Check your rough opening dimensions. The rough opening height should equal the door height plus 2 ½". The rough opening width should equal the door width plus 2 ".

Check the opening for plumb and square. Check both walls for plumb (fig. 1) and all four corners for square in the rough opening (fig. 2). Make the necessary corrections prior to installing the door unit. If the opening is not plumb the door will not hang correctly.

Remove the packaging materials from the door. This includes any banding, boxes, sleeves, and bracing boards. (fig. 3) Leave the door plug installed at this time.

Separate the two halves of the frame by removing the small staples holding the frame together (fig. 4). Set the non-door side frame aside for later use (fig. 5).
3) Setting the Door Unit

a) Set the door unit, centered into the rough opening (fig. 6). Use one 4d finishing nail at the top of the casing to hold the unit into place about 12” from the top of the casing on the hinge side (fig. 7).

b) Use a utility knife to remove the door clip and carefully open the door (fig. 8).

c) Shim behind each of the three hinge locations (fig. 9) until the jamb is both plumb and square on the hinge side (fig. 10).

d) Once the unit is plumb and square, drive one 6d finishing nail through the frame and hinge shim and into the stud wall for each shim location (fig. 11). Note: Do not nail through the stop.

e) Close the door unit and shim the strike side in three locations directly opposite of the hinge side shims until the door reveal is even from top to bottom of the door unit (fig. 12).

f) Open the door and place one 6d finishing nail through the jamb and shim and into the stud wall for each shim location (fig. 13). Note: Do not nail through the stop.
4) Installing the Frame

a) Once the shim locations are nailed in place, cut each shim location flush with the first half of the frame (fig. 14).

b) Using the second half of the frame, (set aside in Step 2), carefully slide the two halves of the frame together. Push the frame into place until the casing is tight against the wall around the entire perimeter of the frame (fig. 15).

c) Using 6d finishing nails, nail both halves of the frame together by nailing directly through the center of the stop. Place one nail in each shim location (fig. 16).

d) Open the door unit and remove two of the top hinge screws. Replace these with (2) #8 x 2 ½” construction screws. This will help prevent the door from sagging over time (fig. 17).

e) Finish by nailing the casing to the wall on both sides using 4d finishing nails (fig. 18). Note: For a more finished look, use a nail set and a hammer to countersink the nail heads. Use a matching filler to fill all nail holes (fig. 19 & 20).

5) Installing the Lockset

a) All Mastercraft doors are set up with a 2 1/8” bore hole set at either a 2 3/8” or a 2 3/4” backset (depending on door type). All crossbores are set for a 1” drivepoint latch. This is done to allow installers to utilize drive point latch systems, radius plate systems, or square plate systems (fig. 21).

b) To install the backset as a drivepoint system, simply follow the lock manufacturer’s instruction for converting to a drivepoint. Hammer the drivepoint into place making sure the angled portion of the backset faces the jamb (fig. 22).

c) Using the manufacturers instructions, install the lockset (fig. 23).

d) Install the strike plate on the jamb. Our jambs are mortised for a ¼” radius strike plate. If the lock manufacturer has supplied a square plate, mark the outside edge (fig. 24) and use a chisel to remove the excess wood material from around the corners of the plate (fig. 25).

6) Finishing the Door Unit

Apply a minimum of two coats of paint, varnish, or sealer to all exposed wood surfaces as directed by the manufacturer of the finish materials. Avoid applying sealers to any vinyl or non-wood parts.

7) Disposal of Waste Materials

For proper handling and disposal of construction waste materials please consult your local building codes. Additional disposal recommendations can be found on the EPA website at www.epa.com

Questions or Concerns: For guest assistance contact MASTERCRAFT® by sending an email to: MastercraftDoorHelp@MidwestManufacturing.com

For more information, including troubleshooting help and videos, please visit: www.MastercraftDoors.com