

Take your time to do a great cooling unit change out. The most important part of the change out is thermal mastic used Correct and W/SLWWW/WLOW/

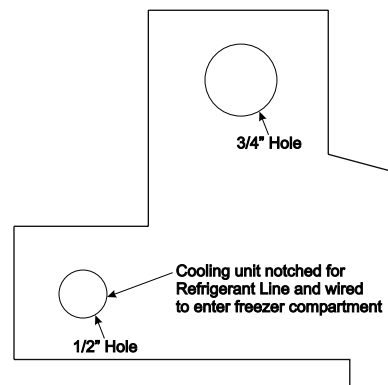
STEP 3. PREPARING THE COOLING UNIT FOR THE ICE MAKER (Models with ice makers)

- Models with compressor assist ice making, require a groove to be cut in the foam block to allow a path for the refrigerant line and wire harness. This groove needs to be present before the cooling unit can be fitted into the cabinet. Models without the compressor should proceed to number 6.
- The cooling unit frame is manufactured with a notch cut into it. This notch is where the refrigerant line and wire harness will pass through once the foam block is cut away. Use a hacksaw and make the groove on the right hand side of the foam block. The groove should be the same dimensions as the notch in the frame. See FIG. C5 & C7.
- The cooling unit can be installed into the refrigerator. See Section A, Category #1, Step 2, 1-5.
- Before the shelves and other interior parts are placed into the cabinet, the opening for the ice maker water line must be made through the foam block of the cooling unit. Look at the defective cooling unit to determine the approximate location and angle to drill the hole in the new cooling unit. The hole is drilled from the interior of the cabinet out through the rear of the refrigerator. Use a 3/4" by 8" long drill bit to make the hole. Be careful not to drill into any refrigerant lines, causing a leak. See FIG. C6.
- Proceed to number 8.
- Models without compressor, the cooling unit can be installed into the refrigerator. Before the shelves and other interior parts are placed into the cabinet, the opening for the ice maker water lines and power cords must be made through the foam block of the cooling unit. Look at the defective cooling unit to determine the approximate location and angle to drill the hole in the new cooling unit. The two holes are drilled from the interior of the cabinet out through the rear of the refrigerator. Use a 1/2" and 3/4" by 8" long drill bit to make the two holes. Be careful not to drill into any refrigerant lines, causing a leak. See FIG. C6.
- The wire harness is routed from the inside of the freezer compartment through the 1/2" hole. Pull the wire harness through the back wall of the freezer compartment. Leave sufficient length of wires (about 8") to connect to the cycle. Follow the same path that was used before by the wire harness and reconnect it to the solenoid and power cord.
- Route the water line from the water solenoid up the rear of the refrigerator. Insert the fill tube from the rear through the 3/4" hole. Use permagum to make an air tight seal around the wire harness and water fill tube. Seal both the outside and inside. If the water line is not attached to the fill tube it should be connected now. Make sure that the same routing is followed between the water solenoid and fill tube. If the water line has heat tape, be sure it is in place. Use aluminum foil tape to cover and seal the water line and wire harness to the back of the cabinet. See

ice cycle. Install the cycle using the screws removed. Make sure the end of the water fill tube will allow water to enter the cycle inlet, and is free from touching the sides or bottom. This will allow the water to drain completely out of the fill tube and prevent freezing.

- Return to Section C, Category #3, Step 2, #3.

FIG. C5



Not all models have Ice Makers so new cooling unit foam pack have not holes

FIG. C6

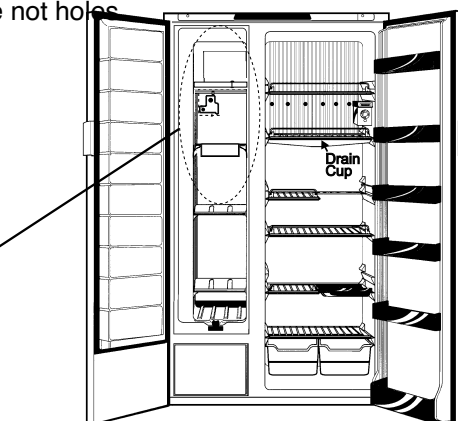
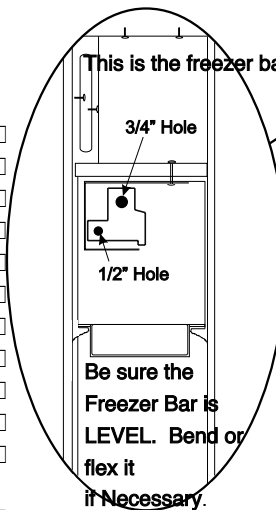


FIG. C7

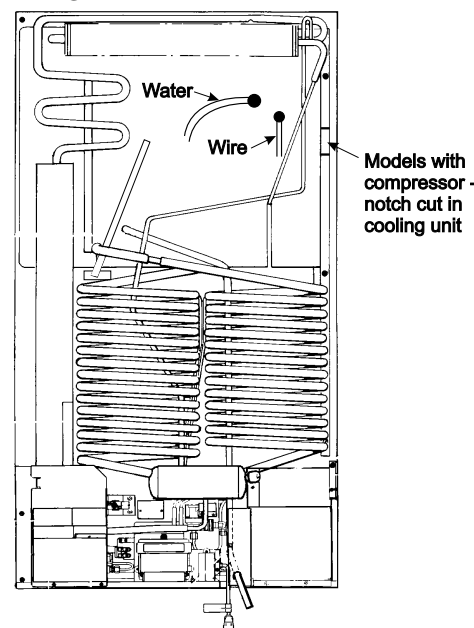


FIG. C8

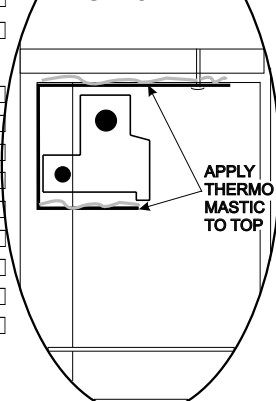


FIG. C7.

On some refrigerators after the defective cooling is removed may need some foam removal from the refrigerator cavity so the replacement cooling unit new foam pack will fit all the way to the bottom depth. After you have applied the bead of thermal mastic to exposed tube in foam pack and if any is left you can use around side of foam pack along with the sprayed foam. When you spray foam around the sides of the cavity you can also spray around the opens for freezer bar and fin locations to give a better seal and fit