

Installation Instructions

1. Verify that the rough opening (r/o) is at least ½" wider than the outside of frame dimensions on both sides of the outside of the jamb and ½" taller than the height. If the opening is less than ½", the mounting tabs will have difficulty clearing the buck or jack stud even if the r/o is square and plumb. If you are outside of a hurricane zone you may choose to increase the opening to ¾" clearance on the sides and height of the door. Hurricane zones mandate the ½" clearance.
2. Make sure the framing surrounding the door is solid and free of movement. If the walls surrounding the door are not properly secured, this could allow for unwanted movement of the door after it is installed in the r/o. This could result in the door not operating properly. Tap cons should be every 12" around the opening.
3. Check the r/o for any security wires that may need to be installed into the jamb of the door and the slab. Drill and install wires and contacts as necessary.
4. Check the height of the finished floor in relation to where the sweep on the door slab will be, in an in-swing door is used. It may be necessary to raise the area under where the threshold of the door will rest. Keep in mind any rugs or floor coverings the customer is considering placing at the interior entrance area of the door and allow for clearance of the door slab and the sweep.
5. Place the door jamb, or frame, in the r/o. Make sure the threshold portion of the frame is resting completely flat on the subfloor and that no debris is under the jamb.
6. After making sure the jamb is plumb, mark on the sheetrock where the mounting flanges will mount. It will be necessary to remove the sheetrock behind the flanges so the lag bolts do not hinder the ability to install casing on the inside after the door is installed.
7. Remove the door frame and run two thick beads of high-grade caulking where the door will sit. Make sure the edges are caulked thoroughly.
8. Set the frame back into the opening.
9. You need to pre-drill pilot holes through the diagonal slot in the mounting tabs for the lag bolts to keep the studs from splitting, which would weaken the integrity of the installation. The pilot holes should be positioned in the center of the buck or jack stud. Now you are ready to secure the jamb into the r/o with the bolts through the mounting in the lower tab on one side and the upper tab on the opposite side. Even though the jamb is 12 gauge steel, it is still possible to rack the frame. **DO NOT** secure lags in all tabs before hanging both door slabs. Doing so will almost certainly adversely affect the operation of the door, in which case you would need to remove the lags from the bucks, fill the holes with hardwood dowels, and then reinstall the door according to these instructions.
10. Now would be a good time to place the slabs onto some secure saw horses or other method of raising the slab up to help prep the slab for installation. Make sure to protect the surface of the door by putting a moving blanket or carpet on top of whatever the doors will be resting on. Now that the doors are resting securely on your 'work station', it is time to install the sweeps on the bottom of the slabs.
11. Install the sweeps onto the bottom of the slab in the method shown in.
12. You are ready to hang the slabs on the hinges. Apply grease to the barrel of each hinge. It will allow the door slabs to be installed easier and will provide ease of operation.
13. You may want to remove the scrolling from the slabs to make the door lighter, and easier to handle when hanging the doors. Placing the slab on the hinges is best done with two installers. NOTE: Pay close attention to where you handle the door, especially if you are holding the door by its scroll work. The scroll work could become bent or damaged if pressure is applied in the wrong fashion. Also, you may consider placing small pieces of cardboard around the area of the hinges to prevent scratches.
14. Shim the door frame so that reveals between the slabs and frame are consistent. This will square the frame in the opening. Check the door frame to assure it is plumb in the opening. If the door slabs move on their own their own when in an open position then washers will need to be applied behind upper or lower mounting tabs in such a way that brings the door to plumb. You are now ready to secure the remaining lag bolts.
15. Once the slab(s) is on the hinge, install the scrolling back onto the slab and secure the scrolling with the Allen screws on the side of the strike stiles.
16. All that is left is to install the door's handle(s) (using handle manufacturers' instructions) and you are ready to enjoy your iron door from Majestic Entries, LLC.