

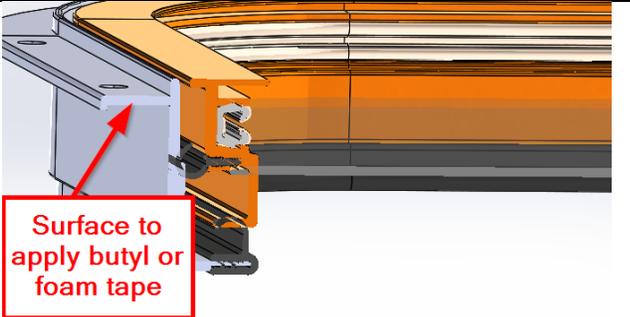
Challenger Door

3300 Series Installation Guide

Date: 4/17/20

BY:AWY

****Be sure to check that Rough Opening measures to the size stated on the door label, and is square and even on all sides. Challenger Door sizes doors to properly fit whatever opening our customer has. Be sure that the opening has proper framework supporting it (ie; aluminum/steel tubing or lumber). For any clarification on how to measure Rough Opening visit <https://www.challengerdoor.com/measure/> ****

Tools and Supplies needed	<ul style="list-style-type: none">- screw gun- #8 or #10 screws 1" to 1½" long- closed cell foam tape or butyl tape- water sealing caulk and caulk gun- plastic or wood shims 1/8" to 3/16" thick.	
Place door in rough opening	<ol style="list-style-type: none">1. Clean out and install closed cell foam or butyl. This helps to insure a tight seal once door is installed.2. Place door in opening tight to the bottom and centered from side to side.	

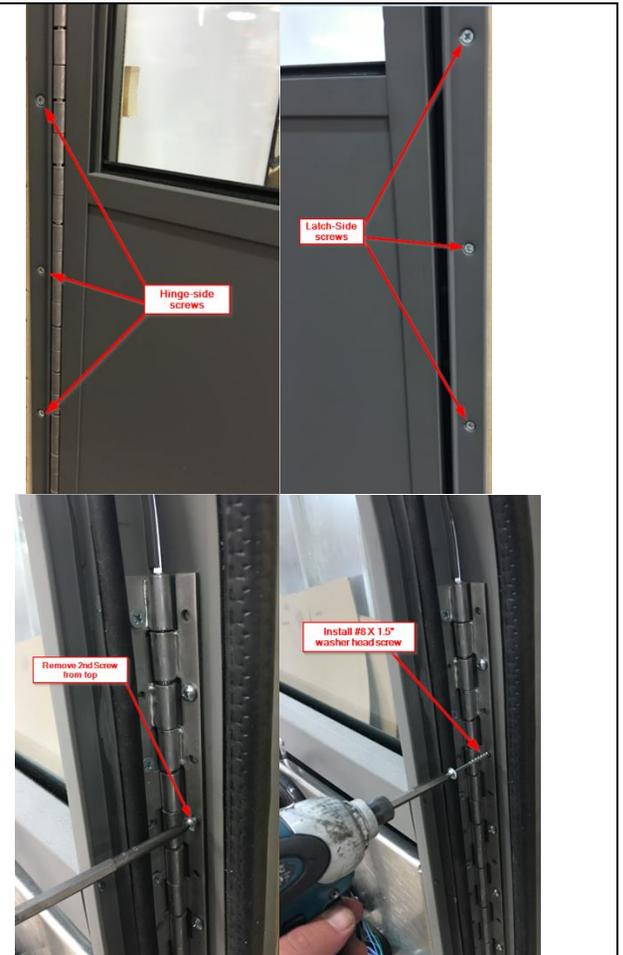
Secure door into opening

****Be sure all screws are driven in straight****

1. Drive the first three screws in the middle holes on the hinge side of the frame.
2. Drive the next three screws in the middle holes on the latch side of the frame.
3. Then finish attaching the hinge side of the flange, followed by the lock side, and then the top and bottom.

****all shims need to be secured through the frame to keep them secure****

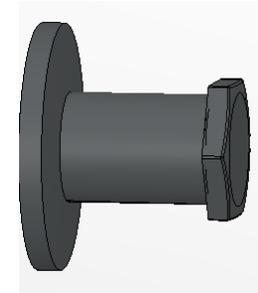
4. Remove the second screw from the top of the hinge on the wall side and install a #8 x 1.50" Pan Head screw through the hole provided at each hinge tight enough to just contact mounting frame. If door is rubbing on the latch side frame this screw can be used to pull the door more toward the hinge side to keep from hitting the latch side frame.
4. Check that door is properly sealing. If the door is not sealing evenly, add shims between the mounting frame and the face of the sidewall to square up the door.
5. Once reveal (gap) is consistent and the door is sealing evenly, finish adding screws around the door.
6. Shims must be installed behind door striker to ensure a solid surface for latch to strike on.
7. Remove the screws holding the hinge to the mounting frame. Using a 1/4" screw to secure the hinge through the mounting frame into the sidewall.



Adjusting latch

To achieve proper seal compression, the latch may need to be adjusted from time to time.

1. If equipped with a Rotary Latch, use a 5/8" wrench to loosen the striker bolt (adjust as needed) up, down, and side to side.



Sealing the Door

1. To ensure proper bond. Clean the outside of the mounting frame and sidewall.
2. Caulk at the top and down both sides of the mounting frame to ensure a watertight seal.

