Icemaker Installation Instructions for RIM313

Replacement for 1129313 and ECKMF-64

Before you start, check the wiring harness connector(s) supplied with this kit to make sure they match you electrical connections. If they do not, contact your dealer for the correct kit.

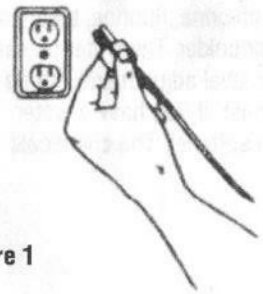


Figure 1

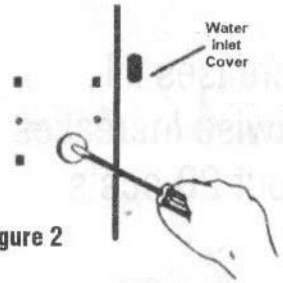


Figure 2

Figure 3

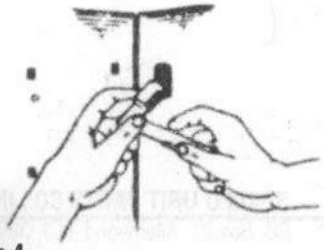


Figure 4

1. Disconnect power. To prevent shock hazard, injury, or possible death, disconnect all electrical power to the appliance before any work is started. You will need to access both the freezer compartment and the back of the Refrigerator / Freezer for this installation.

2. Remove ice trays and ice tray rack from freezer, if needed. On some models it will be necessary to remove the freezer shelf. Typically the shelf can be removed by moving the shelf from left to right until shelf is free of the mounting holes. Gently lifting the free end up. Keep the shelf to reinstall later, if needed.

3. This icemaker is for pre-wired refrigerator / freezers, if your refrigerator / freezer is not prewired, please contact your dealer for the correct icemaker unit. Most prewired units have protective plugs and covers over the water and electrical connections. Using a screwdriver or putty knife, gently remove these plugs (see Figure 2). Typically the electrical harness cover is attached with a 1/4" hex head screw, remove this cover also. Check the electrical connection in this icemaker to make sure that the connector is the right one for this refrigerator, if not contact your distributor for the correct icemaker.

4. Install tube extension on to the end of factory installed fill tube (see Figure 3). Top and bottom mount freezers use straight tube extension. Slide the extension over the inlet tube. You will align the tube with the icemaker fill tray later. On side by side models, slip the short of the angled tube over the inlet tube (see Figure 4). The long end of the tube will go into the icemaker fill tray.

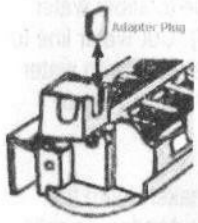


Figure 5

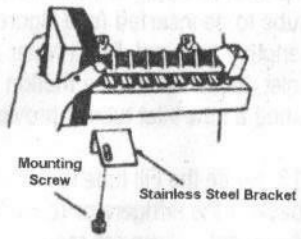


Figure 6

Figure 7

Figure 8

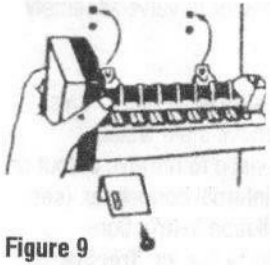


Figure 9

Figure 10

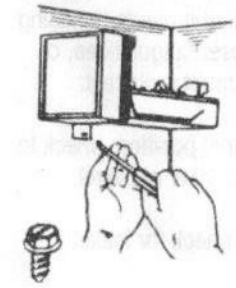


Figure 11

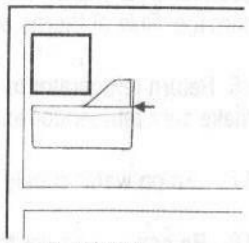


Figure 12

5. Insert provided sliding plug if needed on icemaker fill tray (see figure 5).

6. Attach stainless steel mounting bracket using screw provided screw (see Figure 6).

7. Attach mounting clips (see Figure 7) to icemaker. Plug-in icemaker (see Figure 8) harness into refrigerator connector. If you need more flexibility on the cable, the plastic sleeve maybe slit and cut away.

8. Mounting the icemaker by hooking the mounting clips into top square holes as shown in Figure 9. Push down firmly to seat clips into holes. Alternate mounting screws are provided for models using screw mount (see Figure 10). Align Fill tube extension with fill tray.

9. Secure icemaker to freezer wall with self-tapping screw to mounting hole in freezer. Technician can use the self-tapping screw to tap a new mounting hole on some models (see Figure 11).

11. Reinstall the freezer shelf in a lower position, if it is needed, slide ice bin under icemaker (as shown in Figure 12). Left side of bin should be about even with the bottom of the lower bracket, to allow the icemaker to shutoff before the bin overflows.

Figure 13

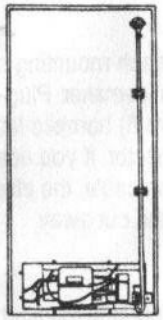


Figure 14

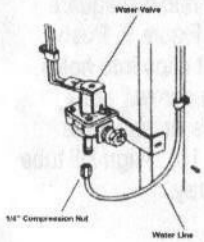


Figure 15

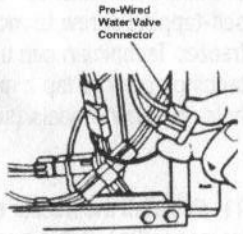


Figure 16

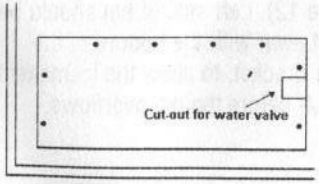


Figure 17

12. Remove plug in water inlet tube to allow water tube to be inserted (see Figure 13). Cut water line to length if required. Push water tube firmly into water inlet, tube should be a friction fit. If tubing is not snug a new inlet tube is provided.

13. Route the Fill tube for the icemaker down the back of the refrigerator (behind the condenser coils, if present). There are mounting clips provided. (see Figure 14)

13. Using factory predrilled mounting holes, attach water valve to the frame as shown in Figure 15. **Tip** : If space is limited attach icemaker fill line to valve before installing. You may need to reposition the eliminator tube on models with an internal condenser. Remember, finger tighten the compression fitting, then tighten with wrench an additional 1/4 to 1/2 turn. DO NOT OVER TIGHTEN, this will cause leaks and possible property damage.

14.Attach water valve connector to valve assembly (see Figure 16).

15. Attach a potable water supply to water valve. Purge the supply line to remove stale water, sediment and air. You may need to remove cutout on back cover if you have an internal condenser. (see Figure 17) Follow the installation instructions provided with the water supply line kit. **Trouble saving tip:** If you have an existing supply line, now is a good time to replace it, so examine the copper or plastic thoroughly to determine if it needs replacing. Look for wear marks, brittleness, fatigue lines, or damage. Rule of thumb; if in doubt replace it.

16. Return refrigerator to original position, check to make sure refrigerator and icemaker are level.

17. Turn on water supply and check for leaks.

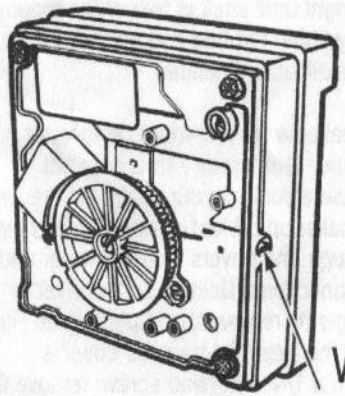
18. Re-connect power to refrigerator.

19. Turn icemaker on by making sure lever arm is in the down position (up to turn off, lift arm to stop position).

20. The icemaker will need to cycle for about 24 hours to make quality ice. Please discard any ice made in the first 24 hours. This will allow the system to purge air, stale water and rinse any dust from the inside of the icemaker.

Quality Ice

Remember quality ice starts with quality water. A water filter will prolong the life of the water inlet valve. An activated charcoal filter will remove sediment, chlorine, fluorine, taste and odors. The freezer needs to be set at 10 degrees Fahrenheit or colder, The water pressure must be between 15 psi and 125 psi (see Figure 18 for water level adjustment). If you are not connected to a state regulated water supply, a filter is a must. If you have a water softener, connect the icemaker to the water supply before the softener. The chemicals dramatically shorten the life of the icemaker and valve.



Clockwise decreases fill
Counter-Clockwise increases
1/2 turn is about 20 ccs's

Water Level Adjustment Screw

Made In China
Rev 12/07

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