

# Panic Exit Touch bar INSTALLATION INSTRUCTIONS

## REQUIRED TOOLS

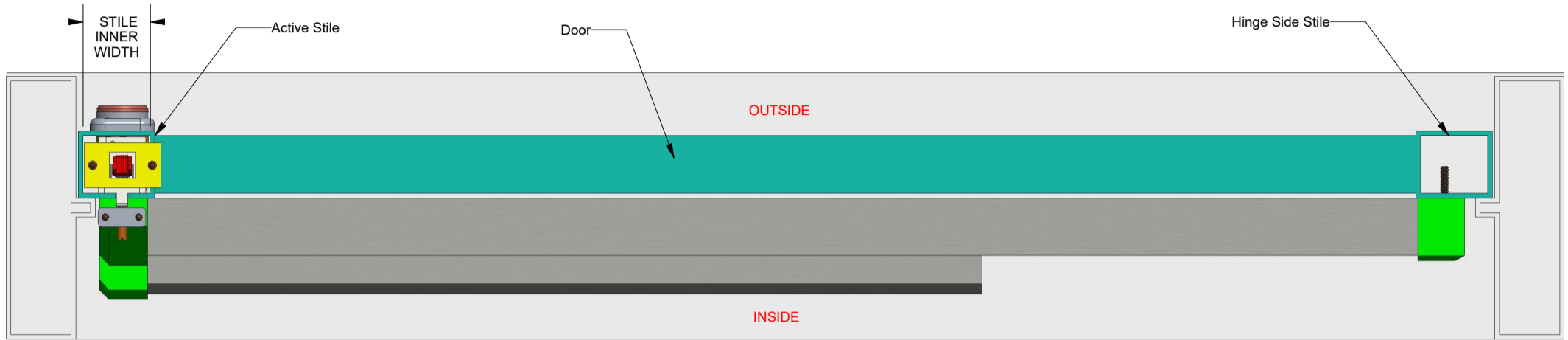
- Drill and Drill Bits: 1/8", 9/32", 5/16", 7/32", 5/8", 11/16", 1-3/8"
- Tap: 10-24
- Tape Measure
- Saw Horses
- Framing Square

- Masking Tape
- Center Punch
- Flat and Round Metal File
- Jigsaw with Metal Cutting Blade
- Protective Eyewear
- #2 Phillips Screwdriver
- 82° countersink.

## BEFORE YOU BEGIN

Check Stile door dimension/thickness. Panic Exit Touch Bar will work with a door stile 1-3/4" thick X 1-25/32 inner width minimum, only. See cutout details. It is recommended to lay the unhinged door on stable sawhorses. Follow step by step installation instructions to ensure proper operation. **Always wear protective eyewear.**

### LHRB DOOR SHOWN (MIRROR FOR RHRB)



TOP VIEW OF COMPLETE DOOR  
(REFER TO THE COMPONENT LIST)

## STEP 1.

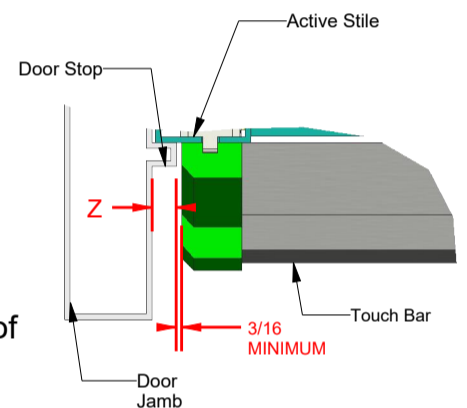
Check the dimension Z of the door stop (see DETAIL Z). Make sure the door stile are within the dimensions specified: 1.75" Thickness. Minimum Stile Inner Width, 1-25/32".

**NOTE:** If door stop exceeds 1/2", the Minimum inner dimension Z needs to be increased by the difference. For instance: If door stop is 0.625", the Minimum inner dimension Z must be 0.125" (0.625"-0.5") more: 1-29/32" Minimum.

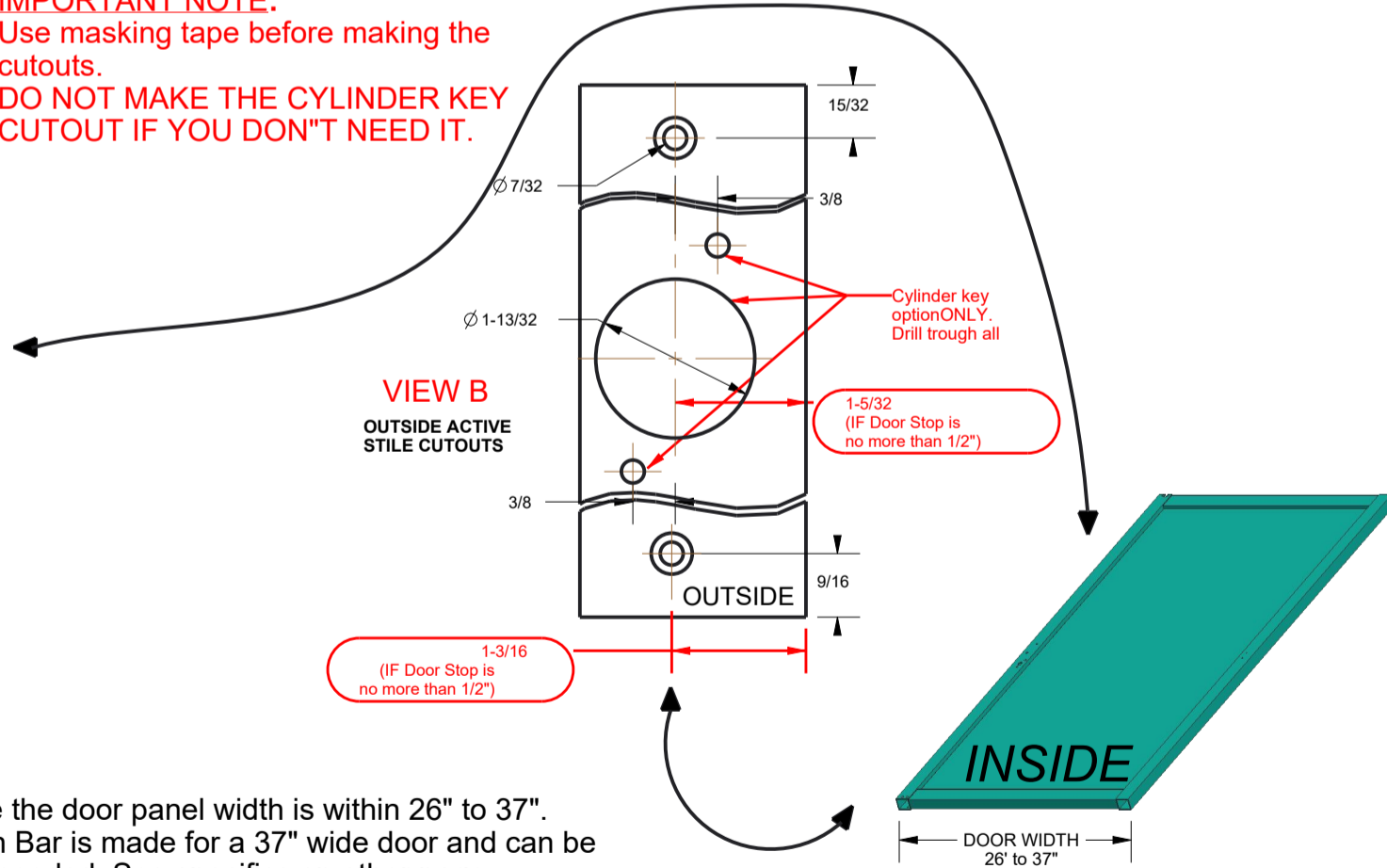
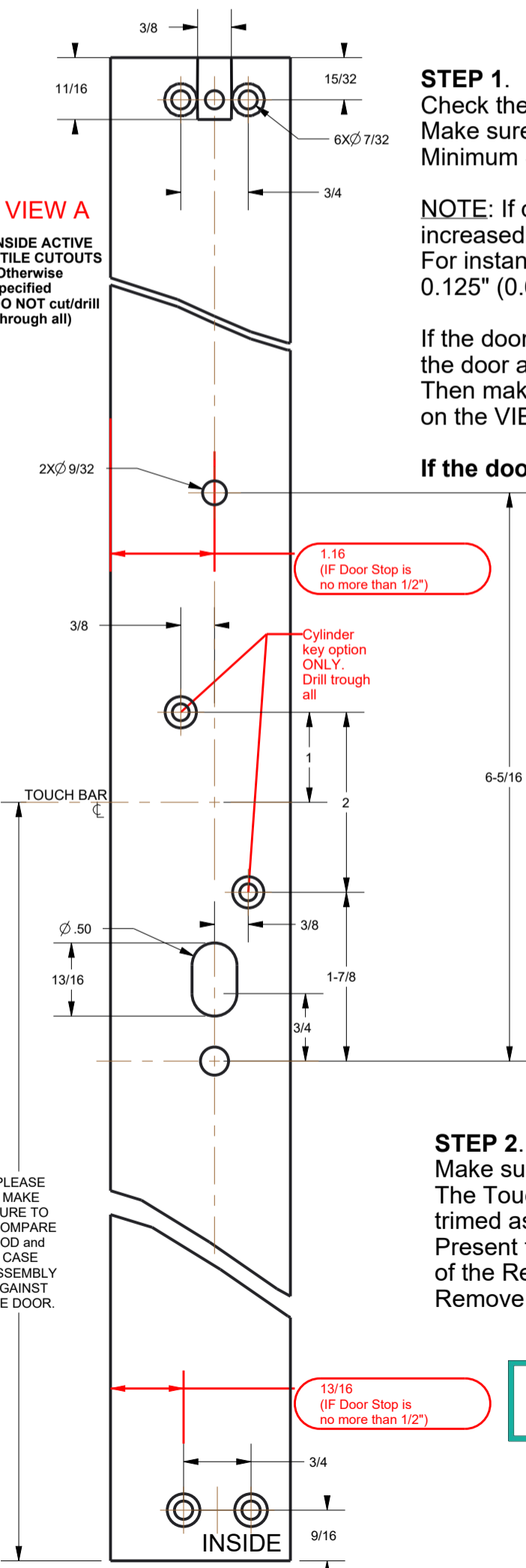
If the door stop is below 1/2", make all cutouts on the **INSIDE** of the Active Stile of the door as shown on the VIEW A. Use Template supplied. Then make all cutouts on the **OUTSIDE** of the Active Stile of the door, as shown on the VIEW B. Use Template supplied.

If the door stop is greater, increase the circled dimensions by the difference.

**IMPORTANT NOTE:**  
Use masking tape before making the cutouts.  
DO NOT MAKE THE CYLINDER KEY CUTOUT IF YOU DON'T NEED IT.

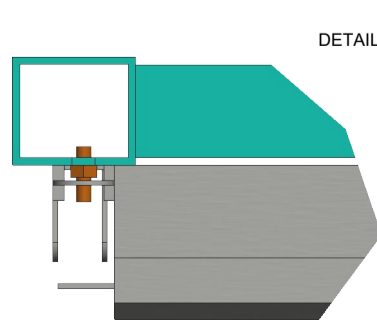


DETAIL Z  
TOP VIEW OF COMPLETE DOOR

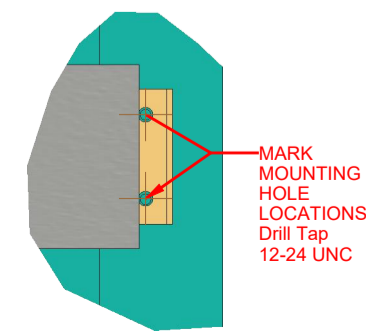
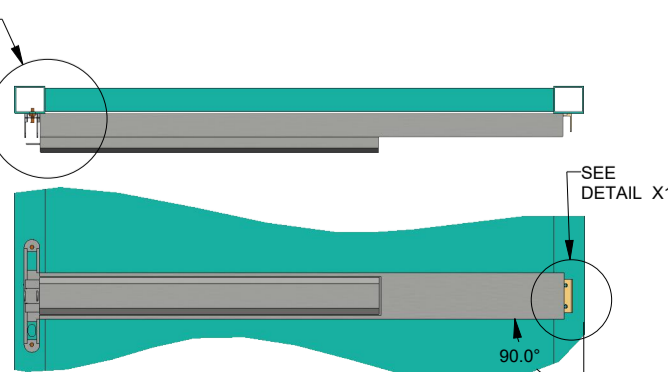


## STEP 2.

Make sure the door panel width is within 26" to 37". The Touch Bar is made for a 37" wide door and can be trimmed as needed. See specifics on other page. Present the Touch Bar using the 1/4-20 Stud (See DETAIL X2) and a framing square and mark the position of the Rear Bracket mounting holes (see DETAIL X1). Use Template supplied. Remove the Rear Bracket and the Touch Bar and drill/tap the two 12-24 Mounting Holes.



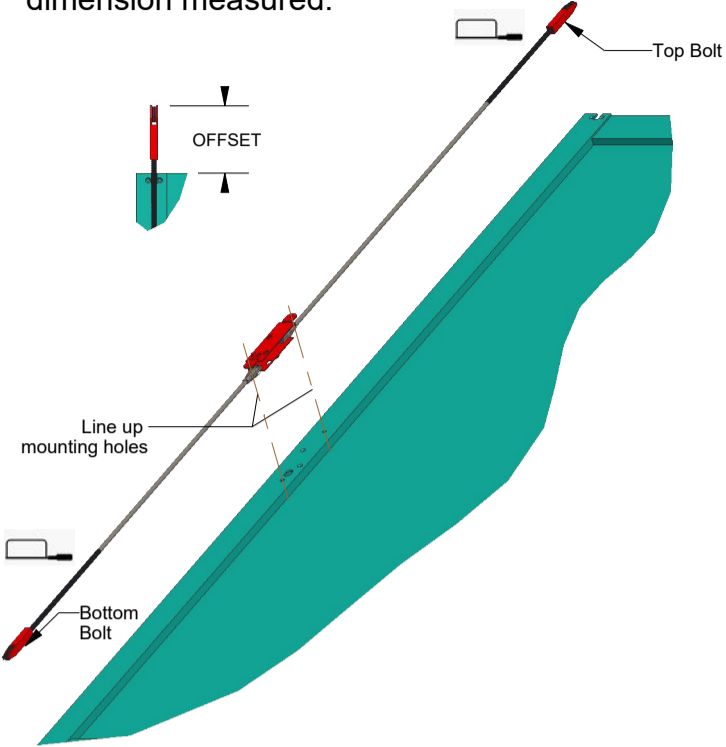
DETAIL X2  
USE STUD TO LOCATE TOUCH BAR



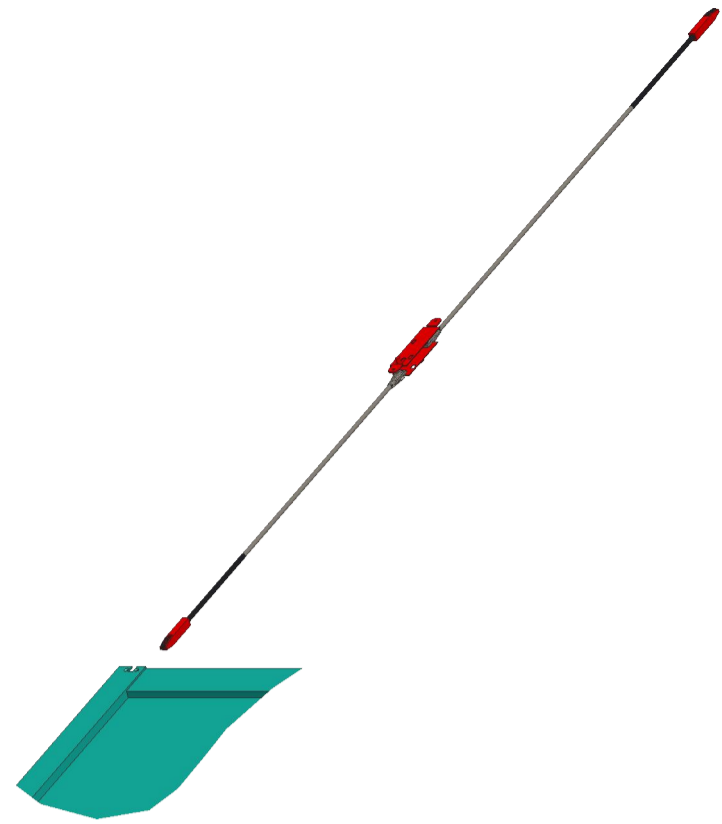
DETAIL X1  
MARK MOUNTING HOLE LOCATIONS

PLEASE MAKE SURE TO COMPARE ROD and CASE ASSEMBLY AGAINST THE DOOR.

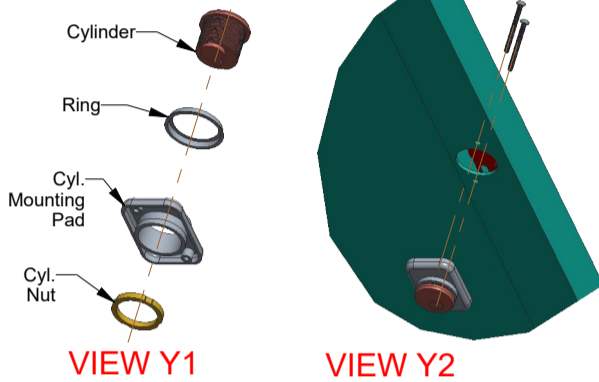
**STEP 3.**  
 Deburr and clean the door from all debris. Present the Rod and Case Assembly on the door, lined up with the mounting holes. Screw the Bolts all the way on each Rod and measure the OFFSET from each tip of Rod to the edge of the door. If needed, Trim the rod by the OFFSET dimension measured.



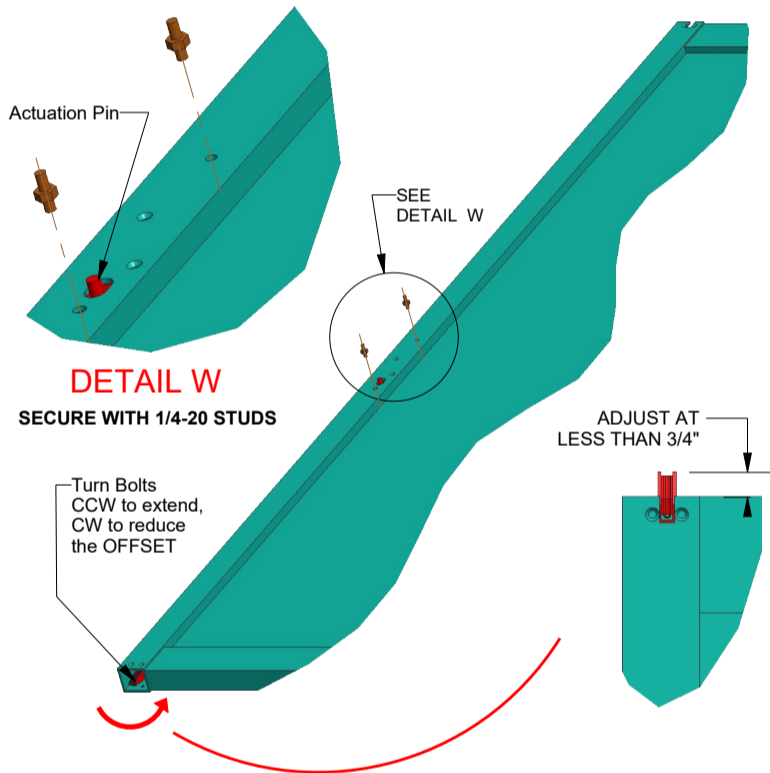
**STEP 4.**  
 Insert the Rod and Case Assembly equipped with the Bolts on each Rod.



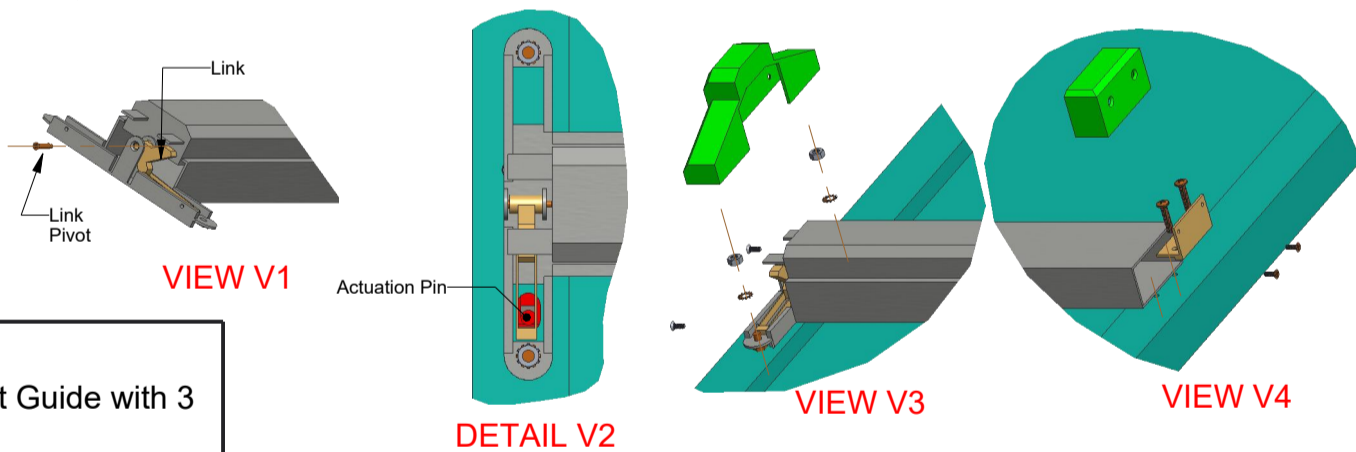
**STEP 6. CYLINDER KEY OPTION ONLY. OTHERWISE GO TO STEP 7.**  
 Prepare the Cylinder Key assembly into the Cylinder Mounting Pad as shown on VIEW Y1. Do not insert the key and Install the Cylinder Key Assembly as Shown on VIEW Y2, with 2 screws 8-32x2". Test operation of the key.



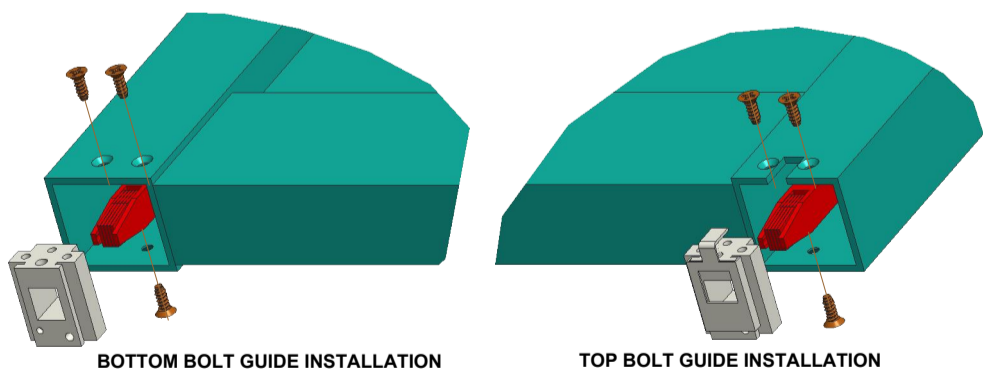
**STEP 5.**  
 Secure with the 1/4-20 Studs. Unscrew the 2 Bolts to extend past the top and bottom stile, by less than 3/4".



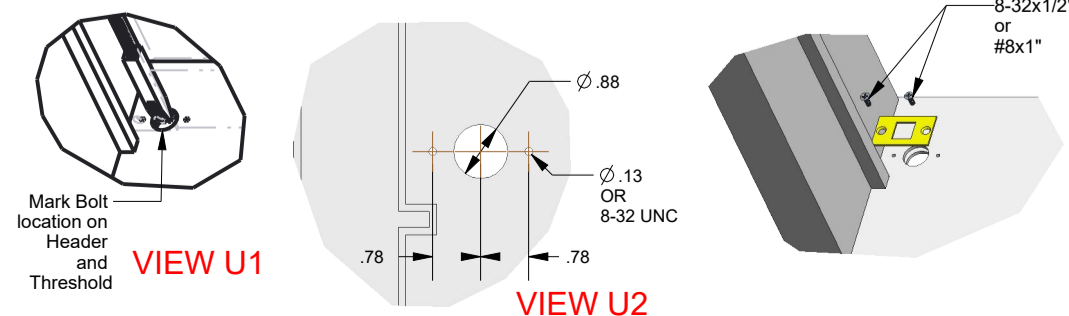
**STEP 7.**  
 Install the Link on the Touch Bar as shown on VIEW V1 and secure it with the Link Pivot (For RHRB Door, install the link on the other side). Install the Touch Bar on the door. Make sure to engage the link below the actuation pin (See DETAIL V2). Install loosely the 1/4" Lock Washers and 1/4-20 Nuts (See VIEW V3). Install loosely the Rear Bracket and the two 12-24x1" screws with lock washers (See VIEW V4). Press the Touch Bar to make sure the Bolts retract fully inside the door stile. Try also the key operation to check the bolts fully retract inside the door stile. Otherwise, adjust the Bolts as described on Step 5. Tighten all nuts and screws and install all covers with 8-32x1/2" screws.



**STEP 8.**  
 Insert the Top and Bottom Rod Guides. Secure each Bolt Guide with 3 #10x1/2 FH screws.



**STEP 9.**  
 Install the door on the frame. Mark the location of each Bolt on the Header and Threshold (see VIEW U1). Drill (and Tap 8-32 if possible) as shown on VIEW U2. Install Strike Plates. Use 8-32x1/2" or #8x1" screws.



**SPECIFICS.**  
 If the frame has no door stop, use the Release Bracket provided. Line up the Release Adj. Screw with the release tab, keep 1/2" gap as shown on DETAIL T3 and mark location of screws as shown on VIEW T1. Drill/tap 2 holes 8-32 UNC. Install the Release Bracket and Release Adj. Screw. Adjust the Release Adj. Screw to trigger the Bolts when the door is in closed position. If the door is less than 37" wide, make sure to trim the Touch Bar, respecting the dimensions in VIEW T2.

**DOGGING with Dogging Key:** Press and hold the Touch Bar. Use the Dogging Key CW 1/2 turn. Undogging only with the Dogging key, turning it CCW 1/2 turn.

**DOGGING with Door Key:** Press and hold the Touch bar. Insert the key in the Cylinder Key and turn the CW about 45°. Undogging only with the door key, turning it about 45° CCW.

