

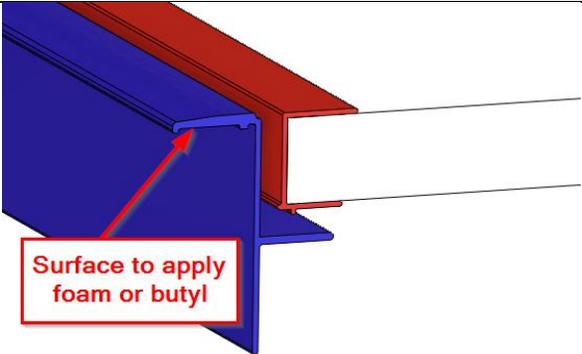
# Challenger Door

## 600/725 Series Installation Guide

Date: 11/29/18

BY:AWY

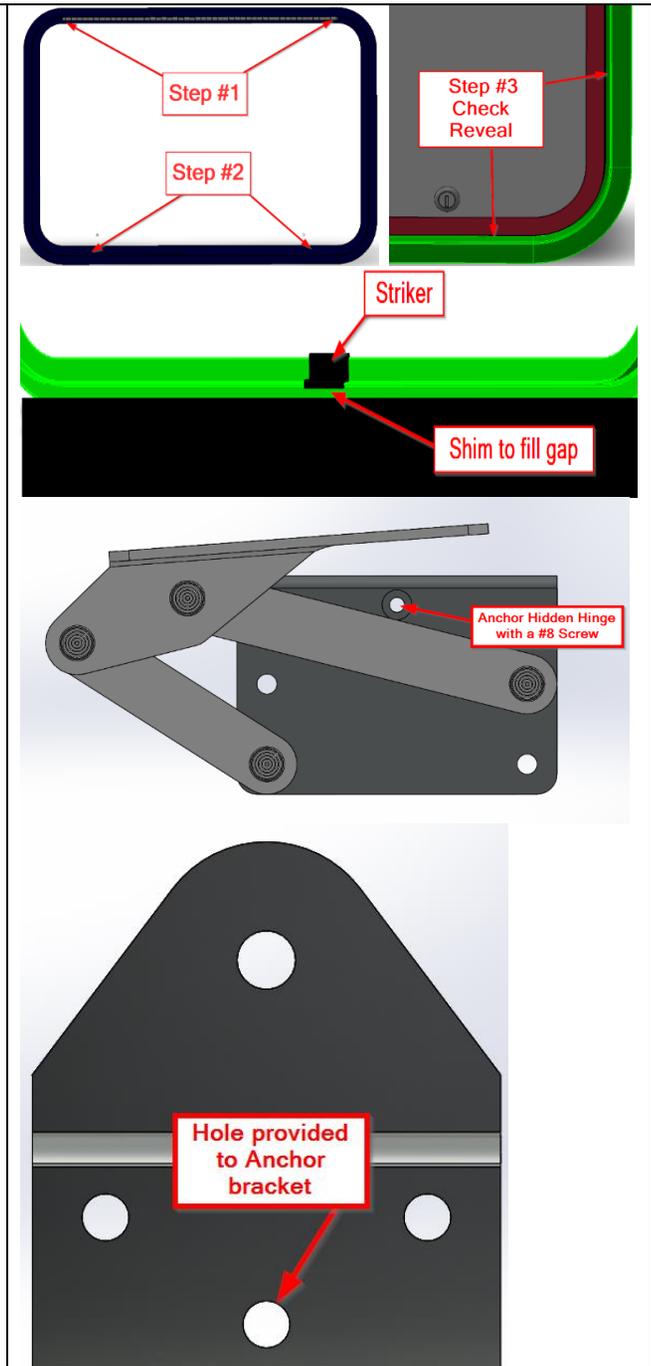
**\*\*Be sure to check that Rough Opening measures to the size stated on the door label, and is square and even on all sides. Challenger Door sizes doors to properly fit whatever opening our customer has. Be sure that the opening has proper framework supporting it (ie; aluminum/steel tubing or lumber).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

<b>Tools and Supplies needed</b>	<ul style="list-style-type: none"><li>- screw gun</li><li>- #8 or#10 screws 1” to 1½” long (Self-drilling screws are recommended)</li><li>- closed cell foam tape or butyl tape</li><li>- water sealing caulk and caulk gun</li><li>- plastic or wood shims 1/8” to 3/16” thick.</li></ul>	
<b>Place door in opening</b>	<ol style="list-style-type: none"><li>1. Clean out and install closed cell foam or butyl. This helps to insure a tight seal once door is installed.</li><li>2. Center door in opening it insure proper fit.</li><li>3. Open the door while holding the mounting frame in place firmly.</li></ol>	

## Secure door into opening

**\*\*When installing screws, keep screws behind the seal flange to keep door watertight, except for securing the hinge. If screws are in front of flange they must be sealed\*\***

1. Start by screwing through the hinge within one inch on each side of hinge keeping door tight to the top of the opening. If your door is a RH or LH door, start the first screw on the top of the hinge side.
2. Add 2 screws on each side adjacent to the hinge side.
3. Close door to check even gap between door and mounting frame. Loosen and tighten screws to adjust to achieve a consistent reveal (gap). **\*\*Do not over tighten any screws when mounting the door. Over tightening causes frame manipulation resulting in leaks and functionality issues\*\***
4. Add shims under striker, if needed, and add screws one on each side of striker. This step ensures a solid surface to strike for any slam/plunger latch.
5. Shim where needed to keep consistent reveal and add screws on all sides of mounting frame, keeping screws no more than 12" apart. **\*\*Be sure screws are no closer than 3" from splice on hinge side.\*\***
6. If door has hidden hinges be sure to anchor them through the hole provided.
7. If door is equipped with a cable, or strut bracket. Bracket must be anchored through the hole provided.



## Sealing the Door

1. To ensure proper bond. Clean the mounting frame and surface it bonds to, along with the top of the hinge to the mounting frame.
2. Caulk at the top and down both sides of the mounting frame. Caulk on top of the extruded hinge to ensure a watertight seal.

