

- Wrenches, 2 Adjustable (for copper tubing) or 2 Pipe Wrenches (for iron pipe plumbing)

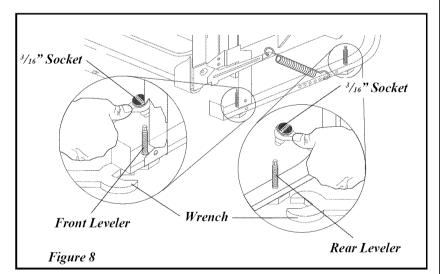
# Leveling Dishwasher within Cabinets

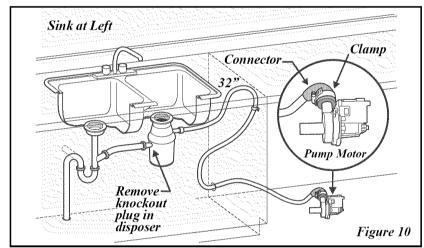
1. Measure height of cabinet opening from underside of countertop to floor. Check chart for height opening and suggested adjustment.

Leg Leveler Adjustment Chart	
Height of Cabinet Opening	Number of Turns to Adjust Levelers
34" (86.4cm)	0
34¹/ଃ" (86.7cm)	2
34⁵/₁6" (87.2cm)	6
34 <sup>1</sup> /2" (87.6cm)	9

For additional height add shims under levelers.

- 2. Move dishwasher to front of installation area.
- 3. Loosen the front and rear leveling leas by turning counterclockwise. Refer to chart for number of turns. See Figure 8. Front levelers should allow 1/4" below underside of countertop





The drain hose loop must be at least 32" high from the floor to insure proper drainage.

## **Finishing the Water** Connection

# **ACAUTION**

- **Property Damage** Do not solder within 6" of the water inlet valve. Damage to the plastic parts in the valve may occur.
- Use care that no sealer, dirt, or other objects enter the valve. Damage to the filter screen may occur.
- Be sure the dishwasher is placed where the water inlet valve will be kept from freezing. If the valve freezes, it may rupture and flooding may occur.

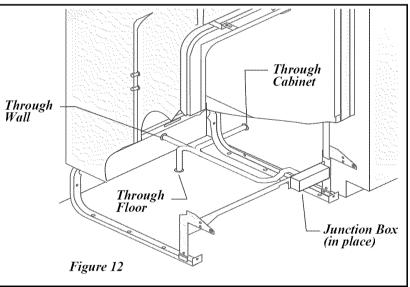
### Water Line

1. Flush water line before connecting it to water inlet valve to prevent early clogging of filter screen. Place a bunched towel over end of line to prevent splashing. Open valve for a few seconds and let water drain into a pan. Turn off water supply at shut-off valve.

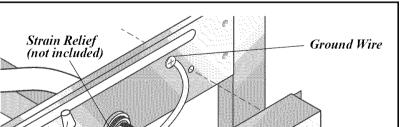
### Electrical Supply

- Remove junction box cover and pull house wiring into junction box. See Figures 12 and 13.
- 2. Use a UL listed strain-relief bushing, not included, at box to stabilize wiring.

#### IMPORTANT: Be sure electrical cable is not routed behind dishwasher's motor

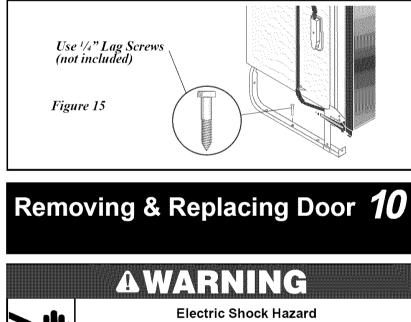


- Inside junction box, attach ground wire under head of grounding 3. screw and tighten. See Figure 13.
- 4. Connect incoming black lead to dishwasher's black lead and incoming white lead to dishwasher's white lead with wire nuts or other suitable connectors, not included. Wire nuts should be tight. 5. Replace junction box cover. See Figure 13.



### Floor Anchoring

- This procedure is difficult and should be used only if countertop mounting brackets cannot be used.
- **1.** Screw <sup>1</sup>/<sub>4</sub>" lag screws, not included, through holes provided in frame rail. See Figure 15.
- 2. Use expansion fasteners if floor is concrete.



- 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.

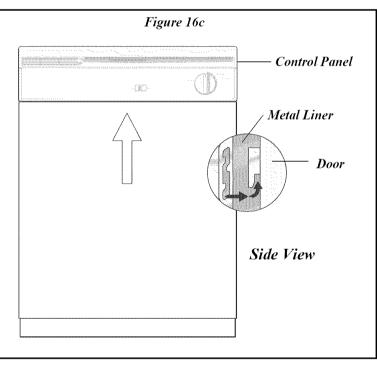
# ACAUTION

Cut 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.

#### To Remove and Replace Outer Door 1. Unlatch and open door. Using a Phillips head screwdriver,

Figure 16a

5. When ready to replace door, fit the slots on each side of top door edge over the tabs on the metal liner. Push on sides to insure the door is flat. Push up from bottom until there is no gap between door and control panel. See Figure 16c.



6. Unlatch door and open while supporting outer door on both sides at bottom to keep in place. Align screw holes and replace screws.

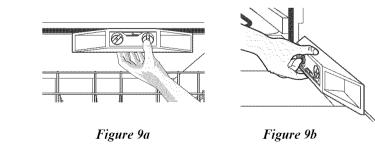
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# Checking the Installation

Before starting the dishwasher, check these items:

- Drain hose is assembled to drain pump.
- □ All packing materials and consumer literature have been

- 4. If levelers have to be removed, make sure floor is free of obstructions
- 5. Place dishwasher inside cabinet area so that it is centered in opening. Use caution when moving dishwasher to prevent damage to dishwasher, floor, and cabinets.
- 6. Check that dishwasher is level from side to side by placing a level against the top front section of the tub. See Figure 9a.



- 7. Check that dishwasher is level from front to back by placing level on side of opened door. See Figure 9b.
- 8. Adjust levelers up or down until dishwasher is level.

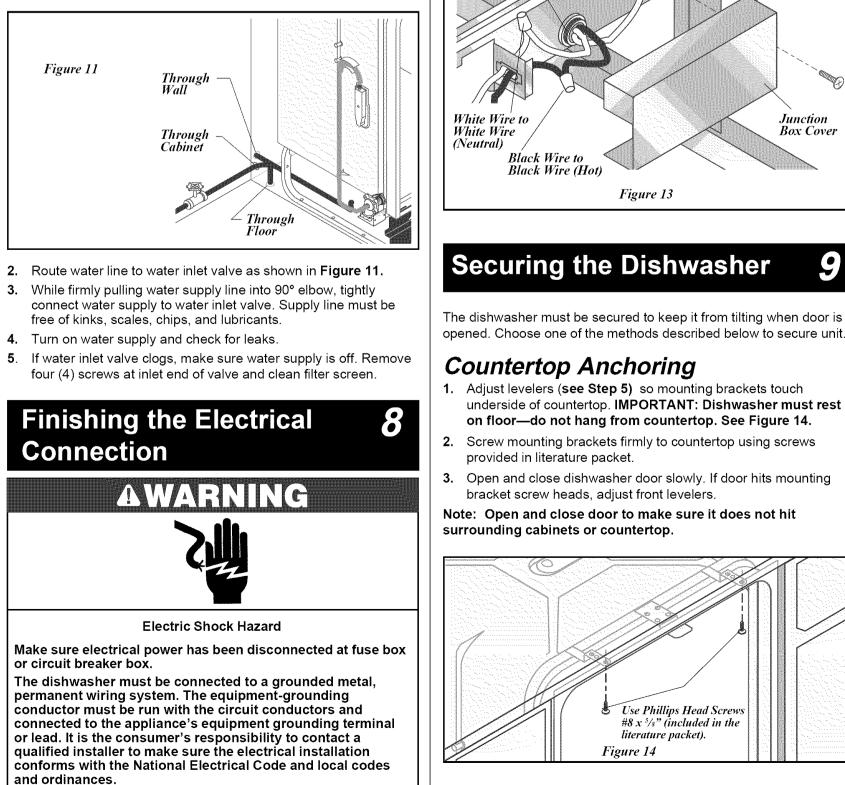
# Finishing the Drain Connection

# AWARNING

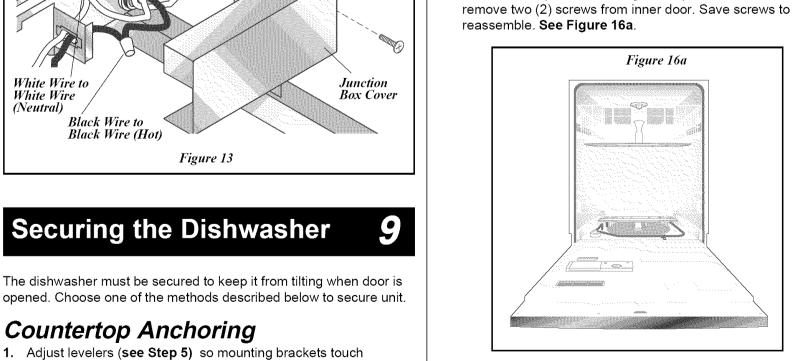
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**Electric Shock Hazard** Plumbing material and drain hose must not come in contact with wiring or electrical components. Failure to follow this warning could result in personal injury from exposed wiring.

- **1.** Pull out unit and check to see if drain hose is correctly attached to the drain pump assembly. If drain hose *is not attached* to drain pump, follow the instruction sheet (included with drain hose) on how to correctly install the drain hose to the drain pump assembly.
- 2. Move unit back in place while routing drain hose through access hole. Use caution to prevent damage to the dishwasher, floor and cabinets. IMPORTANT: Make sure there are no sharp bends or kinks that might restrict drain flow.
- **3.** Secure drain hose to sink drain, disposer, or separate trap with a clamp. IMPORTANT: Be careful not to overtighten clamp or you may damage end of hose. Do not connect hose to horizontal pipe between sink drain and disposer.
- 4. Be sure unit does not rest on drain hose. It should be free of electrical components and door springs. Do not cut corrugated drain hose. Pull excess through cabinet and place under sink. Make sure hose does not come in contact with any sharp edges. See Figure 10.



- 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.
- Joining aluminum building wire to stranded copper wire should be done by a qualified electrician using materials recognized by UL and local codes. This unit has copper lead wires.
- 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.



Use Phillips Head Screws

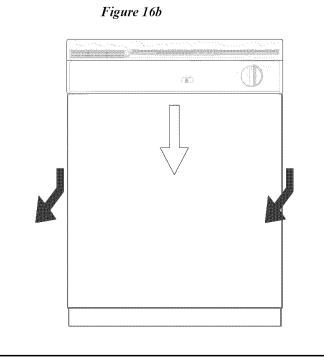
#8 x 5/s" (included in the

literature packet).

Figure 14

- 2. Close and latch door while holding both sides.
- 3. Place one hand on each side of door and pull down at top approximately 1/4". Pull entire door assembly toward you to remove. See Figure 16b.

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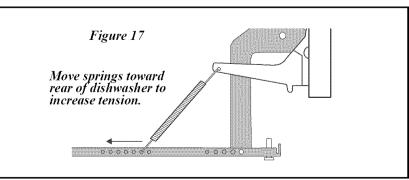
4. Place door where it will not get scratched or damaged while completing installation.

#### 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.

## 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 setting allows door to remain horizontal in opened position, yet will rise to close with slight lift fo finger.
- 3. If necessary, increase tension by moving springs to a hole toward rear of unit or decrease by moving them toward front. See Figure 17.



4. Turn electrical supply on

### Operate 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.

