

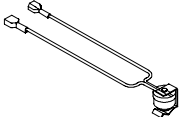

Instruction Sheet

16026499

Description: Bottom Mount Frost Kit

Repair Part Number: 12002686

Kit includes:

<p>67006033 Control Board</p>	 <p>67005902 Fan Delay Thermostat Kit</p>	 <p>16026499 Instruction Sheet</p>	
<p>61003209 (2) Foam Strip Gasket</p>	<p>67005901 High Pitched Fan Blade</p>	<p>M0321209 (2) Wire Ties</p>	<p>5141-YY & 7405p028-60 ¼ Inch Insulated Male Terminal & ¼ Inch Insulated Female Terminal</p>

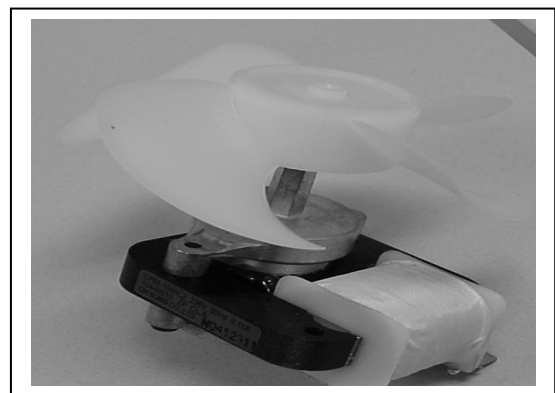
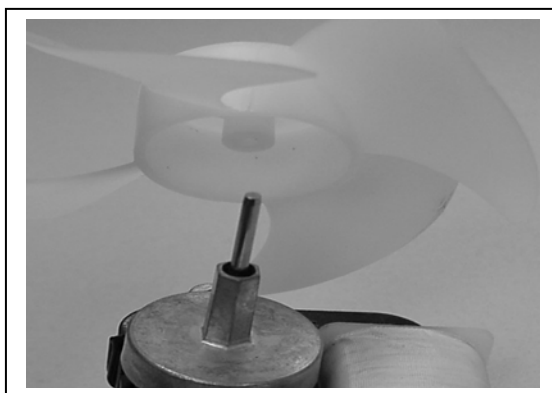


WARNING

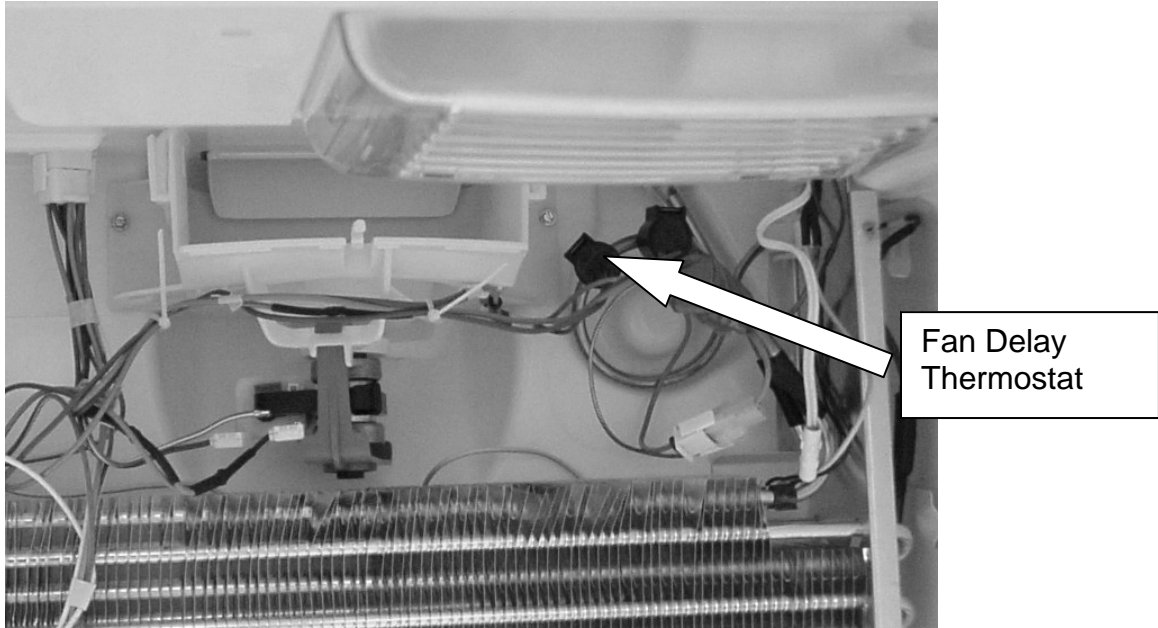
To avoid risk of electrical shock, personal injury or death; disconnect electrical power before servicing.

Procedure:

1. Disconnect power to unit.
2. Remove Ice Bucket (if applicable), Icemaker (if applicable), freezer shelving and evaporator cover.
3. Remove and replace existing Evaporator Fan Blade with one in kit. **Be careful not to press the blade down too far.** Make sure there is no interference between fan blade and fan shroud by spinning the blade.

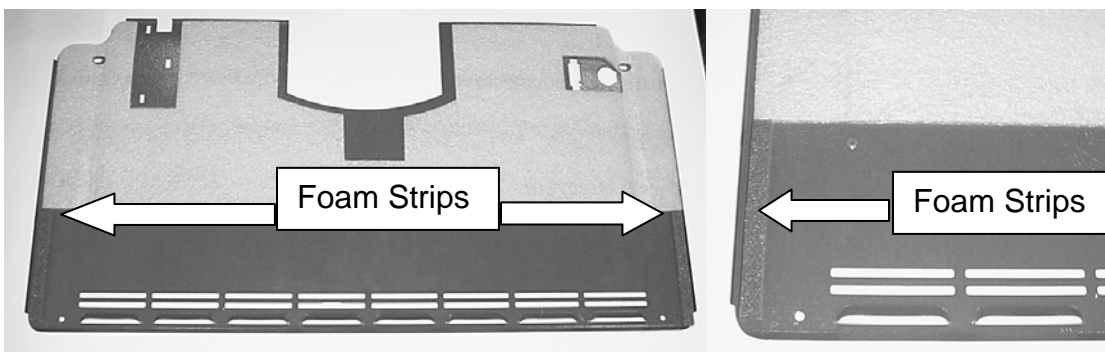


4. Install ¼ inch Insulated Male and ¼ inch Insulated Female Terminal to lead ends of Fan Delay Thermostat in kit.
5. Clip Delay Thermostat in kit **next to existing Defrost Thermostat**, (discard wire nuts packaged with thermostat), disconnect white wire from evaporator fan motor and plug female white wire from Evaporator Fan Motor into male plug on Delay Thermostat that was just installed and plug female end of Delay Thermostat on open terminal on Evaporator Fan Motor. Add wire ties to secure the two thermostat wires to the existing harness and ensure that the wires don't get entangled in evaporator fan.



Note: Delay Thermostat will prevent Evaporator Fan Motor from starting until Evaporator Coil is cold (12°F) as Delay Thermostat is wired in series with Evaporator Fan Motor.

6. Install Foam Strip Gasket on top of each Vertical edge of evaporator back cover on side next to evaporator to prevent air from bypassing evaporator coil.



7. Reinstall Evaporator Cover, Ice Maker, Shelving and Ice Bucket.
8. Check serial plate on unit to see which code is required. If number is from 1 to 15, then remove and replace existing old control board with new one in kit. If number is 16 or higher, continue on to step 10.
9. Plug unit back in and go to programming mode by holding the fresh food light switch closed and pressing the down arrow for the freezer temperature keypad three times within 10 seconds. "P" and "E" should appear in the LED. Release the light switch and press the same down arrow again. If installing a new control board, using the up arrows for the freezer and fresh food, enter the new code from the conversion chart provided. Check what code is on serial plate and enter corresponding code from chart. After code is entered, press and hold the freezer down arrow until the LED flashes. This means that the personality has been saved. To get out of programming mode, press and release the light switch.

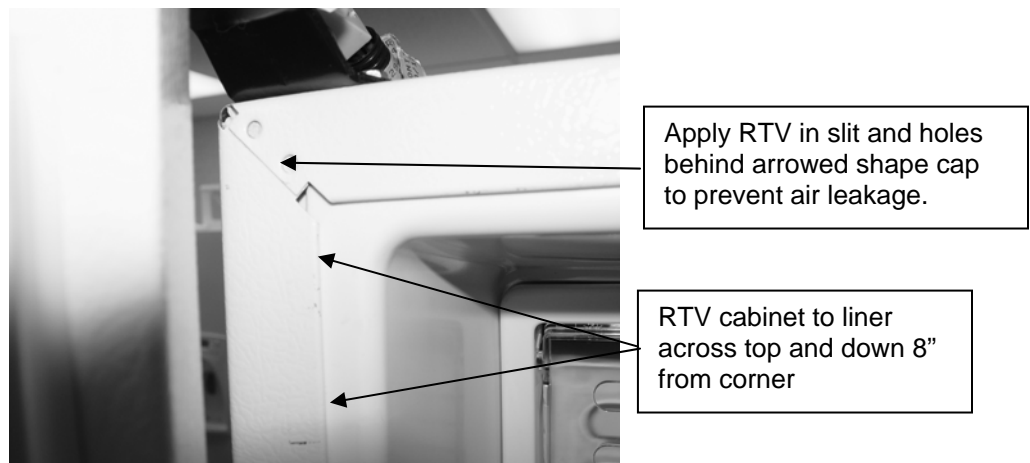
Codes	
Old Control Board	New Control Board
5	16
7	17
2	18
3	19
4	20
6	21
8	22
11	23
12	24
13	25
14	26
15	27

10. Go to service mode by pressing and holding the light switch again, while pressing the up arrow of the fresh food keypad three times within 10 seconds. "S" and "E" should appear in the LED when the light switch is released. Press the same up arrow again and the number one should appear in the freezer LED. Go to service mode **nine** by pressing the up arrow on the freezer control. An "A" should appear in the fresh food LED. Press the up arrow on the fresh food control changing the "A" to an "F".

Note: Going from "A" to "F" changes the defrost timer from **adaptive** to a **fixed defrost** time interval.

11. If moisture/ice is collecting on Freezer/Fresh Food ceiling above door dike proceed as follows.

12. Remove corner arrow shaped cap and seal slit and holes behind cap and cap to cabinet with RTV, place a small bead of RTV between the cabinet and the liner. The bead should go across the top of the FRZ or FF (depending on which compartment has the moisture issue) continuous, especially around the corner.



13. Door gasket(s) could be leaking air through the ditches or do to other gasket issues such as magnet problems (long, short, weak, upside down, etc) or gasket dimensional or weld defects or bowed door. Fixes for these would be caulking in ditch, using heat gun to make slight changes to gasket in non-sealing area and replacing door gasket(s). As a last resort change the door if door is bowed creating a breach in the door seal or if distance between cabinet and inside of door on hinge exceeds 0.90".



14. If there is a Center Mullion gap use clear RTV to fill gap at top and bottom.

