

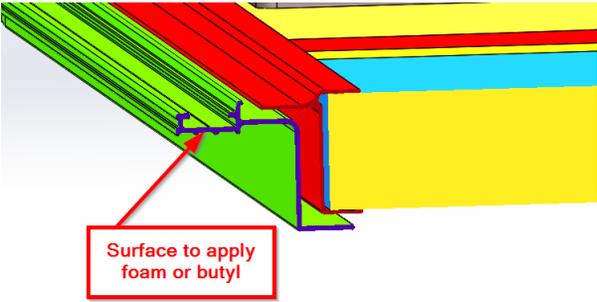
Challenger Door

805/820 Series Installation Guide

Date: 3/8/19

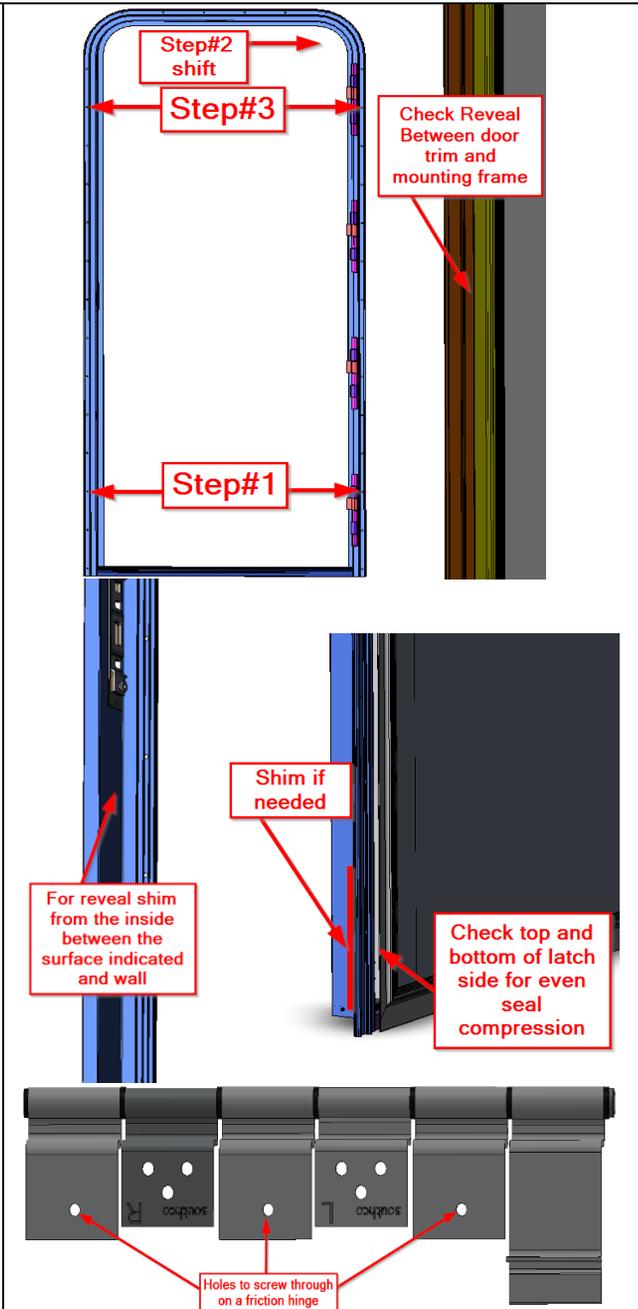
BY:AWY

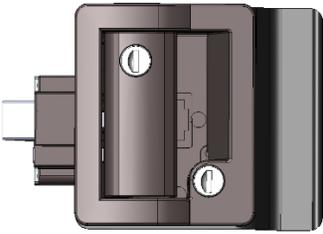
****Be sure to check that Rough Opening measures to the size stated on the door label, and is square and even on all sides. Challenger Door sizes doors to properly fit whatever opening our customer has. Be sure that the opening has proper framework supporting it (ie; aluminum/steel tubing or lumber).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

Secure door into opening

1. Start with 2 screws one on each side toward the bottom.
2. Shift the top of door toward hinge side until door is lifted slightly off of the frame (to avoid sagging and rubbing on the threshold).
3. Add one screw on each side toward the top to secure door.
4. Check to see that reveal is consistent on all sides. If reveal is inconsistent, add shims where needed between outer frame and rough opening to achieve the consistency needed.
****all shims need to be secured through the frame and them to keep them secure****
5. 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.
6. Once reveal (gap) is consistent and the door is sealing evenly, finish adding screws in punched holes.
7. Shims must be installed behind door striker to ensure a solid surface for latch to strike on.
8. If the door has friction hinges shim behind the hinge and add a #10 screw through the hole provided.
9. Install screw cover.
10. If drip cap is included, be sure to install it over the screw cover overlapping it by at least $\frac{1}{4}$ ".



<p align="center">Adjusting latch</p>	<p>To achieve proper seal compression, the latch may need to be adjusted from time to time.</p> <ol style="list-style-type: none"> 1. To adjust latch, loosen both screws slightly and slide inward or outward as needed. Do not simply tap with a hammer or blunt object as this could distort the striker and/or cause it to come loose. 	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>Latch</p>  </div> <div style="text-align: center;"> <p>Striker</p>  </div> </div>
<p align="center">Sealing the Door</p>	<ol style="list-style-type: none"> 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. 3. Caulk the top of the window and down the sides at least 4”. 	