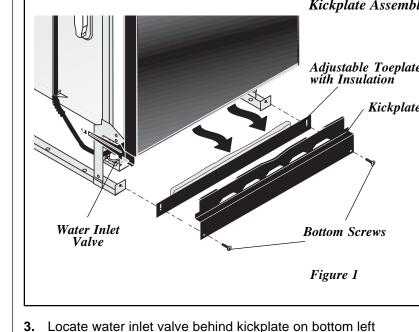
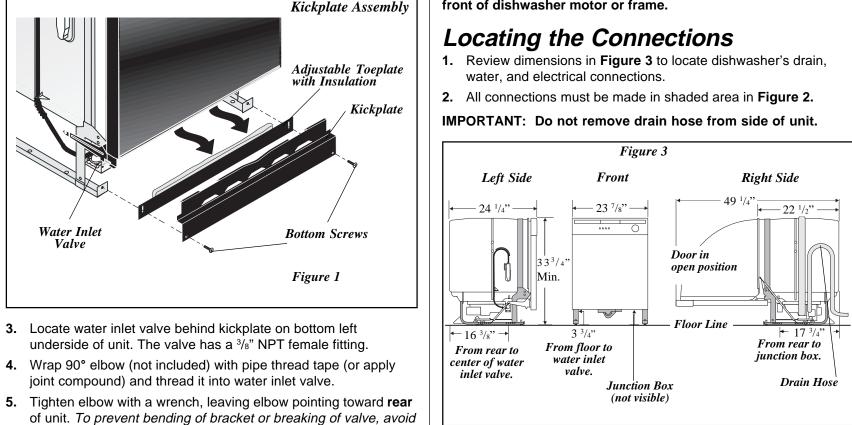


## Tools and Materials Needed for Installation

- Drill, Electric
- Driver, Socket 3/16, 1/4, 5/16

- Level
- Pipe Joint Compound (for iron pipe plumbing) or Pipe Thread Tape (for sealing threads)
- Pliers
- Safety Glasses
- Saw, Keyhole or  $\frac{1}{2}$ ,  $1\frac{1}{2}$  to 2" Hole Cutters
- 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)





2. If you connect to a sink drain, entry will need to 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.

# Leveling Dishwasher within Cabinets

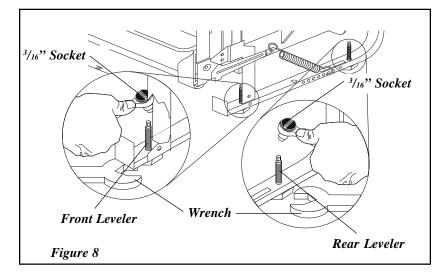
Measure height of cabinet opening from underside of countertop to floor. Check chart for height opening and suggested adjustment.

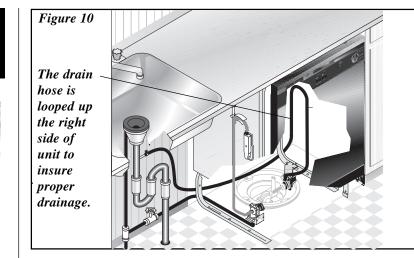
Leg Leveler Adjustment Chart	
Height of	Number of Turns to
Cabinet Opening	Adjust Levelers
34" (86.4cm)	0
341/8" (86.7cm)	2
34 <sup>5</sup> /16" (87.2cm)	6
34 <sup>1</sup> /2" (87.6cm)	9

For additional height add shims under levelers.

#### 2. Move dishwasher to front of installation area.

**3.** Loosen the front and rear leveling legs by turning counterclockwise. Refer to chart for number of turns. See Figure 8. Front levelers should allow 1/4" below underside of countertop.





joint compound) and thread it into water inlet valve.

overtightening.

5

Note: Do not remove hose from attachment.

# **Finishing the Water** Connection

# **A CAUTION**

7

**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.

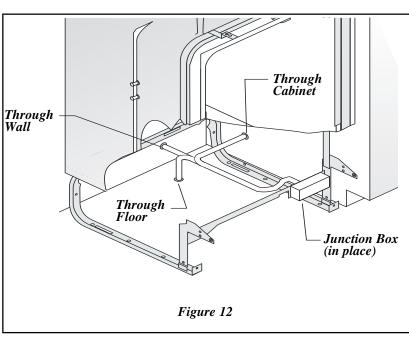
#### Water Line

**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**

- 1. 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.



- **3.** Inside junction box, attach ground wire under head of grounding 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 tiaht

Ground Wire

9

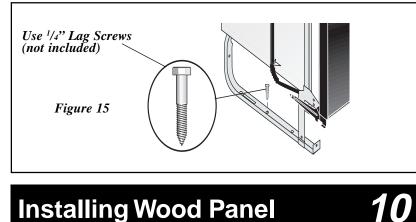
5. Replace junction box cover. See Figure 13.

#### Strain Relief (not included) 1/2

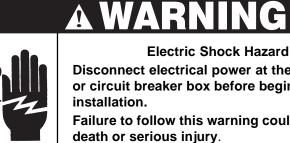
## Floor Anchoring

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.



Installing Wood Panel **Removing & Replacing Door** 

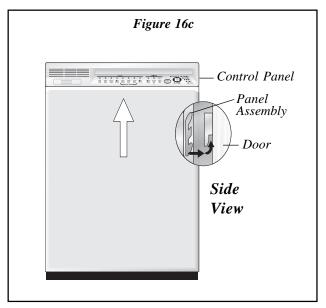


#### Disconnect electrical power at the fuse box or circuit breaker box before beginning Failure to follow this warning could result in

# **A CAUTION**

- 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.

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

#### **Checking the Installation** 11

Before starting the dishwasher, check these items:

- All packing materials and consumer literature have been removed from unit.
- Dishwasher is level and securely fastened.
- Water and drain lines have no kinks Wiring connections to junction box are tight Water supply is turned on. Joints are free of leaks.

- 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.

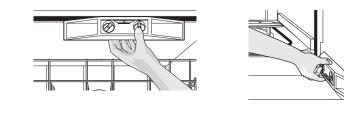


Figure 9a

7. Check that dishwasher is level from front to back by placing level on side of opened door. See Figure 9b.

Figure 9b

6

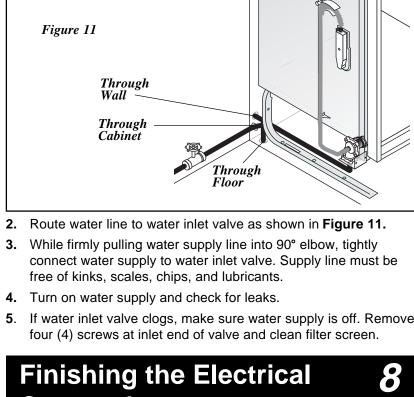
8. Adjust levelers up or down until dishwasher is level.

# **Finishing the Drain** Connection

# A WARNING

**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 move 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.
- 2. 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.
- 3. 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.



5. If water inlet valve clogs, make sure water supply is off. Remove

# Connection

# 



#### **Electric Shock Hazard**

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

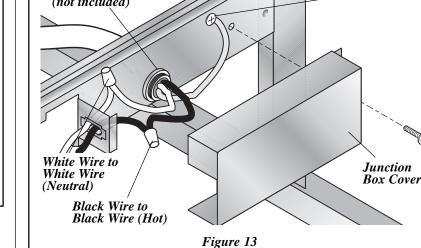
The dishwasher must be connected to a grounded metal, permanent wiring system. The equipment-grounding conductor must be run with the circuit conductors and connected to the appliance's equipment grounding terminal or lead. It is the consumer's responsibility to contact a qualified installer to make 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. This unit 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.

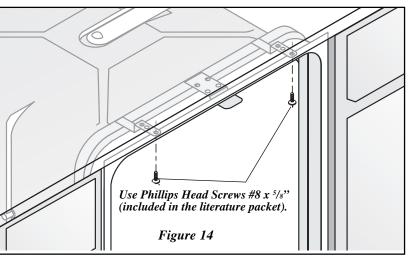


# Securing the Dishwasher

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

## Countertop Anchoring

- 1. Adjust levelers (see Step 5) so mounting brackets touch underside of countertop. IMPORTANT: Dishwasher must rest on floor-do not hang from countertop. See Figure 14.
- 2. Screw mounting brackets firmly to countertop using screws provided in literature packet.
- **3.** Open and close dishwasher door slowly. If door hits mounting bracket screw heads, adjust front levelers.

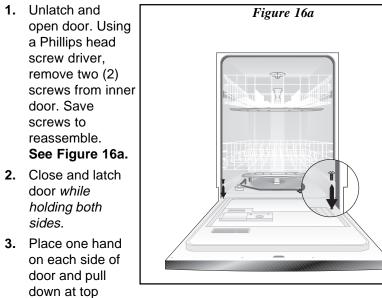


# To Install a Custom Wood Panel

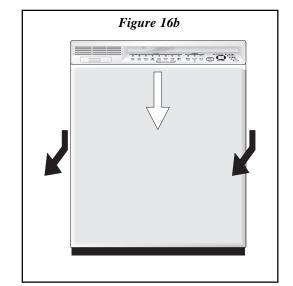
The dishwasher door panel can be customized to match wood cabinets. This will require a kit that includes a mid-door with side and bottom trim, heavy duty door springs and instructions. Order kit based on the color of side trim desired.

- Part No. 154310301 has white trim
- Part No. 154310302 has almond trim.
- Part No. 154310303 has black trim
- These kits are available from your dealer or parts supplier.

## To Remove and Replace Outer Door

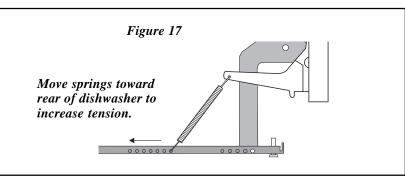


approximately 1/4". Pull entire door assembly toward you to remove. See Figure 16b.



# **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 of 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



Electric Shock Hazard If all connections are correct, there are no leaks, and unit runs properly, replace the kickplate assembly before placing unit into operation. Failure to follow this warning could result in electric shock.