



Installation Instructions for French Door Bottom Freezer

This document should only be removed by customer after installation.

WARNING

To avoid electric shock, which can cause death or severe personal injury, do not connect your refrigerator to an electrical power source until you have completed Step 2 of these instructions.

NOTE

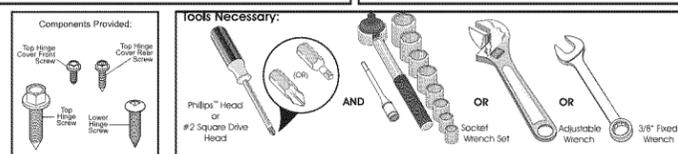
If you need to remove the doors to get your refrigerator into the house, please refer to "Door Removal" in the Use & Care Guide. These installation instructions are provided only as a possible customer option. Kenmore recommends that you use a service or kitchen contracting professional to install your refrigerator.

CAUTION

- Shifting the refrigerator from side to side may damage flooring.
- Do not block the toe grille on the lower front of your refrigerator. Sufficient air circulation is essential for proper operation.

IMPORTANT

If you are installing your refrigerator without connecting it to a water supply, make sure the icemaker's power switch is turned Off (see the Use & Care Guide for more details).



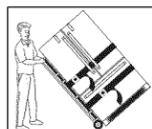
1 Prepare Installation Site

Include these minimum guidelines in your site preparation:

- Choose a place that is near a grounded, non-GFCI, electrical outlet. Do Not use an extension cord or an adapter plug.
- If possible, place the refrigerator out of direct sunlight and away from the range, dishwasher, or other heat sources.
- The refrigerator must be installed on a floor that is level and strong enough to support a fully loaded refrigerator.
- Consider water supply availability for models equipped with an automatic ice maker.

NOTE

Please call 1-800-4 MY-HOME if you need assistance with this installation.



Allow the following clearances for ease of installation, proper air circulation, and plumbing and electrical connections: Sides & Top 3/8 inch (9.5 mm)/Back 1 inch (25.4 mm)

CAUTION

Do not install the refrigerator where the temperature will drop below 55°F (13°C) or rise above 110°F (43°C). The compressor will not be able to maintain proper temperatures inside the refrigerator.

2 Connect Water Supply

Before Installing The Water Supply Line, You Will Need:

- Basic Tools: adjustable wrench, flat-blade screwdriver, and Phillips screwdriver.
- Access to a household cold water line with water pressure between 30 and 100 psi.
- A water supply line made of 1/4 inch (6.4 mm) OD, copper or stainless steel tubing. To determine the length of tubing needed, measure the distance from the ice maker inlet valve at the back of the refrigerator to your cold water pipe. Then add approximately 7 feet (2.1 meters), so the refrigerator can be moved out for cleaning (as shown).
- A shutoff valve to connect the water supply line to your household water system. DO NOT use a self-piercing type shutoff valve.
- Do not reuse compression fitting or use thread seal tape.
- A compression nut and ferrule (sleeve) for connecting a copper water supply line to the ice maker inlet valve.

WARNING

To avoid electric shock, which can cause death or severe personal injury, disconnect the refrigerator from electrical power before connecting a water supply line to the refrigerator.

CAUTION

To Avoid Property Damage:

- Copper or Stainless Steel braided tubing is recommended for the water supply line. Water supply tubing made of 1/4 inch plastic is not recommended to be used. Plastic tubing greatly increases the potential for water leaks, and the manufacturer will not be responsible for any damage if plastic tubing is used for the supply line.
- DO NOT install water supply tubing in areas where temperatures fall below freezing.
- Chemicals from a malfunctioning softener can damage the ice maker. If the ice maker is connected to soft water, ensure that the softener is maintained and working properly.

To Connect Water Supply Line To Ice Maker Inlet Valve

- Disconnect refrigerator from electric power source.
- Place end of water supply line into sink or bucket. Turn ON water supply and flush supply line until water is clear. Turn OFF water supply at shutoff valve.
- Remove plastic cap from water valve inlet and discard cap.
- If you use copper tubing - Slide brass compression nut, then ferrule (sleeve) onto water supply line. Push water supply line into water valve inlet as far as it will go (1/4 inch/6.4 mm). Slide ferrule (sleeve) into valve inlet and finger tighten compression nut onto valve. Tighten another half turn with a wrench; DO NOT overtighten. See Figure 1. If you use stainless steel tubing - The nut and ferrule are already assembled on the tubing. Slide compression nut onto valve inlet and finger tighten compression nut onto valve. Tighten another half turn with a wrench; DO NOT overtighten. See Figure 2.
- With steel clamp and screw, secure water supply line (copper tubing only) to rear panel of refrigerator as shown.
- Coil excess water supply line (copper tubing only), about 2 1/2 turns, behind refrigerator as shown and arrange coils so they do not vibrate or wear against any other surface.
- Turn ON water supply at shutoff valve and tighten any connections that leak.
- Reconnect refrigerator to electrical power source.

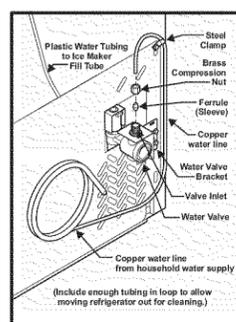


Figure 1

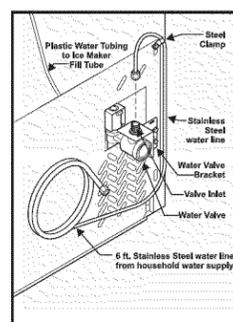


Figure 2

3 Level Refrigerator & Adjust Doors (if necessary)

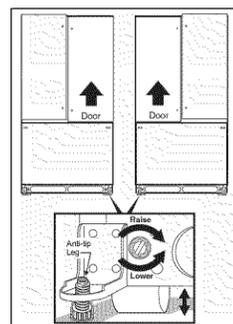
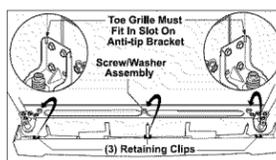
Guidelines for final positioning of your refrigerator:

- All four corners of the cabinet must rest firmly on the floor.
- The cabinet should be level at the front and rear.
- The sides should tilt 1/4-inch (6 mm) from front-to-back (to ensure that doors close and seal properly).
- Doors should align with each other and be level.

Most of these conditions can be met by raising or lowering the adjustable front rollers.

To level the cabinet using the front rollers:

- Slightly open freezer drawer. Lift the toe grille and gently pull forward (see illustration).
- You can raise or lower each door. Use a 3/8 inch socket wrench to turn the adjustment screws (1 per side).
To raise: turn adjustment screw clockwise.
To lower: turn adjustment screw counterclockwise.
- Ensure both doors are bind-free with their seals touching the cabinet on all four sides and that cabinet is stable.
- After unit is leveled, lower anti-tip leg until it contacts the floor.
- Install the toe grille by fitting into place.



To level the doors using the adjustable lower hinge (select models):

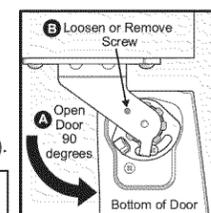
- Remove all food items from door bins on door being adjusted.
- Open doors to 90 degrees.
- Loosen or remove screw.
- Lift the door while adjusting the washer.
To raise the door, rotate washer clockwise (when viewed from the bottom).
To lower door, rotate washer counterclockwise (when viewed from the bottom).

NOTE

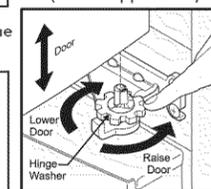
Adjustable hinge should only be used after doors have been leveled with rollers.

NOTE

If after adjusting doors higher the door makes a popping/clicking sound, remove screw and replace with the longer one supplied in the handle package (select models).



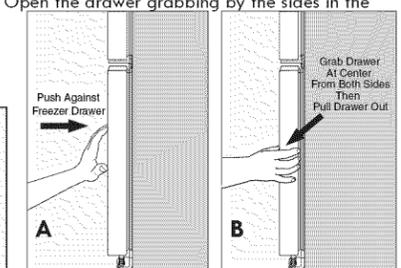
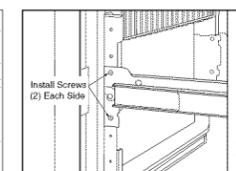
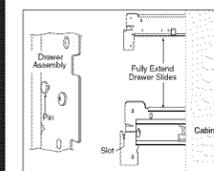
Loosen/Remove Screw (where applicable)



Raising/Lowering Door

4 Installing Freezer Drawer

- With lower slides pulled out, hang drawer onto slide brackets ensuring pins on each side are fully inserted into slots on each side.
- Reinstall four (4) drawer screws (two (2) per side), tighten down, and close drawer (C).
- Check gasket seal around top, bottom, and sides of freezer drawer.
- If gasket is not sealed, open drawer and slightly loosen four (4) drawer screws (two (2) on each side) to allow drawer to rotate.
- Close drawer and recheck the seal on the gasket (A). Open the drawer grabbing by the sides in the center (B). Be careful not to rotate the drawer.
- Tighten four (4) drawer screws.
- Recheck gasket seal.
- Install the toe grille by fitting into place.



5 Remove Internal Shipping Materials

Kenmore uses packing foam and tape to secure the internal parts of your refrigerator for shipping. Once the refrigerator is in position, you can remove this material.

What's Next?

Congratulations! You are ready to begin enjoying your new Kenmore refrigerator.

- For important safety instructions and to learn how to operate your refrigerator, please read the entire Use & Care Guide.
- You may want to start with the "Normal Operating Sights & Sounds" section of the Guide to learn what to expect during typical operation.

6 Installation Checkoff List

Doors

- Handles are secure and tight
- Door is completely sealed to cabinet on all sides
- Freezer door is level across the top

Leveling

- Refrigerator is level, side to side and is tilted 1/4 in. (6 mm) front to back
- Toe grille is properly attached to refrigerator
- Cabinet is sitting solid on all corners

Electrical Power

- House power turned on
- Refrigerator plugged in

Icemaker

- House water supply connected to refrigerator
- No water leaks present at all connections - recheck in 24 hours
- Icemaker is turned ON.

Final Checks

- Shipping material removed
- Fresh Food and Freezer controls set
- Crisper Humidity controls set

