Before You Begin

Read all instructions before installing dishwasher. Failure to follow these instructions could result in death or serious injury.

Installation Tips

Tools and Materials Needed for Installation

- Drill, Electric
- Driver, Socket 1/4", 3/8", 1/2"
- Flaring Tool/Table Cutter (for copper tubing)
- Flashlight
- Gloves
- Level
- Pipe Joint Compound (for iron pipe plumbing) or Pipe Thread Tape (for sealed threads)
- Plugs
- Safety Glasses
- Saw, Keyhole or 1/2", 1/4", 1/8" or 1/4" Hole Cutters
- Screw Drivers, Slotted and Phillips (magnetic tip preferred)
- Tape, Electrical or Duct
- Tape, Measuring
- Wire Stripper or Utility Knife
- Wrench, Hex-end
- Wrenches, 2 Adjustable (for copper tubing) or 2 Pipe wrenches (for iron pipe plumbing)

Parts You Will Need* (Not Included)

- Drain Hose Clamp, 1-1/2" Diameter
- Elbow, 90° with 1/2" National Pipe Thread or 1/2" Hose Thread Fitting
- Conductors/wires two (2) for 12-14 gauge wire
- Plumbing Tape

Installation Preparation

1. Remove two (2) screws at front of the kickplate assembly using a #2 Phillips screwdriver.
2. Tilt and pull forward to remove. See Figure 1.

NOTE: It is not necessary to remove the outer door for installation. However, you might find it more convenient to do so. You can find directions for removing door in Step 10.

NOTE: If dishwasher is installed at end of a cabinet line, sides and back must be trimmed to fit. See Figure 6. (NOTE: If cabinet opening is not central, it will be necessary to re-trim units.)

NOTE: You may order a Cabinet Seal Kit (Kit #154427301) by contacting your dealer or parts supplier. This kit provides a seal between the unit and cabinets once installation is complete.

Connections For Electrical, Water, and Drain

IMPORTANT: Do not cross drain, water, and electrical lines in front of dishwasher motor or frame.

Locating the Connections

1. Review dimensions in Figure 3 to locate dishwasher's drain, water, and electrical connections.
2. All connections must be made in shaded area in Figure 2.

Roughing In

1. Make sure your location has the right drain, water, and electrical outlets to make the connections. Do not install unit under a cooktop range. Damage to plastic tub will occur.
2. If you connect to a sink trap, entry must be above trap. A Y branch tailpiece and connector kit, not included, will make this method easier and includes all needed fittings and instructions. See Figure 5.

Electrical

1. The dishwasher operates on a 120 volt, 60 Hz electrical supply. Provide a separate circuit with a fuse or circuit breaker rated for at least 15 amps (20 amps if connected with disposal) but not more than 20 amps. See Figure 2.
2. Use a ground wire and the electrical supply to the unit's water inlet valve. Copper tubing must have a minimum 1/2" OD. High-pressure and high-temperature rated plastic tubing with a minimum inner diameter of 1/2" may be used. A shut-off valve installed outside of dishwasher cabinet is best. See Figure 4.

Water

1. Determine where you will connect to hot water supply. Review Figure 3 and note the location of water inlet valve.

Failure to follow such instructions could result in fire or electric shock.

WARNING

Electric Shock Hazard

Disconnect electrical power at the fuse box or circuit breaker box before beginning installation. Failure to follow this warning could result in death or serious injury.

1. Examine dishwasher and locate connections. See Steps 4. The dishwasher will look, sound, and perform best when located where there is easy access to drain, water, and electrical lines. The best location is on either side of the kitchen sink for access to existing plumbing and ease of installation. See Step 1.
2. Water, and drain connections are not the same for all age, brands, or models of dishwashers. Check the dishwasher's Use and Care Manual. It contains directions for removing door in Step 10.
3. If unit is to be placed in a corner, there must be at least a 2-inch clearance to the wall. See Figure 2.

Property Damage

Do not use the furnished drain hose or a rubber garden hose for the water supply line. Either of these hoses can burst. Flooding may occur and cause property damage.

WARNING

AOH: 154427301/008

AW: 154427301/H

PN: 154427301

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PH: 1544273011/H
AW: 154427301/H

Installation Instructions

If the cabinet wall is wood, sand edges of hole until smooth and free of any obstruction.

To anchor the dishwasher, See Step 9.

Anchor the dishwasher. See Step 8.

IMPORTANT: For proper operation and appearance of unit, cabinet opening should have dimensions as shown in Figure 2. If unit is to be placed in a corner, there must be at least a 2-inch side clearance to open door.

1. Do not over tighten.
2. Do not push down on open door.
3. Failure to follow this warning can result in serious injury.

Tip Over Hazard

Do not use dishwasher until completely installed.

Drying Vent Hose (if equipped)

Care must be taken during installation and removal of the dishwasher to avoid disconnecting the vent hose that is attached to the top of the dishwasher.

4. Install Water Inlet Valve

1. Cut water access hole in shaded area in Figure 2. See Step 4.
2. Route water supply line into installation area. See Figure 3.

3. IMPORTANT: Disconnect power before starting installation.

4. IMPORTANT: Inlet hot water temperature should be at least 120°F (49°C). Water pressure should be between 20-120 psi.

5. Drain

1. Review figures 5, 6 and 7 to see the different ways to connect dishwasher to drain system. Choose method that best suits your need.

Drain Hose to the drain through the hole in the floor. If the cabinet is wood, sand edges of hole until smooth and round. If cabinet wall is metal, coat all sharp edges with electrical duct tape to avoid cutting drain hose.

CAUTION

Failure to follow this warning could result in death or serious injury.

Installation Instructions

Failure to follow these instructions could result in damage.
Leveling Dishwasher within Cabinets

1. Measure height of cabinet opening from underside of countertop to floor. Check chart for height opening and suggested adjustment.

Leg Leveler Adjustment Chart

<table>
<thead>
<tr>
<th>Height of Cabinet Opening</th>
<th>Number of Turns to Adjust Levelers</th>
</tr>
</thead>
<tbody>
<tr>
<td>34 1/2” (87.6cm)</td>
<td>2</td>
</tr>
<tr>
<td>34 1/4” (86.7cm)</td>
<td>6</td>
</tr>
</tbody>
</table>

For additional height add shims under levelers.

2. Move dishwasher to front of installation area.
3. Loosen the front and rear leveling legs by turning counterclockwise. Refer to chart for number of turns. See Figure 8. Front levelers should allow 1/8” below underside of countertop.

Finishing the Drain Connection

CAUTION

Do not gutter within 8” of the water inlet valve. Damage to the water inlet ports in the valve may occur.

Use care that no scale, dirt, or other objects enter the valve. Damage to the filter screen may occur.

If floor has to be removed, make sure floor is free of holes, bumps, and cabinets.

Socket

3. Inside junction box, attach ground wire under head of grounding clamp. See Figure 12. 
4. Connect incoming black lead to dishwasher’s black lead and incoming white lead to dishwasher’s white lead with wire nuts or other suitable connectors (not included). Wire nuts should be tight.

5. Replace junction box cover. See Figure 13.

Electrical Supply

1. Remove junction box cover and pull house wiring into junction box. See Figure 12 and 13.
2. Use a U.L. listed conduit connector (not included), at box to stabilize wiring.

IMPORTANT: Be sure electrical cable is not routed behind dishwasher’s motor.

Floor Anchoring

Note: If mounting your dishwasher to the countertop or to the floor is not a desirable option, you can order the side mount kit, 154806601/2, by contacting your dealer or parts supplier. This allows you to install the dishwasher by securing it to the cabinets or partitions on either side of the unit. The kit utilizes the front frame of the dishwasher to secure the unit to the cabinet or partitions.

1. Screw 1/4” lag screw (not included), through holes provided in frame rail. See Figure 15.
2. Use expansion fasteners if floor is concrete.

WARNING

Failure to follow these instructions could result in death or serious injury.

To Remove and Replace Outer Door

1. Un latch and open door. Using a Phillips head screw driver, remove two (2) screws from inner door. Save screws to reassemble. See Figures 15, 16a.
2. Close latch and door while holding both sides.

Replacing Door

1. Refer to Step 10, numbers 5 and 6, for replacing outer door.
2. Adjust door springs to balance weight of door. A correct spring adjustment is shown in Figures 12 and 13.
3. Checking the Installation

WARNING

Drain hose is assembled to drain pump. All packing materials and contents of literature packet have been removed from unit. Dishwasher is level and securely fastened. Open and close door to make sure it does not hit surrounding cabinet or countertop. Water and drain lines have no kinks. Wiring connections to junction box are tight. Water supply is turned on. Joints are free of leaks.

Operating the machine through at least one fill and pump-out, checking the following items:

At first fill, make sure water completely covers filter surface. (Motor pump sound may be heard before water enters unit). At pump-out, make sure all water is pumped out. Check water connections again for leaks.

Checking the Installation

1. Check all connections are correct. There are no leaks and unit runs properly, replace the kickplate assembly before placing unit into operation.
2. Failure to follow this warning could result in electric shock.

SAFETY INSTRUCTIONS

Electric Shock Hazard

Plumbing material and drain hose must not come in contact with wiring or electrical components. Failure to follow this warning could result in personal injury from exposed wiring.

Electric Shock Hazard

Make sure electrical power has been disconnected at fuse box or circuit breaker box.

The dishwasher must be connected to a grounded metal, permanent wiring system. The equipment grounding conductor must be run with the circuit conductors and connected to the appliance’s grounding terminal or lead. It is the consumer’s responsibility to contact a qualified installer to make sure the electrical installation conforms with the National Electrical Code and local codes and ordinances. Do not connect the dishwasher to the power supply until the appliance is permanently grounded. All wiring connections must be enclosed in the junction box. The lead has copper lead wires.

Joining aluminum building wire to stranded copper wire should be done by a qualified electrician using materials recognized by UL and local codes.

Do not use an extension cord. Such use can result in fire, electrical shock, or other personal injury.

Failure to follow these instructions could result in death or serious injury.

Securing the Dishwasher

1. Install the Cabinet Seal Kit (Instructions included in kit).
2. Replace Kickplate. See Figure 9.
3. Adjust levelers (see Step 5), so mounting brackets touch underside of countertop. IMPORTANT: Dishwasher must rest on all four feet or it will not run properly. See Figures 14 and 15.
4. Tub needs to be even with the front of adapting cabinets.
5. Screw mounting brackets firmly to countertop using screws provided in literature packet.
6. Open and close dishwasher door slowly. If door hits mounting brackets lower the dishwasher in front and rear.
7. Note: Open and close door to make sure it does not hit surrounding cabinets or countertop.

Removing & Replacing Door

1. Unlatch and open door. Using a Phillips head screw driver, remove two (2) screws from inner door. Save screws to reassemble. See Figures 14, 15.
2. Close latch and door while holding both sides.

REPLACEMENT PARTS

For additional information please see the literature enclosed with your appliance.

Countertop Anchoring

1. Install the Cabinet Seal Kit (Instructions included in kit).
2. Replace Kickplate. See Figure 9.
3. Adjust levelers (see Step 5), so mounting brackets touch underside of countertop. IMPORTANT: Dishwasher must rest on all four feet or it will not run properly. See Figures 14 and 15.
4. Tub needs to be even with the front of adapting cabinets.
5. Screw mounting brackets firmly to countertop using screws provided in literature packet.
6. Open and close dishwasher door slowly. If door hits mounting brackets lower the dishwasher in front and rear.
7. Note: Open and close door to make sure it does not hit surrounding cabinets or countertop.

WARNING

Failure to follow these instructions could result in death or serious injury.

The dishwasher must be second to keep it from falling when door is opened. Choose one of the methods described below to secure unit.

WARNING

Electric Shock Hazard

Metal color panels are sharp and should be handled with care. Wear gloves to protect hands. Failure to follow this warning may result in injury.

Checking the Installation

check these items:

1. Water Line

Route water line to water inlet valve as shown in Figure 11. While firmly pulling water supply line into 90° elbow, tightly connect water supply to water inlet valve. Supply line must be free of kinks, scars, chips or abrasions.

2. Turn on water supply and check for leaks.

To Remove and Replace Outer Door

1. Un latch and open door. Using a Phillips head screw driver, remove two (2) screws (not included) from inner door. Save screws to reassemble. See Figures 14, 15.
2. Close latch and door while holding both sides.

Replacing Door

1. Refer to Step 10, numbers 5 and 6, for replacing outer door.
2. Adjust door springs to balance weight of door. A correct spring adjustment is shown in Figures 12 and 13.
3. Loosen the front and rear leveling legs by turning counterclockwise. Refer to chart for number of turns. See Figure 8. Front levelers should allow 1/8” below underside of countertop.

Finishing the Drain Connection

1. Pull out unit and check to see if drain hose is correctly attached to the drain pump assembly. If hose is not attached to drain pump, follow the instruction sheet (included with drain pump). See Figure 8.
2. Check to see if drain hose is properly drained. Pull excess through cabinet and place under sink.
3. Clamp.
4. Bends or kinks that might restrict drain flow.

Removing & Replacing Door

1. Un latch and open door. Using a Phillips head screw driver, remove two (2) screws from inner door. Save screws to reassemble. See Figures 14, 15.
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Replacing Door

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