

## 5

## Dishwashers



Install **dishwashers** during the **trim out phase** of construction.

**Drill** a hole in the side of the sink cabinet facing the dishwasher **bay**. **Route** the copper tubing through the hole. Connect the copper tubing to the **hot water valve**.

Remove the plate at the bottom of the dishwasher. Attach the **electrical hook up** and **drain hose**. Route the drain hose through the side of the cabinet.

Attach the drain hose to the garbage disposal under the sink. Use **strapping** to secure the hose to the back of the cabinet wall. The arc in the hose must be higher than the drain inlet. This prevents **backflow**.

Slide the dishwasher into the bay. Adjust the height of the dishwasher. The **mounting brackets** need to touch the bottom of the countertop. Secure the dishwasher by putting screws through the brackets. Test the dishwasher to make sure it runs properly.

1 What is the purpose of the instructions?

- A to compare installation methods
- B to list the steps of dishwasher installation
- C to explain the tools needed for dishwasher installation
- D to describe safety measures for installations

2 What is NOT true according to the instructions?

- A The drain hose connects to the garbage disposal.
- B The dishwasher needs to be tested by the installer.
- C The copper tubing is attached to the hot water valve.
- D The mounting brackets are on the bottom of the dishwasher.

3 What holds the drain hose to the cabinet wall?

- A screws
- B tubing
- C strapping
- D brackets

**3 Match the words or phrases with the definitions (A-E).**

dishwasher   drain hose   hot water valve   trim out phase   electrical hookup

A a tube that drains water out of an appliance

B a connection that provides power to something

C a device that controls the flow of water

D a machine that cleans dishes

E period during construction when appliances are put in

**4 Read the sentence pairs. Choose which word or phrase best fits each blank.**

route

drill

A) I need to  a hole in the board.

B) We need to  the tube under the sink.

bay

backflow

A) The  isn't large enough for the dishwasher.

B) An air gap prevents  in your drain hose.

strapping

mounting bracket


A) The  is on top of the dishwasher.

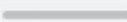


B) The plumber used  to hold the hose up.

cabinet disposal strapping garbage

The drain hose needs to be attached to the   
. Then the hose needs to be attached to the  
 wall with .

## Listening

6  Listen to a conversation between a plumber and a customer. Mark the following statements as *True* or *False*.

▶ 0:00 / 0:00   

1 A pipe is leaking under the sink.

True

False

2 The plumber thinks a washer is the problem.

True

False

3 The customer will fix the leak himself.

True

False

**Plumber:** Thank you for calling A-1 Plumbers. This is Pam. How can I help you?

**Customer:** I seem to 1)    under my kitchen sink. It looks like water is dripping from a hose.

**Plumber:** Can you 2)   what the hose is?

**Customer:** I'm pretty sure it's the 3)   for the dishwasher.

**Plumber:** OK ... is the water dripping from where it connects to the 4)  ? Or is it dripping from the actual hose?

**Customer:** It's dripping from 5)   .

**Plumber:** I'm guessing the rubber washer between the hose and the disposal is the problem. It probably needs to be 6)   .

**Customer:** Is that difficult to do?

**Plumber:** No, not at all. So, here's what we can do. I can come out and take care of it. Or I can tell you how to do it yourself over the phone.

**Customer:** Hmm ... I think to make sure it's done right, you should do it.