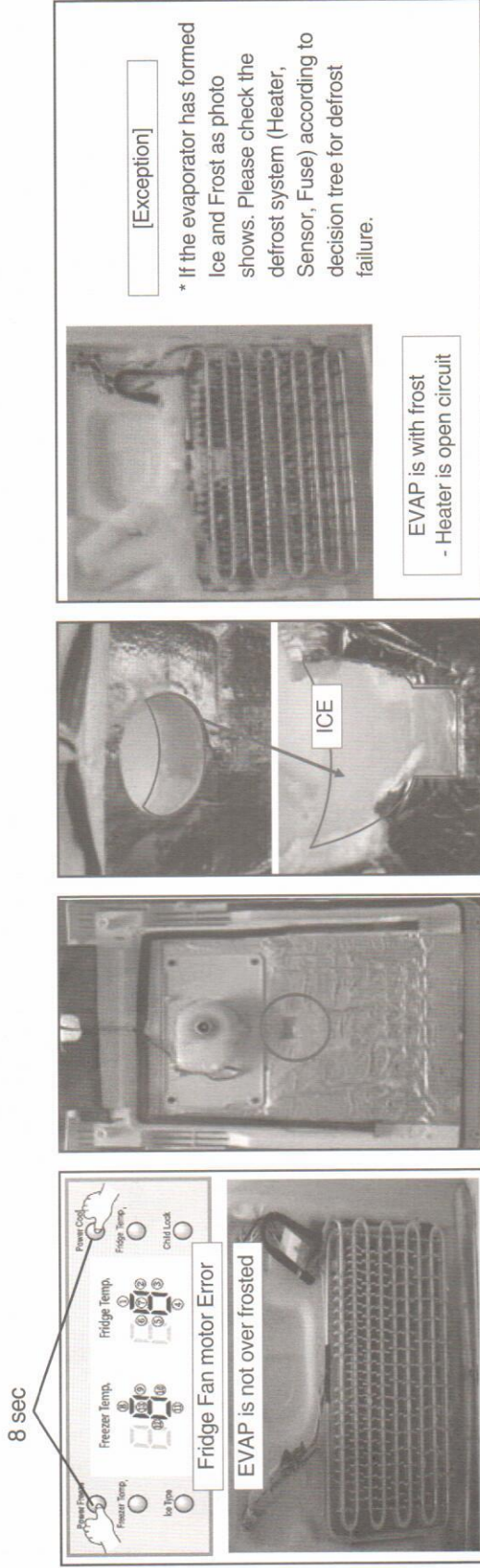


Drain hole of ASSY COVER EVAP REF improvement

Background (Symptom)

- Noise from Fridge fan or not cooling.
- Noise disappears when the customer opens the door.
- Defrost sensor, Heater, Fuse are OK but Big Ice clump' forms in the drain hole of ASSY COVER EVAP REF.

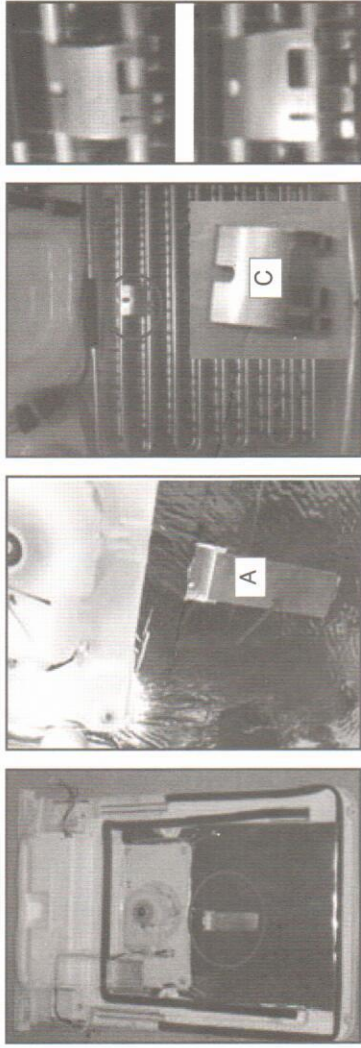


Cause

1. The heat from the defrost heater does not transfer to the drain hole of the ASSY COVER EVAP REF
2. Styrofoam around the fan absorbs moisture and frost forms.
3. During defrost, the ice partially melts and refreezes.
4. Ice formation increases until the ice interferes with Fan blade.
5. Weak cooling occurs.
6. Self diagnosis mode will display Fan motor error.

Solution

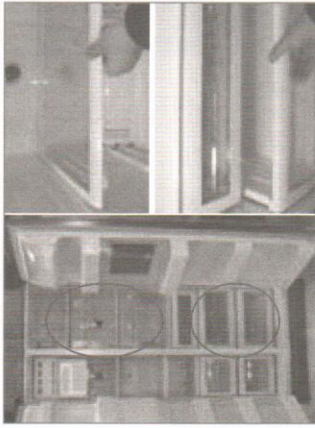
- Aluminum sections for better heat-transfer are added. Plate A connects with clip C to ensure that heat is transferred from the heater to the drain hole.
- This improvement is to be applied from March 2007 production.



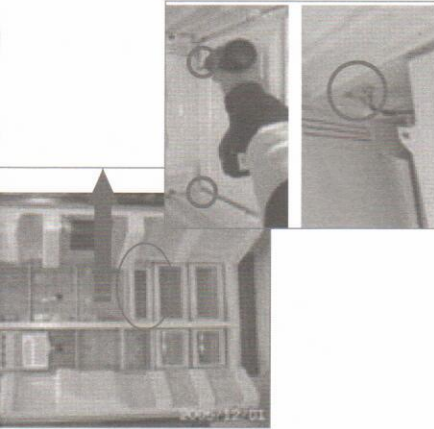
- For the production before March 2007, replace ASSY COVER EVAP REF if the drain hole's clogged with Ice
- Replacement method is "Replacement method"
- Part code is as followings

To Make sure part code, please check this SVC bulletin in GSPN. It incModel &Part list

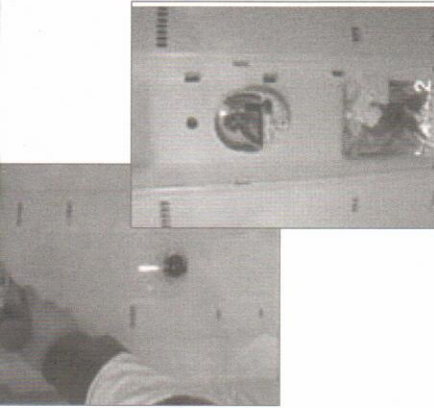
MODEL	PART NAME	PART CODE	REMARK
RS60K&J	ASSY-COVER EVAP REF KIT	DA97-05290C	With Coolselect Zone,230V
RS60K&J	ASSY-COVER EVAP REF KIT	DA97-05290B	With Coolselect Zone,220V
RS21,23(55X,56X)K&J	ASSY-COVER EVAP REF KIT	DA97-05290E	With Coolselect Zone
RS60D&F	ASSY-COVER EVAP REF KIT	DA97-05290F	Without Coolselect Zone,220V
RS60N,B	ASSY-COVER EVAP REF KIT	DA97-05290J	Without Coolselect Zone,230V
RS60D&F&N	ASSY-COVER EVAP REF KIT	DA97-05290H	Without Coolselect Zone,N-Option
SS20,22	ASSY-COVER EVAP REF KIT	DA97-05290L	Without Coolselect Zone,AC,110V~127V
SS20,22	ASSY-COVER EVAP REF KIT	DA97-05290N	Without Coolselect Zone,AC,220V~240V
SS20,22	ASSY-COVER EVAP REF KIT	DA97-05290M	Without Coolselect Zone,BLDC,Print
RS21,23(55X,56X)D&F&N&B	ASSY-COVER EVAP REF KIT	DA97-05290Q	Without Coolselect Zone,BLDC,Print



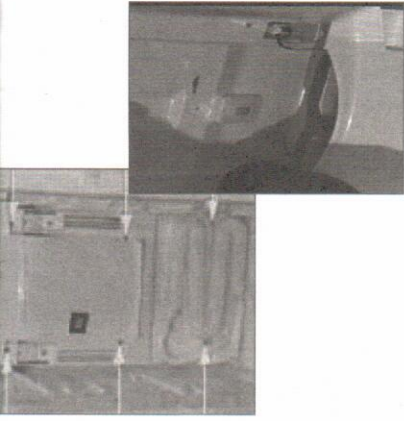
- * Remove the shelves and drawers
- ① Take out top and bottom shelves (3 locations)
 - ② Take out the drawers



- * Remove the Cool Select Zone (if applicable)
- ① Remove the two fixing screws
 - ② Disconnect the connector and pull out the Cool Select Zone

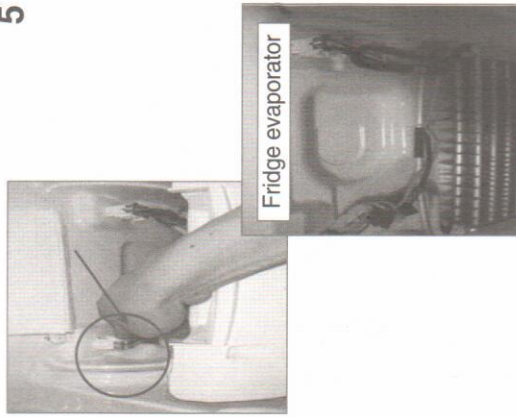


- * Disassemble the Multi cover
- ① Remove the lamp cover (1 screw)
 - ② Remove the top Multi Cover (3 screws)
 - ③ Disconnect the temperature sensor



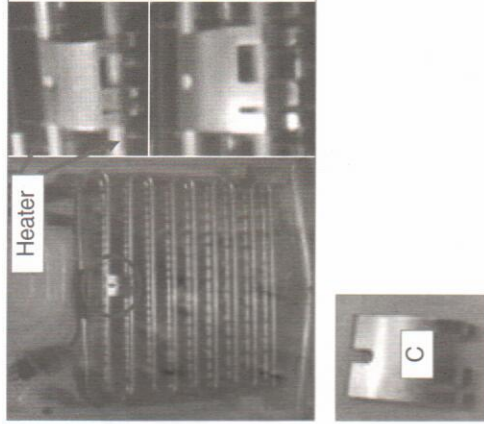
- * Disassemble the ASSY COVER EVAP and water tank
- ① Remove the water tank (2 screws)
 - ② Remove the Deodoriser covers to access the top 2 screws the bottom 2 screws can be seen once the water tank is removed
 - ③ Disconnect the Housing connectors

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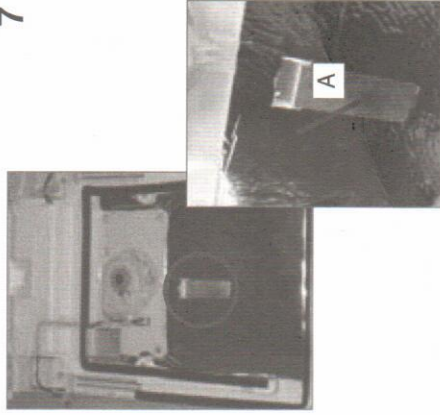
- * Remove the ASSY COVER EVAP REF
- ① Lift out the ASSY COVER EVAP REF

6



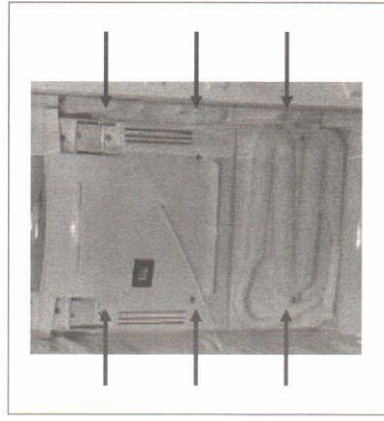
- * Assemble the C clip onto the defrost heater.

7



- * Install the new ASSY COVER EVAP REF
- Ensure that the Aluminium plate ("A") is attached firmly to the insulation and that there are no gaps.

8



- * Check that the new ASSY COVER EVAP is fitted correctly
- Ensure that there are no gaps between the liner and the ASSY COVER EVAP.