



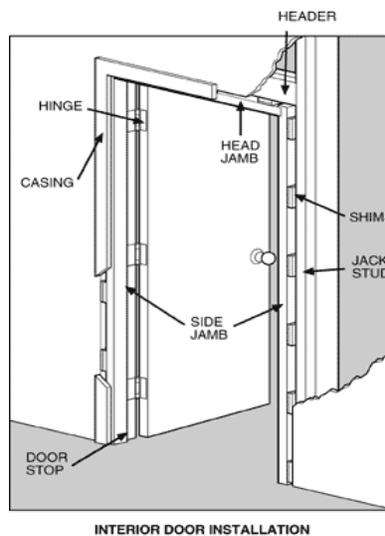
PREHUNG INTERIOR DOOR INSTALLATION

Although prehung door units cost a little more, homeowners and builders alike often find the convenience and finished product well worth the difference in price. Prehung interior doors come pre-milled, hinged and framed. They are installed after the framing and sheetrocking. If the rough opening is square and plumb, the job is much easier.

BEFORE YOU START

Make sure you have the necessary tools and materials including:

- a. Tools: goggles, hammer, hand saw, 3-4' level, nail set, pencil, utility knife.
- b. Materials: 4d finishing nails, 8d finishing nails, wood shims.

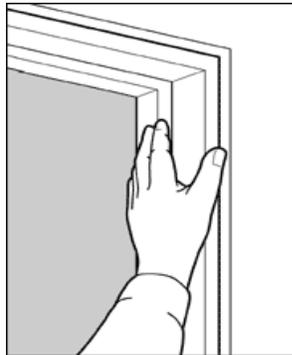


Preparing The Opening

- After removing the old door from its hinges, remove any remaining moulding around the existing door and the old doorframe.
- Inspect the studs for water or insect damage. If the framing is damaged, consult a contractor.
- The MDI recommended rough opening is 2 1/2" greater than the door slab size in width and height. The rough opening should be a minimum of at least 1" wider and 1/2" higher than the outside dimensions of the new door frame unit.

Installing The Door Unit

- Prehung doors come in a standard jamb width of 4-9/16". Additional jamb sizes are available to accommodate the thickness of your walls. Please consult your MDI retailer for more information.
- Remove any protective packing material from around new door unit. Do not remove the restraining brackets that hold the door closed.
- Slide the new door unit into the rough opening bottom end first and tilt it into place. Position the door unit in the rough opening so the edges of the jambs are flush with the wallboard.



POSITIONING THE DOOR UNIT

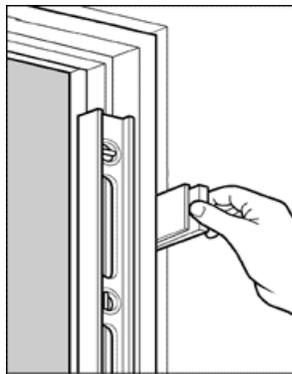
Visually center the top jamb in the opening and making sure the hinge side jamb is plumb.



PLUMBING THE JAMB

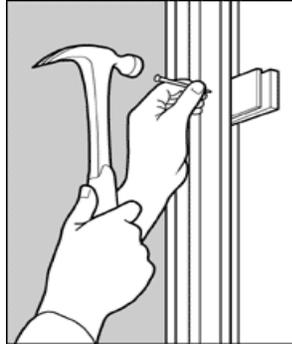
- Level the top jamb and tack it in place using two 4d finishing nails driven partway through the frame and into the header.

- Check the base of the frame to make sure it will fit with the finish flooring. If the finish floor has been installed, the jamb should fit snugly but not so tight that it bows the frame. If the finish floor has not been installed, measure and mark each side of the frame from the subfloor 1/2" (depending upon the thickness of the carpet and pad, tile or wood floor) and 3/16" for vinyl floor covering. NOTE: If the thickness of floor coverings in the adjoining rooms is different, mark and cut each side of the jambs accordingly to accommodate the materials (i.e. vinyl in one room and tile in the adjoining room).
- Carefully pull the two nails without marring the jamb and remove the door unit. Cut and sand the jambs as marked. REMEMBER: "Measure twice, cut once."
- Reposition and center the door unit in the opening. Level the top jamb and tack it in place as before.
- Holding a level along the hinge jamb, drive pairs of wood shims from opposite directions into the space between the jamb and the stud at each hinge point.



INSERTING SHIM PAIRS

Drive a 8d finishing nail through the jamb, shims and partway into the stud at each hinge point. Do not drive the nails home yet. Check for plumb and adjust as necessary.



NAILING THE JAMB

- Close door and drive an additional pair of shims in the space between the jamb and the stud at the lockset and then near the top and bottom of the jamb. Check the jamb for plumb.
- Open and close the door to make sure it operates freely. Check to make sure it fits evenly at the top and sides with a 1/8" margin. The door should not swing open or closed on its own. Remove and adjust shims as necessary.
- After ensuring that the frame is level and plumb, drive pairs of shims along the side and top jambs so they are spaced every 12". Make sure not to bow the jambs. Install provided (2) 2 1/2" hinge screws into top hinge to secure weight of door panel to stud on hinge side to avoid future sagging of door.
- Drive an 8d finishing nail through the jamb and each pair of shims into the stud. Use a nail set to drive all the nail heads just below the surface of the wood.

Completing The Installation

- With a handsaw or utility knife, cut the shims just below the wall surface.
- Position the trim assembly without nailing it. Carefully measure and mark it to match the depth of the floor coverings as with the doorframe.
- Remove, cut and smooth the end cut with sandpaper. Reposition trim and tack in place with 4d finishing nails. Align the trim and nail in place every 16 inches with 4d finishing nails using a nail set to drive nails just below the surface of the wood.
- Paint or stain the door and trim as desired. Be sure to follow the paint or stain manufacturer's directions explicitly.
- Install the lockset according to the lockset manufacturer's directions.



Installing Interior Double Doors

Installing a double door is nearly the same as a regular door unit. However, before securing the unit with nails, check to make sure both doors fit flush and there's an even gap of 1/8" between both doors. In the case of a double door that utilizes an astragal (the vertical piece which separates the doors), make sure there is an even gap of 1/8" between the most active panel and the astragal. Drive the provided 2 1/2" screws into the top and middle hinges of the most active door.