

# DISHWASHERS

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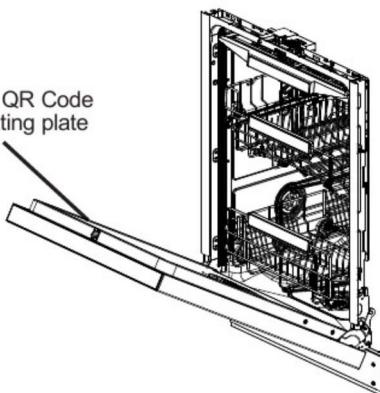
## OWNER'S GUIDE & INSTALLATION INSTRUCTIONS

**ENGLISH**  
**FRANÇAIS**

PBT700  
GBT500/600

For the latest information, scan the QR Code on the rating plate found on the side inner door.

Scan the QR Code  
on the rating plate



This manual contains the Installation Instructions. Follow these instructions completely.

Write the model and serial  
numbers here:

Model # \_\_\_\_\_

Serial # \_\_\_\_\_

You can find them on a label on  
the tub wall just inside the door.



0120506644

# IMPORTANT SAFETY INFORMATION

## READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

**WARNING** For your safety, the information in this manual must be followed to minimize the risk of fire, explosion, electric shock, and to prevent property damage, personal injury, or death.

### **WARNING PROPER INSTALLATION AND MAINTENANCE**

This dishwasher must be properly installed and located in accordance with the Installation Instructions before it is used. If you did not receive an Installation Instructions sheet with your dishwasher, you can receive one by visiting [www.GEAppliances.ca](http://www.GEAppliances.ca).

- Connect the dishwasher/appliance to a grounded metal, permanent wiring system; or run an equipment-grounding conductor with the circuit conductors and connect to the equipment-grounding terminal or lead of the appliance.
- Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service representative if you are in doubt whether the appliance is properly grounded.
- Detailed grounding instructions can be found in the "PREPARE ELECTRICAL WIRING" section of the Installation Instructions.

- Dispose of discarded appliances and shipping or packing material properly.
- Do not attempt to repair or replace any part of your dishwasher unless it is specifically recommended in this manual. All other servicing should be referred to a qualified technician.
- Use only cord kit WG04F04614 or hard-wire to building electrical. Failure to follow this instruction, could result in risk of fire and personal injury.
- To minimize the possibility of electric shock, disconnect this appliance from the power supply before attempting any maintenance.

**NOTE:** Turning the dishwasher off does not disconnect the appliance from the power supply. We recommend having a qualified technician service your appliance.

### **WARNING WHEN USING YOUR DISHWASHER, FOLLOW BASIC PRECAUTIONS, INCLUDING THE FOLLOWING:**

- Use this appliance only for its intended purpose as described in this Owner's Manual.
- Use only detergents or wetting agents recommended for use in a dishwasher and keep them out of reach of children. Using a detergent that is not specifically designed for dishwashers will cause the dishwasher to fill with suds.
- Locate sharp items so that they are not likely to damage the door seal.
- Load sharp knives with the handles up to reduce the risk of cut-type injuries.
- Do not wash plastic items unless marked dishwasher safe or the equivalent. For plastic items not so marked, check the manufacturer's recommendations.

- Do not touch the heating element during or immediately after use.
- Do not operate your dishwasher unless all enclosure panels are properly in place.
- Do not tamper with controls.
- Do not abuse, sit on or stand on the door or dish rack of the dishwasher.
- To reduce the risk of injury, do not allow children to play with, on or inside this appliance at any time.
- Do not store or use combustible materials including gasoline or other flammable liquids or vapors in the vicinity of this or any other appliance.
- Small parts can be a choke hazard to small children if removed from the dishwasher. Keep out of reach of small children.

**READ AND SAVE THESE INSTRUCTIONS**

# IMPORTANT SAFETY INFORMATION

## READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

### WARNING WATER HEATER SAFETY

Under certain conditions, hydrogen gas may be produced in a water heater that has not been used for two or more weeks. **HYDROGEN GAS IS EXPLOSIVE.**

If the hot water has not been used for two or more weeks, prevent the possibility of damage or injury by turning on all hot water faucets and allowing them to run for several minutes. Do this before using any electrical appliance connected to the hot water system. This simple procedure will allow any built-up hydrogen gas to escape. Since the gas is flammable, do not smoke, use an open flame, or use the appliance during this process.

### WARNING RISK OF CHILD ENTRAPMENT

#### PROPER DISPOSAL OF THE DISHWASHER

Junked or abandoned dishwashers are dangerous...even if they will sit for "just a few days." If you are getting rid of your dishwasher, please follow the instructions below to help prevent accidents.

- Do not allow children to play with, on, or inside this or any discarded appliance.
- Take off the door of the washing compartment.

### CAUTION TO PREVENT MINOR INJURY AND PROPERTY DAMAGE

- During or after wash cycle, contents may be hot to the touch. Use care before handling.
- Close supervision is necessary if this appliance is used by or near children. Do not allow children to play around the dishwasher when closing the door, closing the upper rack, or while vertically adjusting the upper rack due to

the possibility of small fingers being pinched.  
■ Non-Dishware Items: Do not wash items such as electronic air cleaner filters, furnace filters and paint brushes in your dishwasher. Damage to the dishwasher and discoloration or staining of the dishwasher may result.

### ELECTRICAL REQUIREMENTS

Be sure that the electrical connection and wire size are adequate and in conformance with the National Electric Code, ANSI/NFPA 70 – latest edition, and all local codes and ordinances.

#### This appliance must have:

- 120V, 60Hz, AC-only, 15-ampere or 20-ampere, fused electrical supply.
- Wiring must be 2 wire with ground and rated for 75°C (167°F).

- If the electrical supply does not meet the above requirements, call a licensed electrician before proceeding.

#### It is recommended to have:

- A circuit breaker or time-delay fuse.
- A properly grounded individual branch circuit.

### NOTICE

- If your dishwasher is connected to a wall switch, ensure that the switch is on prior to use.
- If you choose to turn the wall switch off between wash cycles, allow 5-10 seconds after turning the switch on before touching **Start** to allow the control to initialize.
- Use only powder, **Cascade® Platinum™ ActionPacs™** or **Finish® Quantum® Automatic Dishwashing Detergent**,

liquid detergents or rinse agents recommended for use in a dishwasher and keep them out of the reach of children. **Cascade® Platinum™ ActionPacs™** or **Finish® Quantum® Automatic Dishwashing Detergent**, and **Cascade® Platinum™ Power Dry™ Rinse Aid** or **Finish® Jet-Dry® Rinse Aid** rinse agents have been approved for use in all GE Appliances dishwashers.

### Proper Disposal of your Appliance

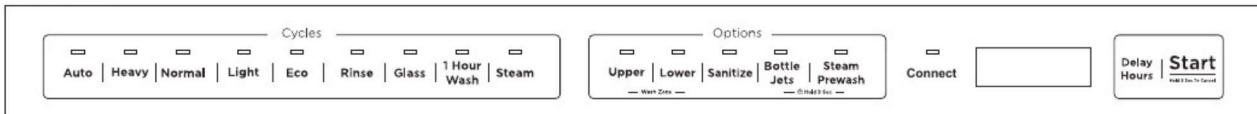
- Dispose of or recycle your discarded appliance in accordance with Federal and Local Regulations. Contact your local authorities for the environmentally safe disposal or recycling of your discarded appliance.
- Consider recycling options for your appliance packaging material.

## READ AND SAVE THESE INSTRUCTIONS

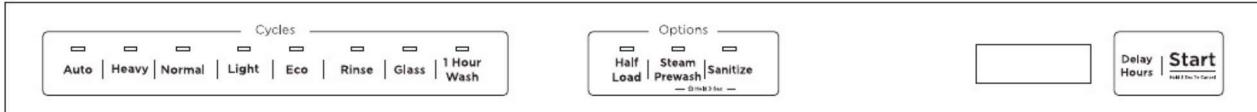
# Getting started

Features and appearance will vary throughout this manual

PBT700



GBT600

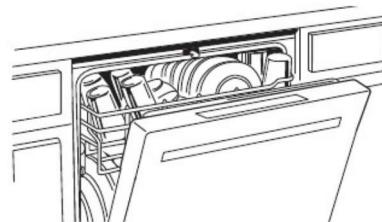


GBT500



## 1 Load Dishwasher

For best dishwashing results, follow the loading guidelines found in the **Loading** section. No pre-rinsing of normal food soil is required. Scrape off hard soils, including bones, toothpicks, skins, and seeds. Remove leafy vegetables, meat trimmings, and excessive amounts of grease or oil.



## 2 Add Detergent

Add needed amount of detergent to the detergent dispenser. Use high quality detergents such as **Cascade® Platinum™ ActionPacs™** or **Finish® Quantum® Automatic Dishwashing Detergent**. See **Dispensers** section.

## 3 Add Rinse Agent

Add high quality rinse agents such as **Cascade® Platinum™ Power Dry™ Rinse Aid** or **Finish® Jet-Dry® Rinse Aid** to the rinse agent dispenser. See **Dispensers** section. **NOTE:** The use of rinse aid can further enhance the dishwasher's drying performance.

## 4 Select Cycle

Open the door and press the **Wash Program** or **Cycle Select** pad for the desired wash cycle. The light next to the pad will be lit to indicate which wash cycle has been selected.

**NOTE:** Cycle times vary based on soil level, water temperature, and options selected.

The cycle must be selected with the door in the open position. The cycle will not start until the **Start** pad is pushed and the door is closed within 4 seconds.

**Auto / AutoSense** This cycle automatically senses the soil level and adjusts the wash cycle accordingly. **NOTE:** AutoSense was used to rate the energy efficiency of GBT500 models. \*Time range: 1 hour 22 minutes - 2 hours 30 minutes (Auto), 3 hours 55 minutes - 4 hours 25 minutes (AutoSense).

**Heavy** This cycle is meant for heavily soiled dishes, cookware, pots, or pans with dried-on or baked-on soils. Everyday dishes are safe to be used in this cycle. \*Time: 2 hours 23 minutes.

# Getting started

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<b>Normal</b> (on some models)	This cycle is meant for daily, regular, or typical use to completely wash a full load of normally soiled dishes and is designed to conserve both water and energy. <b>NOTE:</b> <b>Normal</b> was used to rate the energy efficiency of PBT700, GBT600 models. *Time: 3 hours 22 minutes (PBT700) or 2 hours 44 minutes (GBT600).
<b>Light</b>	This cycle is for light to medium soiled dishes. It is safe for china and crystal with no options selected. *Time: 44 minutes.
<b>Eco</b> (on some models)	This cycle is for normally soiled dishes, and is designed to optimum water and energy usage. *Time: 5 hours 3 minutes (PBT700) or 3 hours 55 minutes (GBT600).
<b>Rinse</b> (on some models)	For rinsing partial loads that will be washed later. Do not use detergent. Detergent is not dispensed during the rinse cycle. *Time: 10 minutes.
<b>Glass</b> (on some models)	For lightly soiled and heat sensitive crockery and glassware such as wine glasses. *Time: 1 hour 17 minutes.
<b>1 Hour wash</b> (on some models)	This cycle will quickly wash lightly soiled dishes. *Time: 60 minutes.
<b>Steam</b> (on some models)	This cycle will increases the temperatures and retains them for an extra long time to obtain a defined disinfection performance. *Time: 2 hours 19 minutes.

\*Auto Hot Start, or options. **NOTE:** If the incoming water temperature is too low, the Auto Hot Start feature may add up to 30 minutes of additional time.

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## 5 Select Options

The light by the selected pad will be lit to indicate which Option has been selected.

<b>Upper</b> (on some models)	This option is for washing the dishes only placed in the upper and third rack. This will shorten the cycle time and conserve energy.
<b>Lower</b> (on some models)	This option is for washing the dishes only placed in the lower rack. This will shorten the cycle time and conserve energy.
<b>Bottle Jets</b> (on some models)	This option increases the time that the bottle jets are on. Use this to wash difficult to clean, dishwasher safe baby bottles, sport bottles, tall coffee cups, etc.
<b>Steam Prewash</b> (on some models)	This option increases the temperature and cycle time by 30 minutes of prewash.
<b>Half Load</b> (on some models)	This option is for placed 1/2 load or less load. This will shorten the cycle time and conserve energy.
<b>Boost</b> (on some models)	This option raises water temperature and extends cycle time in order to achieve better wash performance.

# Getting started

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<b>Sanitize</b>	This option raises the water temperature in the final rinse to sanitize your dishware. The cycle length may vary depending on the temperature of your inlet water. <b>NOTE:</b> Cycles using this option are monitored for sanitization requirements. If the cycle is interrupted during or after the main wash portion or if the incoming water temperature is so low that adequate water heating cannot be achieved, the sanitizing conditions may not be met. In these cases, the Sanitized light will not illuminate at the end of the cycle. Utilizing this option will modify the cycle to meet the requirements of Section 6, NSF 184 for soil removal and sanitization efficacy. <b>NOTE:</b> NSF certified residential dishwashers are not intended for licensed food establishments. <b>Warning:</b> NSF only sanitizing cycles have been designed to meet the requirements of 6 for soil removal and sanitization efficacy.
<b>Delay Start / Delay Hours</b>	This option allows you to delay the start of a wash cycle for up to 12 hours. With the door open and a cycle selected, press the <b>Delay Start</b> or <b>Delay Hours</b> pad to choose the number of hours you want to delay the start of the wash cycle. The hours will show in the display window. <b>NOTE:</b> You may cancel the Delay Start timer by holding the <b>Start</b> pad for 3 seconds. This will also cancel the wash cycle.
<b>Lock Controls</b>	You can lock the controls to prevent selections from being made. You can also lock the controls after you have started a cycle to prevent cycle changes. For example, children cannot accidentally start the dishwasher by pressing pads with this option selected. To <b>LOCK/UNLOCK</b> the dishwasher control, press and hold the pads for 3 seconds. The lock control light (🔒) will turn on to indicate the control is locked and will turn off to indicate the control is unlocked. For the <b>PBT700</b> models, press and hold the <b>Steam Prewash</b> and <b>Bottle Jets</b> pads. For the <b>GBT600</b> models, press and hold the <b>Steam Prewash</b> and <b>Sanitize</b> pads. For the <b>GBT500</b> models, press and hold the <b>Cycle Select</b> and <b>Wash Temp</b> pads.

## 6 Start Dishwasher

<b>Start</b>	Press the <b>Start</b> pad and close the door within 4 seconds to start the cycle or begin the <b>Delay Start</b> countdown. The Start light or Display will turn on. The wash cycle will begin shortly and then pump out for 35 seconds prior to filling the dishwasher with water. The display will turn off if the door remains open for 30 seconds. To activate the display, press any pad with the door open.
<b>Interrupt or Pause</b>	To interrupt or pause a cycle, slowly open the door. Opening the door will cause the wash cycle to pause. After 7 minutes the dishwasher will beep every 90 seconds to remind you to close the door. To restart or resume the cycle, press <b>Start</b> pad, and close the door within 4 seconds.
<b>Cancel</b>	To cancel a wash cycle, press and hold the <b>Start</b> pad for 3 seconds and close door. The dishwasher will emit a beep sound, press and hold the <b>Start</b> pad for 3 seconds the wash cycle light will turn off.

## 7 Cycle Indicator Lights and Sounds

<b>Sanitized</b> (on some models)	Displayed at end of the cycle when Wash Temp Sani or Sanitize Temp has been selected and dishwasher has met requirements for sanitization. See Wash Temp Sani or Sanitize Temp, for complete description. Closing door or pressing any pad will turn off light.
<b>Clean</b> (on some models)	Displayed when a wash cycle is complete. The light stays ON as a reminder that the dishes are clean.
<b>Cycle Status</b> (on some models)	The indicator light on the door front will change color to indicate the wash status. During the wash cycle, the indicator light will be amber. When the wash cycle is complete, the light will change to white.
<b>Sounds</b>	The dishwasher will emit a sound to indicate cycle completion, pad presses, and door ajar.

# Getting started

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<b>Sabbath/Door</b>	To turn this option ON/OFF, press and hold the pads for 3 seconds, close the door for the dishwasher to go into sleep mode. In the OFF mode, the control display, control sounds, and interior lights (on some models) will not respond to the door opening/closing. This mode can be used when observing certain religious holidays such as the Sabbath. To activate the control and interior lights (on some models), press any pad for 3 seconds.
	For the <b>PBT700, GBT600</b> models. press and hold <b>Start</b> and <b>Heavy</b> pads.
	For the <b>GBT500</b> models. press and hold <b>Start</b> and <b>Wash Temp</b> pads.

## 8 Start and Close the Wi-Fi connect (on some models)

Press and hold the **Connect** pad for 3 seconds to enter configuration mode. The display show the 'App' and the Wi-Fi light (Wi-Fi) will start blinking. If the configuration is successful, the dishwasher will emit a beep sound and the Wi-Fi light (Wi-Fi) will turn on, but connect light still turn off. After Wi-Fi connect successfully, follow the tips of the App. Press and hold the **DELAY** pad for 3 seconds to enter remote setting and connect light will turn on. Can remote to use app operate the dishwasher.

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## 9 Automatic door opening

After the wash the door will automatically open slightly to assist with drying.\* For best results, unload dishes once cooled. This feature can be disabled, refer to **User Settings Mode** section.

For the **PBT700, GBT600** models. In ECO wash cycle, the Automatic door opening feature can not be disabled. Rinse wash cycle without Automatic door opening feature.

For the **GBT500** models. In AutoSense (Auto|Normal) wash cycle, the Automatic door opening feature can not be disabled.

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## Check the Water Temperature

The entering water should be at least 120°F (49°C) and not more than 150°F (66°C) for effective cleaning and to prevent dish damage. Check the water temperature with a candy or meat thermometer.

Turn on the hot water faucet nearest the dishwasher, place the thermometer in a glass and let the water run continuously into the glass until the temperature stops rising.

# Dispensers

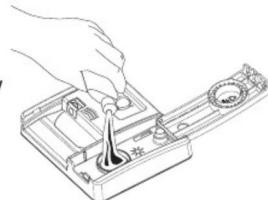
## Use a Rinse Agent

High quality rinse agents such as **Cascade® Platinum™ Power Dry™ Rinse Aid** or **Finish® Jet-Dry® Rinse Aid** are designed for great drying action and to protect against spots and film build-up on your dishes, glasses, flatware, cookware, and plastic.

## Filling the Rinse Agent Dispenser

The rinse agent dispenser holds 3.9 oz. (115 ml) of rinse agent. Under normal conditions, this will last approximately one month.

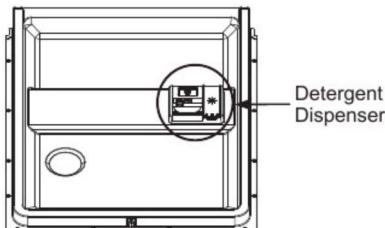
- 1 Make sure the dishwasher door is fully open.
- 2 Open the dispenser door. (Rinse agent compartment is on the right side of dispenser.)
- 3 Slowly add rinse agent until the cup is full. You may need to pause several times to allow rinse aid to settle.
- 4 Clean up any spilled rinse agent with a damp cloth to prevent foam from forming inside the dishwasher.
- 5 Close the dispenser door.



## Detergent Dispenser

To open, press the button and the cover will flip back. The detergent dispenser has two compartments. The pre-wash compartment is on the lid of the detergent dispenser. Use the pre-wash compartment only when your water is extremely hard or when you have a heavy soiled load. The pre-wash compartment is not used when tablet or packet detergents are used.

**NOTE:** Do not block detergent dispenser with large or tall utensils.



You may use tablet, packet, powder, liquid or gel automatic dishwasher detergent. Make sure you use only detergents specifically labeled for use in automatic dishwashers. Never use liquid hand dish detergent in an automatic dishwasher. Sudsing and poor wash performance will result with the use of improper detergents.

Detergents should be stored in a dry location and in their original container to prevent loss of effectiveness. Place detergent in the cup just prior to starting the dishwasher and then close the cover. The cover will open during the wash cycle.

## Filling the Detergent Dispenser

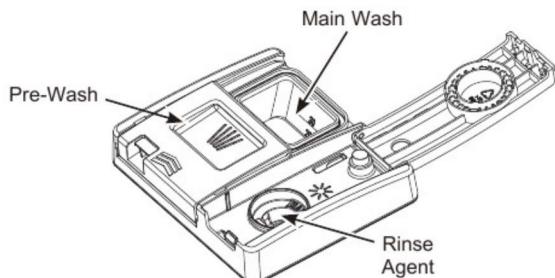
We recommend using high quality detergent in tablet or packet form. Independent testing has shown this form of detergent is very effective in the dishwasher.

**Cascade® Platinum™ ActionPacs™** or **Finish® Quantum® Powerball®** are examples of this type of detergent. Simply put a tablet or packet into the main wash compartment and close the detergent cup cover. Please notice that the tablet or packet must be placed in the main wash compartment of the detergent cup. If the tablet or packet is placed in the prewash compartment or tossed in the bottom of the dishwasher, the detergent will be flushed down the drain in a very short period of time and will thus be wasted. Wash performance will be very poor as a result.

If you choose to use detergent in powder, liquid or gel form, the amount of detergent you use will be determined by the hardness of your water, the temperature of your water, and the food soil load inside the dishwasher. Contact your water company to get information about the hardness of the water in your area. Water hardness is measured in grains per gallon. Use this information and the table above to determine the amount of detergent to use. You may purchase a hard water test strip from GE Appliances. Call 800-661-1616 and ask for part number **WG04F04842**.

# Dispensers

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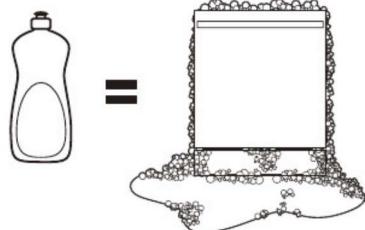


Use the table as a starting point and then adjust the amount of detergent you use. Use just enough to get good wash performance. Using just the right amount of detergent will provide great wash performance without wasting detergent or etching glassware.

Number of Grains/Gal.	Detergent Cup(s) to Fill
Less than 4	Fill main cup to line 15
4 to 7	Fill main cup to line 25
Greater than 7	Fill both main cup and pre-wash cup

Using too much detergent with very soft and/or very hot water may cause a condition called etching on your glassware. Etching is a permanent cloudiness in your glassware. This condition is irreversible. However, using too little detergent will cause poor wash performance.

## DO NOT USE HAND DISH DETERGENT



**NOTE:** Using a detergent that is not specifically designed for dishwashers will cause the dishwasher to fill with suds. During operation, these suds will spill out of the dishwasher vents, covering the kitchen floor and making the floor wet. Because so many detergent containers look alike, store the dishwasher detergent in a separate space from all other cleaners. Show anyone who may use the dishwasher the correct detergent and where it is stored. While there will be no lasting damage to the dishwasher, your dishes will not get clean using a dishwashing detergent that is not formulated for automatic dishwashers.

## Consumer Help Indicator

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Your dishwasher is equipped with Consumer Help Indicator (CHI). CHI is our way to communicate a simple remedy for some situations that you can perform without the need to call for service. The chart below describes the helpful messages you may notice on your display when you return to start another load. These messages will provide simple remedies you can quickly perform.

<b>404</b>	Indicates there is water flow insufficient. Make sure the water is connected and full turned on.
<b>405</b>	Indicates there is no water flow detected. Make sure the water is connected and turned on.
<b>400</b>	Indicates there is water flow detected on the base float, turn off the water supply to avoid damage.

To exit the Consumer Help Indicator:

Open the door and press the **Start** pad once, then close the door and the washing process continues. Or press the **Start** pad for 3 seconds to turn off and restart (400 code only can use this way to exit after clean the overflow water on the base float).

# Appliance Communication

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## WiFi Connect (on some models)

Your dishwasher is **GE Appliances WiFi Connect** capable. A WiFi communication card is built into the product allowing it to communicate with your smartphone for remote monitoring, control and notifications.

Please visit [www.GEAppliances.com/connect](http://www.GEAppliances.com/connect) to connect your appliance, learn more about connected appliance features and learn what connected appliance app's will work with your smartphone.

WiFi Connectivity: For assistance with the appliance or the **ConnectPlus** network connectivity, please call GE Appliances at **800.220.6899**.

*This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:*

*1. This device may not cause harmful interference, and*

*2. This device must accept any interference received, including interference that may cause undesired operation.*

*This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:*

- *Reorient or relocate the receiving antenna.*
- *Increase the separation between the equipment and receiver.*
- *Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.*
- *Consult the dealer or an experienced radio/television technician for help.*

**Labelling:** Changes or modifications to this unit not expressly approved by the manufacturer could void the user's authority to operate the equipment.

# Loading

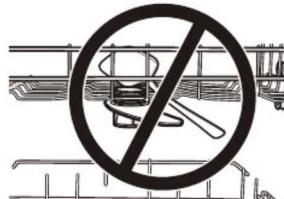
For best dishwashing results, follow these loading guidelines. Features and appearance of racks and silverware baskets may vary from your model.

## Upper Rack

The upper rack is for glasses, cups, and saucers. This is also a secure place for dishwasher-safe plastic items. The upper rack can be used for odd sized utensils. Sauce pans, mixing bowls, and other similarly shaped items should be placed face down for best wash performance.

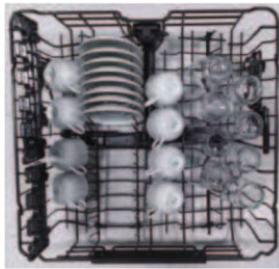
The cup shelf may be placed in the up or down position to add flexibility.

**IMPORTANT:** Ensure that items do not protrude through the bottom of the rack where they will block the rotation of the upper spray arm. This could result in noise during operation and/or poor wash performance.

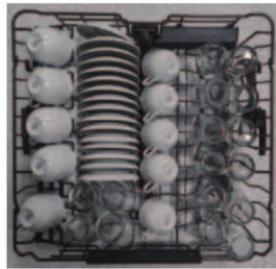


**IMPORTANT:** Ensure items in the upper rack do not interfere with the 3rd Rack (on some models) when loading and unloading.

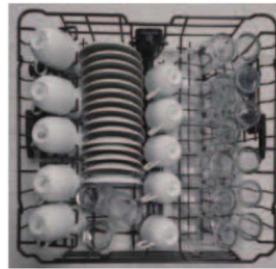
**8 Places Settings**  
All Models



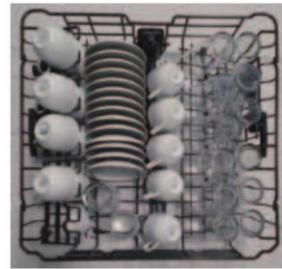
**16 Places Settings**  
Models - PBT700



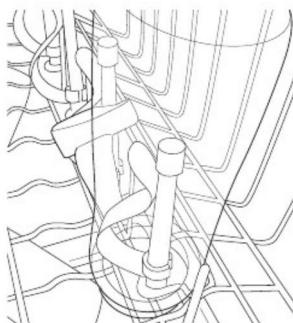
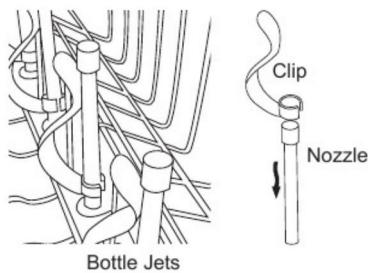
**15 Places Settings**  
Models - GBT600



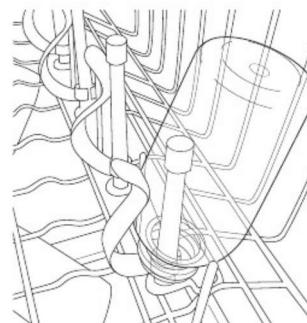
**14 Places Settings**  
Models - GBT500



The **Bottle Jets** system (on some models) is the ideal location to position baby bottles, tall sports bottles, or other tall items with narrow openings. The **Bottle Jets** clips hold bottles with small openings in place so water jets are directed inside the bottles to clean hard to reach areas. Clips can be installed or removed by simply slipping the clip opening over the top of the nozzle.

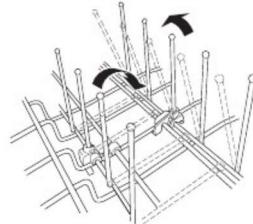


Sports bottle held in place  
over a Bottle Jets clip



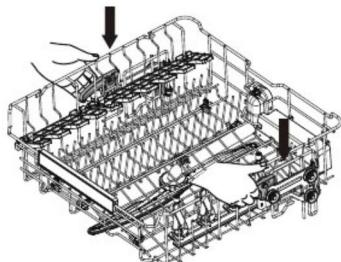
Baby bottle held in place  
under a Bottle Jets clip

The fold down tines (on some models) provide flexibility for extra-large and hard-to-fit items. The tine rows can be adjusted to a vertical or lay-down position.



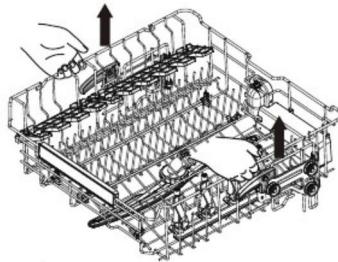
# Loading

Adjust the height of the upper basket to make space for taller items. You can adjust the height either while the basket is empty or loaded. If the basket is loaded we recommend raising or lowering one side at a time. Both sides of the basket must be adjusted to the same height.



## To lower

Pull up the levers on each side to release.  
Lower to the desired position.  
Release the levers to secure.



## To raise

Pull the basket upwards until it clicks into place.

**CAUTION** A loaded upper rack may be heavier than anticipated. To prevent minor injury or damage to the contents, do not raise or lower the upper rack after the rack is loaded.

## Lower Rack

**When loading the lower rack, do not load large platters or trays in the front right.** They may prevent detergent from circulating during the wash cycle.

The lower rack is best used for plates, saucers and cookware. Large items should go along the sides. Load platters, pots and bowls along the sides, in corners or in the back. The soiled side of items should face the center of the rack.

**IMPORTANT:** Ensure that items do not protrude through the bottom of the rack or the silverware basket where they will block the rotation of the lower spray arm. This could result in noise during operation and/or poor wash performance.



8 Places Settings  
Models - PBT700



8 Places Settings  
Models - GBT600, GBT500



16 Places Settings  
Models - PBT700



15 Places Settings  
Models - GBT600

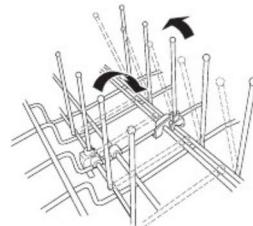


14 Places Settings  
Models - GBT500



# Loading

The fold down tines (on some models) provide flexibility for extra-large and hard-to-fit items. The tine rows can be adjusted to a vertical or lay-down position.



## 3rd Rack (on some models)

The 3rd rack is the location for silverware and large utensils.

**CAUTION** Take care when loading, unloading, or transporting the silverware or utensil tray. The tray may contain sharp or heavy items. If items are dropped from the tray or the tray is dropped, injury could occur.

### IMPORTANT NOTES:

- Do not allow cutlery of different materials to touch each other in the 3rd rack. Doing so may cause discoloration of the cutlery.
- The tray is only meant to be used with a 3rd rack dishwasher to hold silverware, cooking utensils, and other small items. Using the tray for any other purpose could result in damage to the tray or damage to anything interacting with the tray.
- Ensure that the 3rd rack is fully closed before shutting the dishwasher door. Shutting the door with the rack partially extended could cause damage to the dishwasher.

8 Places Settings  
Models - PBT700



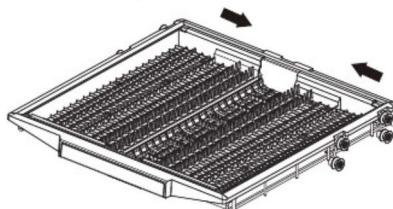
16 Places Settings  
Models - PBT700



15 Places Settings  
Models - GBT600

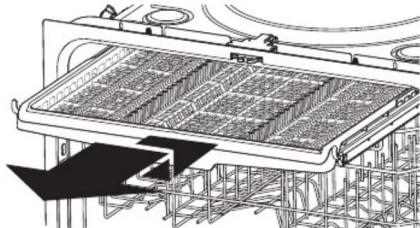


Can slide side sections to the middle to create more space for items below.



The 3rd rack is also removable to allow extra large items to be placed in the upper rack:

### To remove the 3rd rack:



- 1 With the rack fully extended, lift the front of the rack so that the rack roller wheels clear the retaining hook.
- 2 Continue to pull the rack until the remaining rack roller wheels clear the retaining hook.
- 3 Replace the rack by aligning the rack roller wheels on the retaining hook and rack rails – Ensure the rack rails are located on between two rows roller wheels.

# Loading

## Silverware Basket

The silverware basket may be used without the topper for quick loading. With the topper, flatware is better positioned for the dishwasher to thoroughly wash and dry all pieces by preventing nesting.

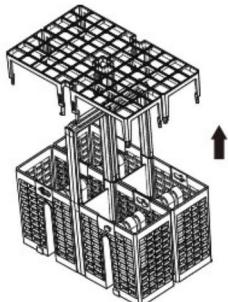
8 Places Settings  
GBT600, GBT500



14 Places Settings  
Models - GBT500

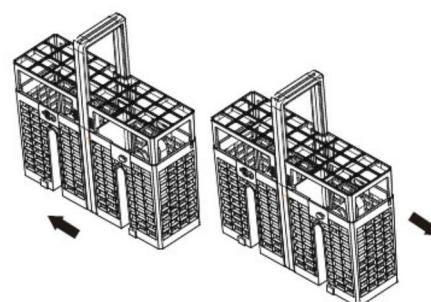


**IMPORTANT:** Do not load large or tall utensils where they may block the detergent dispenser or upper spray arm. This could result in noise during operation and/or poor wash performance.



### Without the topper

Put the flatware in the removable basket with fork and knife handles up to protect your hands. Place spoons in the basket with handles down. Mix knives, forks and spoons so they don't nest together. Distribute evenly. Small plastic items, such as measuring spoons and lids from small containers, should go in the bottom of the silverware basket with silverware on top.



### With the topper

Place small plastic items, such as measuring spoons and lids from small containers, in the bottom of the basket and snap the topper in place. Insert spoons and forks, handles first, through the holes in the topper. Place knives, blades first, through the holes in the topper.

# Care and cleaning

## Control Panel

To clean the control panel, use a lightly dampened cloth. Then dry thoroughly.

## Exterior Door Panel

Before cleaning the front panel, make sure you know what type of panel you have. Refer to the last two letters of your model number. You can locate your model number on the left-hand tub wall just inside the door. If your model number ends with BB, CC, WW, SA, SH, ES, DS, TS or FS then you have a painted door panel. If your model number ends with SS, then you have a Stainless Steel door panel. If your model number ends with II, then you have an Integrated door panel. Follow instructions below for cleaning door panel for your model.

**Painted/Coated Door Panels** (model numbers ending in BB-black, CC-bisque, WW-white, SA-silver, SH-PRO steel, ES-slate, DS-black slate, TS-black stainless steel or FS-fingerprint resistant stainless steel)

**⚠ DO NOT use Stainless Steel cleaners on the door surfaces.**

Use a clean, soft, lightly dampened cloth, then dry thoroughly.

**Stainless Steel Door Panel** (model numbers ending in SS)

**For cleaning rust and tarnish**, cleaners with oxalic acid such as Bar Keepers Friend Soft Cleanser™ will remove rust, tarnish and small blemishes. Use only a liquid cleanser free of grit and rub in the direction of the brush lines with a damp soft sponge. Do not use appliance wax or polish on the stainless steel.

**For other blemishes and marks**, use Stainless Steel Magic or a similar product using a clean soft cloth. Do not use appliance wax, polish, bleach or products containing chlorine on Stainless Steel.

**Integrated Door Panel** (model numbers ending in II)

This is a custom installed door panel, and you will need to refer to the cabinet manufacturers recommendations for proper cleaning.

## Dishwasher Interior

To clean and de-odorize your dishwasher, use citric acid, or **Cascade® Platinum™ Dishwasher Cleaner** or **Finish® Dishwasher Cleaner**, a detergent additive. They will break up mineral deposits, and remove hard water film and stains.

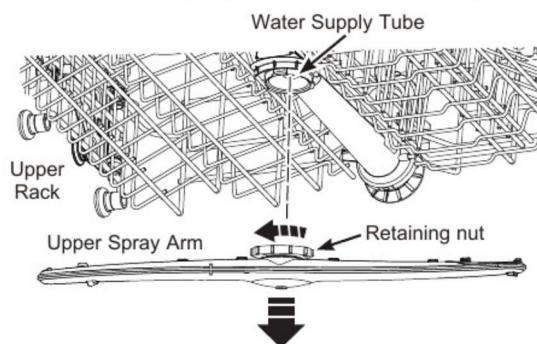
You can order citric acid GE Appliances kit WG04A00103 through GE Appliances Parts by calling 800-661-1616. You can purchase dishwasher cleaners at your local grocery store.

## Spray Arms

Because hard water chemicals will clog the spray arm jets and bearings, it is necessary to clean the spray arms regularly.

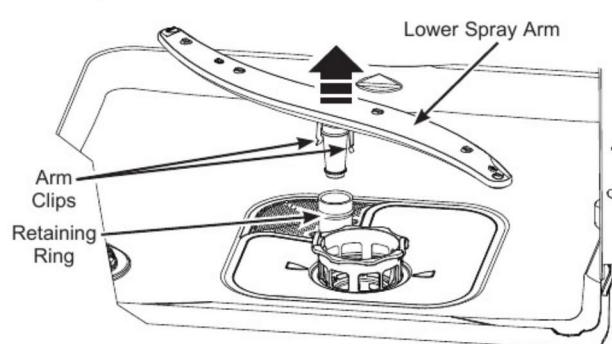
Wash the arms in soapy, warm water and use a soft brush to clean the jets. Replace them after rinsing thoroughly.

**To remove the upper spray arm**, twist the retaining nut 45° and pull the spray arm off the water supply tube.



**IMPORTANT:** When replacing make sure to twist lock the retaining nut securely onto the water supply tube. Check that the spray arm is secure and that it rotates freely.

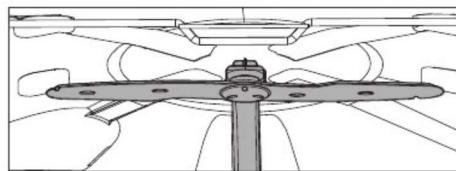
**To remove the lower spray arm**, remove the lower rack and lift spray arm out.



**IMPORTANT:** When replacing make sure to seat the arm clips over the retaining ring. Check that the spray arm is secure and that it rotates freely.

# Care and cleaning

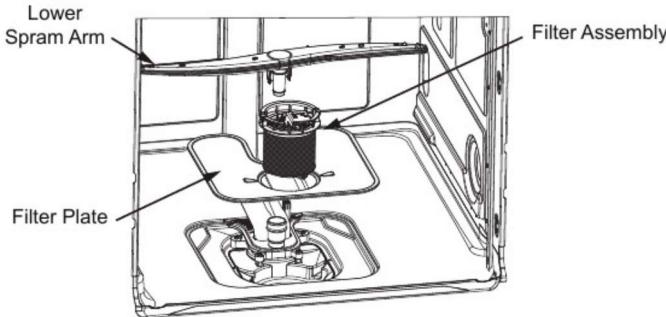
Do not remove the top spray arm for cleaning. Clean with a small, plastic-bristled brush. If heavily soiled or blocked use a dishwasher cleaner/descaler. Follow the manufacturer's instructions.



## Filter Assembly

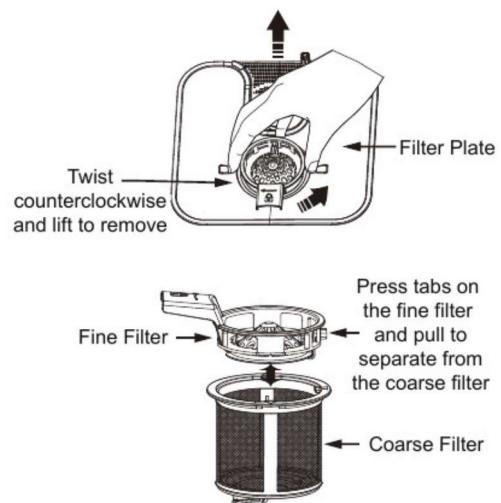
Inspect and clean the filters periodically. This should be done every month or more depending on usage. If there is a decrease in wash performance or dishes feel gritty, this is also an indication the filters need to be cleaned.

To clean the filter assembly, remove the bottom rack and lower spray arm. Twist the filter assembly counterclockwise and lift to remove. Remove the filter plate.

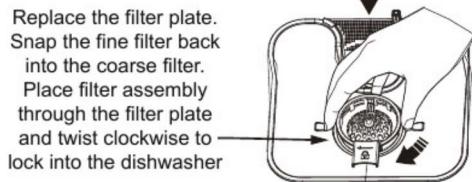


Rinse the filters with warm soapy water. Scouring pads or brushes can scratch the filter surfaces but a soft brush or sponge may be needed to remove stubborn soils or calcium deposits caused by hard water.

Once cleaned, replace the filter plate, insert the filter assembly through the plate and twist it clockwise until it locks in place. Make sure the filters are fully seated as improper replacement of the filters may reduce the performance level of the appliance. Replace the lower spray arm and lower rack.



**IMPORTANT:** Before replacing, make sure no objects have fallen into the opening in the bottom of the dishwasher.



## Stainless Steel Inner Door and Tub

The stainless steel used to make the dishwasher tub and inner door provides the highest reliability available in a GE Appliances dishwasher.

If the dishwasher tub or inner door should be scratched or dented during normal use, they will not rust or corrode. These surface blemishes will not affect their function or durability.

# Care and cleaning

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## Protect Against Freezing

If your dishwasher is left in an unheated place during the winter, ask a service technician to:

- 1** Turn off electrical power to the dishwasher. Remove fuses or trip circuit breaker.
- 2** Turn off the water supply and disconnect the water inlet line from the water valve.
- 3** Drain water from the water inlet line and water valve. (Use a pan to catch the water.)
- 4** Reconnect the water inlet line to the water valve.

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## Does Your Dishwasher Have an Air Gap?

An air gap protects your dishwasher against water backing up into it if a drain clogs. The air gap is not a part of the dishwasher. It is not covered by your warranty. Not all plumbing codes require air gaps, so you may not have one.



The air gap is easy to clean.

- 1** Turn off the dishwasher and lift off the air gap cover.
- 2** Remove the plastic cap under the cover and clean with a toothpick.
- 3** Replace the cap and cover when the air gap is clean.

## User Settings Mode

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You can adjust any of the below settings prior to starting a wash cycle.

For the **PBT700, GBT600** models.

Press and hold the **Auto** and **Delay** pads for 3 seconds to enter user settings mode. Press the **Auto** pad to select option, and press the **Delay** pad to select setting display. Press and hold the **Start** or **Auto** pads for 2 seconds to exit user settings mode. The dishwasher will automatically exit user settings mode if no operation within 30 seconds.

OPTION	DESCRIPTION	DEFAULT	SETTINGS DISPLAY			
Rinse aid	Controls the amount of rinse aid dispensed. Refer to 'Dispensers' for further details	rA5	Off	rA-	Max: 6	rA6
Sound	Adjusts tone settings. When set to OFF all tones will be silenced except fault alerts.	bPo	On	bPo	Off	bP-
Automatic door opening	Enables or disables automatic door opening at the end of the wash.	dOo	On	dOo	Off	dO-

For the **GBT500** models.

In the power off mode, press and hold the **Cycle Select** pad for 4 seconds to enter user settings mode. Press the **Cycle Select** pad to select option, and press the **Wash Temp** pad to select setting display. Press and hold the **Start** pad for 2 seconds to exit user settings mode. The dishwasher will automatically exit user settings mode if no operation within 30 seconds.

OPTION	DESCRIPTION	DEFAULT	SETTINGS DISPLAY			
Rinse aid	Controls the amount of rinse aid dispensed. Refer to 'Dispensers' for further details	rA5	Off	rA-	Max: 6	rA6
Sound	Adjusts tone settings. When set to OFF all tones will be silenced except fault alerts.	b1	On	b1	Off	b0
Automatic door opening	Enables or disables automatic door opening at the end of the wash.	dOo	On	dOo	Off	dO-

## Troubleshooting Tips... Before you call for service

Problem	Possible Cause	What To Do
<b>Start status Indicator light or display flashing</b>	<b>The door was opened or the cycle was interrupted.</b>	Press the <b>Start</b> pad once and close the door within 4 seconds to start the dishwasher. Press the <b>Start</b> pad a second time when the dishwasher is running only if you wish to cancel the cycle.
<b>Dishwasher BEEPS once every 90 seconds</b>	<b>This is a reminder that your dishwasher door has been left open during operation. It will continue beeping until you press Start and close the door.</b>	Press <b>Start</b> and close the door.
<b>Beeping at the end of the cycle</b>	<b>This is normal. Dishwasher will beep at end of cycle.</b>	The dishwasher will beep (unless interrupted) and the <b>Clean</b> light will display at the end of the wash cycle.
<b>Dishes and flatware not clean</b>	<b>Filter assembly is clogged</b>	See the <b>CARE AND CLEANING</b> section.
	<b>Low inlet water temperature</b>	Make sure inlet water temperature is correct (see the <b>USING THE DISHWASHER</b> section). Turn on the hot water faucet nearest the dishwasher, let run until the water temperature stops rising. Then start the dishwasher and turn off the faucet. This ensures the entering water is hot. Select <b>Wash Temp - Boost</b> .
	<b>Water pressure is temporarily low</b>	Turn on a faucet. Is water coming out more slowly than usual? If so, wait until pressure is normal before using your dishwasher. Normal water pressure to the dishwasher should be 20-120 psi.
	<b>Air gap or disposer clogged (Built-In Models Only)</b>	Clean the air gap or flush the disposer.
	<b>High drain loop or air gap not installed (Built-In Models Only)</b>	Refer to the Installation Instructions for proper drain line installation.
	<b>Improper rack loading</b>	Make sure large dishware or utensils do not block detergent dispenser or the wash arms. See the <b>Loading</b> section.
	<b>Poor performing detergent</b>	Use high quality detergents such as <b>Cascade® Platinum™ ActionPacs™</b> or <b>Finish® Quantum® Automatic Dishwashing Detergent</b> .
<b>Spots and filming on glasses and flatware</b>	<b>Extremely hard water</b>	Use high quality rinse agents such as <b>Cascade® Platinum™ Power Dry™ Rinse Aid</b> or <b>Finish® Jet-Dry® Rinse Aid</b> to prevent spots and prevent new film build-up. If water is extremely hard, a softener may be required.
	<b>Low inlet water temperature</b>	Make sure inlet water temperature is at least 120°F (49°C).
	<b>Overloading or improper loading of the dishwasher</b>	Load dishwasher as shown in the <b>Loading</b> section.
	<b>Old or damp powder detergent</b>	Make sure detergent is fresh. Use high quality detergents such as <b>Cascade® Platinum™ ActionPacs™</b> or <b>Finish® Quantum® Automatic Dishwashing Detergent</b> .
	<b>Rinse agent dispenser empty</b>	Refill with high quality rinse agents such as <b>Cascade® Platinum™ Power Dry™ Rinse Aid</b> or <b>Finish® Jet-Dry® Rinse Aid</b> .
	<b>Too little or low performing detergent</b>	Make sure you use the proper amount of highly rated detergent.
<b>Cloudiness on glassware</b>	<b>Combination of soft water and too much detergent</b>	This is called etching and is permanent. To prevent this from happening, use less detergent if you have soft water. Wash glassware in the shortest cycle that will get it clean.
	<b>Low performing phosphate-free detergent</b>	See <b>A white film on glassware, dishware and the interior</b> in this <b>TROUBLESHOOTING TIPS</b> section.
	<b>Water temperature entering the dishwasher exceeds 150°F (66°C)</b>	This could be etching. Lower the water heater temperature.

## Troubleshooting Tips... Before you call for service

Problem	Possible Cause	What To Do
Suds in the tub	Wrong detergent	Use only high quality automatic dishwasher detergents to avoid sudsing. <b>Cascade® Platinum™ ActionPacs™</b> or <b>Finish® Quantum® Automatic Dishwashing Detergent</b> have been approved for use in all GE Appliances dishwashers.
	Rinse agent was spilled	Always wipe up rinse agent spills immediately.
Detergent left in dispenser cups	Dishes or utensils are blocking the detergent cup	Reposition the dishes, so the water from the lower spray arm can flush the detergent cup. See the <b>Loading</b> section. Reposition the tall utensils or heavy silverware that may be keeping the dispenser cup door from opening. See the <b>Loading</b> section.
Black or gray marks on dishes	Aluminum utensils have rubbed against dishes	Remove marks with a mild, abrasive cleaner.
Dishes don't dry	Door not opened immediately after Clean light came on	For proper drying, the dishwasher door must be opened immediately after the <b>Clean</b> light comes on.
	Low inlet water temperature	Make sure inlet water temperature is at least 120°F. Use <b>Wash Temp Boost</b> . Select a higher cycle, such as <b>Heavy</b> .
	Rinse agent dispenser is empty	Check the rinse agent dispenser and fill as required.
Control panel responded to inputs but dishwasher never filled with water	Door may not be completely closed	Make sure the door is firmly closed.
	Water valve may be turned off	Make sure water valve (usually located under the sink) is turned on.
Stained tub interior	An overall yellow or brown film can be caused by iron deposits in water	A special filter in the water supply line is the only way to correct this problem. Contact a water softener company.
	White film on inside surface—hard water minerals	GE Appliances recommends high quality rinse agents such as <b>Cascade® Platinum™ Power Dry™ Rinse Aid</b> or <b>Finish® Jet-Dry® Rinse Aid</b> to help prevent hard water mineral deposits from forming. Run dishwasher with citric acid to remove mineral deposits. Citric acid (Part number: WG04A00103) can be ordered through GE Appliances Parts. See back cover for ordering information. Alternatively, purchase <b>Cascade® Platinum™ Dishwasher Cleaner</b> or <b>Finish® Dishwasher Cleaner</b> and follow the directions on the label.
Dishwasher won't run	Fuse is blown or circuit breaker is tripped	Replace fuse or reset circuit breaker. Remove any other appliances from the circuit.
	Power is turned off	In some installations, the power to the dishwasher is provided through a wall switch, often located next to the disposer switch. Make sure it is on.
	Control panel is locked	Unlock control panel. See the <b>Getting started</b> section.
	Reboot your control	Turn off power to the dishwasher (at circuit breaker or wall switch) for 30 seconds, then turn back on.
Control panel lights go off when you're setting controls	Time too long between touching of selected pads	Each pad must be touched within 30 seconds of the others. To relight, touch any pad again or open the door and unlock.
Water standing in the bottom of the tub	Air gap is clogged	Clean the air gap. See the <b>Care and cleaning</b> section.
	High drain loop or air gap not installed	Refer to the Installation Instructions for proper drain line installation.

## Troubleshooting Tips... Before you call for service

Problem	Possible Cause	What To Do
Water won't pump out of the tub	Drain is clogged	If you have an air gap, clean it. See the <b>Care and cleaning</b> section. If the dishwasher drains into a disposer, run disposer clear. Check to see if your kitchen sink is draining well. If not, you may need a plumber.
Sanitized light does not illuminate at the end of the cycle	The door was opened and the cycle was interrupted during final rinse	Do not interrupt the cycle by opening the door during the wash cycle.
	The incoming water temperature was too low	Raise the water heater temperature to between 120°F and 150°F.
Noise	Normal operating sounds: Beeping at the end of the cycle Detergent cup opening Water entering dishwasher Motor stops and starts at various times during cycle Spray arms start and stop at various times Drain pump sounds during pump out Drain pump starts and stops several times during each drain	These are all normal. No action is required.
	Rattling dishes when the spray arm rotates	Make sure dishes are properly loaded. See the <b>Loading</b> section.
	Rattling silverware against door during wash	Tall utensils may be placed in the upper rack to avoid bumping against inner door during wash cycle.
A white film on glassware, dishware and the interior	This problem is likely caused by a low quality phosphate-free dishwasher detergent	To remove the white film, run your dishes through a dishwasher cycle with citric acid. Use a <b>WG04A00103</b> citric acid kit found online. Otherwise, use high quality rinse agents such as <b>Cascade® Platinum™ Dishwasher Cleaner</b> or <b>Finish® Dishwasher Cleaner</b> found at your local grocery store. Pour the citric acid in the detergent cup and close the cover. Place the filmed but otherwise clean glassware and dishware in the dishwasher. Leave silverware and other metal items out of the dishwasher. Turn the dishwasher on and let it run through a complete cycle without detergent. The glassware, dishware, and dishwasher should come out film free. Alternatively, a vinegar rinse may be used. Pour 1 cup of vinegar into dishwasher just after the detergent cup opens and let the dishwasher complete its cycle. This may be repeated several times a year as needed. The use of high quality rinse agents such as <b>Cascade® Platinum™ Power Dry™ Rinse Aid</b> or <b>Finish® Jet-Dry® Rinse Aid</b> may help minimize a repeat build up of film. Also, the use of high quality detergents such as <b>Cascade® Platinum™ ActionPacs™</b> or <b>Finish® Quantum® Automatic Dishwashing Detergent</b> will help prevent film build-up.

### Forget to Add a Dish?

Additional items may be added to the dishwasher at any time, ideally items would be added shortly after starting a wash cycle.

- 1 Open the door to interrupt the cycle. Pull the door handle to release the door.
- 2 Do not open the door all the way until the water spray action stops. Steam may rise out of the dishwasher.
- 3 Add additional items.
- 4 Press **Start** and close the door within 4 seconds to resume the cycle.

# Consumer Support

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Brand	Contact	Service
GE Appliances/ Profile	geappliances.ca/contact-us or 877.994.5366	geappliances.ca/after-sales-support or 800.561.3344

## Remote Connectivity

For assistance with wireless network connectivity (for models with remote enable), visit our website at [GEAppliances.ca/connected-appliances](http://GEAppliances.ca/connected-appliances) or call 800.220.6899.

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## Contact Us

In Canada: Director, Customer Relations | MC Commercial Inc. | Suite 300, 5420 North Service Road |  
Burlington, ON L7L 6C7  
[GEAppliances.ca/contact-us](http://GEAppliances.ca/contact-us) or call 877.994.5366

# Dishwasher Limited Warranty (only for Canada)

All warranty service is provided by our Factory Service Centers, or an authorized Customer Care® technician. To schedule service, visit [geappliances.ca/after-sales-support](http://geappliances.ca/after-sales-support) or call GE Appliances at 800.GE.CARES (800.561.3344).

Please have your serial number and your model number available when calling for service.

Servicing your appliance may require the use of the onboard data port for diagnostics. This gives a GE Appliances factory service technician the ability to quickly diagnose any issues with your appliance and helps GE Appliances improve its products by providing GE Appliances with information on your appliance. If you do not want your appliance data to be sent to GE Appliances, please advise your technician not to submit the data to GE Appliances at the time of service.

For the period of:	We will replace:
<b>One year</b> From the date of the original purchase	<b>Any part</b> of the dishwasher which fails due to a defect in materials or workmanship. During this <b>limited one-year warranty</b> , we will also provide, <b>free of charge</b> , all labor and related service to replace the defective part.

## What is not covered:

- Service trips to your home to teach you how to use the product.
- Improper installation, delivery or maintenance.
- Failure of the product if it is abused, misused, or used for other than the intended purpose or used commercially.
- Replacement of house fuses or resetting of circuit breakers.
- Products which are not defective or broken, or which are working as described in the Owner's Manual.
- Damage to the product caused by accident, fire, floods or acts of God.
- Incidental or consequential damage caused by possible defects with this appliance.
- Defects or damage due to operation in freezing temperatures.
- Damage caused after delivery including damage from items dropped on the door.
- Product not accessible to provide required service.
- Cleaning or servicing of the air gap device in the drain line.

Staple your receipt here. Proof of the original purchase date is needed to obtain service under the warranty.

## EXCLUSION OF IMPLIED WARRANTIES

Your sole and exclusive remedy is product repair as provided in this Limited Warranty. Any implied warranties, including the implied warranties of merchantability or fitness for a particular purpose, are limited to one year or the shortest period allowed by law.

This limited warranty is extended to the original purchaser and any succeeding owner for products purchased in Canada for home use within Canada. If the product is located in an area where service by a GE Appliances Authorized Servicer is not available, you may be responsible for a trip charge or you may be required to bring the product to an Authorized GE Appliances Service location.

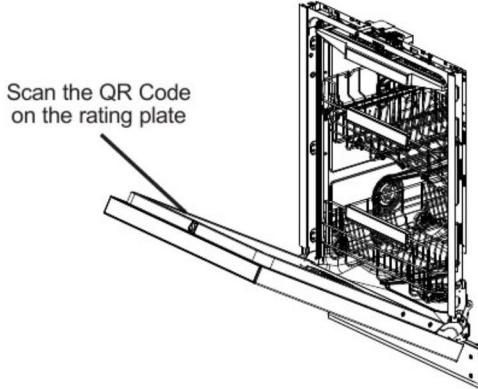
Some provinces do not allow the exclusion or limitation of incidental or consequential damages. This limited warranty gives you specific legal rights, and you may also have other rights which vary from province to province. To know what your legal rights are, consult your local or provincial consumer affairs office.

**Warrantor: MC Commercial Inc., Burlington, ON, L7R 5B6**

# Installation Instructions

# Built-In Dishwashers

For the latest information, scan the QR Code on the rating plate found on the side inner door.



## BEFORE YOU BEGIN

Read these instructions completely and carefully.

### WARNING

- To reduce the risk of electric shock, fire, or injury to persons, the installer must ensure that the dishwasher is completely enclosed at the time of installation.
- FOR PERSONAL SAFETY: Remove house fuse or open circuit breaker before beginning installation. Do not use an extension cord or adapter plug with this appliance.
- The improper connection of the equipment grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service representative if you are in doubt that the appliance is properly grounded.
- If house wiring is not 2-wire with ground, a ground must be provided by the installer. When house wiring is aluminum, be sure to use UL-Listed anti-oxidant compound and aluminum-to-copper connectors.
- To reduce the risk of electric shock, fire, or injury to persons, the installer should check to ensure that wires are not pinched or damaged, the house wiring is attached to the junction box bracket through a strain relief, and all electrical connections made at the time of install (wire nuts) are contained inside of the junction box cover.

### CAUTION

Do not remove wood base until you are ready to install the dishwasher. The dishwasher will tip over when the door is opened if base is removed.

While performing installations described in this booklet, gloves, safety glasses or goggles should be worn.

### FRONT PANEL ACCESSORY

Custom front panel models include a kit that contains a template, hardware and panel installation instructions. Refer to the kit instructions when installing the custom panel.

If a custom panel mounting hardware kit and template are needed, prior to delivery of the dishwasher, order: WG04A04333.

## FOR YOUR SAFETY

Read and observe all **WARNINGS** and **CAUTIONS** shown throughout these instructions.

**IMPORTANT** – Observe all governing codes and ordinances.

- **Note to Installer** – Be sure to leave these instructions for the consumer's and local inspector's use.
- **Note to Consumer** – Keep these instructions with your Owner's Manual for future reference.
- **Skill Level** – Installation of this dishwasher requires basic mechanical, electrical and plumbing skills. **Proper installation is the responsibility of the installer.** Product failure due to improper installation is not covered under the GE Appliances Warranty. See **Warranty information.**
- **Completion Time – 1 to 3 Hours.** New installations require more time than replacement installations.

**IMPORTANT** – The dishwasher **MUST** be installed to allow for future removal from the enclosure if service is required.

Care should be exercised when the appliance is installed or removed, to reduce the likelihood of damage to the power supply cord.

If you received a damaged dishwasher, you should immediately contact your dealer or builder.

Optional Accessories – See the Owner's Manual for available custom panel kits.

Your dishwasher is a water heating appliance.

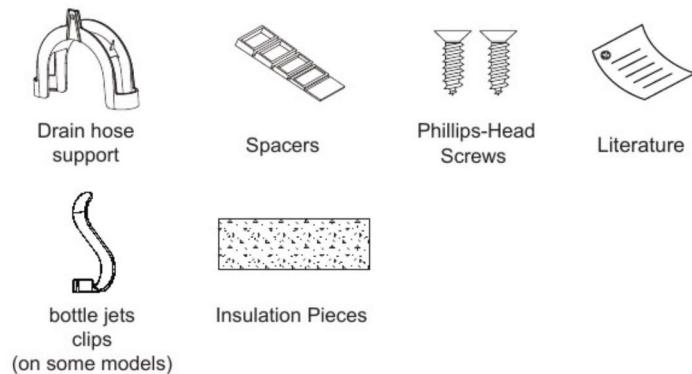
**NOTE:** Consider recycling options for your appliance packaging material.

**READ CAREFULLY  
KEEP THESE INSTRUCTIONS**

# Installation Preparation

## PARTS SUPPLIED IN INSTALLATION PACKAGE:

- Drain hose support
- Spacers (4)
- Phillips-Head screws to secure dishwasher to underside of countertop or to side cabinets
- Literature, samples and/or coupons
- Bottle jets clips (4)
- Insulation Pieces

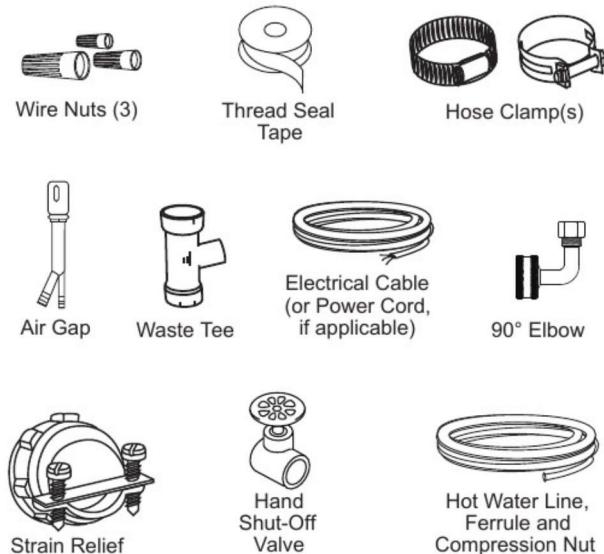


## MATERIALS YOU WILL NEED:

- UL-listed wire nuts (3)
- Thread Seal Tape
- 90° elbow (3/4" hose internal thread on one end, opposite end sized to fit water supply)

### Materials For New Installations Only:

- Air gap for drain hose, if required
- Waste tee for house plumbing, if applicable
- Electrical cable or Power Cord Kit **WG04F04614**.
- Screw-type hose clamp(s)
- Strain relief for electrical connection
- Hand shut-off valve (recommended)
- Hot water line—3/8" minimum, copper tubing (including ferrule, compression nut).



## TOOLS YOU WILL NEED:

- Phillips-head screwdrive
- 1/4" and 5/16" nutdrive
- 6" adjustable wrench
- Glove
- Safety glasses
- Flashlight
- Bucket to catch water when flushing the line
- Level
- Measuring tape
- Carpenter's square



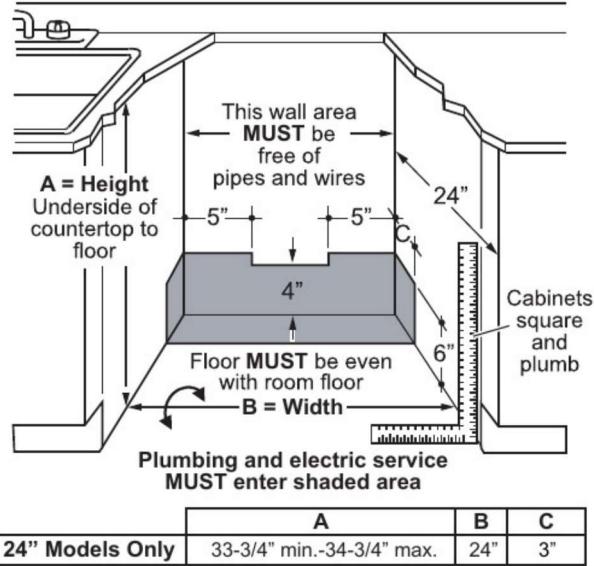
### For New Installations Only:

- Tubing cutter
- Drill and appropriate bits
- Hole saw set



# Installation Preparation

## PREPARE DISHWASHER ENCLOSURE



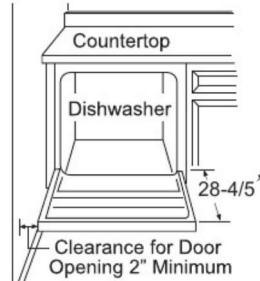
### WARNING

To reduce the risk of electric shock, fire, or injury to persons, the installer must ensure that the dishwasher is completely enclosed at the time of installation.

- The dishwasher must be installed so that drain hose is no more than 12' in length for proper drainage.
- The dishwasher must be fully enclosed on the top, sides and back, and must not support any part of the enclosure.

### CLEARANCES:

- When installed into a corner, allow 2" min. clearance between dishwasher and adjacent cabinet, wall or other appliances. Allow 28-4/5" min. clearance from the front of the dishwasher for door opening.



## DRAIN REQUIREMENTS

- Follow local codes and ordinances.
- Do not exceed 12' distance to drain.
- Drain connection height is not to exceed 72" above bottom of dishwasher.

**NOTE :** Air gap must be used if waste tee or disposer connection is less than 18" above floor to prevent siphoning.

### DETERMINE DRAIN METHOD

The type of drain installation depends on the following questions.

- Do local codes or ordinances require an air gap?
- Is waste tee less than 18" above floor?

**If the answer to either question is YES, Method 1 MUST be used.**

- If the answers are NO, either method may be used.

### CABINET PREPARATION

- Drill a 1-1/2" diameter hole in the cabinet wall within the shaded areas shown in **PREPARE DISHWASHER ENCLOSURE** for the drain hose connection. The hole should be smooth with no sharp edges.

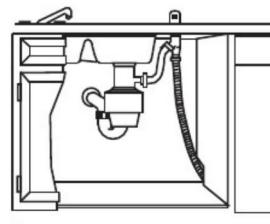
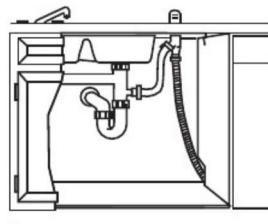
**IMPORTANT** – When connecting drain line to disposer, check to be sure that drain plug has been removed.

DISHWASHER WILL NOT DRAIN IF PLUG IS LEFT IN PLACE.

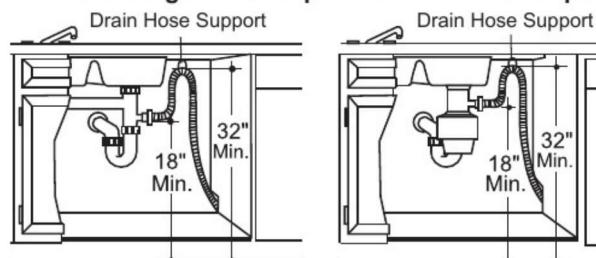


### Method 1 – Air Gap with Waste Tee or Disposer

An air gap must be used when required by local codes and ordinances. The air gap must be installed according to manufacturer's instructions.



### Method 2 – "High Drain Loop" with Waste Tee or Disposer



**Tip: Avoid unnecessary service call charges.**

Always be sure disposer drain plug has been removed before attaching dishwasher drain hose to the disposer.

# Installation Preparation

## PREPARE ELECTRICAL WIRING

### **WARNING**

Remove all power leading to the appliance from the circuit breaker or fuse box before beginning installation. Failure to do so can result in a risk of electrical shock.

### ELECTRICAL REQUIREMENTS

Be sure that the electrical connection and wire size are adequate and in conformance with the National Electric Code, ANSI/NFPA 70 – latest edition, and all local codes and ordinances.

#### This appliance must have:

- 120V, 60Hz, AC-only, 15-ampere or 20-ampere, fused electrical supply.
- Wiring must be 2 wire with ground and rated for 75°C (167°F).
- If the electrical supply does not meet the above requirements, call a licensed electrician before proceeding.

#### It is recommended to have:

- A circuit breaker or time-delay fuse.
- A properly grounded individual branch circuit.

### Grounding Instructions—Permanent Connection

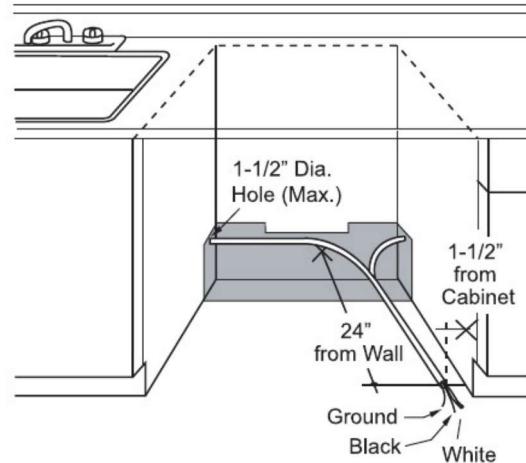
This appliance must be connected to a grounded metal, permanent wiring system, or an equipment-grounding conductor must be run with the circuit conductors and be connected to the equipment-grounding terminal or lead on the appliance.

### Grounding Instructions—Power Cord Models

This appliance must be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. This appliance is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is installed and grounded in accordance with all local codes and ordinances.

### **WARNING**

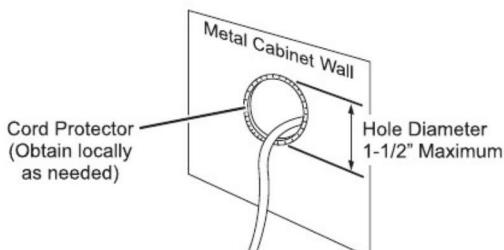
The improper connection of the equipment grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service representative if you are in doubt that the appliance is properly grounded. Do not modify the plug provided with the appliance; if it will not fit the outlet, have a proper outlet installed by a qualified technician.



### Cabinet Preparation & Wire Routing

- The wiring may enter the opening from either side, rear or the floor within the shaded area illustrated above in figure and as defined in **PREPARE DISHWASHER ENCLOSURE** section.
- Cut a 1-1/2" maximum diameter hole to admit the electrical cable. Edges of hole should be smooth and rounded. Permanent wiring connections may pass through the same hole as the drain hose and hot water line, if convenient. If cabinet wall is metal, the hole edge must be covered with a bushing.

**NOTE:** Power cords with plug must pass through a separate hole in the cabinet.



### Electrical Connection to Dishwasher

Electrical connection is on the right front of dishwasher.

- For permanent connections the cable must be routed as shown in figure. Cable must extend a minimum of 24" from the rear wall.
- For power cord connections, install a 3-prong grounding type receptacle in the sink cabinet rear wall, 6" min. or 18" maximum from the opening, 6" to 18" above the floor.
- Use only **WG04F04614** Dishwasher Power Cord Kit. Do not use an extension cord or adapter plug with this appliance.

# Installation Preparation

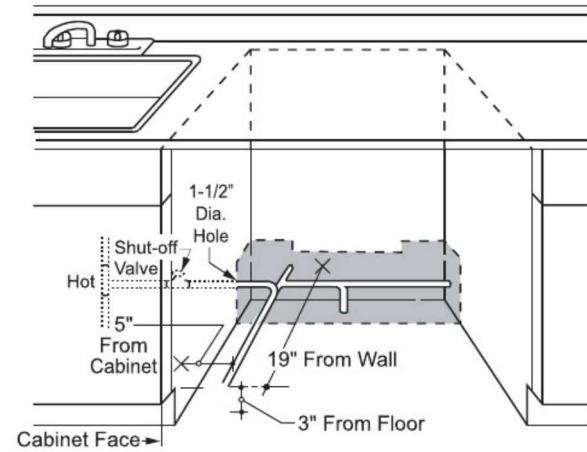
## NOTE:

The edges of the opening between the compartments shall, if the partition is wood, be smooth and rounded, or if the partition is metal, be covered with an edge protector.

## PREPARE HOT WATER LINE

**NOTE:** GE Appliances recommends copper tubing for the water line, but if you choose to use flexible hose, use flexible braided hose.

- The water supply line (3/8" copper tubing or flexible braided hose) may enter from either side, rear or floor within the shaded area shown in the figure.
- The water supply line may pass through the same hole as the electrical cable and drain hose. Or, cut an additional 1-1/2" diameter hole to accommodate the water line. If power cord with plug is used, water line must not pass through power cord hole.



## WATER LINE CONNECTION

- If using a flexible braided supply hose, label the hose with the installation date to use as reference. Flexible braided hoses, elbows and gaskets should be replaced in 5 years.
- Turn off the water supply.
- Install a hand shut-off valve in an accessible location, such as under the sink. (Optional, but strongly recommended and may be required by local codes.)
- Water connection is on the left side of the dishwasher. Install the hot water inlet line, using no less than 3/8" copper tubing or a flexible braided hose. Route the line as shown in **PREPARE HOT WATER LINE** and extend forward at least 19" from rear wall.
- Adjust water heater for 120°F to 140°F temperature.
- Flush water line to clean out debris.
- The hot water supply line pressure must be 20-120 PSI.

## PREPARATION

Locate the items in the installation packages:

- Screws
- Drain hose support
- Spacers
- literature, samples and/or coupons
- Bottle jets clips (on some models)

**Turn page to begin dishwasher installation.**

# Dishwasher Installation

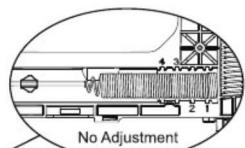
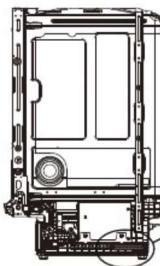
## STEP 1 CHECK DOOR BALANCE

### CAUTION

Opening the door will cause the dishwasher to tip forward when it is not fully installed. When opening the door prior to the dishwasher being fully installed, hold the top of the dishwasher securely with one hand and hold the door with the other hand. Gloves should be worn.

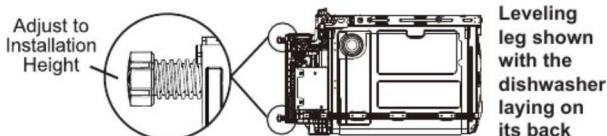


- To check the door balance, hold the top of the dishwasher firmly.
- Check the door balance by opening and closing the door.
- If the door drops when released, increase the spring tension.
- If the door rises when released, decrease the spring tension.



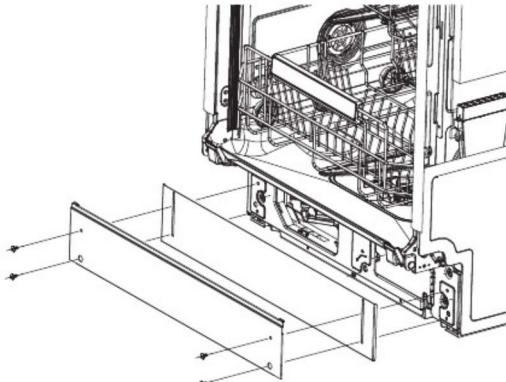
## STEP 2 ADJUST LEVELING LEGS

- Move the dishwasher close to the installation location and lay it on its back. **NOTE:** Do not place the dishwasher on its side.
- Measure installation height and dishwasher height. Extend leveling legs out from the dishwasher base, 1/2" less than installation height.



## STEP 3 REMOVE TOEKICK

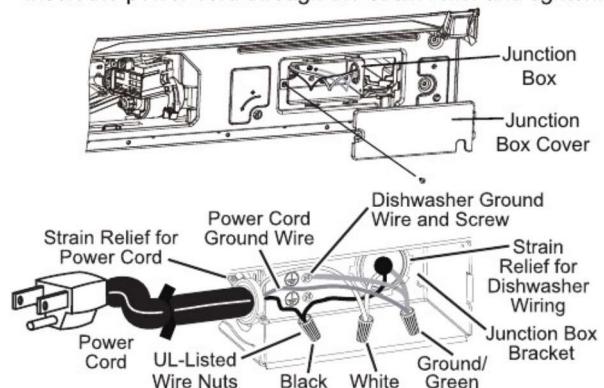
- Remove the 4 toekick screws and the 2-piece toekick. Set aside for use in **Step 18**.



## STEP 4 INSTALL POWER CORD

Skip this step if the dishwasher will be permanently connected to the house electrical system or has a factory-installed power cord.

- The power cord and connections must comply with the National Electrical Code, Section 422 and/or local codes and ordinances. Maximum power cord length is 6 feet. Power Cord Kit **WG04F04614**, available for purchase from an authorized GE Appliances dealer, meets these requirements.
- Remove junction box cover.
- Install strain relief in the junction box bracket.
- Insert the power cord through the strain relief and tighten.

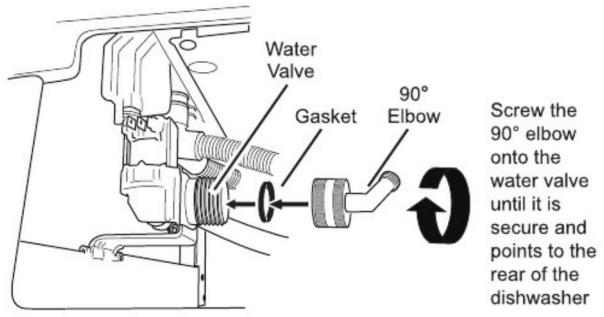


- Make sure black, white and green dishwasher wires are threaded through the hole in the junction box bracket.
- Connect power cord white (or ribbed) to dishwasher white, black (or smooth) to dishwasher black and ground to dishwasher green wire. Use UL-listed wire nuts of appropriate size.
- Replace junction box cover using the screws. Be sure wires are not pinched under the cover.

# Dishwasher Installation

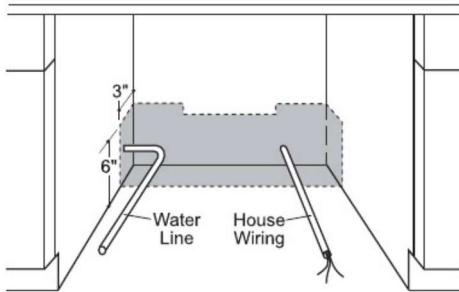
## STEP 5 INSTALL 90° ELBOW

- Ensure rubber gasket is located between valve and elbow.
- Thread 90° elbow onto the water valve.
- Do not overtighten elbow. Water valve bracket could bend or water valve fitting could break.
- Position the end of the elbow to face the rear of the dishwasher.



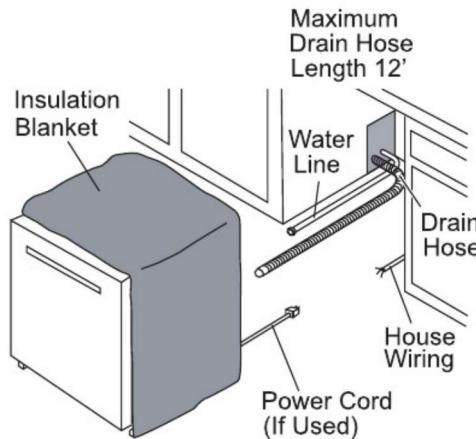
## STEP 6 POSITION WATER LINE AND HOUSE WIRING

- Position water supply line and house wiring on the floor of the opening to avoid interference with base of dishwasher and components under dishwasher.



## STEP 7 INSTALL DRAIN HOSE, THROUGH CABINET

- Stand the dishwasher upright and position it in front of cabinet opening. Insert drain hose into the hole in cabinet side. If a power cord is used, guide the end through a separate cabinet opening.



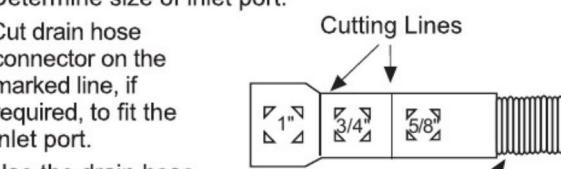
**Tip:** Prevent unnecessary service call charges for fill, drain or noise concerns.

Position utility lines so they do not interfere with anything under or behind the dishwasher.

## STEP 8 CONNECT DRAIN LINE

The molded end of the drain hose will fit 5/8" through 1" diameter inlet ports on the air gap, waste tee or disposer.

- Determine size of inlet port.
- Cut drain hose connector on the marked line, if required, to fit the inlet port.
- Use the drain hose extension provided and connect directly to the drain loop already attached to the unit. Secure the connection, with hose clamp, to the provided user bag drain hose.



**IMPORTANT:** Do NOT cut corrugated portion of hose

already attached to the unit. Secure the connection, with hose clamp, to the provided user bag drain hose.



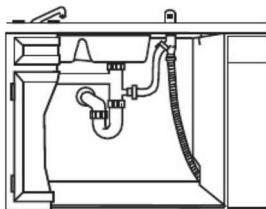
- DRAIN CONNECTION HEIGHT IS NOT TO EXCEED 72" ABOVE BOTTOM OF DISHWASHER.
- TOTAL DRAIN HOSE LENGTH MUST NOT EXCEED 12 FEET FOR PROPER DRAIN OPERATION.

# Dishwasher Installation

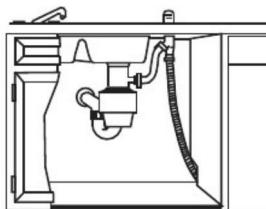
## STEP 8 CONNECT DRAIN LINE (CONT.)

- Connect drain line to air gap, waste tee or disposer using the previously determined method. Secure hose with a screw-type clamp.

### Method 1 – Air gap with waste tee or disposer



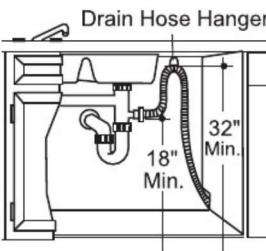
Waste Tee Installation



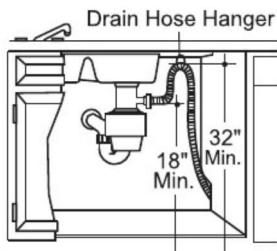
Disposer Installation

### Method 2 – “High drain loop” with waste tee or disposer

Fasten drain hose to underside of countertop with a hanger.



Waste Tee Installation



Disposer Installation

**IMPORTANT – Either one of the above methods must be used or dishwasher will not operate properly.**

**IMPORTANT –** When connecting drain line to disposer, check to be sure that drain plug has been removed. **DISHWASHER WILL NOT DRAIN IF PLUG IS LEFT IN PLACE.**



Remove Drain Plug

**Tip: Avoid unnecessary service call charges for a no drain complaint.**

Make sure excess drain hose has been pulled through the cabinet opening. This will prevent excess hose in the dishwasher cavity from becoming kinked or crushed by the dishwasher.

## STEP 9 SLIDE DISHWASHER PARTIALLY INTO CABINET

**IMPORTANT –** Do not push against front panel with knees. Damage will occur.

- Grasp the sides of the front panel and slide dishwasher into the opening a few inches at a time.



Do not push against front door panel with knee. Damage to the door panel will occur.



- As you proceed, pull the drain hose through the opening under the sink. Stop pushing when the dishwasher extends about 6 inches forward of adjacent cabinets.
- Make sure drain hose is not kinked under or behind the dishwasher.
- Make certain the house wiring, drain line and water line do not interfere with components under dishwasher.

## STEP 10 POSITION DISHWASHER UNDER COUNTERTOP

- Push the dishwasher into the cabinet.
- Push the sides with your hands. Do not use your knee against the door since door damage will occur.



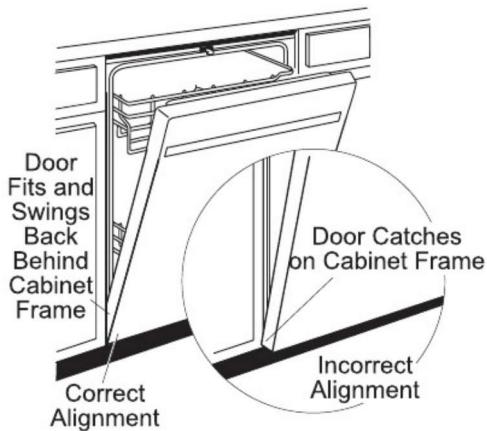
Do not push against front door panel with knee. Damage to the door panel will occur.



- Check that the tub insulation blanket does not get “bunched-up” or interfere with the springs as you slide it into the cabinet.
- Center the dishwasher in the opening. Select desired spacer width and cut to size. Remove adhesive and fit two spacers to each side of the product.
- Front of door panel should be flush with face of cabinet.
- Carefully open and close the door to ensure that the door panel does not catch or rub on the cabinet frame.
- If the door catches or rubs on the frame, reposition and/or level the unit (see Step 13) until the door moves freely and does not contact the cabinet frame.

# Dishwasher Installation

## STEP 10 POSITION DISHWASHER UNDER COUNTERTOP (CONT.)



The controls on these models are designed to be hidden by your countertop. Align the dishwasher as shown in figure.

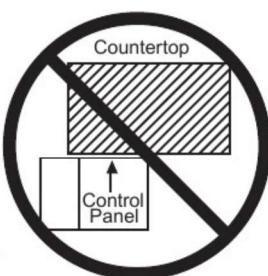
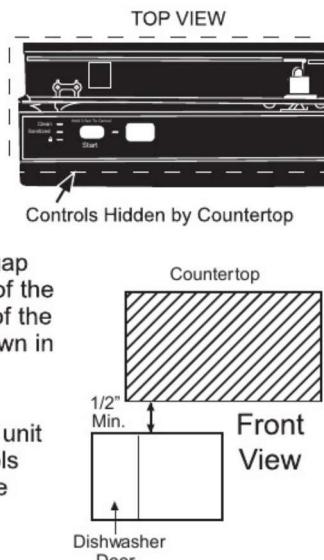
Leave a 1/2" minimum gap between the underside of the countertop and the top of the dishwasher door as shown in figure.

**NOTE:** If the drain hose gets trapped behind the unit it can prevent the controls from being hidden by the countertop.

**Tip:** The leveling legs can be used to increase or decrease the amount of gap between the controls and the countertop affecting the visibility of the controls.

**IMPORTANT—Leave a 1/2" minimum gap between the controls and the underside of the countertop to prevent condensation and damage to the control panel from screw heads.**

**NOTE:** If this dishwasher is replacing an existing dishwasher, the old countertop bracket screw holes may not be in the correct position to accept a top-control model. New holes may be required.



## STEP 11 CONNECT WATER SUPPLY

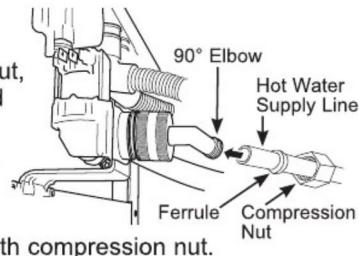
Connect water supply line to 90° elbow.

**If using a flexible braided hose connection:**

- Attach nut to 90° elbow using an adjustable wrench.

**If using a copper tubing connection:**

- Slide compression nut, then ferrule over end of water line.
- Insert water line into 90° elbow.
- Slide ferrule against elbow and secure with compression nut.



## STEP 12 CONNECT POWER SUPPLY

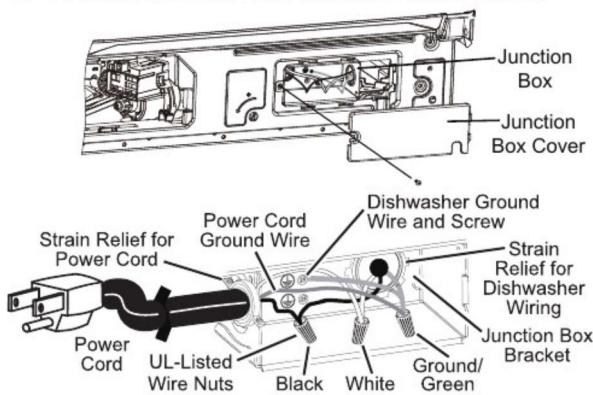
If a power cord with plug is already installed proceed to Step 13.

### WARNING

If house wiring is not 2-wire with ground, a ground must be provided by the installer. When house wiring is aluminum, be sure to use UL-Listed anti-oxidant compound and aluminum-to-copper connectors.

- Remove junction box cover.
- Secure house wiring to the side of the junction box with a strain relief.
- Locate the 3 dishwasher wires, (white, black and green) with the stripped ends coming out of the AC jumper. Use UL-Listed wire nuts of appropriate size to connect incoming ground to green, white to white and black to black.
- Replace the junction box cover using the screws. Check to be sure that wires are not pinched under the cover.
- If using a Power Cord Kit, use GE Appliances part number **WG04F04614** and refer to the included instructions.

**NOTE:** Do not remove the Junction Box Bracket.



**NOTE:** All ground screws, brackets and wires must remain intact.

# Dishwasher Installation

## STEP 13 LEVEL DISHWASHER

**IMPORTANT** – Dishwasher must be level for proper dish rack operation, wash performance and door operation. The dishwasher must be leveled left to right and front to back.

- Make sure 1/2" minimum gap under the countertop is maintained.
- Remove the lower dish rack and place a level on the door and lower rack track as shown in the figure.



- If the dishwasher is not level, adjust the four leveling legs individually.

**Tip: Prevent unnecessary service charges. Verify dishwasher is leveled.**

Pull the dish racks half way out. They should stay put. Open and close the door. The door should fit in the tub opening without hitting the side of the tub. If the racks roll on their own, or the door hits the side of tub, re-level the dishwasher.

**IMPORTANT** – After leveling, verify that the dishwasher is still in the correct position shown in Step 10.

## STEP 14 SECURE DISHWASHER TO COUNTERTOP OR CABINET

The dishwasher must be secured to the countertop **or** the cabinet sides.

When the underside of the countertop is wood, use **method 1 (countertop mounting)**.

Use **method 2 (side mounting)** when the underside of the countertop is made of a material, such as granite, that will not accept wood screws.

## STEP 14 SECURE DISHWASHER TO COUNTERTOP OR CABINET (CONT.)

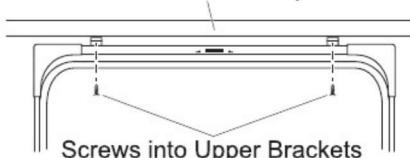
**IMPORTANT** – Prevent door panel and control panel damage. Dishwasher must be positioned so the front panel and control panel do not contact the adjacent cabinets or countertop. Mounting screws must be driven straight and flush. Protruding screw heads could scratch the door panel or control panel and interfere with door operation.

### Method 1

**Secure dishwasher to underside of wood countertop.**

- Fasten the dishwasher to the underside of the countertop with the 2 Phillips head screws. Refer to figure. Make certain screws are driven straight and flush to prevent panel damage.

Wood Countertop

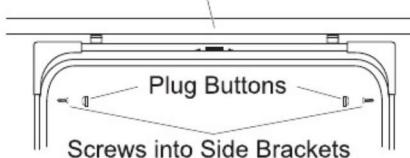


### Method 2

**Secure dishwasher to cabinet sides.**

- Remove plug buttons from tub. Do not discard.
- Fasten the dishwasher to the adjacent cabinets with the 2 Phillips-Head screws provided. Refer to the figure. Make certain screws are driven straight and flush to prevent panel damage. Do not screw into the cabinet face frame.
- Re-install plug buttons.

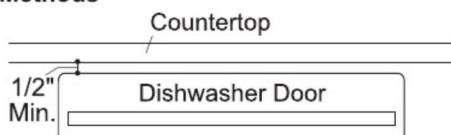
Solid Surface Countertop



- Re-check that the dishwasher is square and level at both the top and bottom of the cabinet opening, with no twisting or distortion of the tub or door after mounting to the cabinets/countertop. Adjust if necessary.

- Confirm all leveling legs are in contact with the floor to prevent the dishwasher from rocking and ensure proper door and latch operation.

### Both Methods



- When step is complete, close dishwasher door and verify that gap between countertop and top of dishwasher door is at least 1/2".

# Dishwasher Installation

## STEP 15 PRETEST CHECKLIST

Review this list after installing your dishwasher to avoid charges for a service call that is not covered by your Warranty.

- Check to be sure power is OFF.
- Open door and remove all foam and paper packaging.
- Locate the Owner's Manual.
- Read the Owner's Manual for operating instructions.
- Check door opening and closing. If door does not open and close freely, check for proper spring adjustments. If door drops or closes when released, adjust spring tension. See Step 1.
- Check to be sure that wiring is secure under the dishwasher, not pinched or in contact with door springs or other components. See Step 12.
- Check door alignment with tub. If door hits tub, level dishwasher. See Step 13.
- Check door alignment with cabinet. If door hits cabinet, reposition dishwasher. See Step 10.
- Check that door spring does not contact water line, fill hose, wiring or other components. See Steps 9 and 10.
- Verify water supply and drain lines are not kinked or in contact with other components. Contact with motor or dishwasher frame could cause noise. See Steps 9 and 10.
- Turn on the sink hot water faucet and verify water temperature. Incoming water temperature must be between 120°F and 140°F. A minimum of 120°F temperature is required for best wash performance. See "PREPARE HOT WATER LINE".
- Add 2 quarts of water to the bottom of the dishwasher to lubricate the pump seal.
- Turn on water supply. Check for leaks. Tighten connections if needed.
- Remove protective film if present from the control panel and door.
- Avoid service call charges by ensuring there is an air gap or drain hose routed through the required 32" minimum height. See Step 7.

## STEP 16 CHECK THE FOLLOWING

- Dishwasher is square and level at both the top and bottom of the cabinet opening, with no twisting or distortion of the tub or door.
- All 4 legs of the dishwasher are firmly in contact with the floor.
- Drain hose is not pinched between the dishwasher and adjacent cabinets or walls.

## STEP 17 DISHWASHER WET TEST

- Turn on power supply or plug power cord into outlet, if equipped.
- Select a cycle to run and push the **Start** button.

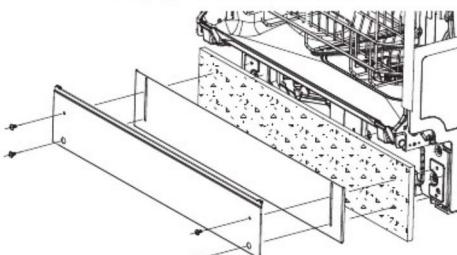
## STEP 17 DISHWASHER WET TEST (CONT)

- Close dishwasher door. Dishwasher should start.
- Check to be sure that water enters the dishwasher. If water does not enter the dishwasher, check to be sure that water and power are turned on.
- Check for leaks under the dishwasher. If a leak is found, turn off power at the breaker, and then tighten water connections. Restore power after leak is corrected.

**NOTE:** A small amount of water may splash out of the fill funnel, on the right side of the tub, during the first use after installation. Splash-out is most likely to occur if there is air in the water supply line from new construction or if the valve has been closed for an extended time.

- Check for leaks around the door. A leak around the door could be caused by door rubbing or hitting against adjacent cabinets. Reposition the dishwasher if necessary. See Step 10.
- Open dishwasher door. Press and hold the **Start** pad, until the light next to the pad turns off, to cancel the cycle. Close dishwasher door. The unit will begin to drain. Check drain lines. If leaks are found, turn off power at the breaker and correct plumbing as necessary. Restore power after corrections are made. See Steps 7 and 8.
- Open dishwasher door and make sure all of the water has drained. If not, check that disposer plug has been removed and/or air gap is not plugged. Also check drain hose to be sure it is not kinked underneath or behind dishwasher. See Step 8.
- Press Start button once again and run dishwasher through another cycle. Check for leaks and correct if required.
- Repeat these steps as necessary.

## STEP 18 INSTALL TOEKICK AND INSULATION PIECE



- Locate the sound insulation package inside the dishwasher. If required, trim excess felt.
- Place the insulation panel and inner toekick piece (with slots) against the dishwasher base. The slots in the inner toekick should align with the toekick.

**Tip: Reduce sound from under the dishwasher. Make sure toekick is against floor.**

- Place larger toekick over the inner pieces and install 4 toekick screws.
- Use both toekick pieces and insulation panel for all installation heights.

# Dishwasher Installation

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## **STEP 19** INSTALL BOTTLE JETS CLIPS (on some models)

Locate the Bottle Jets Clips in the user bag. Install a clip over a Bottle Jets stem by slipping its clip end over the nozzle and pressing it down to the base.

