

FROST BUILD-UP IN FREEZER/FOOD STORAGE COMPARTMENT

Dometic®

REFRIGERATOR
BULLETIN R66/3C
JANUARY 1995

MODELS AFFECTED:

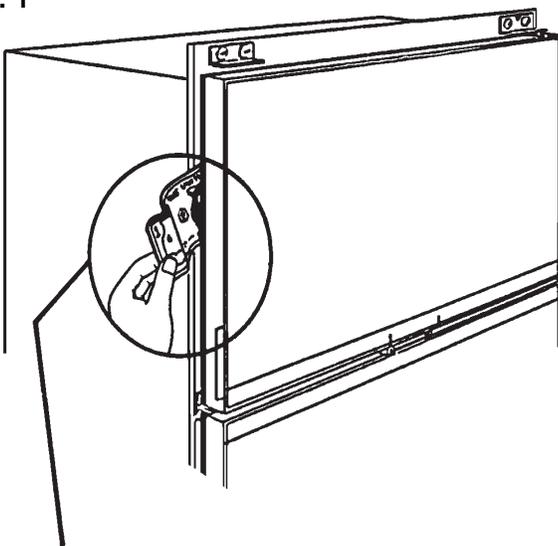
RM2601	RM2801	RM2601	RM4801	RM7030
RM2602	RM2802	RM3604	RM4804	
RM2603	RM2803	RM3801		
RM2604	RM2804	RM3804		
RM2607	RM2807	RM3807		
RM2610	RM2810			
RM2611	RM2811			

During extended periods of extremely high temperatures along with high humidity, some frost build-up may occur in the freezer compartment and on fin area in the food compartment. Although this is considered normal, there are some checks and adjustments that can be performed to improve this situation.

In many instances, doors are being replaced needlessly. The following checks should be performed to determine if the door or gasket needs replacing.

1. The door gasket should seal smoothly and completely on all sides. A dollar bill can be used to check the door gasket seal. Resistance should be felt when the dollar bill is pulled out from between the frame and door gasket. No resistance indicates a poor seal and the gasket is defective and needs to be replaced. (See FIG. 1).
2. If the upper or lower door is closing too high or low against the frame, cold air leakage can occur. Adding or deleting a 1/4" flat metal washer on top of the lower or middle hinge pin can raise or lower the door position (See FIG. 2).

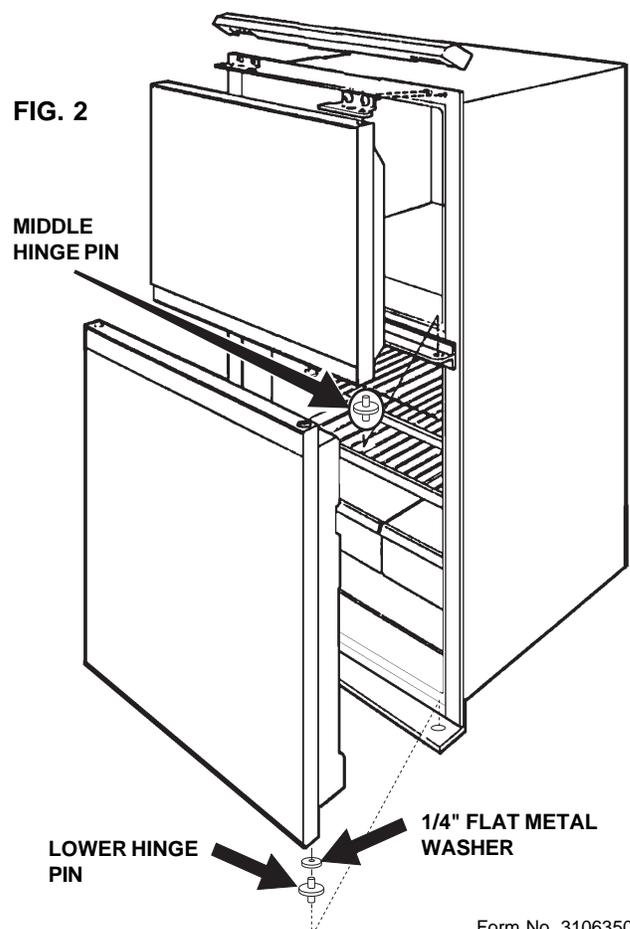
FIG. 1



CHECK FOR SMOOTH FIT AND PROPER SEAL BY:

Pulling dollar bill out from between frame and door gasket.

FIG. 2



- Remove all screws securing the refrigerator into the cabinet and slide the refrigerator out approximately 2—4 inches.

Apply permagum or equivalent to the open spaces in the top frame by the hinges and in the center. This will keep outside air from entering the freezer.

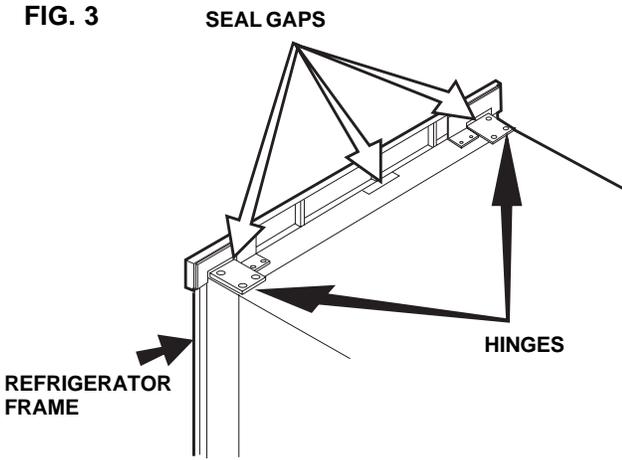
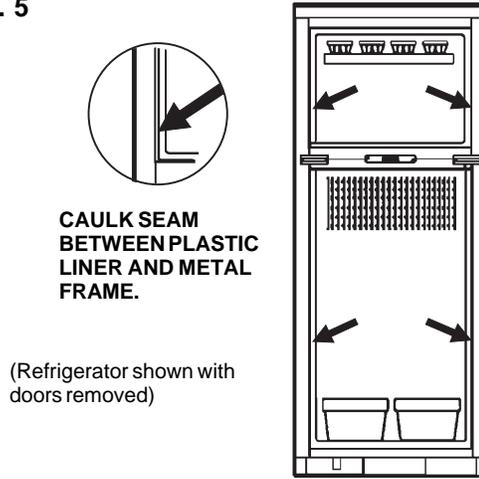


FIG. 5



- Clean the metal frame and foil-backed insulation around the refrigerator. Apply a foil-backed or aluminum tape to the joint between the refrigerator frame and cabinet, as shown in FIG. 4. The tape should cover the permagum installed in Step 3, and add additional protection from air leaks.
- Make sure the refrigerator is dry and that the surface temperatures are above 50°F. Use a clear silicon caulking compound and seal the seam between the refrigerator's plastic liner and the metal frame. See FIG. 5 and 5A. Apply the silicon in a continuous bead around both the refrigerator freezer and food compartments.

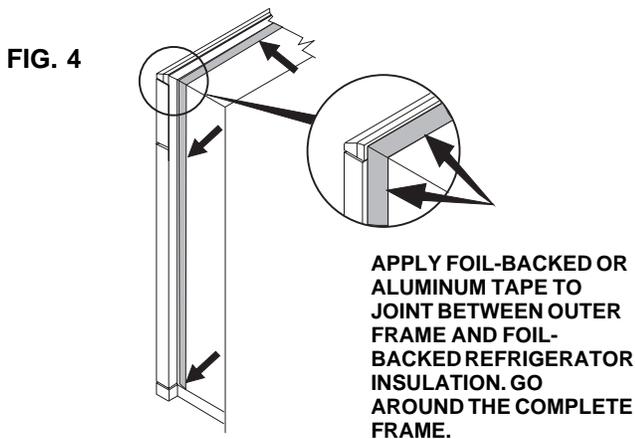
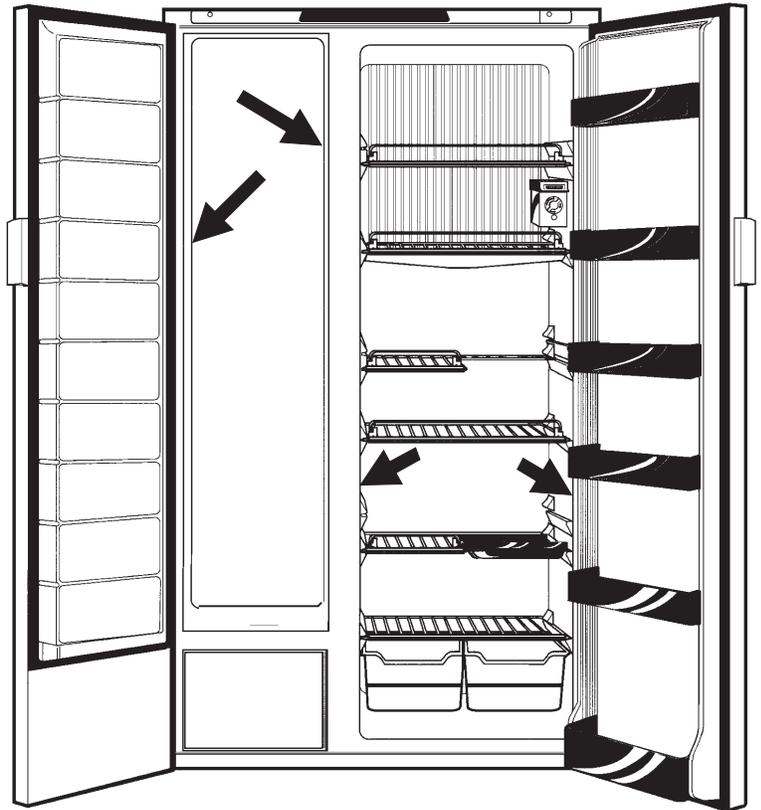
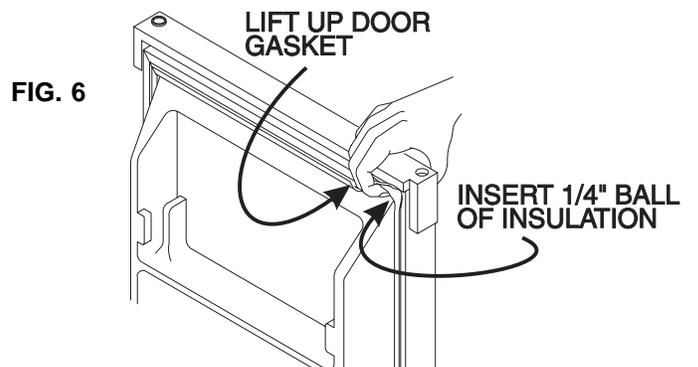


FIG. 5A RM7030



- Lift up inside of door gasket and insert 1/4" ball of fiberglass insulation at all four corners on both doors. This is especially important to the top corners. (FIG.6)



NOTE: TO FORM A PROPER SEAL, IT IS IMPORTANT NOT TO LEAVE ANY GAPS.