COOLING UNIT REMOVAL AND INSTALLATION

1. Remove fridge from gas line, take off top & bottom doors and remover center hinge.

2. Take screw gun with square-drive bit and *remove* the SEVEN freezer screws. There are also SEVEN cooling fin screws. *Remove* the FIVE center ones.

3. Lay carpet or padding in front of the fridge and lay fridge on its front.

4. Remove screw from the insulation pack above the burner. Remove the pack very carefully so as not to tear the insulation.

5. Remove burner cover (2 screws) and then the burner mount screws (2 screws). Bend burner and tubing out of the way for step 9 (removal of the cooling unit).

6. Remove all screws securing the metal backing of the foam as well as any other screws holding the cooling unit to the fridge box.

7. With pliers, grab the metal foam backing and pull it off the foam. (reaching under with a long metal piece and cutting the backing away from the foam helps)

8. With a pointed tip hand saw, cut all the way around the foam and its outside edge, making sure it cuts all the way thru the foam insulation.

9. Double check to make sure all screws are *removed.* Put a crowbar underneath the large 7/8" line coming out of the foam pack and pull up. The entire cooling unit should pop out. <u>(DO NOT PRY ON ANY SMALL LINES OR THEY COULD BREAK)</u>.

10. After the cooling unit is out, remove all excess foam and putty and clean it up well.

11. Remove the flue tube baffle from the old unit. This is the spiral-shaped metal ribbon that hangs inside the flue tube on a wire. Place it in the new unit.

12. Put a big bead of putty along the entire length of the cooling bar of the new unit wherever it contacts the back aluminum plate of the fridge. This putty assures heat transfer from the aluminum plate to the cooling unit. Lay the cooling unit in the box.

13. Standing the unit up, take a pointed screwdriver or ice pick or anything pointed and (*from the inside of the fridge)* stick it through the holes for the freezer screws and the cooling fin screws locating the pre-drilled holes in the cooling unit frame. They might be off to one side or the other or up or down a bit. Seek out one hole at a time and after you find it, insert a screw right away so you don't forget what the angle is. IF YOU HIT SOMETHING SOLID ABSOLUTELY DON'T KEEP TURNING THE SCREW. DON'T TRY DRILLING ANY HOLES. Make positively sure you align the screw with the pre-drilled holes. <u>Make sure the freezer and cooling fin screws are very tight.</u>

14. Lay the fridge on its front again. Shake the foam can well and then squirt foam generously all around the edge to seal off any air gaps.

15. Screw down the back and the rest of the unit.

16. Put insulation around the flue. You might have to use new insulation or add to the old to get a good thick layer. Install the metal cover.

17. Attach the burner. Install the burner cover.

18. Stand the fridge up and level it. Lay a level on the cooling fins at the top of the cooling unit and make sure that it is ¼ bubble higher on the burner side.

19. Put the doors on. Check the foam to make sure everything is sealed. Attach the gas line, ignite the burner, and make sure you have a good flame. Ensure that the burner is up against the flue tube. GOOD LUCK.

Please Note: To help line up cooling unit with screw hole in the back of fridge, put a piece of wire (stiff wire) in each of the black circles on foam unit. Wire should be around 14” to 16” long. Make sure wire sticks out of cooling unit around 12” to 13” and then guide each wire into correct screw holes in freezer & fridge section. Hold foam unit in place while someone removes wire from inside freezer section and then puts screw in the tighten cooling unit to back of refrigerator.