

# DE Frame with C Series Transom Installation Steps



## TOOLS REQUIRED

Tape measure	Screw gun with clutch adjusted	Screwdriver <i>(used to adjust frame on will using oval slots)</i>	Wood Dowel same diameter as door undercut dimension
6' magnetic level	#2 phillips tip		
3' magnetic level	#3 phillips tip	Pry Bar	

## INSTALLATION GUIDELINES

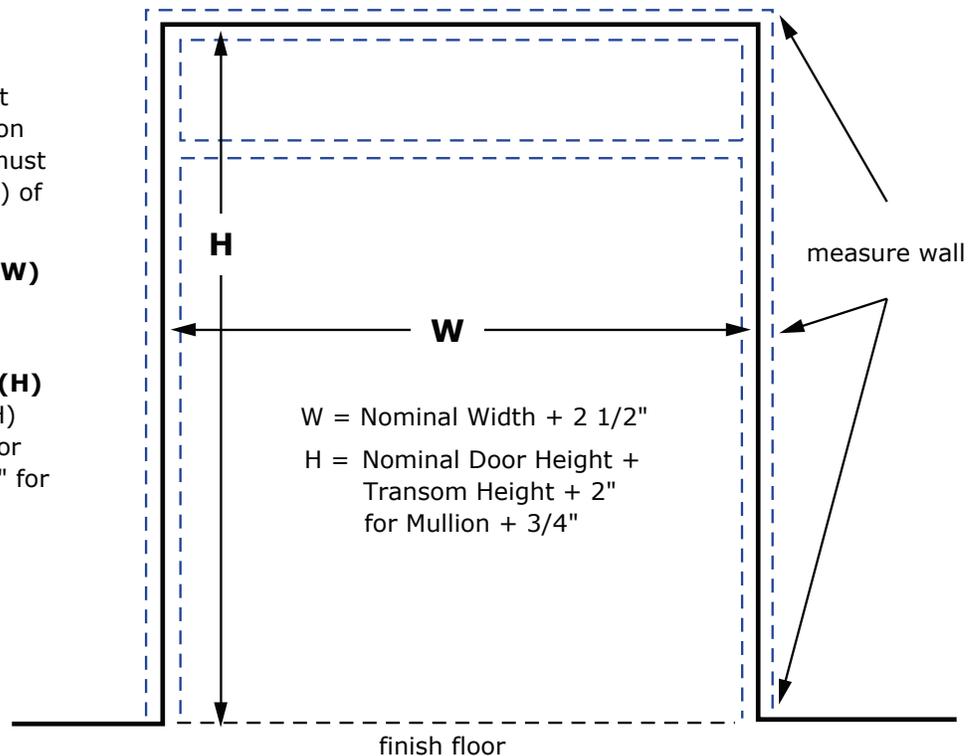
1. Remove foam backing from strike cutout and hinge back-plates prior to placing jambs on the wall.
2. The frame should always rest on the finished floor. If the floor is not finished, shim the bottom of the jamb to compensate for flooring material.
3. The casing can be damaged if struck directly in the center. Apply pressure to the outer edges of the casing when installing.
4. Frames used for exterior exposures must be installed in areas with an overhang or in an opening properly flashed to direct moisture to the outside of the frame.
5. For best results, install the door, frame and hardware as a complete unit.

### 1 ROUGH OPENING

Verify the rough opening.  
 Measure the wall Thickness at the top, middle, and bottom on both sides. The jamb depth must be within 1/8" (plus or minus) of the wall width.

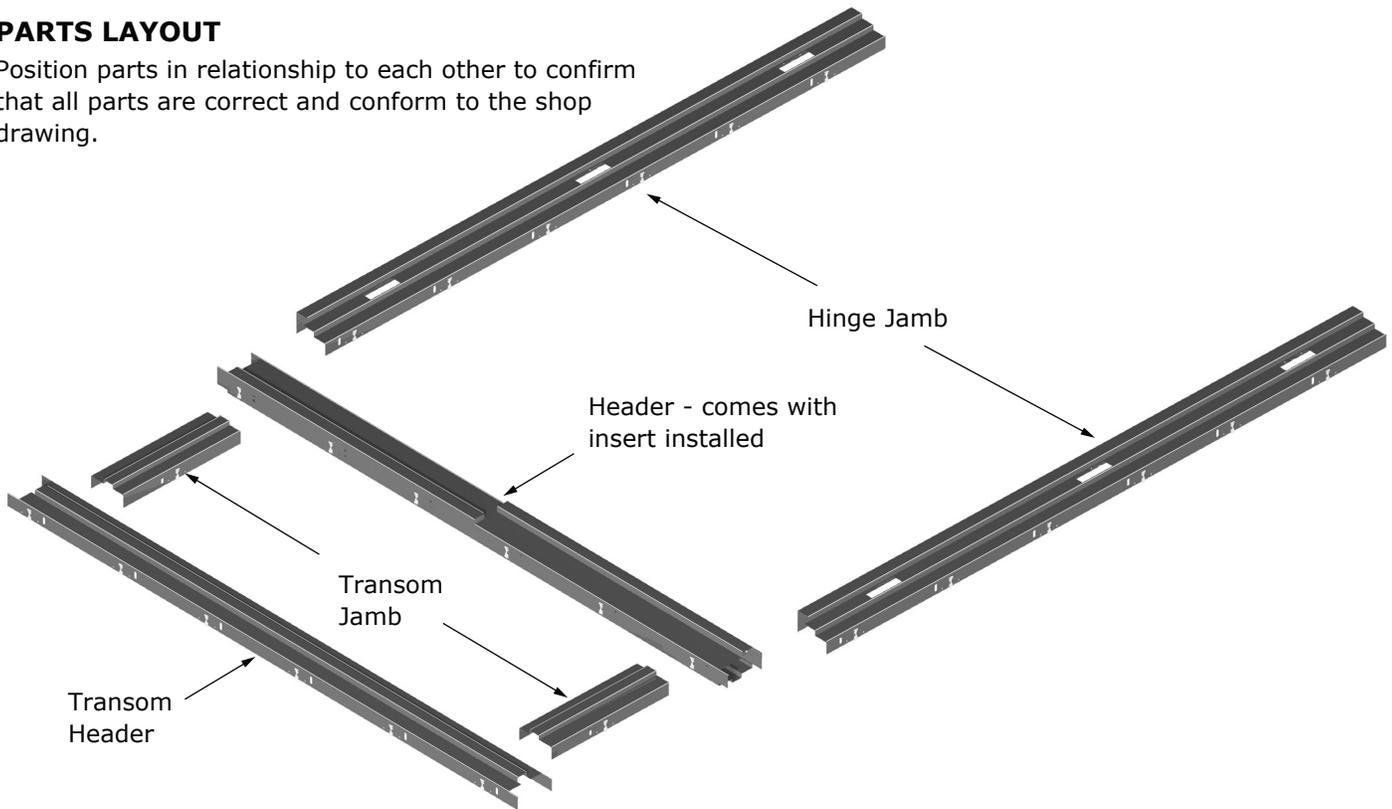
The **rough opening width (W)** is the total of nominal door widths plus 2 1/2".

The **rough opening height (H)** is the net door area height (H) plus transom height plus 2" for the transom mullion plus 3/4" for adjustment.



### 2 PARTS LAYOUT

Position parts in relationship to each other to confirm that all parts are correct and conform to the shop drawing.

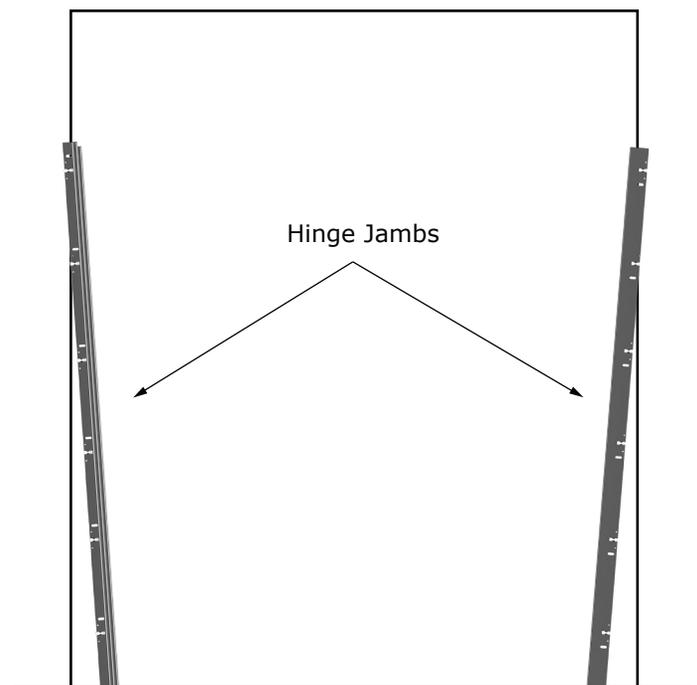


### 3 VERIFY HARDWARE REQUIREMENTS

Check the hardware schedule to confirm that hardware reinforcements are in place for surface mounted hardware and preparations are correct for mortised hardware. Verify wiring location and frame access if using electronic hardware components.

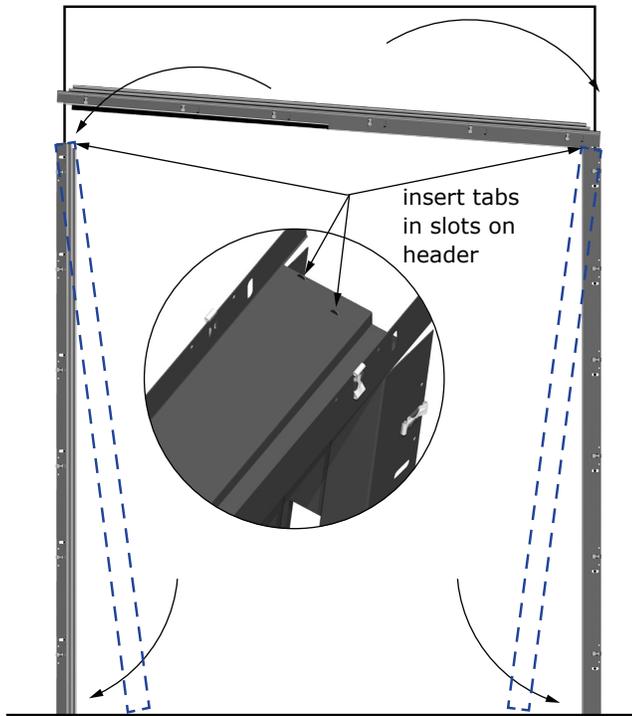
### 4 HINGE JAMBS

Place hinge jambs over the wall at an angle so the bottom of the jamb projects into the opening about 3". If wiring access is required, make sure wires are pulled through jambs or can be easily accessed once the jambs are in position.



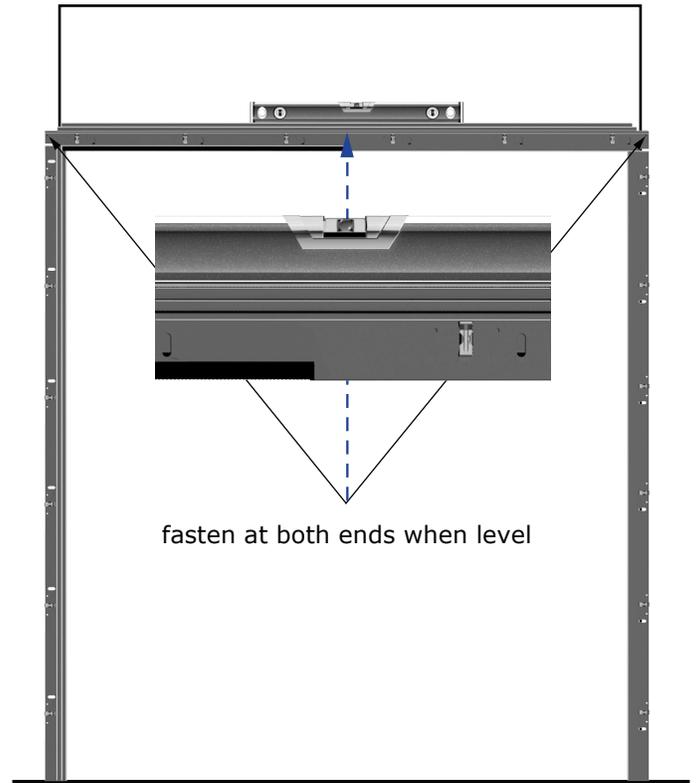
**5 HEADER – INTERLOCK**

Place the header in position with the “ears” over the wall at each end. Rest one end of the header on the jamb and interlock the tabs and slots on the opposite jamb. Follow the same procedure for the remaining jamb. Pull header tight to hinge jamba with hinge jamba resting on finished floor or spacers if finished floor has not been installed.



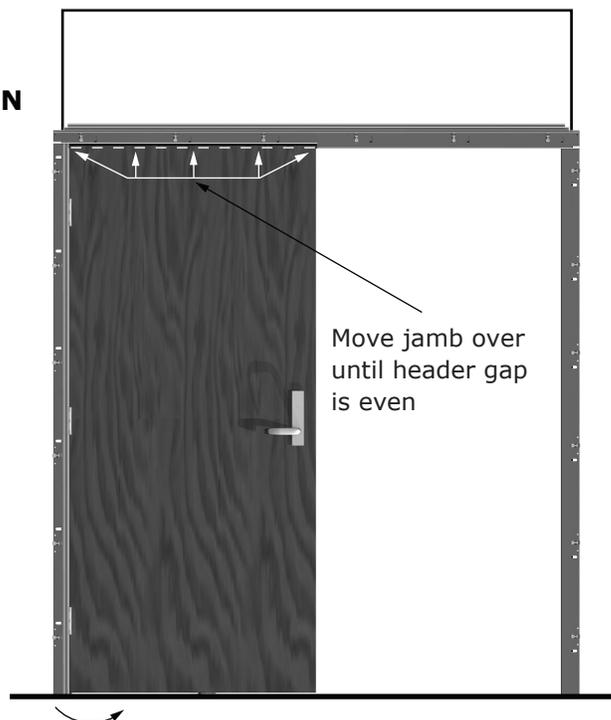
**6 LEVEL HEADER AND ANCHOR**

Level the header using the magnetic level and fasten both ends of the header on both sides of the opening.



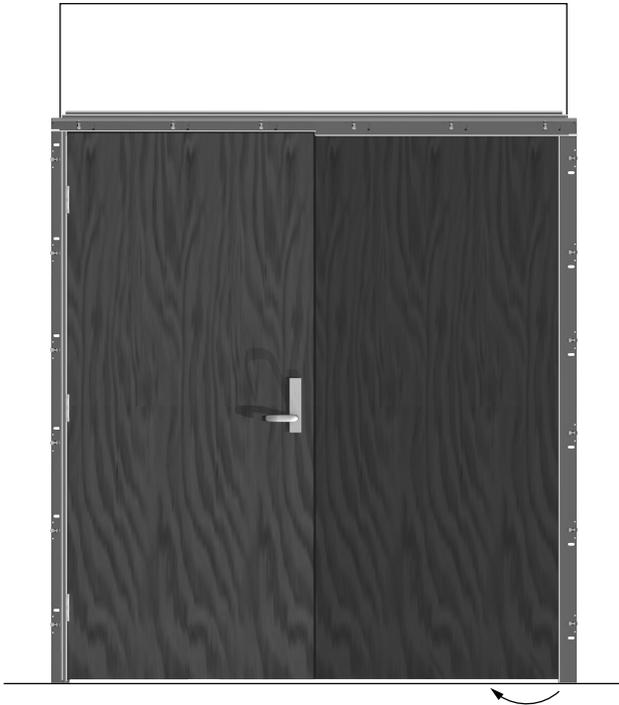
**7 HINGE JAMB – HIGH SIDE, PLUMB AND ALIGN**

Apply a fastener at the top of the hinge jamb on the “high” side. Hang the door using the wood dowel with the door open at 90° for support. Close the door to check alignment. Move the jamb at the bottom using a pry bar on the jamb or a screwdriver in the oval slot to adjust the jamb and door. The top gap between the door and header should be even across the top. When the jamb is in position, place a fastener at the bottom of the jamb.



### 8 HINGE JAMB – LOW SIDE, PLUMB AND ALIGN

Follow the same procedure with the opposite jamb so the head gap is even and the meeting stile between the doors is equal. If necessary, adjust the header slightly to make all clearances even.



### 9 INSTALL FASTENERS ON HINGE JAMBS

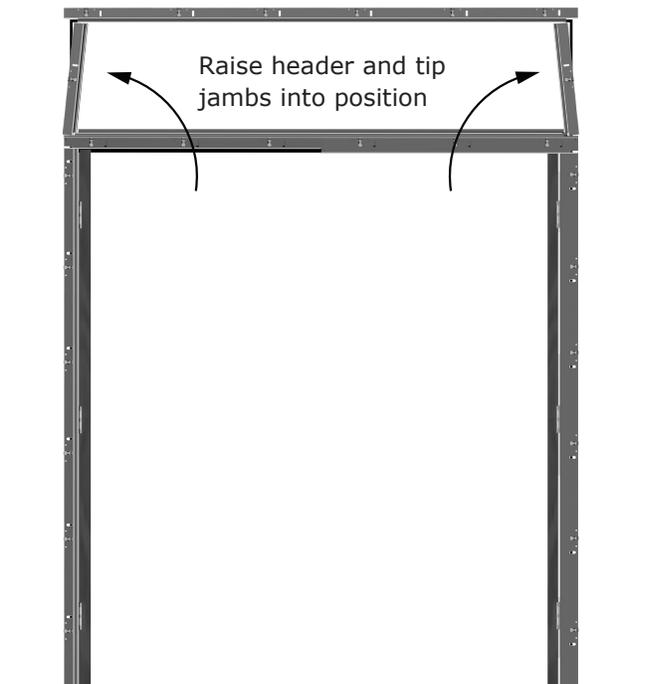
With the doors in position, apply fasteners to both hinge jambs on both sides of the wall to secure.



### 10 INSTALL TRANSOM COMPONENTS

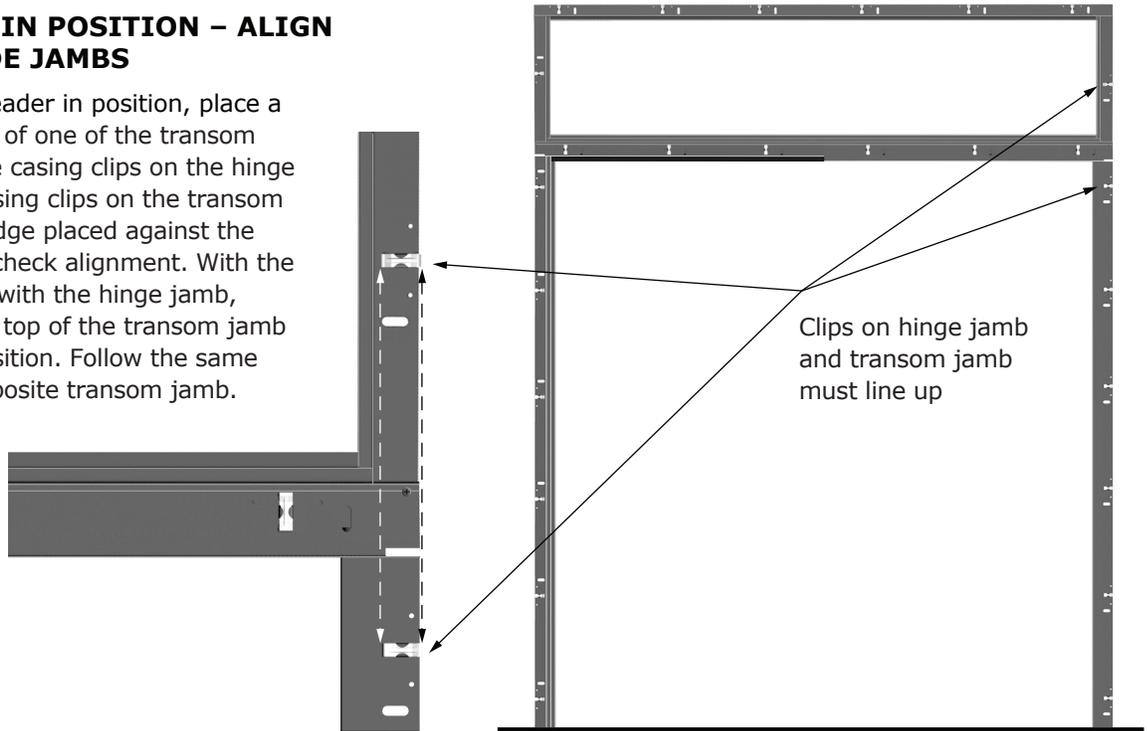
Swing doors out of the opening to provide easy access to the transom area. If wiring is required for the transom, position the wires so they will be accessible when the balance of the frame is installed.

With the transom uprights easily accessible, place the transom header over the wall. Place one of the transom jambs in place interlocking the jamb with the alignment tab on the header and resting the jamb on the "ear" of the transom header. Place the other transom jamb in position using the same procedure.



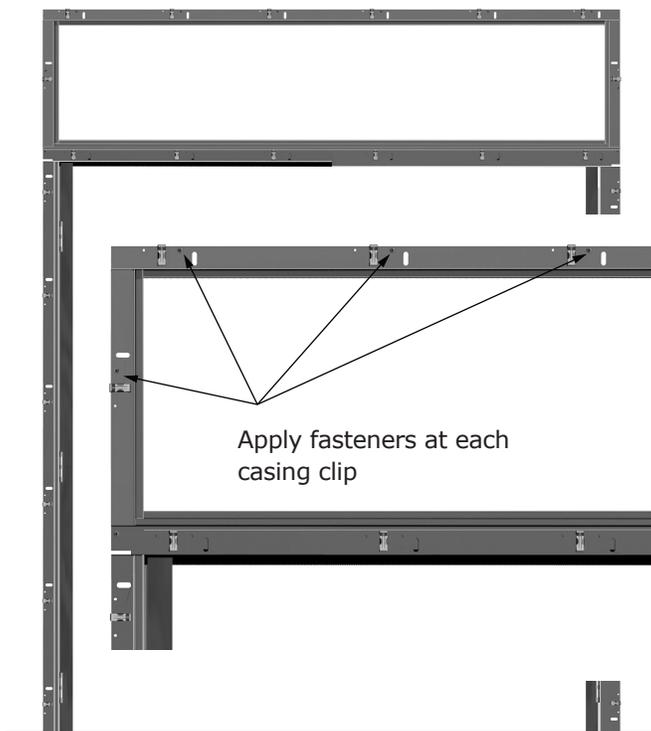
**11 TRANSOM JAMBS IN POSITION – ALIGN WITH CLIPS ON DE JAMBS**

With the jambs and header in position, place a fastener at the bottom of one of the transom jambs making sure the casing clips on the hinge jamb align with the casing clips on the transom jamb. Use a straight edge placed against the outside of the clips to check alignment. With the transom jamb aligned with the hinge jamb, place a fastener at the top of the transom jamb to hold the jamb in position. Follow the same procedure with the opposite transom jamb.



**12 Square transom opening**

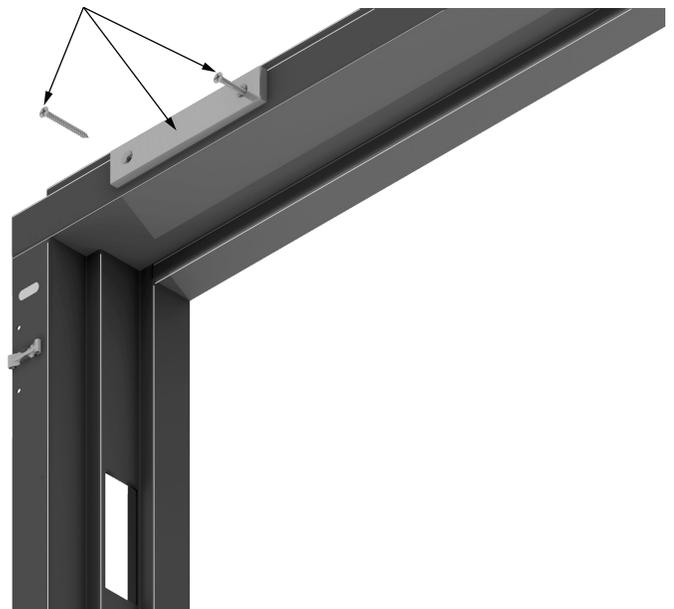
Check the transom opening to make sure it is square and apply fasteners at each casing clip at the header and both jambs.



**13 Hardware Reinforcement – Surface Mounted hardware**

Install TA-10 reinforcement to jamb if using regular arm closers following the instructions in the package. All reinforcements must be installed prior to applying casing.

Install TA-10 reinforcement to jamb



### 14 Apply Header Casings

Position the header casing at the top of the frame and snap over one clip toward the center to hold the casing in place while interlocking the upright casings.

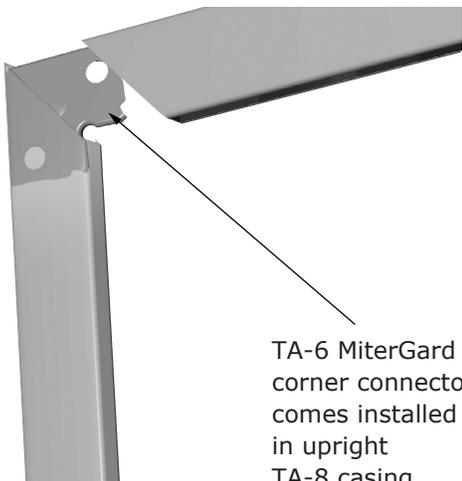
Snap header casing over the header



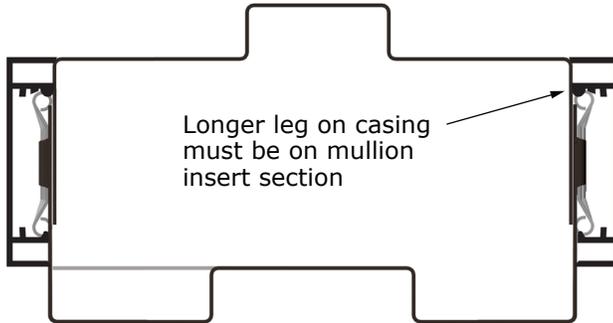
### 15 Apply Jamb Casing

If using TA-8 casing, the MiterGard corner connector is already installed. If using other casing types, install the appropriate corner connector. Insert the corner connector into the header casing so the miter is tight. If necessary, the header casing can be moved to align the jamb casings with the header casing. Once alignment is correct, roll the casing onto the remaining clips on the header. After completing the header casing, roll the jamb casing over each clip starting at the top and working down.

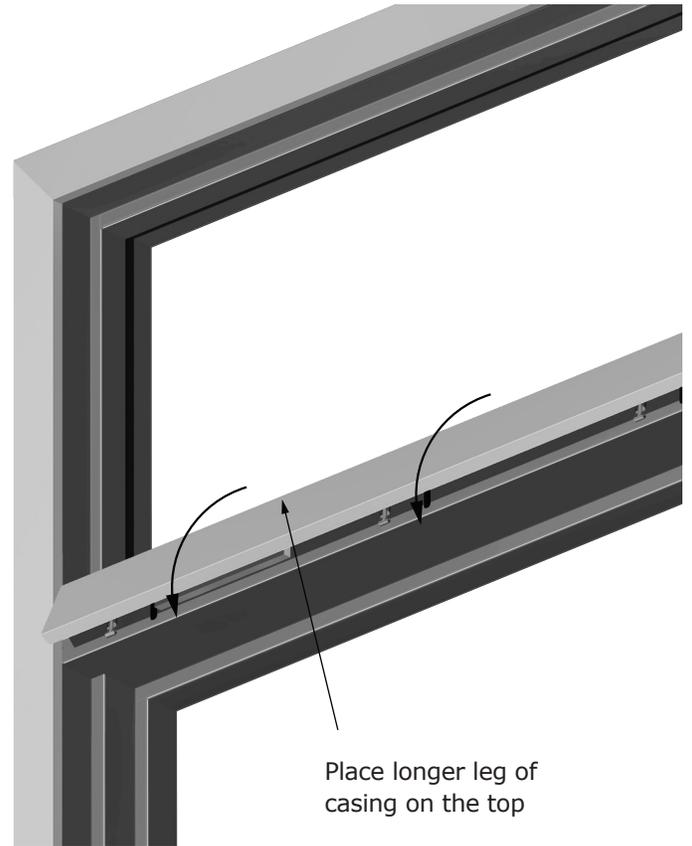
TA-6 MiterGard corner connector comes installed in upright TA-8 casing



16 **TRANSOM MULLION CASING**



With the perimeter casing applied, install the transom mullion casing making sure the longer leg of the casing is on top so it will rest against the mullion insert on the transom.



16 **Opposite Side casing**

Apply casing to the opposite side of the frame using the same procedure.

17 **Install hardware to finish**

Install the balance of the finish hardware to complete the opening.

