Check your rough opening dimensions. The rough opening height should equal the door height plus 2-1/2". The rough opening width should equal the door width plus 2".

Check the opening and both walls for plumb and square (fig.1 & 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 banding, boxes, sleeves, and bracing boards (fig.3). Leave the door clip installed in the door at this time for ease of installation (fig.4).

Install one door hanger flush with the top of each hinge (fig.5).

Install three more door hangers on the strike side of the jamb directly across from the locations of the hinge side hangers. (fig.6).

Flip the door over and install three more door hangers to each jamb directly in line with the first six hangers (fig.7).

Using a pliers, bend the six clips on the non-hinge side (applied in step 5) so that they are parallel with the jambs (fig.8 & 9).

Draw a plumb line approximately 1/2" in from the rough opening on the hinge side of the door (fig.10 & 11).
8) Set Door Into Rough Opening and Secure Hinge Side

a) Set the bottom of the door unit into the rough opening and tip the top of the unit into place (fig. 12). Looking at the top hinge, center the middle notch on the door hanger directly in line with the plumb line drawn in Step 7 (fig. 13). Once the notch and the plumb line are in alignment, run one of the supplied 1-5/8" screws through the long slot in the hanger and into the stud wall (fig. 14).

b) Repeat this process for the next two hinge locations making sure to align the same notch from the remaining two clips with the plumb line. Run one screw into each of the hangers.

9) Securing Strike Side

a) Starting with the top door hanger on the strike side, check the margin between the door and the strike jamb. The margin should equal 1/8" (fig. 15). Adjust the jamb accordingly by loosening the screws on the door hangers and slide the door unit in or out until the margins are even. Once the margin is even, run one 1-5/8" screw through the center of the door hanger slot (fig. 16).

b) Repeat this process for the remaining two door hangers on the strike side.

10) Secure Exterior Side Hangers

a) Next, using a hammer, tap the six door hangers on the exterior side of the door back to their original position so that they are tight against the wall surface (fig. 20 & 21).

b) Run one 1-5/8" screw into each of the six door hanger locations (fig. 22).

11) Install Shims

Place shims directly behind each of the three hinge locations. Keep the shims as flat as possible during the installation in order to prevent twist on the jambs (fig. 23).

Note: Door units are heavy. If this step is not performed, the door slab may sag in the opening over time.

Position shims to keep them as flat as possible

12) Secure and Finish Shims

a) Remove one hinge screw from each of the hinges on the hinge jamb. Replace the screws using one 2-1/2" construction screw for each hinge. The screw should pass through the hinge shims and into the rough opening stud (fig. 24).

b) Use a hammer to remove all excess shim material and recheck margins (fig. 25).

13) Remove Door Clip

a) Remove the door clip by grasping the piece in the center of the bore hole and pulling towards the hinges (fig. 26).

b) In the event the door clip seems stuck, use a pair of pliers to firmly grasp the piece in the center of the bore (fig. 27).

c) To remove the clip, you will need to open the door, and pull the clip out of the cross bore (fig. 28).
**14a) Preparing 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). Non edge prepped 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. 29).

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. 30).

The edge prep option on your interior door will come with a pre-routed pocket for the crossbore (fig. 31). The edge prep is bored 1”w x 2-1/4”h at a depth of 1/8” to fit most factory supplied locksets with no adjustments needed. (fig. 32).

**14b) Installing the Lockset**

a) Using the manufacturers instructions, install the lockset (fig. 33).

b) Install the strike plate on the jamb. Our jambs are mortised for a 1/4” radius strike plate. If the lock manufacturer has supplied a square plate, mark the outside edge (fig. 34) and use a chisel to remove the excess wood material from around the corners of the plate (fig. 35).

**15) Apply Casing**

Apply casing to the unit as desired. (fig. 36).

**16) Finishing Recommendations**

Our wallcovering department carries all the quality products you need to finish your new door. Choose from a complete line of sandpaper, stains and finishing products to give your project that professional look. Remember, always follow all the manufacturer’s finishing instructions.

1.) Surface must be clean and dry. 2.) Lightly sand and clean door of all dust and debris. 3.) Apply a first coat of oil-based stain, polyurethane, conditioners or primer (oil-based is required) to all six sides of the door and jamb. 4.) When first coat is dry, lightly sand and then clean surface. Once the oil-based primer has properly dried, a latex or water based paint can be applied. 5.) Apply at least one finish coat. Allow ample drying time between coats.

IMPORTANT: Water-based stain, polyurethane or conditioners are not recommended. Only oil-based stains, polyurethane or conditioners should be used. Apply a minimum of two coats of sealer to all six sides of the door. Carefully follow all paint manufactures preparation and finishing instructions. Do not close the door until the paint is completely dry.

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

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