

Interior Door Unit Installation Instructions

Tools Required:

6' Construction Level
Hammer
Hand Screwdriver
Framing Square
Tape Measure
Nail Set
Safety Glasses

Supplies Required:

Wood Shims
#10 Finish Nails

Step 1: Remove Packaging and Inspect Door Unit

- A. Score around current casing with utility knife, carefully removing the interior trim. Set aside trim for use later.
- B. Remove the existing door, frame, and jamb.

Step 2: Rough Opening Preparation

- A. Temporarily fit the unit into the opening to check for proper fit. The opening size should be 1/2" larger than the door unit, both height and width.
- B. Check the wall framing for plumb and square. Use a 6' level to check both the inside and outside of the opening top to bottom and right to left to ensure that the opening is plumb and square. Check the floor for level. Correct any out of square/plumb conditions before proceeding to the next step.
- C. Note: Out of square/plumb wall framing conditions are one of the most common reasons for door problems.

Step 3: Setting and Fastening the Unit (Flat Jamb) – For Split Jamb – See Step 3B

- A. Position the door unit into the opening and level the hinge side of the jamb. Shim the hinge jamb behind each hinge location. Recheck for plumb and square. Temporarily secure the hinge jamb into the opening using #10 finish nails. Nail through the stop, jamb and shims at each shim position. Do not set the nails at this time.
- B. Level the strike side of the jamb and temporarily fasten in the same manner as the hinge jamb.
- C. Shim and temporarily fasten the jamb head in the same manner.

- D. Recheck the door unit for plumb and square. Check for an even margin between the door slab and jamb. Check operation. Nail securely in place through the stop, jamb and shims every 12 inches using #10 finish nails.
- E. Cut and trim shims.
- F. Install door casing and secure with #10 finish nails every 12 inches. Set and fill all fastener holes. Your door is now ready for finishing.

Note: Proper frame shimming and fastening are critical to the long-term trouble-free operation of your unit.

Step 3B: Setting and Fastening the Unit (Split Jamb)

- A. Check for Level: The first step is to check the floor under the jambs for level. A 32-in. spirit level and a graduated shim make it easy to see how much the floor is off.
- B. Trim the Jambs: If the floor is out of level, cut one of the jambs a corresponding amount shorter than the other jamb. If a tile or hardwood floor will be installed later, raise the jambs with scraps to match the floor's final height.
- C. Try the Fit: Confirm that the hinge-side jamb can be made plumb in the opening. Then remove the door and pull out the duplex nail or hardware holding the door to the jambs. Replace it with a single finish nail.
- D. Casing Holds the Door Plumb: Plumb the door with a level held along the casing leg, and drive 2-1/2-in. finish nails through the casing into the jack studs and header.
- E. Free the Door: Use a fine-tooth hacksaw blade held in a gloved hand to cut through the finish nail that holds the door closed. Go slowly so that you don't damage the jamb or stop.
- F. Shims Steady the Jamb: Use 3-in.-wide shims (held vertically) to take up the space between the jamb and the rough opening. Tack the shims in place but keep the nails away from the groove so that you can install the tongue side of the jamb later.
- G. Join the Jamb: Starting at the top, slip the remaining half of the split jamb onto the half already in place, and secure it by nailing through the stop and casing.
- H. Screw Through the Hinges: It's a good idea to swap one of the short screws in each hinge with one that goes into the framing. Plan for this because 2-1/2-in. #9 wood screws in the correct finish are tough to find.

Note: Proper frame shimming and fastening are critical to the long-term trouble-free operation of your unit.