

Installation Guide
Instrucciones de Instalación
Instructions d'Installation
English / Español / Français

Models/Modelos/Modèles: 630.1399*, 630.1300*, 630.1302*

Kenmore Elite®

Dishwasher

Lavadora de Platos

Lave Vaisselle

* = color number, número de color, le numéro de la couleur

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IMPORTANT SAFETY INSTRUCTIONS

To avoid possible injury or property damage, **OBSERVE ALL WARNINGS AND CAUTIONS.** These instructions are intended for use by qualified installers only. In addition to these instructions, the dishwasher shall be installed to meet all electrical and plumbing codes and ordinances (both national and local).

WARNING



Avoiding General Hazards

Do not use the dishwasher until it is completely installed. When opening the door on an uninstalled dishwasher, carefully open the door while supporting the rear of the unit. Failure to follow this warning can cause the dishwasher to tip over and result in serious injury.

In some conditions, hydrogen gas can form in a hot water system that has not been used for weeks. Hydrogen gas is explosive. Before filling a dishwasher from a system that has been off for weeks, run the water from a nearby faucet in a well ventilated area until there is no sound or evidence of gas.

Temperatures required for soldering and sweating will damage the dishwasher's base and water inlet valve. If plumbing lines are to be soldered or sweated, keep the heat source at least 6 inches (152.4 mm) away from the dishwasher's base and water inlet valve.

Removing any cover or pulling the dishwasher from the cabinet can expose hot water connections, electrical power and sharp edges or points. Handle with care. Always wear gloves and safety glasses.



Avoiding Electrical Shock/Fire Hazards

Do not allow the electrical and water supply lines to touch. Separate channels are provided under the dishwasher.

Do not work on an energized circuit. Doing so could result in serious injury or death. Only qualified electricians should perform electrical work. Do not attempt any work on the dishwasher electric supply circuit until you are certain the circuit is de-energized.

Make sure electrical work is properly installed. There should be no loose electrical connections. Ensure all electrical connections are properly made.

The customer has the responsibility of ensuring that the dishwasher electrical installation is in compliance with all national and local electrical codes and ordinances. The dishwasher is designed for an electrical supply of 120V, 60 Hz, AC, connected to a dishwasher-dedicated, properly grounded electrical circuit with a fuse or breaker rated for 15 amps. Electrical supply conductors shall be a minimum #14 AWG copper only wire rated at 75°C (167°F) or higher.

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 connected to the equipment-grounding terminal or lead on the appliance. Do not use extension cords.



Avoiding Plumbing/Scalding Hazards

Do not perform any work on a charged hot water line. Serious injury could result. Only qualified plumbers should perform plumbing work. Do not attempt any work on the dishwasher hot water supply plumbing until you are certain the hot water supply is shut off.

Do not overtighten the 90° elbow. Doing so may damage the water inlet valve and cause a water leak.

Temperatures required for soldering and sweating will damage the dishwasher's water inlet valve. If plumbing lines are to be soldered or sweated, keep the heat source at least 6 inches (152.4 mm) away from the dishwasher's water inlet valve.

Check local plumbing codes for approved plumbing procedures and accessories. All plumbing should be done in accordance with national and local codes.

These instructions depict an installation method for stainless steel braided hose or PEX hot water supply lines. If using copper tubing or other material for water supply, defer to a licensed plumber for proper installation.



IMPORTANT SAFETY INSTRUCTIONS - Please Read and SAVE this information

Read these installation instructions completely and follow them carefully. They will save you time and effort and help to ensure safety and optimum dishwasher performance.

If the dishwasher is installed in a location that experiences freezing temperatures (e.g., in a holiday home), you must drain all the water from the dishwasher's interior. Water system ruptures that occur as a result of freezing are **NOT COVERED BY WARRANTY**.

IMPORTANT

- The dishwasher drain hose must be installed with a portion of it at least 20" (508mm) above the cabinet floor; otherwise the dishwasher may not drain properly.
- This dishwasher is intended for indoor residential use only, and should not be used in commercial food service establishments.

OTHER IMPORTANT INFORMATION

Before installing the "L"-shaped supplied countertop mounting brackets (select models), decide which method will be used to secure the dishwasher into its opening. Once these mounting brackets are installed on the dishwasher, removing them is difficult and will damage the mounting brackets and the dishwasher.


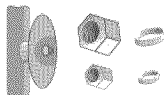

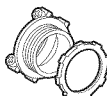
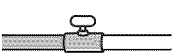
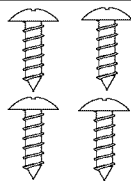
- This dishwasher is designed to be enclosed on the top and both sides by cabinetry.
- **NEW INSTALLATION** - If the dishwasher is a new installation, most of the work must be done before the dishwasher is moved into place.
- **REPLACEMENT** - If the dishwasher is replacing another dishwasher, check the existing dishwasher connections for compatibility with the new dishwasher, and replace parts as necessary.
- This appliance has been found to be in compliance with CAN/CSA-C22.2 No. 167/UL 749. It is the responsibility of the owner and the installer to determine if additional requirements and standards apply in specific installations.
- Not for outdoor use.

Inspect the Dishwasher

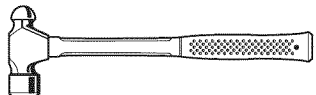
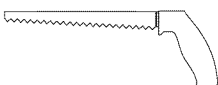


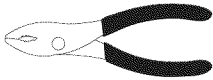
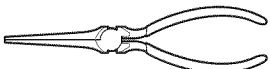

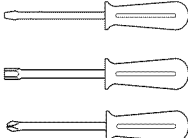
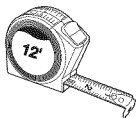
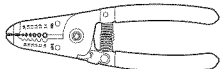
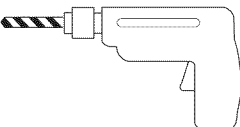
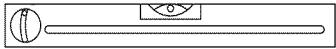
After unpacking the dishwasher and prior to installation, thoroughly inspect the dishwasher for possible freight or cosmetic damage. Report any damage immediately by calling 1-800-4-MY-HOME. Cosmetic defects must be reported within 30 days of installation.

NOTE: Do not discard any bags or items that come with the original package until after the entire installation has been completed.

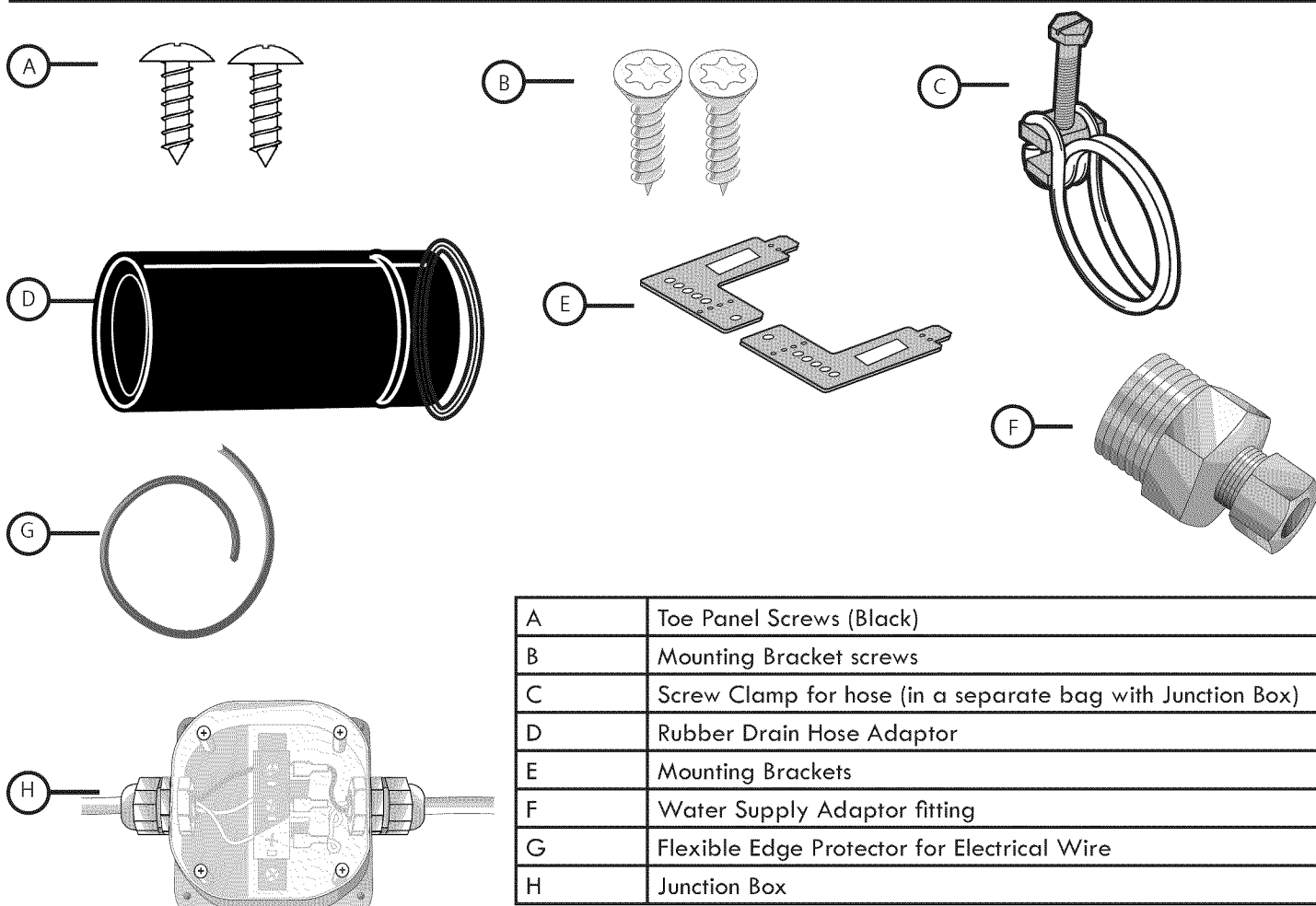
MATERIALS NEEDED

	Electrical Supply Cable - Minimum #14 AWG, 2 conductor, 1 ground, insulated copper conductors rated 75°C (167°F) or higher.		Shut-off valve and fittings appropriate for hot water supply line (copper tubing/compression fitting, or braided hose).
	Hot Water Supply Line - Minimum 3/8" (0.95cm) O.D. copper tubing, PEX, or metal braided dishwasher supply line.		UL listed conduit connector or strain relief is required if you attach the field wiring directly to the terminal block.
	Shut-off valve and fittings appropriate for hot water supply line (copper tubing/compression fitting, or braided hose).		Four screws to mount the junction box

TOOLS NEEDED

			
Hammer	Hole Saw	Safety Glasses	Adjustable Wrench
			
Pliers	Needle Nose Pliers	Work Gloves	Screwdrivers
			
Measure Tape	Wire Strippers	Drill	Level

MATERIALS SUPPLIED



A	Toe Panel Screws (Black)
B	Mounting Bracket screws
C	Screw Clamp for hose (in a separate bag with Junction Box)
D	Rubber Drain Hose Adaptor
E	Mounting Brackets
F	Water Supply Adaptor fitting
G	Flexible Edge Protector for Electrical Wire
H	Junction Box

PRE - INSTALLATION INSTRUCTIONS



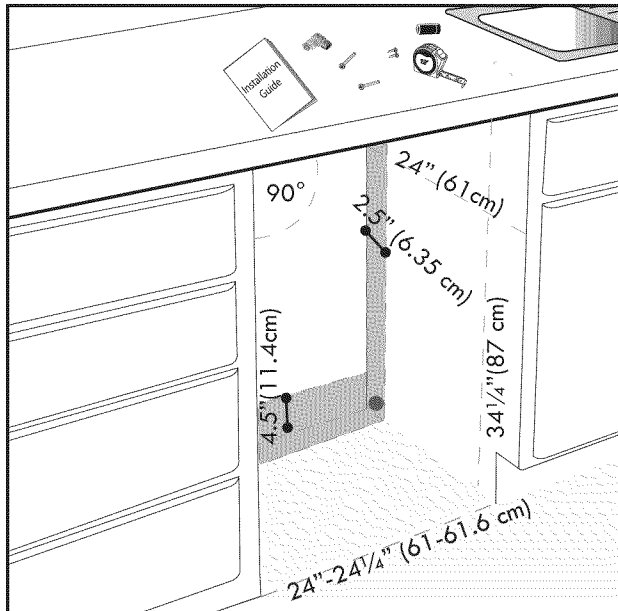
WARNING

Avoid Scalding or Electrical Shock Hazard!
Make sure the water supply and electrical supply are shut off before installation or service.

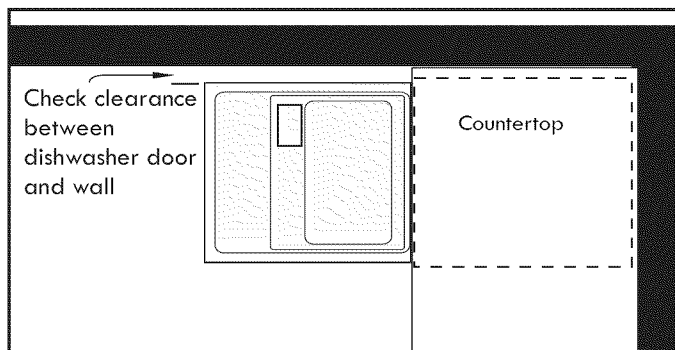
NOTE: This dishwasher is designed to be enclosed on the top and both sides by standard residential kitchen cabinetry.

Select a location as close to the sink as possible for easy access to water supply and drain lines.

For proper dishwasher operation and appearance, ensure that the enclosure is square and has the dimensions shown below.



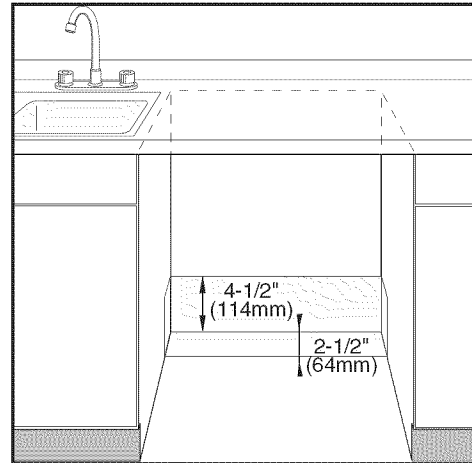
If the dishwasher is to be installed in a corner, make sure that there is adequate clearance to open the door.



WARNING

Avoid Electrical Shock/Fire Hazard
Do not allow the electrical and water supply lines to touch.

After locating the proper place for your new dishwasher, you will need to make any required openings to allow for passage of the water, drain and electrical line. In order to avoid interference with the dishwasher when sliding it into the cabinet, place your openings within the dimensions shown below.

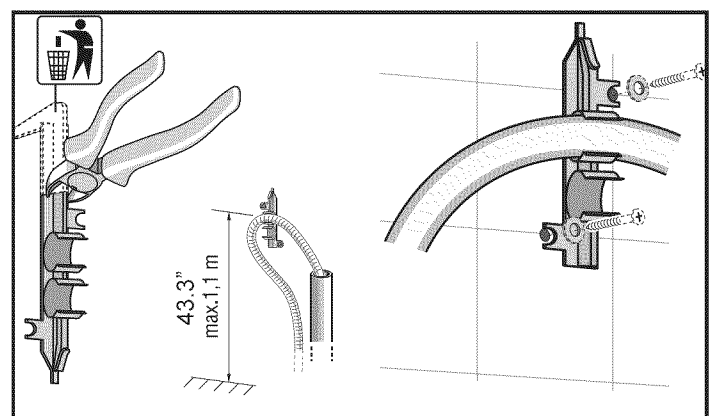


REQUIRED OPENINGS:

- 4 1/4" x 2" (10.8 x 5.2cm) - To pass the included electrical supply junction box through to an adjacent cabinet
- 4" x 2" (10 x 5cm) - To pass the included water supply line toward the water supply
- 1 1/4" (3.2cm) diameter - To pass the dishwasher drain hose toward the drain connection

NOTE: If the incoming electric supply, water supply and drain connections are all in the same cabinet, the one 4 1/4" x 2" (10.8 x 5.2cm) hole will be large enough for all three to pass through.

Before sliding the dishwasher into the cabinet, remove the hose clip at the back of the dishwasher, as shown below and discard.



ELECTRICAL REQUIREMENTS



WARNING

Avoid Electrical Shock Hazard

Do not work on an energized circuit. Doing so could result in serious injury or death. Only qualified electricians should perform electrical work. Do not attempt any work on the dishwasher electric supply circuit until you are certain the circuit is de-energized.

Electrical Supply

The customer has the responsibility of ensuring that the dishwasher electrical installation is in compliance with all national and local electrical codes and ordinances. The dishwasher is designed for an electrical supply of 120V, 60 Hz, AC, connected to a dishwasher-dedicated, properly grounded electrical circuit with a fuse or breaker rated for 15 amps. Electrical supply conductors shall be a minimum #14 AWG copper wire rated at 75°C (167°F) or higher.

Grounding Instructions

The dishwasher must be properly grounded before operating. 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 connected to the equipment grounding terminal or lead on the dishwasher. Make sure that the dishwasher is connected to a suitable ground in compliance with all local codes or, in the absence of a local code, with the NATIONAL ELECTRICAL CODE in the United States or the CANADIAN ELECTRIC CODE C22.1-latest edition in Canada as well as any provincial/state or municipal or local codes that apply.

Dishwasher Electrical Rating

Volts	Hertz	Amperes	Watts
120	60	12	1,450 (max)

Electrical Connection

The dishwasher electrical supply junction box and dedicated receptacle must be mounted in an accessible cabinet adjacent to the dishwasher (do not mount the junction box or receptacle behind the dishwasher). You will need a 4 1/4" x 2" (10.8 x 5.1cm) opening through the cabinet in order to pass the junction box through. If the opening is made through wood, sand it smooth. If the opening is made through metal, use the included protective grommet or other approved method to protect wiring from damage.



WARNING

Avoid Fire Hazard

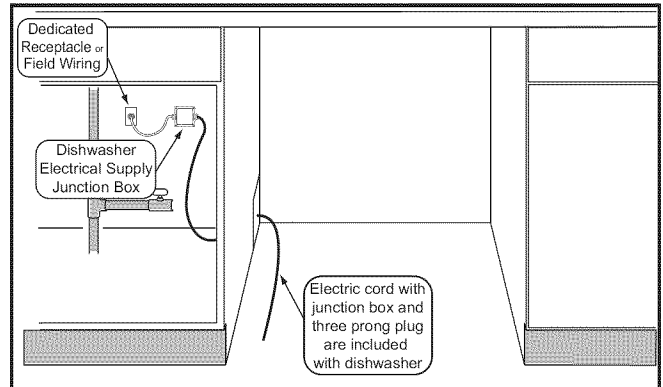
Make sure electrical work is properly installed. Only qualified electricians should perform electrical work.

Use the four screws (not supplied) to securely mount the junction box so that it can be easily accessed. The electrical supply can be connected in two ways:

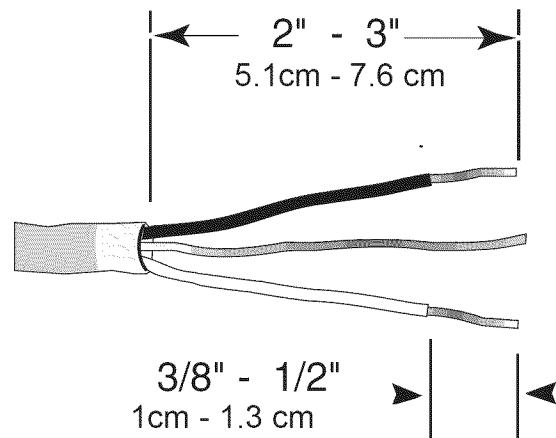
Method A - Three prong plug and receptacle

Use the included three-prong plug and junction box to connect to a dedicated household receptacle. Make sure the household receptacle meets the electrical supply requirements as well as national and local codes.

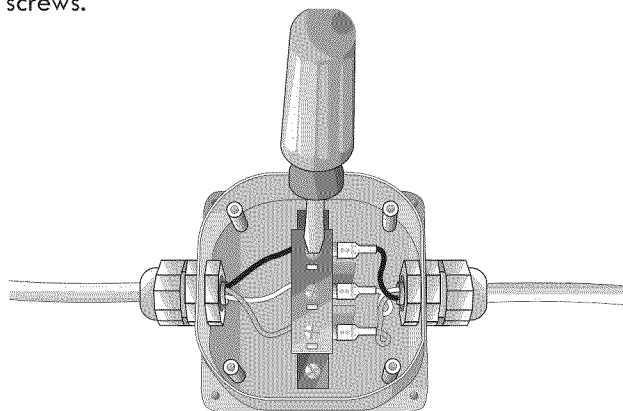
Method B - To permanently connect to household or field wiring:



1. Remove the dishwasher electrical supply junction box cover and connect to the power supply cord from the house installation.
2. Remove 2" to 3" (5.1 - 7.6cm) of the outer casing of the household or field supply wiring as shown below. Remove 3/8" to 1/2" (1 - 1.3cm) of the insulation from each wire.

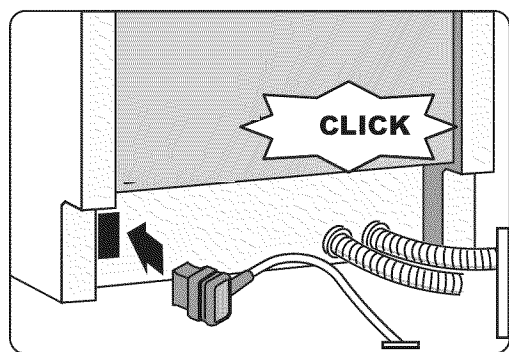


3. Insert the bare copper or green wire(ground) to the "G" ground connection of the terminal block and securely tighten the terminal block screw.
4. Insert the white (neutral) wire to the "N" connection of the terminal block and securely tighten the terminal block screw.
5. Insert the black(hot) wire to the "L" connection of the terminal block and securely tighten the terminal block screw.
6. Check all electrical connections to make sure they are secure and then attach the junction box cover with the 4 screws.



METHOD A & B

As a final step, connect the dishwasher power supply plug (connected to the junction box at the other end) in the slot at the bottom of the dishwasher as shown below.



Dishwasher power supply plug



CAUTION

Temperatures required for soldering and sweating will damage the dishwasher. If plumbing lines are to be soldered or sweated, keep the heat source at least 6 inches (152.4 mm) away from the dishwasher.

INLET WATER CONNECTIONS

Hot Water Supply

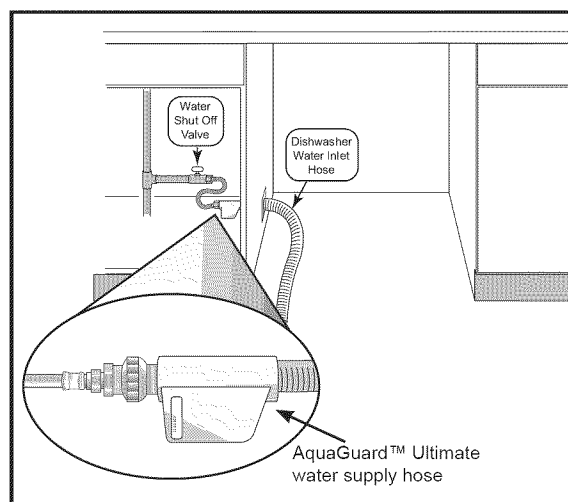
The hot water heater should be set to deliver approximately 120° F (49° C) water to the dishwasher. Water that is too hot can cause some detergents to lose effectiveness. Lower water temperatures will increase run times. The hot water supply pressure must be between 15 - 145 psi (1 - 10 bar).

IMPORTANT NOTES:

- If using a solder joint instead of a compression fitting, be sure to make all solder connections before connecting the water supply line to the dishwasher.
- Make sure there are no sharp bends or kinks in the water line that might restrict water flow.
- Always use the appropriate seal when making plumbing connections.
- Before connecting the water supply line to the dishwasher, flush the incoming water line for approximately 5 minutes to clear any foreign material.
- Turn on the water supply and check for leaks after connections are made.

Connecting the Hot Water Supply

There are two plastic corrugated hoses that exit the back of the dishwasher. The larger hose, with the brass fitting on the end, is the water supply hose to the dishwasher (the other hose is the dishwasher drain hose). You will need a 3" x 1 3/4" (7.6 x 4.5cm) opening through the cabinet to pass the dishwasher water supply line through toward the shut off valve.



To connect the hot water supply:

1. Assemble the water supply adaptor fitting from the parts bag onto the dishwasher water supply hose. This connection does not require Teflon brand tape.
2. Pass the dishwasher water supply line with attached adaptor through the opening toward the water shut off valve. Take care not to allow the hose to kink or twist behind the dishwasher.
3. Connect the dishwasher water supply line with adaptor to the water shut off valve. You will need to use an approved dishwasher water supply line with the correct fittings for this connection. Always use the appropriate seal when making plumbing connections.
NOTE: The end of the dishwasher water inlet hose is heavy and will need to be supported. It is best to lay the end on the cabinet floor.
4. After all connections are made, turn on the hot water and check for leaks.



WARNING

Avoid Scald Hazard

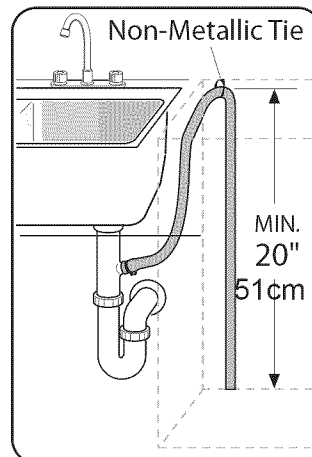
Do not perform any work on a charged hot water line. Serious injury could result. Only qualified plumbers should perform plumbing work. Do not attempt any work on the dishwasher hot water supply plumbing until you are certain the hot water supply is shut off.

DRAIN CONNECTIONS

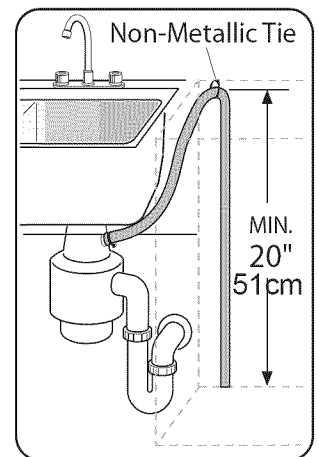
IMPORTANT NOTES:

- If local ordinance require an air gap, install it according to the manufacturer's instructions.
- If the dishwasher drain hose is to be connected to a disposer dishwasher drain connection, remove the plug from the disposer's dishwasher drain connection.
- The dishwasher drain hose must have one place along its length that is securely attached 20 inches (50.8cm) above the cabinet floor.
- The drain hose length can be extended if necessary. The maximum length of the drain hose, including the hose leading to the air gap, is 150 inches (381cm).

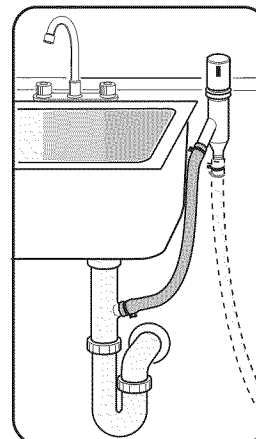
The dishwasher drain hose may be connected to the household or field drain plumbing in one of four ways. You will need a $1\frac{1}{4}$ " (3.2 cm) diameter hole in order to pass the drain hose through the cabinet.



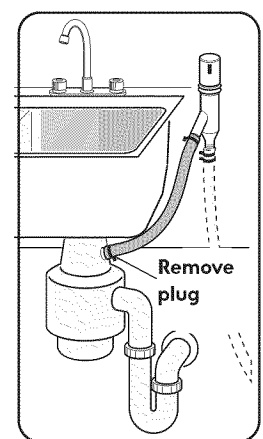
Directly to the undersink dishwasher drain connection.



Directly to a disposer dishwasher drain connection.



To the undersink dishwasher drain connection through an air gap.



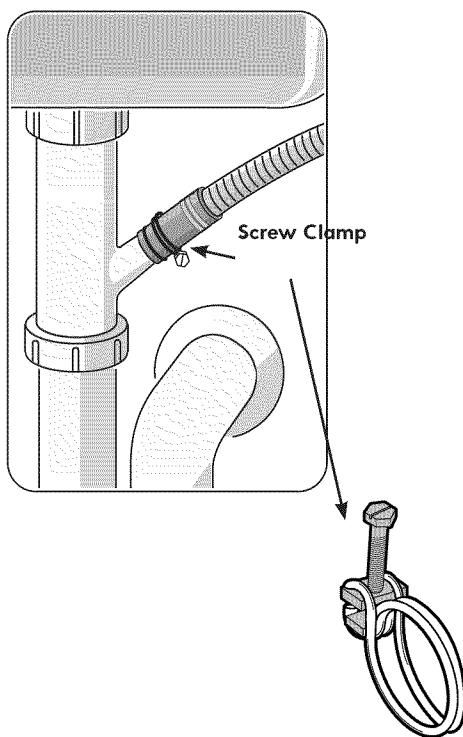
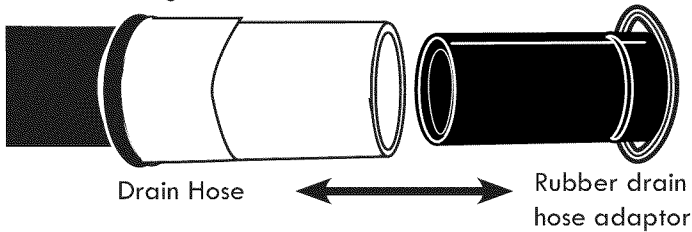
To a disposer dishwasher drain connection through an air gap.

RUBBER DRAIN HOSE ADAPTOR

For a large port, use the drain hose as it is.

For a small port, insert the rubber drain hose adaptor into the drain hose end as shown below.

1. Obtain the Rubber Drain Hose Adaptor screw clamp from the Dishwasher Installation Kit (**do not substitute**).
2. Insert the dishwasher drain hose into the **end of the drain hose**. Be sure to fully insert the drain hose.
3. Use the clamp provided to attach the Rubber Drain Hose Adaptor to the house plumbing. Tighten until hose can no longer rotate.

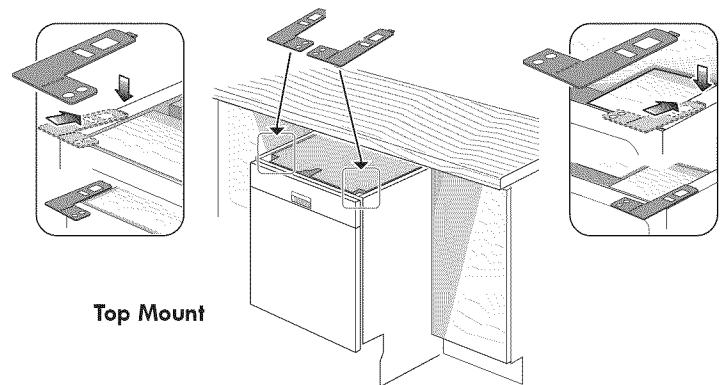


MOUNTING BRACKETS

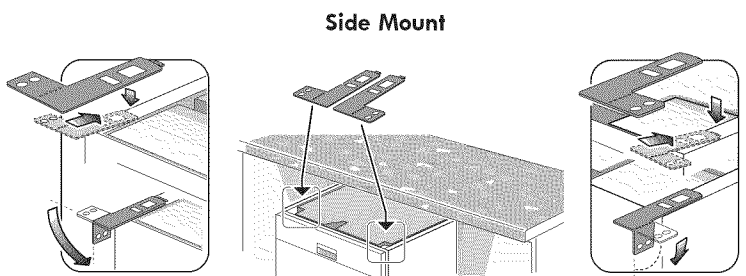
Before installing the supplied countertop mounting brackets, decide which method of securing the dishwasher into its enclosure will be used. Once the mounting brackets are installed on the dishwasher, removing them is difficult and will damage the mounting brackets and the dishwasher.

The dishwasher can be secured into its enclosure in two ways:

1. **Top Mount** is used for countertops made of wood or other materials that can easily drilled. Orient the mounting brackets as shown below and position the the mounting brackets over the slots on the dishwasher's front corners. Push the mounting brackets down firmly to insert the tabs into the slots.



2. **Side Mount** is used for countertops made of marble, granite, or other very hard materials that cannot be easily drilled. Bend the mounting brackets along the small holes and in the same direction as the two small tabs. Orient the mounting brackets as shown below, and position the two small tabs on the mounting brackets over the two slots on the dishwasher's front corners. Push the mounting brackets down firmly to insert the tabs into the slots.

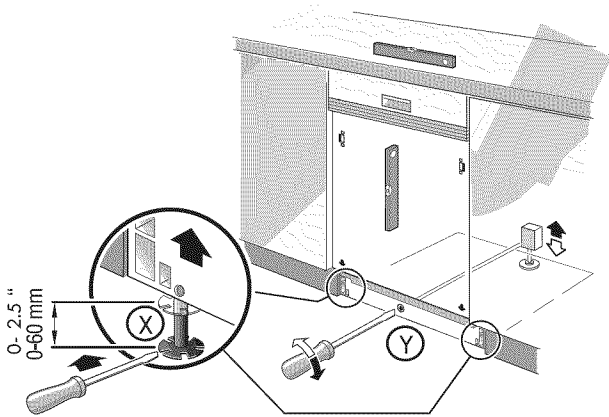


WARNING

Do not use the dishwasher until it is completely installed. When opening the door on an uninstalled dishwasher, carefully open the door while supporting the rear of the unit. Failure to follow this warning can result in serious injury.

LEVELING THE DISHWASHER

The unit should now be ready to slide into the cabinet opening. To avoid scratching the floor, use floor protection and caution when sliding the dishwasher into the cabinet. Make sure that the hoses and cords do not bunch up behind the unit or kink as you slide the unit back. Make certain to slide the unit into place before raising the leg levelers.



NOTE: If the dishwasher is not level, it may not operate properly and could cause leaks.

Check that the leveling legs are firmly against the floor.

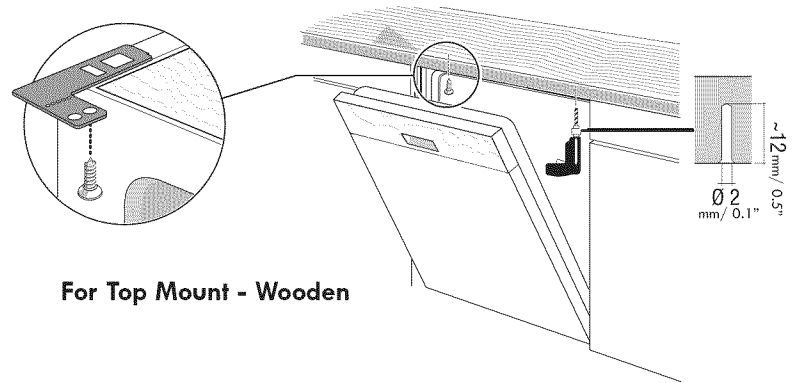
- Place a level against the front panel.
- Check that the dishwasher is plumb. If needed, adjust leg levelers until dishwasher is plumb.
- Open the door.
- Place the level inside against the top of the tub.
- Check that dishwasher is level from side to side. Adjust the leg levelers as necessary.

Adjusting the leg levelers:

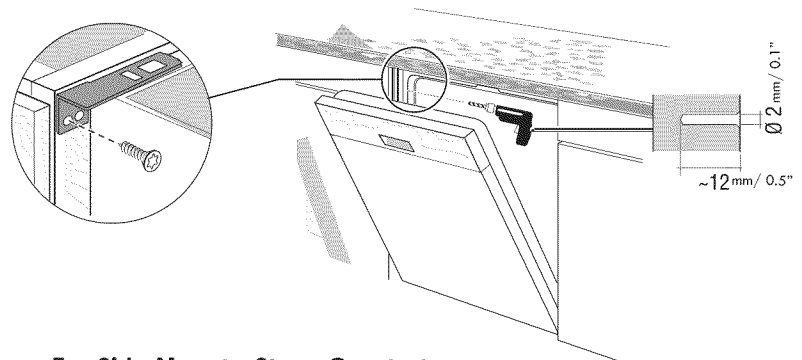
- To adjust the front feet (X), turn **clockwise to raise** or **counter-clockwise to lower**.
- To adjust the back foot, turn the center screw (Y) **clockwise to raise** or **counter-clockwise to lower**.

SECURING THE DISHWASHER

1. Drive the mounting screws through the holes in the mounting brackets as shown for Top or Side Mount.
2. After the unit is installed in the enclosure, leveled and secured, lock the two front leg levelers in place by driving the enclosed leg leveler locking screws into each screw slot located in front of the levelers.
3. Tighten screws until they are flush with the surface of the slots.



For Top Mount - Wooden

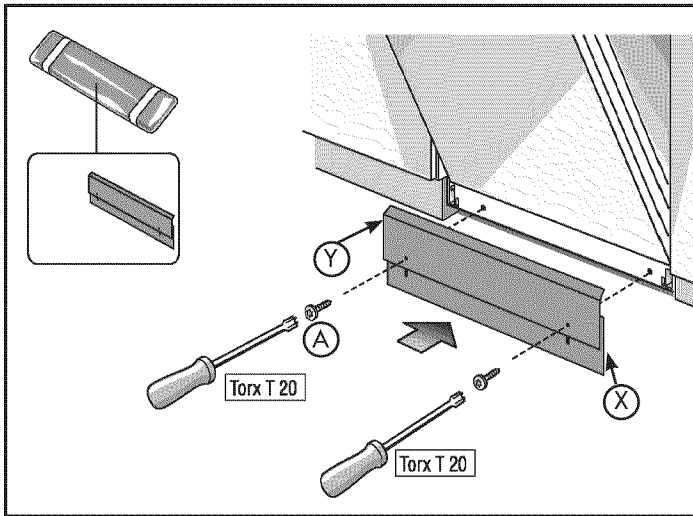


For Side Mount - Stone Countertop

ATTACHING THE TOE PANEL

Your dishwasher comes with a three-piece toe panel to allow height adjustment.

1. Position the slotted rear toe panel (X) on the dishwasher first. Allow it to rest on the floor.
2. Position the mating front toe panel (Y) on top of the rear toe panel allowing the angled edge to rest on the mating edge of the dishwasher.
3. Drive the two black screws (A) (supplied) through the hole in the toe panel to secure. Only use the supplied screws to avoid damaging the dishwasher.



CHECK FOR LEAKS

Attach water line to incoming hot water shut off valve.

- Turn on water and check for leaks.
- Turn power back on at fuse box.
- Start dishwasher and listen for water and pump for water distribution. Press Cancel/Reset to drain and check for leaks.

