

Installation Instructions

Refrigerator

Questions? Call 800.GE.CARES (800.432.2737) or visit our Website at: GEAppliances.com
In Canada, call 1.800.561.3344 or visit our Website at: www.GEAppliances.ca

BEFORE YOU BEGIN

Read these instructions completely and carefully.

- **IMPORTANT** — Observe all governing codes and ordinances. Save these instructions for local inspector's use.
- **Note to Installer** — Be sure to leave these instructions with the Consumer.
- **Note to Consumer** — Keep these instructions for future reference.
- **Skill level** — Installation of this appliance requires basic mechanical skills.
- **Completion time** — Refrigerator Installation
20 minutes
Water Line Installation
30 minutes
- Proper installation is the responsibility of the installer.
- Product failure due to improper installation is not covered under the Warranty.

PREPARATION

MOVING THE REFRIGERATOR INDOORS

If the refrigerator will not fit through a doorway, the refrigerator door and freezer drawer or door can be removed.

- To remove the refrigerator door, see Step 1 in the *Reversing the Door Swing* section.
- To remove the freezer drawer, see the *Removing the Freezer Drawer* section.

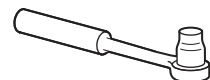
WATER SUPPLY TO THE ICE MAKER AND DISPENSER

If the refrigerator has an ice maker, it will have to be connected to a cold water line. A GE water supply kit (containing tubing, shutoff valve, fittings and instructions) is available at extra cost from your dealer, by visiting our website at GEAppliances.com (in Canada at www.GEAppliances.ca) or from Parts and Accessories, 800.626.2002 (in Canada 1.800.661.1616).

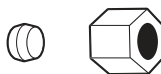
TOOLS YOU MAY NEED



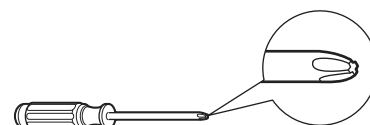
Adjustable Wrench



3/8" and 5/8" Socket Ratchet/Driver



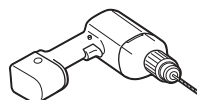
1/4" Outer Diameter Compression Nut and Ferrule (sleeve) (ice maker models only)



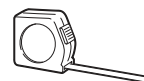
Phillips-Head Screwdriver



3/32", 1/8" & 3/16" Allen Wrenches



1/8" Drill Bit and Electric or Hand Drill



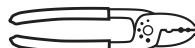
Tape Measure



Pencil



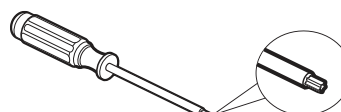
1/4" Nut Driver



Wire Cutters



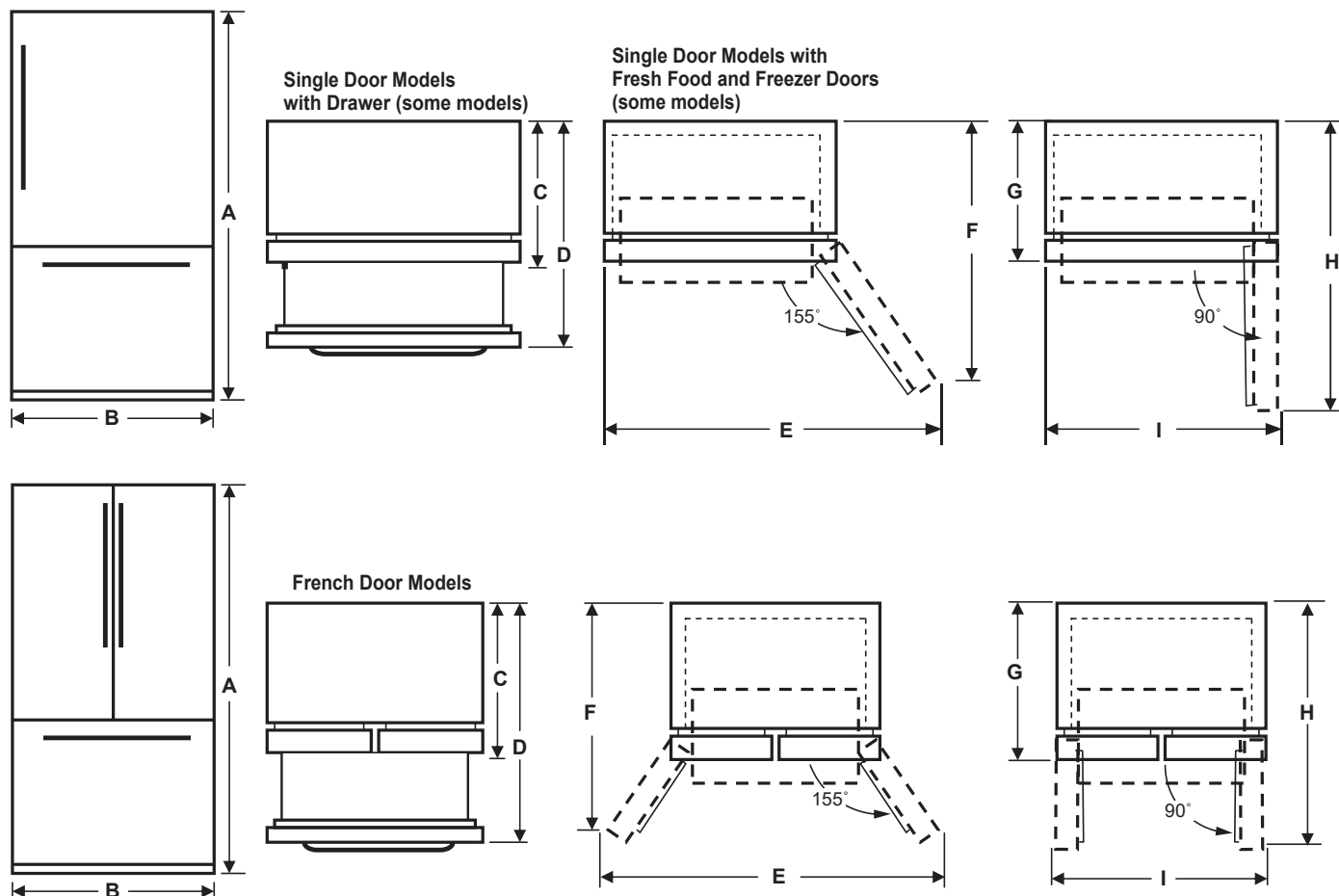
Level



Torx T20, Driver

Installation Instructions

APPLIANCE DIMENSIONS



ITEM	21 cuft models with single door	21 cuft models with french doors	25 cuft models with single door	24/25 cuft models with french doors
A*	69-7/8"	69-7/8"	69-7/8"	69-7/8"
B	30"	30"	33"	33"
C**	36-1/8"	36-3/8"	37-3/8"	37-1/8"
D**	-	54"	54-3/4"	54-3/4"
E	55"	54-7/8"	60-1/2"	60-1/2"
F	45-5/8"	37"	48"	38-3/4"
G	33-7/8"	34-3/8"	34-7/8"	35-3/8"
H	61"	45-7/8"	65"	48-3/8"
I**	33-1/2"	37-5/8"	36"	40-1/2"

NOTE:

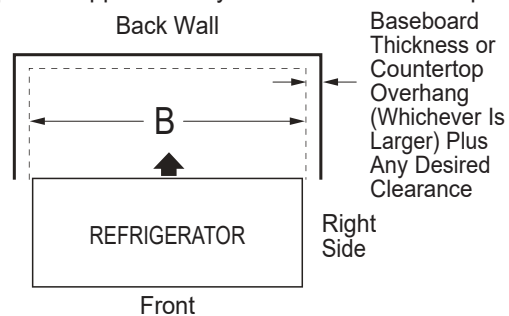
* The height of the refrigerator to the top of the door.

** Includes the handle.

MEASURE THE CABINET OPENING ACCORDING TO THE WIDTH OF THE REFRIGERATOR

Measure width of cabinet opening where refrigerator will be placed, B.

Be sure to account for any countertop overhang, baseboard thickness and any clearance desired. Width, B, should not be less than 30"-33" (depending on model). The refrigerator will be placed approximately in the middle of this opening.



Installation Instructions

INSTALLING THE REFRIGERATOR

REFRIGERATOR LOCATION

- Do not install the refrigerator where the temperature will go below 60°F (16°C) because it will not run often enough to maintain proper temperatures.
- Do not install the refrigerator where the temperature will go above 100°F (37°C) because it will not perform properly.
- Do not install the refrigerator in a location exposed to water (rain, etc.) or direct sunlight.
- Install it on a floor strong enough to support it fully loaded.

CLEARANCES

Allow the following clearances for ease of installation, proper air circulation and plumbing and electrical connections.

Sides	1/8" (3 mm)
Top	1" (25 mm)
Back	2" (50 mm)

IMPORTANT NOTES

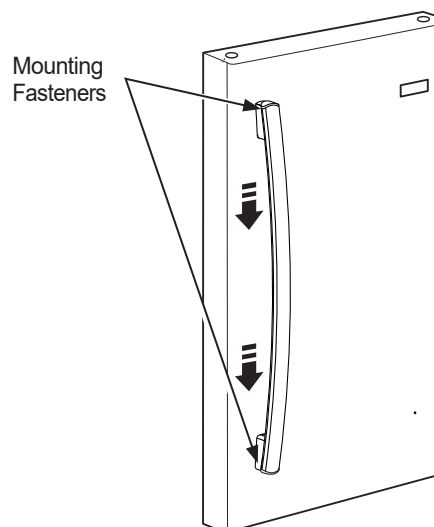
This refrigerator without the handles ranges from 34" to 35-1/4" depending on your model (see dimension G on the previous page). Doors and passageways leading to the installation location must be at least 36" in order to leave the doors attached to the refrigerator while transporting it into the installation location. If passageways are less than 36", the refrigerator doors can easily be scratched and damaged. The doors can be removed to allow the refrigerator to be safely moved indoors.

- If you need to remove the door and you have the french door model, see *Removing the French Doors* on page 20.
- If you need to remove the door and you have the single fresh food door model, see *Reversing the Door* on page 26.
- To remove the freezer door and you have the model with a freezer drawer see *Removing Freezer Drawer* on page 24.
- If you have the model with the hinged freezer door see *Reversing the Door* on page 26.
- If it is **NOT** necessary to remove doors, skip to Step 6. Leave tape and all packaging on doors until the refrigerator is in the final location. Once in place, install door handles (see Steps 1 and 2).
- **SKID REMOVAL:** Tilt refrigerator to each side to remove skid.
- **NOTE:** Use a padded hand truck to move this refrigerator. Place the refrigerator on the hand truck with a side against the truck. We strongly recommend that **TWO PEOPLE** move and complete this installation.

1 ATTACH FRESH FOOD HANDLE(S)

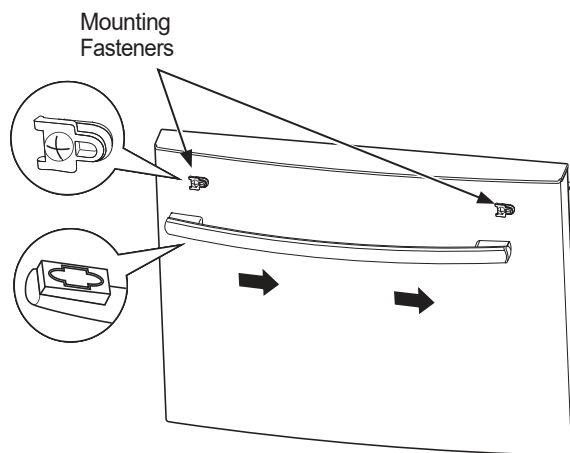
Attach the handle to the mounting fasteners by aligning the slots on the handle with the mounting fasteners. Slide the handle down until you hear a "click".

NOTE: For French Door models, follow the same procedure for both doors.



2 ATTACH FREEZER HANDLE

Attach the handle to the mounting fasteners by aligning the slots on the handle with the mounting fasteners. Slide the handle to the right until you hear a "click".



Installation Instructions

REMOVING FRENCH DOORS (on some models)

IMPORTANT NOTES

When removing french doors:

- Read the instructions all the way through before starting.
- Handles are included inside the refrigerator.
- Place the screws by their related parts to avoid using them in the wrong places.
- Provide a non-scratching work surface for the doors.

CAUTION

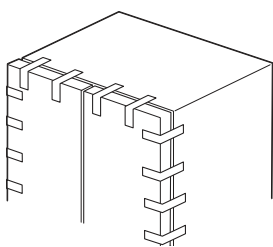
Lifting Hazard. Single person lift can cause injury. Use assistance when handling, moving or lifting the refrigerator doors.

NOTE: When moving door, to prevent damage to door and electronics carefully place the door in a proper location.

WARNING

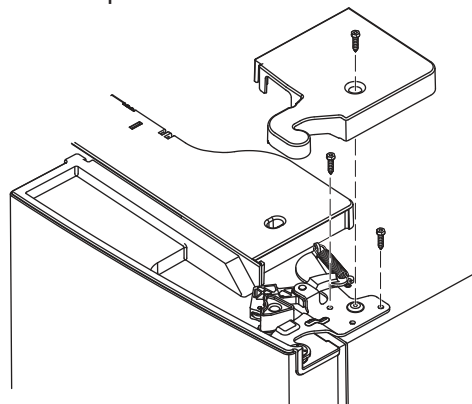
To eliminate the risk of electric shock or injury during installation, you must first unplug the refrigerator before proceeding. Failure to follow these instructions can result in electrical shock.

Tape the doors shut with adhesive tape.



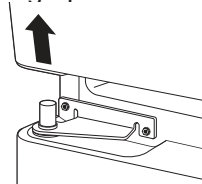
1 REMOVING RIGHT DOOR

- A. Remove the hinge cover on top of the right fresh food door by removing the screw using a Phillips screwdriver.



- B. Using a 5/16" socket ratchet/driver, remove the bolts securing the top hinge to the cabinet. Lift the hinge support straight up to free the hinge pin from the socket in the top of the door.

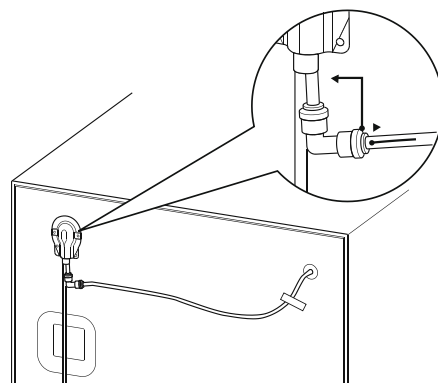
- C. Remove the tape from the right door and tilt the door away from the cabinet. Lift the door off the center hinge pin.



- D. Set the door on a non-scratching surface with the inside up.

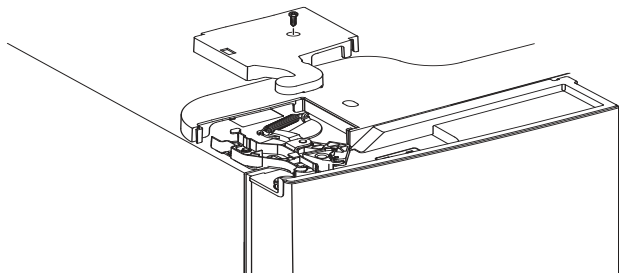
2 REMOVING LEFT DOOR

- A. **For Ice and Water Models Only:** Unplug the water line from the back of the refrigerator and remove all tape that fixes the water line to the refrigerator.



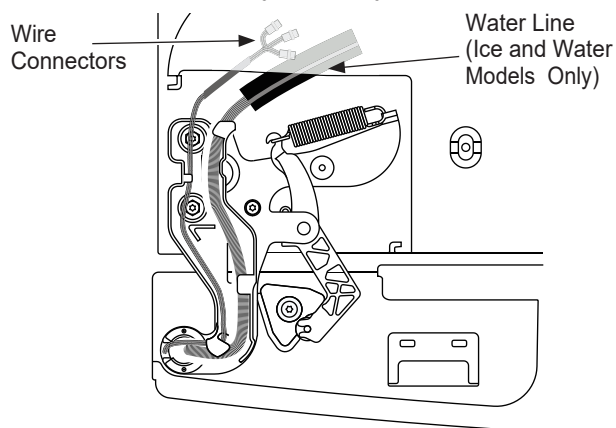
Installation Instructions

- B. Remove the hinge cover on top of the left fresh food door by removing the screw using a Phillips screwdriver.

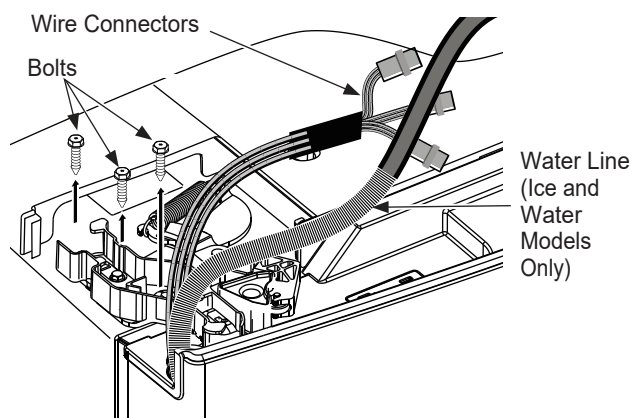


- C. Unplug the 3 wire connectors and move the wires until you can see the screws holding the hinge.

For Ice and Water Models Only: Pull the water line very carefully.



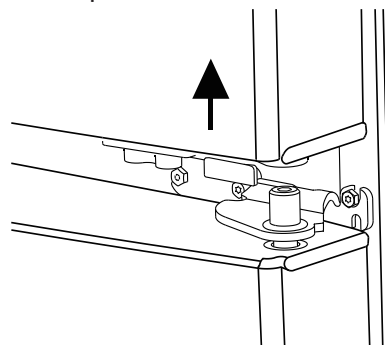
- D. Using a 5/16" socket/ratchet driver, remove the bolts securing the top hinge to the cabinet.



For NON Ice and Water Models Only: Lift the hinge straight up to free the hinge pin from the socket in the top of the door and pass the wire through the slot in the hinge. **For Ice and Water Models Only:** Do not remove hinge from the door.

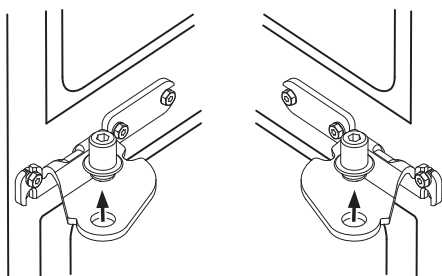
- E. Remove the tape from the door, open the door 90 degrees and tilt the door away from the cabinet. Lift the door off the center hinge pin.

- F. Set the door on a non-scratching surface with the inside up.

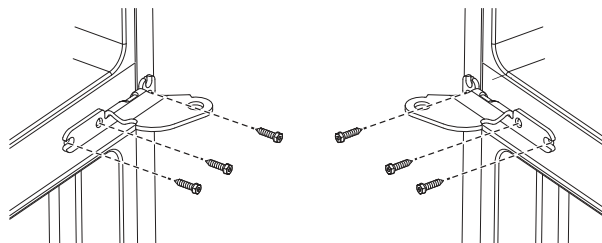


3 REMOVING CENTER HINGES AND BRACKETS

- A. Using a 1/4" Allen wrench, remove the 2 hinge pins from the hinge brackets.



- B. Using a 5/16" socket/ratchet driver, remove the bolts securing the center hinge brackets to the cabinet.



Installation Instructions

REINSTALLING THE FRENCH DOORS (on some models)

IMPORTANT NOTES

When replacing the french doors:

- Read the instructions all the way through before starting.

⚠ CAUTION

Lifting Hazard. Single person lift can cause injury. Use assistance when handling, moving or lifting the refrigerator doors.

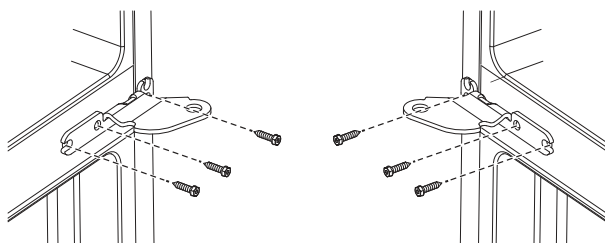
NOTE: When moving door, to prevent damage to door and electronics carefully place the door in a proper location.

⚠ WARNING

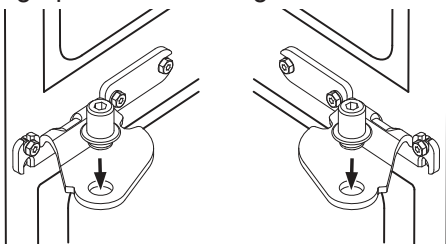
To eliminate the risk of electric shock or injury during installation, you must first unplug the refrigerator before proceeding. Failure to follow these instructions can result in electrical shock.

1 REINSTALLING CENTER HINGE BRACKETS AND HINGES

- A. Using a 5/16" socket/ratchet driver, reinstall the bolts and center hinge brackets to the cabinet.

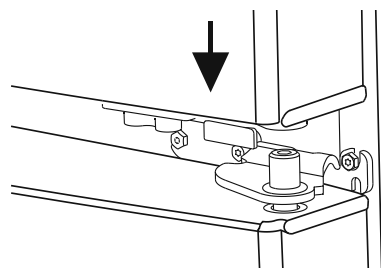


- B. Using a 1/4" Allen wrench, reinstall the 2 hinge pins into the hinge brackets.

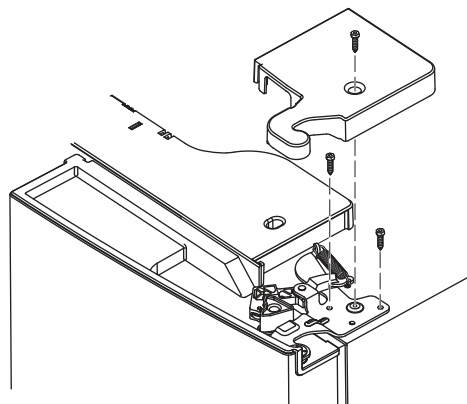


2 REHANGING THE RIGHT DOOR

- A. Lower the refrigerator door onto the right hinge pin.



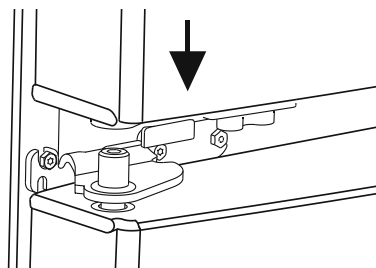
- B. Make sure the door is aligned with the cabinet. Attach the hinge to the top of the cabinet loosely with bolts removed earlier.
- C. Make sure the gasket on the door is flush against the cabinet and is not folded. Tighten the bolts to 60 lb/in.



- D. Replace the right hinge cover on top of the refrigerator using a Phillips screwdriver.

3 REHANGING THE LEFT DOOR

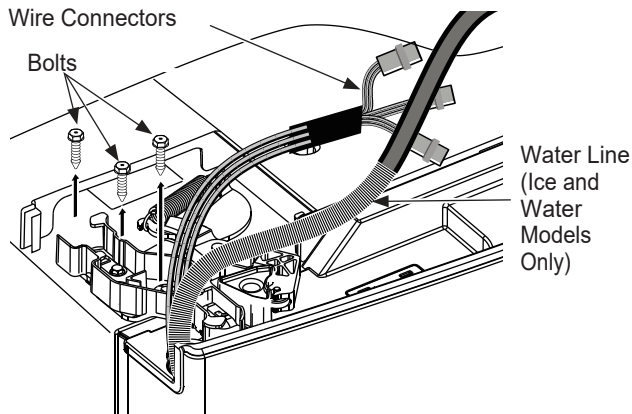
- A. **For NON Ice and Water Models Only:** Pass the wire through the slot in the hinge. Place the hinge pin into the top of the door.
- B. Lower the refrigerator door onto the left hinge pin.



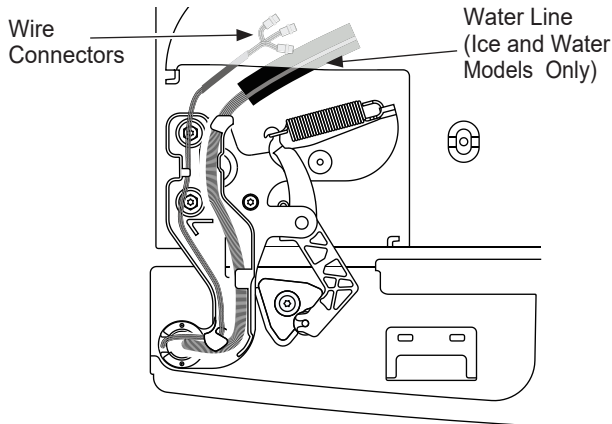
Installation Instructions

C. Make sure the door is aligned with the cabinet. Attach the hinge to the top of the cabinet loosely with bolts removed earlier.

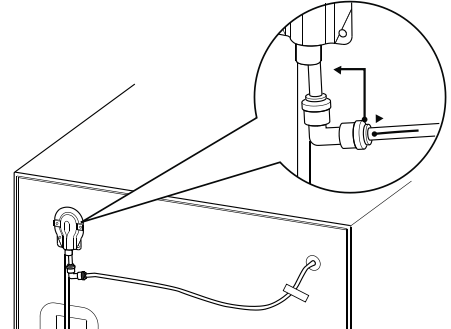
D. Make sure the gasket on the door is flush against the cabinet and is not folded. Tighten the bolts to 60 lb/in.



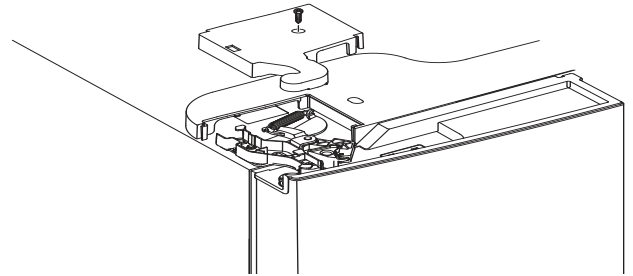
E. Plug the wire connectors together and route the wire inside the plastic port.



F. For Ice and Water Models Only: Put the water line into the hole and pass through the plastic port to the back of the refrigerator. Plug the water line back into the fixture on back of the refrigerator. Tape water line to the refrigerator.



G. Replace the left hinge cover on top of the refrigerator using a Phillips screwdriver.



Installation Instructions

REMOVING FREEZER DRAWER (on some models)

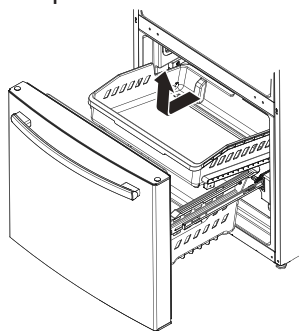
IMPORTANT NOTES

When removing freezer drawer:

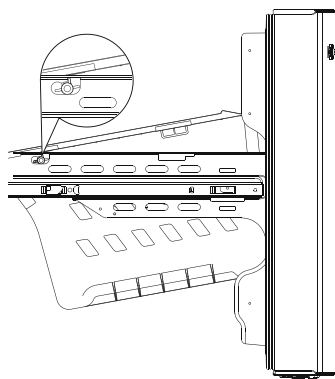
- Read the instructions all the way through before starting.
- Provide a non-scratching work surface for the doors.

1 REMOVE THE BASKETS

- A. Open the freezer drawer until it stops.
- B. Pull the top basket out until it stops. Lift the basket up on the front and out to remove.

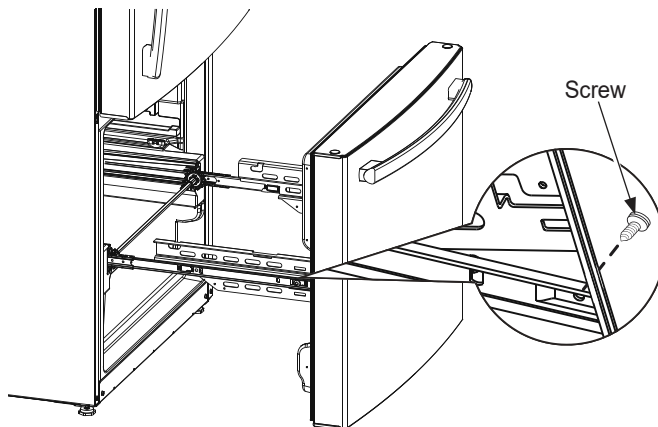


- C. The lower basket rests on a frame inside the freezer drawer. Lift the front of the basket and pull it forward. Release the pins from the slots on the frame to remove the basket.

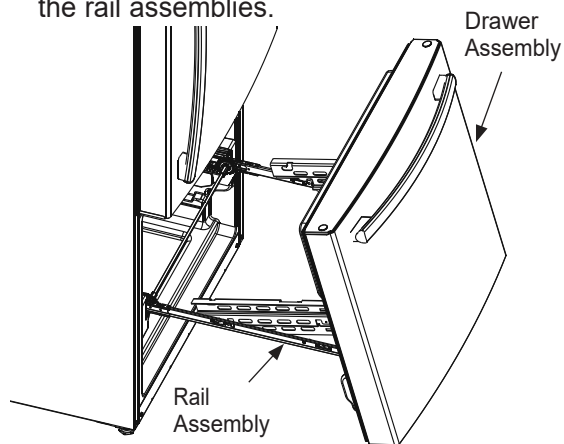


2 REMOVE THE DRAWER FRONT

- A. Remove the screw on each side of the railing.



- B. Lift up on both sides of the freezer drawer handle to separate the drawer railings from the rail assemblies.

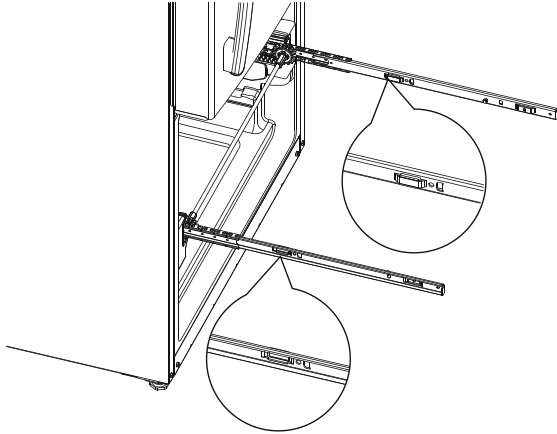


- C. Set the drawer front on a non-scratching surface.
- D. Push the rail assemblies back into locking position.

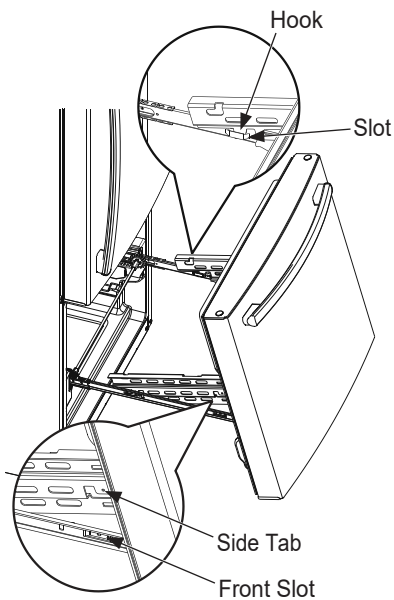
Installation Instructions

3 REINSTALL FREEZER DRAWER FRONT

- A. Pull the rail assemblies to the maximum extension.
- B. Locate the slots on the inside of each slide.

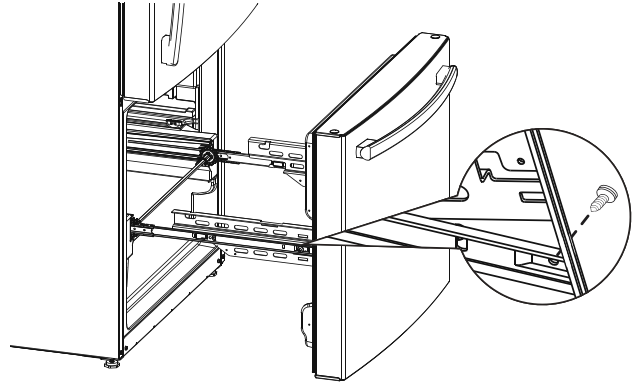


- C. Insert the hooks on the ends of the drawer assembly extensions into the slots near the back of the slides.



- D. Lower the front end of the freezer drawer assembly so the side tabs fit into the front slots on the rail assemblies.

- E. Replace the safety screws in both sides of the slide assemblies.



- F. Replace lower and upper baskets (see *About freezer drawer*, page 12).

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REVERSING THE DOOR (on some models)

IMPORTANT NOTES

When reversing doors:

- Read the instructions all the way through before starting.
- Logo badge, handles, plugs and right hinge cover are included inside the refrigerator (some models).
- Place the screws by their related parts to avoid using them in the wrong places.
- Provide a non-scratching work surface for the doors.

⚠ CAUTION

Lifting Hazard. Single person lift can cause injury. Use assistance when handling, moving or lifting the refrigerator doors.

NOTE: When removing door, to prevent damage to door and electronics carefully place the door in a proper location.

NOTE: The lower door hinge pin and hinge are keyed and must be matched correctly for the door to self close properly. Please follow directions carefully.

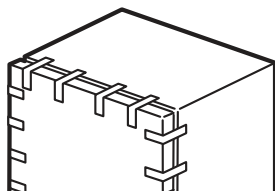
Freezer door is heavy. Use both hands to secure the door before lifting.

⚠ WARNING

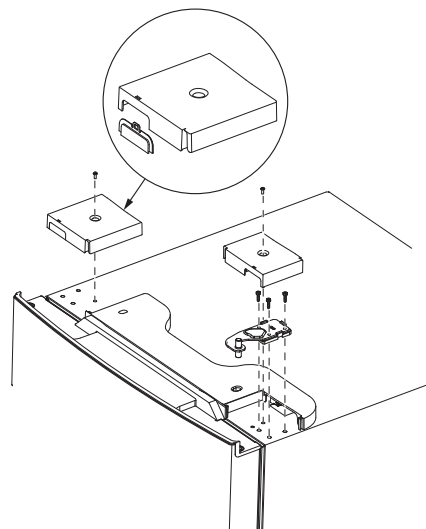
To eliminate the risk of electric shock or injury during installation, you must first unplug the refrigerator before proceeding. Failure to follow these instructions can result in electrical shock.

1 REMOVE THE REFRIGERATOR DOORS

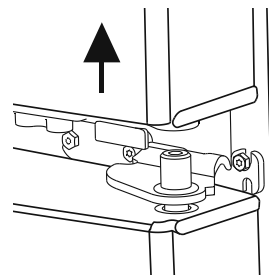
- A. Tape the door shut with masking tape.



- B. Remove right and left hinge covers on top of the refrigerator using a Phillips screwdriver.



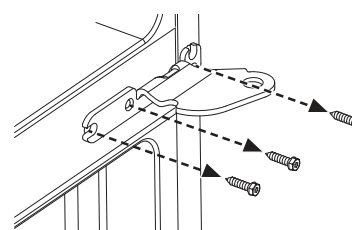
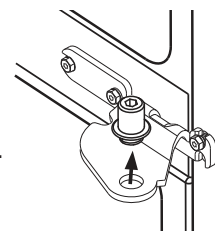
- C. Using a 5/16" socket/ratchet driver, remove the bolts securing the top hinge to the cabinet. Lift the hinge straight up to remove.



- D. Remove the tape and tilt the fresh food door away from the cabinet. Lift the door off of the center hinge pin.
- E. Set the fresh food door on a non-scratching surface with the inside up.

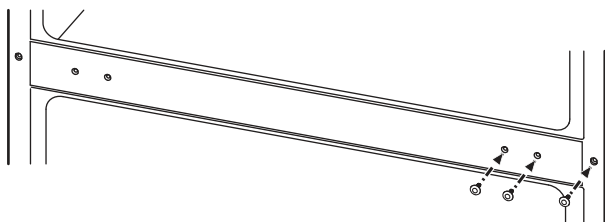
For Models With a Freezer DRAWER:

- F. Using a 1/4" Allen wrench, remove the hinge pin from the hinge bracket. The hinge pin will be used again on the opposite side.
- G. Using a 5/16" socket/ratchet driver, remove the bolts securing the center hinge to the cabinet.

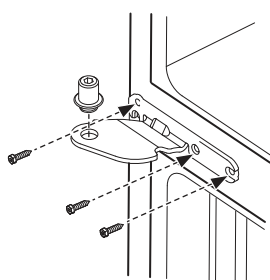


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- H. Remove the button plugs on the left side of the cabinet across from where the hinge bracket was located and install in the holes where the bracket was removed.



- I. Flip the center hinge bracket and install on the left side of the cabinet where the button plugs were removed.

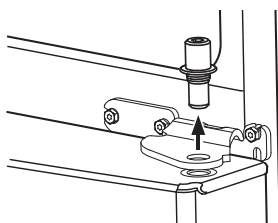


- J. Using a 1/4" Allen wrench, install the hinge pin into the center hinge bracket.

For Models With a Freezer DOOR:

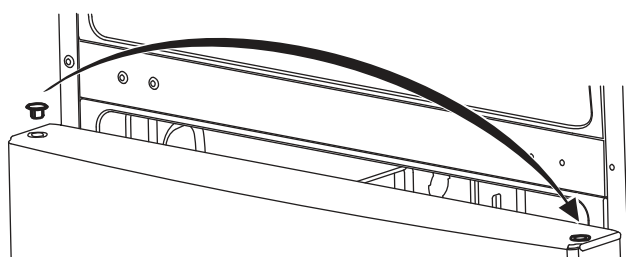
- F. Tape the freezer door shut with adhesive tape.

- G. Using a 1/4" Allen wrench, remove the hinge pin from the hinge bracket. The hinge pin will be used again on the opposite side.



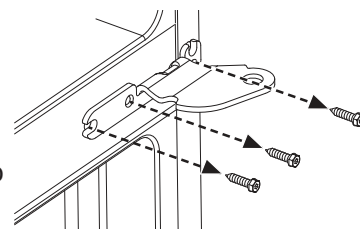
- H. Remove the tape and tilt the door away from the cabinet. Lift the door off of the bottom hinge pin.

- I. Using a thing-blade screwdriver remove the button plug from the top left side of the door and install it on the opposite side.

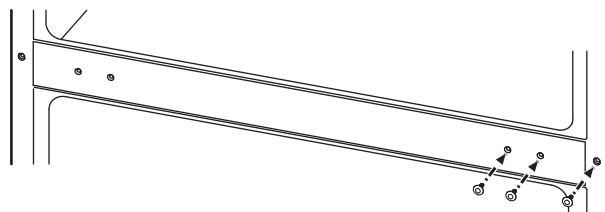


- J. Set the door on a non-scratching surface with the inside up.

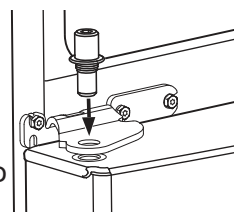
- K. Using a 5/16" socket/ratchet driver, remove the bolts securing the center hinge to the cabinet.



- L. Locate the button plugs in the kit and install them in the opposite side of center hinge.

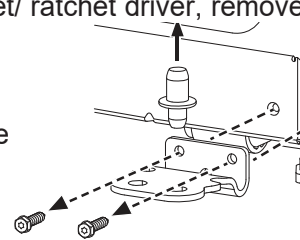


- M. Flip the center hinge bracket. Using a 5/16" socket/ratchet driver, install the center hinge bolt on the left side of the cabinet and torque to 60 in-lb.

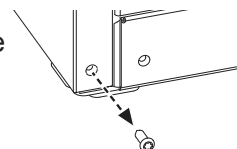


- N. Using a 1/4" Allen wrench, install the hinge pin into the center hinge bracket. Do not let the pin go past the bottom of the bracket.

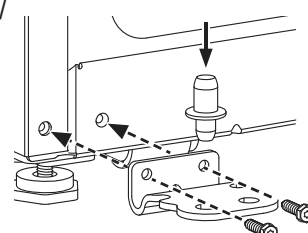
- O. Using a 5/16" socket/ ratchet driver, remove the screws from the bottom hinge bracket. These will be reinstalled on the other side. Pull up on the hinge pin to remove.



- P. Using a Torx T-20 screwdriver, remove the screw from the cabinet and install it on the other side.



- Q. Using 5/16" socket/ ratchet driver, install the bottom hinge bracket and torque the screws to 60 in-lb. Remount the hinge and pin in the opposite hole on the cabinet.

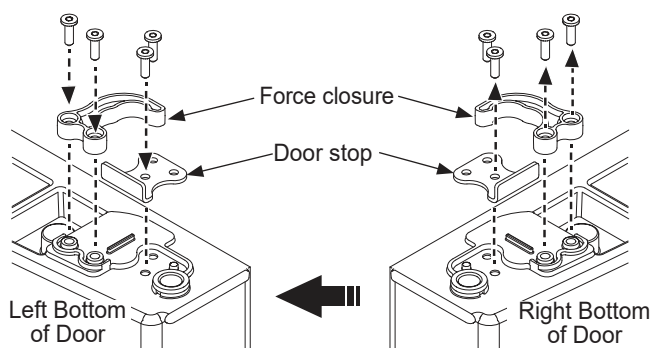


Installation Instructions

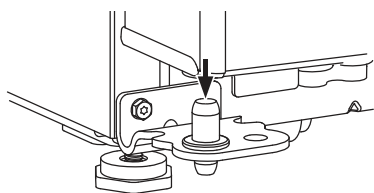
REVERSING THE DOOR (Cont.)

2 REINSTALL FREEZER DOOR.

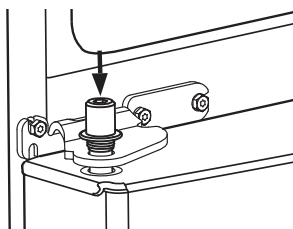
- Using a Torx T-20 screwdriver, remove the bolts securing the door stop on the bottom right of the door.
- Using a Torx T-20 screwdriver, remove the plastic force closure on the bottom right of the door.
- Flip the plastic force closure and mount it to the bottom left of the door.
- Install the door stop to the bottom left of the door.



- Lower the freezer door and make sure to insert the hinge pin in the bottom hole of the door.

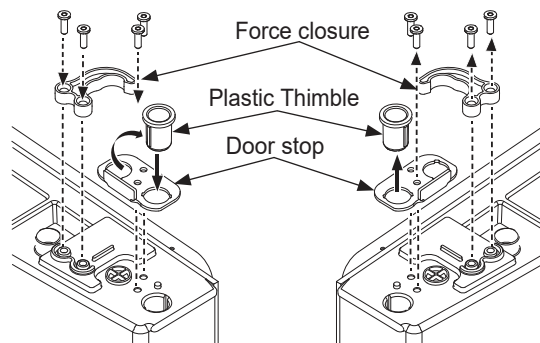


- Straighten the door and line it up with the center hinge bracket. Using a 1/4" Allen wrench, turn the hinge pin until it extends through the hinge bracket and into the door.

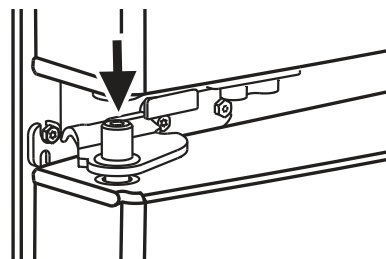


3 REINSTALL FRESH FOOD DOOR.

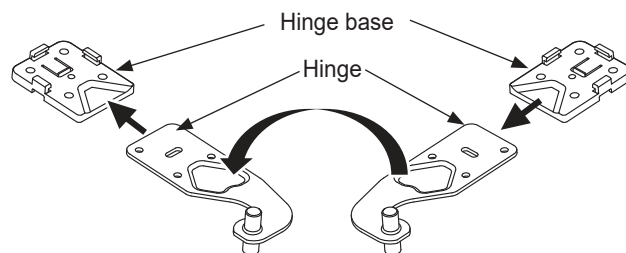
- Using a Torx T-20 screwdriver, remove the bolts securing the door stop on the bottom right of the door.



- Transfer the plastic thimble to the opposite hole. Install the door stop with the plastic thimble on the opposite side.
- Using a Torx T-20 screwdriver, remove the plastic force closure on the bottom right of the door.
- Flip the plastic force closure and mount it to the bottom left of the door.
- Install the door stop to the bottom left of the door.
- Lower the fresh food door and make sure to insert the hinge pin in the bottom hole of the door.



- Remove the hinge base from the hinge. Flip the hinge over and remount to hinge base.

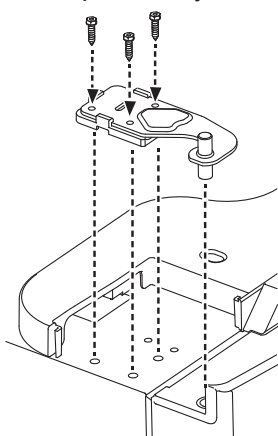


Installation Instructions

- H. Insert the top hinge pin inside the hole in the top left of the fresh food door. Make sure the door is aligned with the cabinet. Attach the hinge to the top of the cabinet loosely with the bolts that were removed previously.

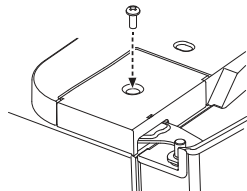
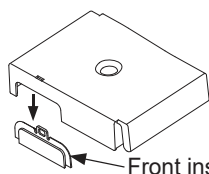
Make sure the gasket on the door is flush against the cabinet and not folded.

Support the door on the handle side and make sure the door is straight and the gap between the doors is even across the front. While holding the door in place, tighten the screws to 60 in-lb.

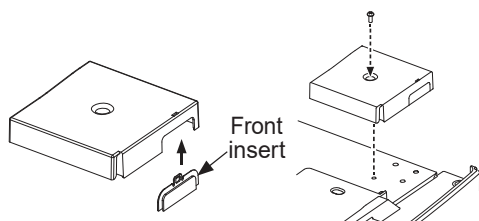


For Models with a Freezer DRAWER:

- I. Remove the front insert from the left hinge cover. Install the left hinge cover using a Phillips screwdriver and the screw removed earlier.

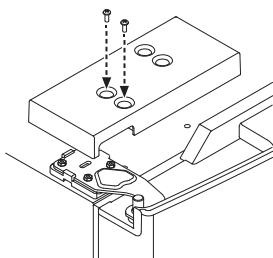


- J. Install the front insert into the right hinge cover. Install the right hinge cover using a Phillips screwdriver and the screws removed earlier.

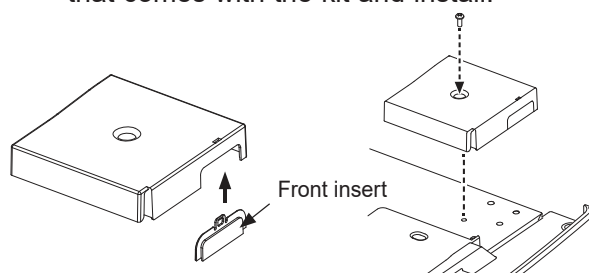


For Models with a Freezer DOOR:

- I. Locate the left hinge cover that comes with the kit. Using a Phillips screwdriver, install the cover with the screws provided.



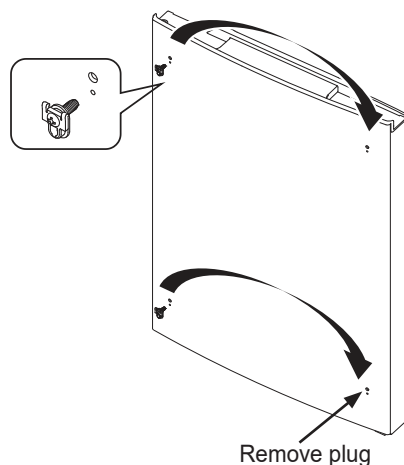
- J. Locate the insert for the right hinge cover that comes with the kit and install.



- K. Using a Phillips screwdriver, install the right hinge cover with screws provided.

4 TRANSFER HANDLE MOUNTING FASTENERS

- A. Remove the plug from the lower right whole.
B. Using a Phillips screwdriver remove the screws holding the mounting brackets from the left side and install them on the right side.



5 INSTALLING LOGO BADGE

- A. Locate the new logo badge from the kit. Remove the adhesive backing paper and align the pins on the back of the badge with the holes in the door. Apply pressure to the badge to ensure it sticks to the door.
B. Locate the button plug from the kit and install it in the opposite side of handle.



Installation Instructions

INSTALLING THE REFRIGERATOR (cont.)

6 CONNECTING THE REFRIGERATOR TO THE HOUSE WATER LINE

(Icemaker models only)

A cold water supply is required for automatic ice maker operation. If there is not a cold water supply, you will need to provide one. See Installing the Water Line section.

NOTES:

- Before making the connection to the refrigerator, be sure the refrigerator power cord is not plugged into the wall outlet.
- If your refrigerator does not have a water filter, we recommend installing one if your water supply has sand or particles that could clog the screen of the refrigerator's water valve. Install it in the water line near the refrigerator. If using GE SmartConnect™ Refrigerator Tubing Kit, you will need an additional tube (WX08X10002) to connect the filter. Do not cut plastic tube to install filter.
- Before connecting the water line to the house, purge the house line for at least 2 minutes.

A. If you are using copper tubing, place a compression nut and ferrule (sleeve) onto the end of the tubing coming from the house cold water supply.

If you are using the GE SmartConnect™ tubing, the nuts are already assembled to the tubing.

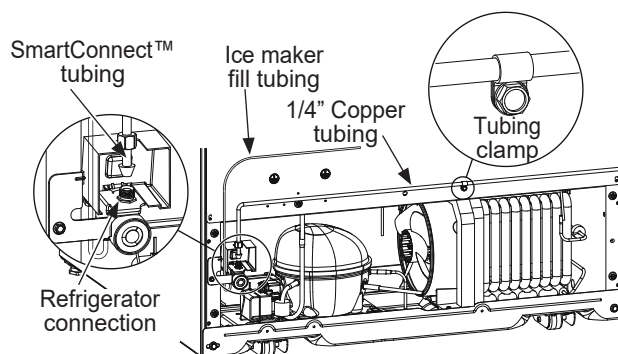
B. If you are using copper tubing, insert the end of the tubing into the refrigerator connection, at the back of the refrigerator, as far as possible. While holding the tubing, tighten the fitting.

If you are using GE SmartConnect™ tubing, insert the molded end of the tubing into the refrigerator connection, at the back of the refrigerator, and tighten the compression nut until it is hand tight. Then tighten one additional turn with a wrench. Over tightening may cause leaks.

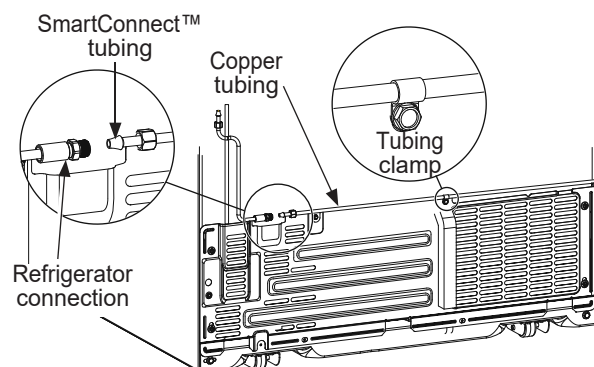
C. Fasten the tubing into the clamp provided to hold it in position. You may need to pry open the clamp.

One of the illustrations below will look like the connection on your refrigerator.

Icemaker-Ready Models



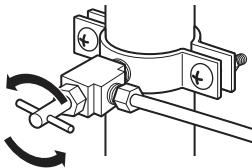
Icemaker-Installed Models



Installation Instructions

7 TURN ON THE WATER SUPPLY (Icemaker models)

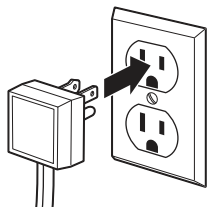
Turn the water on at the shutoff valve (house water supply) and check for any leaks.



8 PLUG IN THE REFRIGERATOR

On models with an icemaker, before plugging in the refrigerator, make sure the icemaker power switch is set to the 0 (off) position.

See the grounding information attached to the power cord.



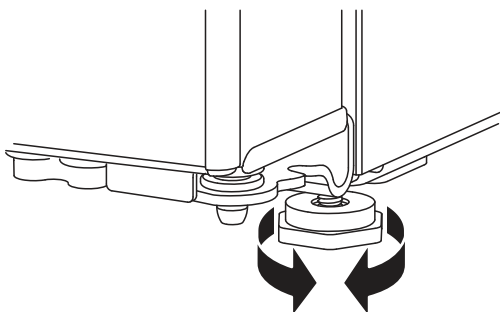
9 PUT THE REFRIGERATOR IN PLACE

Move the refrigerator to its final location.

10 LEVEL THE REFRIGERATOR

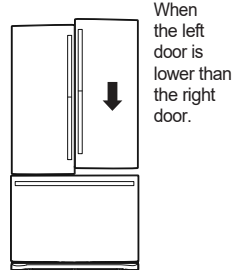
Adjustable legs at the front corners of the refrigerator should be set so the refrigerator is firmly positioned on the floor, and the front is raised just enough that the door closes easily when opened about halfway.

To adjust the leveling legs, turn the legs **clockwise to raise** the refrigerator, **counterclockwise to lower** it.

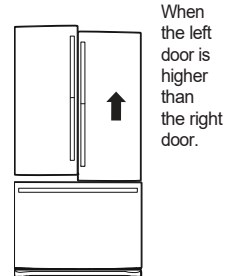


11 LEVEL THE REFRIGERATOR DOORS (on some models)

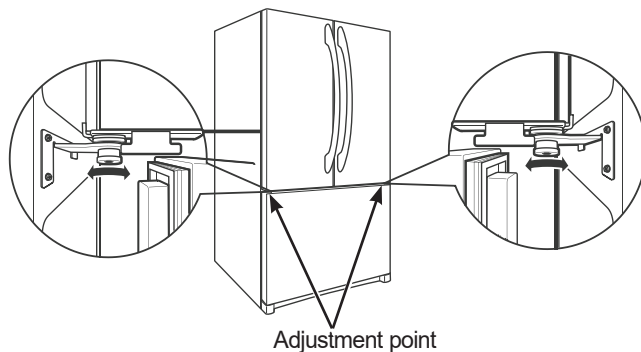
Remember a level refrigerator is necessary for getting the doors perfectly even. If you need help, review the previous section on leveling the refrigerator.



When the left door is lower than the right door.



When the left door is higher than the right door.

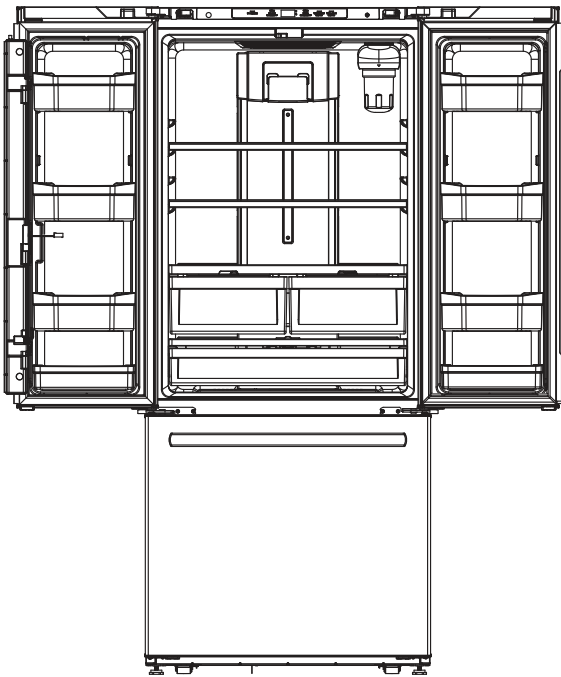


Adjustment point

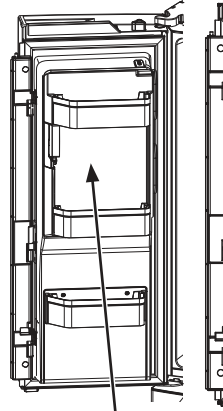
If the doors remain uneven, turn the adjustable pin to raise the lowest door using a 1/4" allen wrench to turn the pin.

Installation Instructions

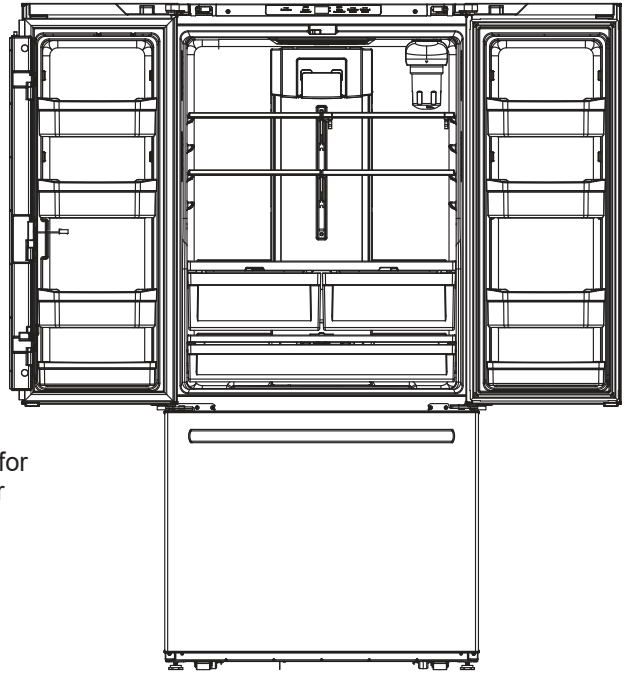
Refrigerator suggested assembly.
Shelves shown in the location for best energy efficiency.



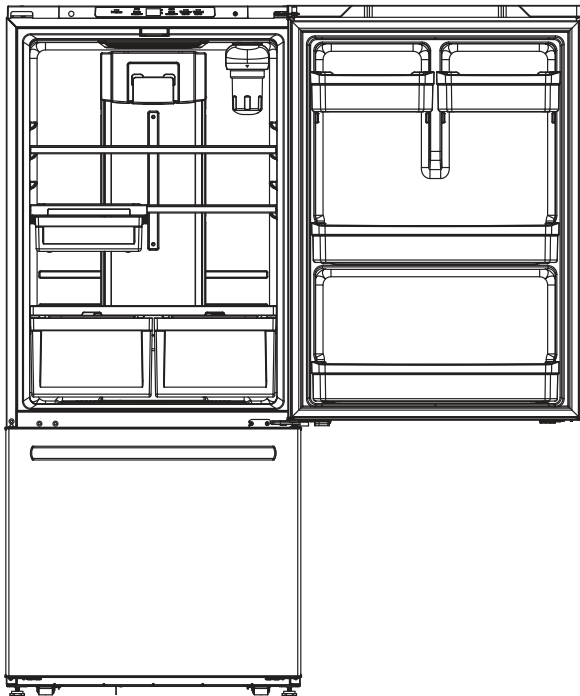
**GNE21 Models
French Door with Freezer Drawer**



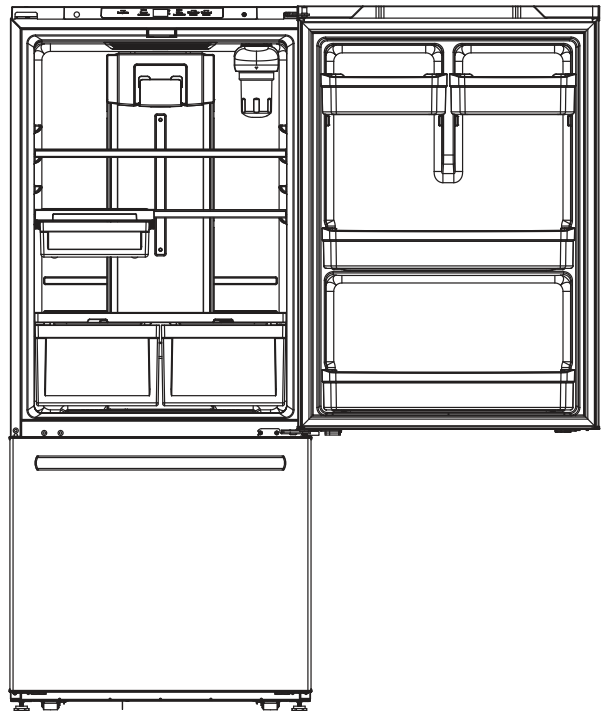
Ice maker in the door is available for all 24 french door models.



**GFE24, PFE24, CFE24, GNE25, PNE25,
CNE25 Models
French Door with Freezer Drawer**



**GDE21, GDE25 Models
Single Door with Freezer Drawer**



**GBE21, ABE21 Models
Single Door with Freezer Door**

Installation Instructions

INSTALLING THE WATER LINE

BEFORE YOU BEGIN

Recommended copper water supply kits are WX8X2, WX8X3 or WX8X4, depending on the amount of tubing you need. Approved plastic water supply lines are GE SmartConnect™ Refrigerator Tubing (WX08X10006, WX08X10015 and WX08X10025).

When connecting your refrigerator to a GE Reverse Osmosis Water System, the only approved installation is with a GE Appliances RVKit. For other reverse osmosis water systems, follow the manufacturer's recommendations.

If the water supply to the refrigerator is from a Reverse Osmosis Water Filtration System (RO) AND the refrigerator also has a water filter, use the refrigerator's filter bypass plug. Using the refrigerator's water filtration cartridge in conjunction with an RO water filter can result in hollow ice cubes. Some models do not come equipped with the filter bypass plug. To obtain a free bypass plug, call 800-GEARES. In Canada call 800.561.3344.

This water line installation is not warranted by the refrigerator or ice maker manufacturer. Follow these instructions carefully to minimize the risk of expensive water damage.

Water hammer (water banging in the pipes) in house plumbing can cause damage to refrigerator parts and lead to water leakage or flooding. Call a qualified plumber to correct water hammer before installing the water supply line to the refrigerator.

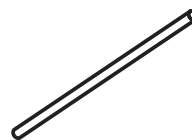
To prevent burns and product damage, do not hook up the water line to the hot water line.

Do not install the ice maker tubing in areas where temperatures fall below freezing.

When using any electrical device (such as a power drill) during installation, be sure the device is double insulated or grounded in a manner to prevent the hazard of electric shock, or is battery powered.

All installations must be in accordance with local plumbing code requirements.

WHAT YOU WILL NEED



- Copper or GE SmartConnect™ Refrigerator Tubing kit, 1/4" outer diameter to connect the refrigerator to the water supply. If using copper, be sure both ends of the tubing are cut square.

To determine how much tubing you need: measure the distance from the water valve on the back of the refrigerator to the water supply pipe. Be sure there is sufficient extra tubing to allow the refrigerator to move out from the wall after installation.

GE SmartConnect™ Refrigerator Tubing Kits are available in the following lengths:

- | | |
|-------------|--------------|
| 6' (1.8 m) | – WX08X10006 |
| 15' (4.6 m) | – WX08X10015 |
| 25' (7.6 m) | – WX08X10025 |

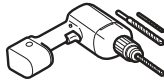
Installation Instructions

INSTALLING THE WATER LINE (cont.)

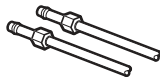
WHAT YOU WILL NEED (CONT.)

NOTE: The only GE Appliances approved plastic tubing is that supplied in GE SmartConnect™ Refrigerator Tubing kits. Do not use any other plastic water supply line because the line is under pressure at all times. Certain types of plastic will crack or rupture with age and cause water damage to your home.

- A GE Appliances water supply kit (containing tubing, shutoff valve and fittings listed below) is available at extra cost from your dealer or from Parts and Accessories, 800.626.2002 (in Canada 1.800.661.1616).
- A cold water supply. The water pressure must be between 20 and 120 p.s.i. (1.4–8.1 bar).



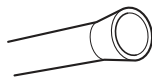
- Power drill.
- 1/2" or adjustable wrench.
- Straight and Phillips blade screwdriver.



- Two 1/4" outer diameter compression nuts and 2 ferrules (sleeves)—to connect the copper tubing to the shutoff valve and the refrigerator water valve.

OR

- If you are using a GE SmartConnect™ Refrigerator Tubing kit, the necessary fittings are preassembled to the tubing.



- If your existing copper water line has a flared fitting at the end, you will need an adapter (available at plumbing supply stores) to connect the water line to the refrigerator OR you can cut off the flared fitting with a tube cutter and then use a compression fitting. Do not cut formed end from GE SmartConnect™ Refrigerator tubing.



- Shutoff valve to connect to the cold water line. The shutoff valve should have a water inlet with a minimum inside diameter of 5/32" at the point of connection to the COLD WATER LINE. Saddle-type shutoff valves are included in many water supply kits. Before purchasing, make sure a saddle-type valve complies with your local plumbing codes.

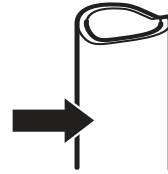
Install the shutoff valve on the nearest frequently used drinking water line.

1 SHUT OFF THE MAIN WATER SUPPLY

Turn on the nearest faucet long enough to clear the line of water.

2 CHOOSE THE VALVE LOCATION

Choose a location for the valve that is easily accessible. It is best to connect into the side of a vertical water pipe. When it is necessary to connect into a horizontal water pipe, make the connection to the top or side, rather than at the bottom, to avoid drawing off any sediment from the water pipe.

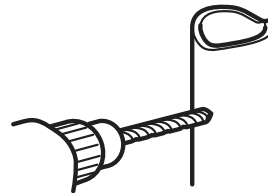


3 DRILL THE HOLE FOR THE VALVE

Drill a 1/4" hole in the water pipe (even if using a self-piercing valve), using a sharp bit. Remove any burrs resulting from drilling the hole in the pipe.

Take care not to allow water to drain into the drill.

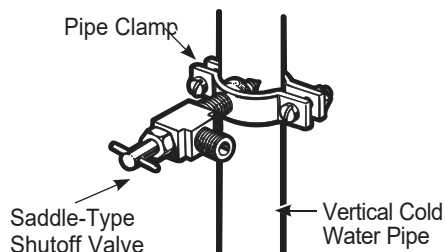
Failure to drill a 1/4" hole may result in reduced ice production or smaller cubes.



Installation Instructions

4 FASTEN THE SHUTOFF VALVE

Fasten the shutoff valve to the cold water pipe with the pipe clamp.

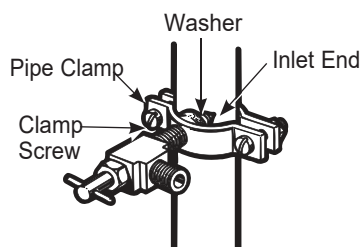


NOTE: Commonwealth of Massachusetts Plumbing Codes 248CMR shall be adhered to. Saddle valves are illegal and use is not permitted in Massachusetts. Consult with your licensed plumber.

5 TIGHTEN THE PIPE CLAMP

Tighten the clamp screws until the sealing washer begins to swell.

NOTE: Do not over tighten or you may crush the tubing.



6 ROUTE THE TUBING

Route the tubing between the cold water line and the refrigerator.

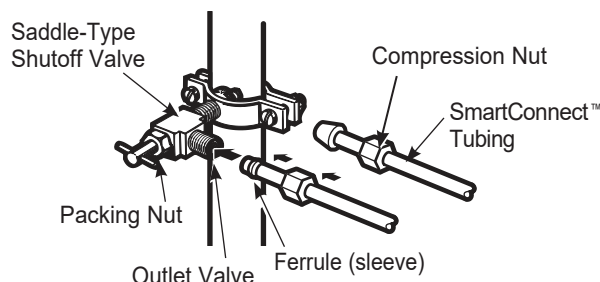
Route the tubing through a hole drilled in the wall or floor (behind the refrigerator or adjacent base cabinet) as close to the wall as possible.

7 CONNECT THE TUBING TO THE VALVE

Place the compression nut and ferrule (sleeve) for copper tubing onto the end of the tubing and connect it to the shutoff valve.

Make sure the tubing is fully inserted into the valve. Tighten the compression nut securely.

For plastic tubing from a GE SmartConnect™ Refrigerator Tubing kit, insert the molded end of the tubing into the shutoff valve and tighten compression nut until it is hand tight, then tighten one additional turn with a wrench. Over tightening may cause leaks.



NOTE: Commonwealth of Massachusetts Plumbing Codes 248CMR shall be adhered to. Saddle valves are illegal and use is not permitted in Massachusetts. Consult with your licensed plumber.

8 FLUSH OUT THE TUBING

Turn the main water supply on and flush out the tubing until the water is clear.

Shut the water off at the water valve after about one quart (1 liter), or 2 minutes, of water has been flushed through the tubing.



To complete the installation of the refrigerator, go back to Step 11 in Installing the Refrigerator.