

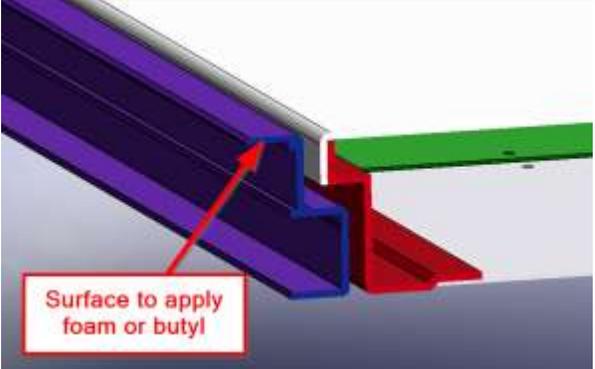
Challenger Door

1520 Installation Guide

Date: 4/1/19

BY:AWY

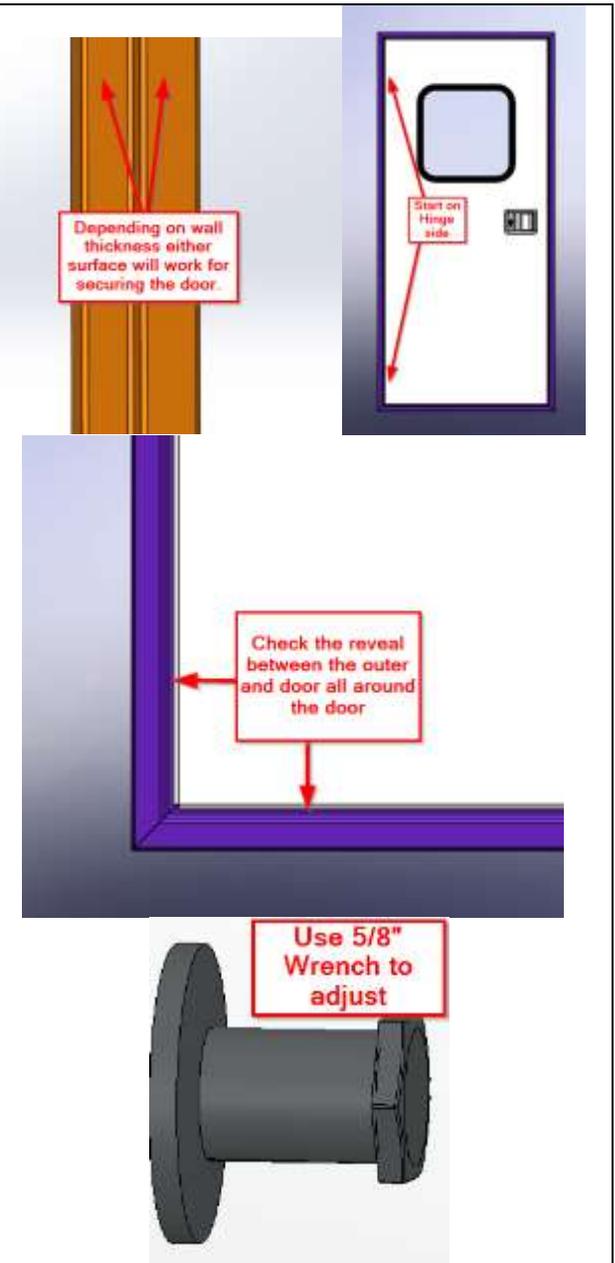
****Be sure to check that Rough Opening measures to the size stated on the door label, and is square and even on all sides. Challenger Door sizes doors to properly fit whatever opening our customer has. Be sure that the opening has proper framework supporting it (ie; aluminum/steel tubing or lumber). 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 outer 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 hinge side.	

Secure door into opening

****There are two surfaces that can be used to secure this door. It is recommended to use the surface behind where the door seals, but the forward will work. If using the forward surface be sure to seal screws to prevent water damage.****

1. Start with a screw at the top of the hinge side and add on at the bottom of the hinge side in the outer frame.
2. Add screw in the top and bottom of the latch side of the outer frame
3. Check squareness of the door adjust and shim as needed
4. Shim at all striker bolts and screw to each side of the bolt.
5. Add screws to all 4 sides starting within 6" of the corners and not further than 16" apart from each other. (be sure to add shims if needed at all screw points to keep frame straight and true)
6. Check reveal and function after install and adjust accordingly
7. Check that the door closes flush to the outer frame. If needed, with a 5/8" wrench loosen and adjust striker bolt.



Sealing the Door

- 1. To ensure proper bond. Clean the outside of the mounting frame and sidewall.
- 2. Caulk all sides of the mounting frame to the unit sidewall to ensure a water tight seal.