

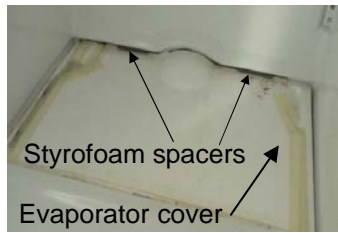


Figure 5



Figure 6

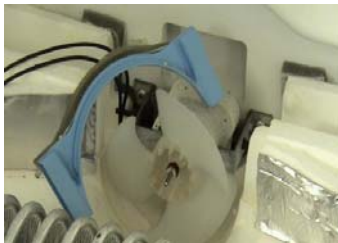


Figure 7



Figure 8



Figure 9



Figure 10