

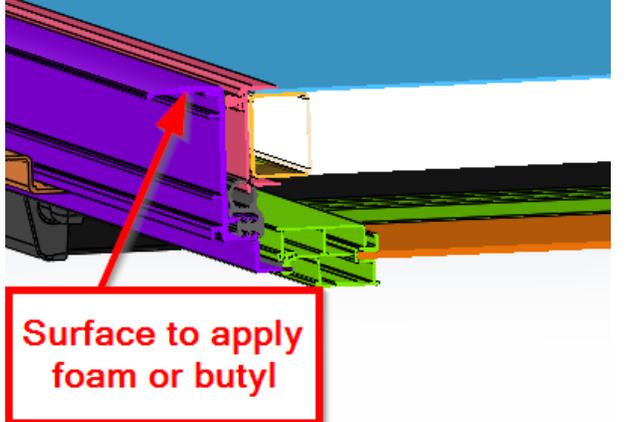
Challenger Door

910 Series Installation Guide

Date: 1/25/19

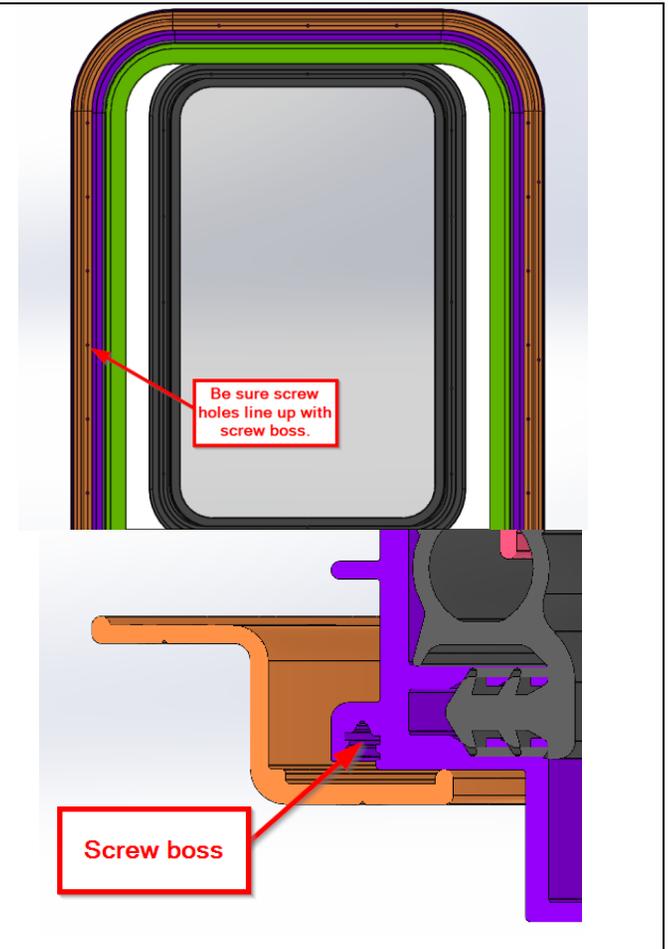
BY:AWY

****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. Remove trim ring.2. Clean outer and install closed cell foam or butyl. This helps to insure a tight seal once door is installed.3. Place door in opening tight to the bottom and centered from side to side. <p>*Do not open door until door is fully installed*</p>	

Secure door into opening

1. Install door assembly into coach opening, shift fully to the hinge side.
2. Position clamp frame so holes line up with screw boss in the outer frame.
3. Start #8X1 ½” Pan head screws through clamp frame into the outer frame starting at the top. ***Do not completely tighten screws***
4. Secure clamp frame to coach structure through the holes provided with #8- 1 ½” pan head screws.
5. Secure clamp frame to the mounting frame, tightening screws alternating sides to pull door tight evenly.
6. Open door and remove shipping blocks.
7. Secure hinge side through the holes provided. (1 at each hinge)
8. Secure outer at the striker bolt with one screw above and below.
9. If door includes a hold open strut remove screws and anchor the bracket through the floor.



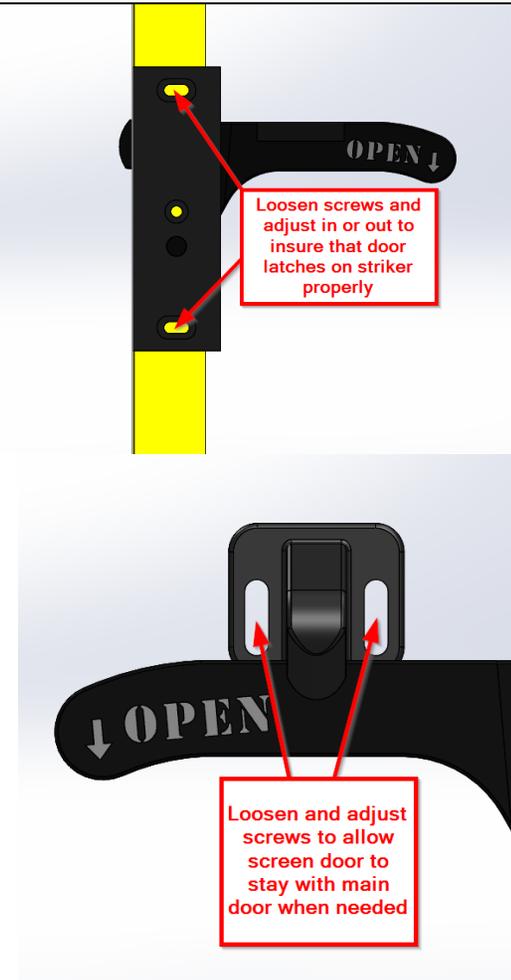
Adjusting latch

To achieve proper seal compression, the latch may need to be adjusted from time to time. Be sure when adjusting that these can be closed fully to the second “click”. This latch is by the latch manufacturer to pass 206 FMVSS standards. This door is equipped with a FMVSS Rotary Latch, use a 5/8” wrench to loosen the striker bolt (adjust as needed) up, down, and side to side.



Adjust Screen door latch

1. Check to be sure that the screen door latches independently.
2. If adjustment is needed loosen 2 screws on the latch and slide to the side to adjust.
3. Check to be sure that when the screen door is attached to the door it will open and close along with the main door.
4. If the screen door catches on the mounting frame when you open the door, the catch on the door will need to be adjusted.
5. If adjustment is needed loosen the 2 screws on the catch and slide it toward the hinge side to allow the catch to more fully engage the latch plunger. This allows the screen door to move as one with the door itself.



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.
3. Caulk the top of the window and down the sides at least 4".