

CARRIAGE DOORS INSTALLATION (*Aluminum Threshold*)

Note: Strike plates and/or jamb drilling are not done by RealCraft. This is because jobsite conditions can affect the strike plate and strike plate prep is best done by the installer for the most secure and precise fit.

Prior to installation, doors must be stored horizontally off the floor with cross support in a climate controlled environment. Recommended storage conditions: humidity between 25% to 55% and temperature of 50 to 90 degrees Fahrenheit. Improper storage of doors prior to installation may result in warping.

What you'll get:

- Two Door Slabs
- Door Jamb (may ship unassembled due to unit size)
- Hinges
- Aluminum Threshold
- Astragal (wood piece attached to the meeting edge of a pair of doors to seal the gap.)



QUESTIONS?

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Things you will need:

- Level (at least 6ft long)
- Drill & bits
- Shims
- 3" Screws
- Hammer or mallet (mallet is kinder to wood)
- Pry bar
- Tape measure
- Caulk/Silicone
- Nails
- Airbag
- Utility knife (for removing glass protection)
- Chisel (for adjusting hinge notches)

HOW TO INSTALL YOUR DOORS



Step 1. First, measure and confirm the rough opening size. Next, assess the assembled jamb dimensions to ensure it fits the rough opening accurately.

Step 2. Assemble the jamb using the pre-drilled holes.



Step 3. Place the jamb in the opening, securing with shims for a snug, even fit. Confirm it's square by ensuring diagonal corner-to-corner measurements match. Check jamb legs for plumb with a level so your doors are easier to hang.



Step 4. Use mallet to ensure the unit is plumb. Check with a level and measuring tape to ensure that the unit is square and plumb. Secure jamb with at least one screw 3 inches long behind the weatherstripping at the top hinge and bottom hinge.



Step 5. Screw the hinges onto the jamb and onto the door slabs with two screws per hinge. Do not fully tighten the screw so that you can adjust the hinges if necessary.



Step 6. Use the airbags to line up the hinges on the door and jamb, then set the pin in place. You may need to continue adding shims at this point. Once all hinges are in place, tighten the screws. Insert all hinge screws.



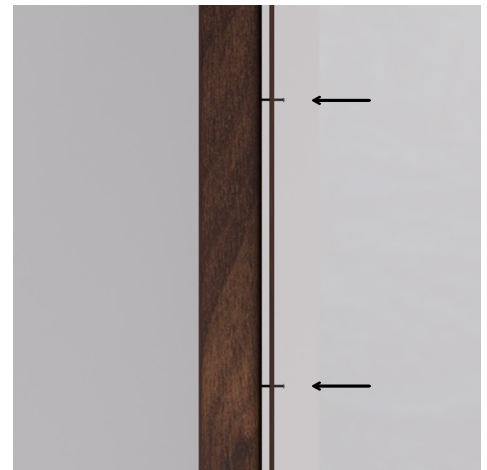
Step 7. Ensure the doors fit correctly by closing them and adjusting shims for the best fit and even gaps. Maintain an equal gap between door slabs at top and bottom. Adjust using shims/hinges until gapping is uniform. Finally, check for any binding issues.



Step 8. Screw or nail the jamb to the studs behind the weatherstripping, so that the screws are concealed. Screws recommended. Place shims where you screw through the jamb.



Step 9. Cut and test fit the aluminum threshold. Once the threshold has been test-fitted, apply at least three beads of silicone to the subfloor and set the threshold firmly in place.



Step 10. Attach the astragal over the gap between the doors using screws, centering it for an optimal fit.

For outswing doors: attach it to the active door (the door with the handle) on the outside.

For inswing doors: attach it to the active door on the inside. The astragal conceals the gap, enhancing security and weather sealing.

Note: if you are installing an automated opener, wait to add the astragal until after you've installed the opener.

CANE BOLTS: The top and bottom cane bolts secure the passive door from the interior when closed. In most cases, we recommend an offset cane bolt for the top (to clear the weather-stripped jamb) and a straight cane bolt for the bottom. Alternatively, a straight bolt at the top with a mounting block will accommodate the weather stripping.