

CK 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

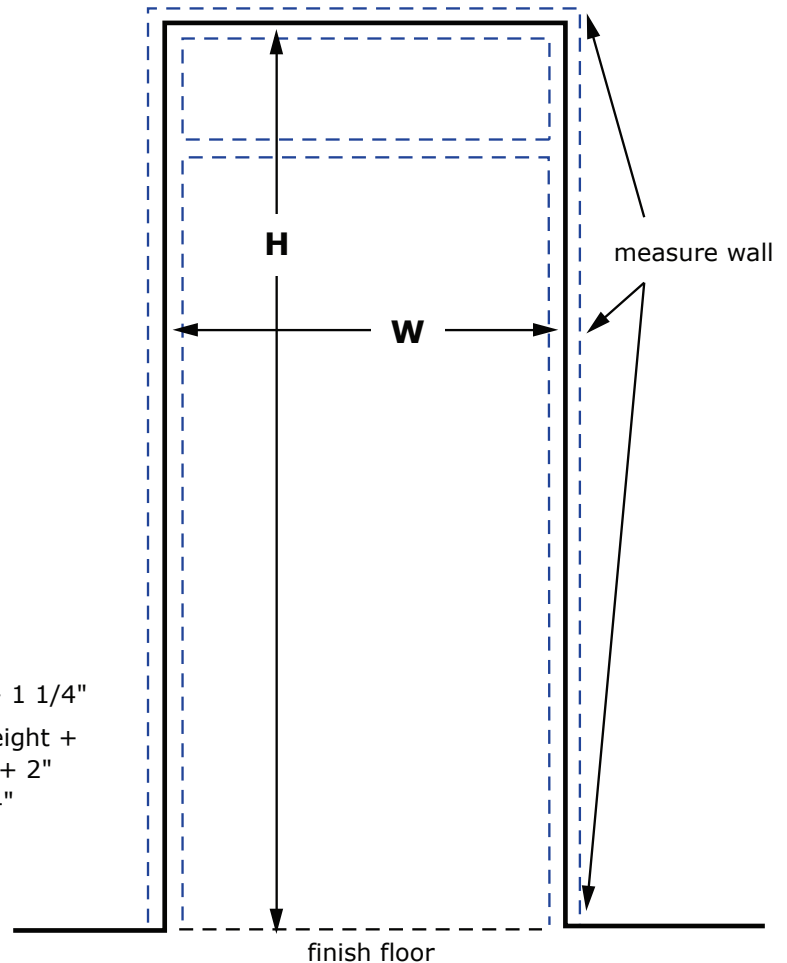
Verify the rough opening. Measure the wall Thickness at the top, middle, and bottom on both sides. The jamb depth must be within 1/8" (plus or minus) of the wall width.

The **rough opening width (W)** is the total of nominal door widths plus 1 1/4".

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.

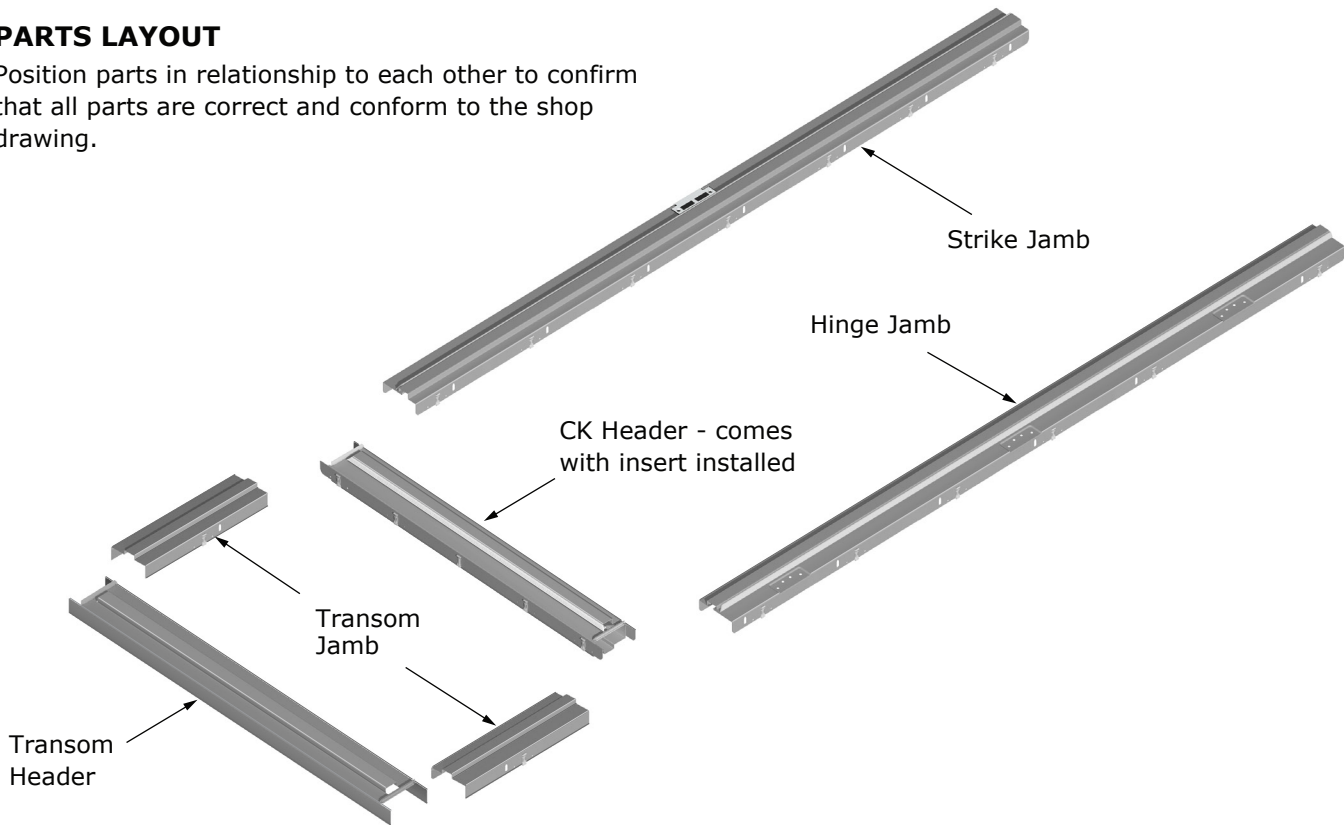
$$W = \text{Nominal Width} + 1 \frac{1}{4}"$$

$$H = \text{Nominal Door Height} + \text{Transom Height} + 2" \text{ for Mullion} + \frac{3}{4}"$$



2 PARTS LAYOUT

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

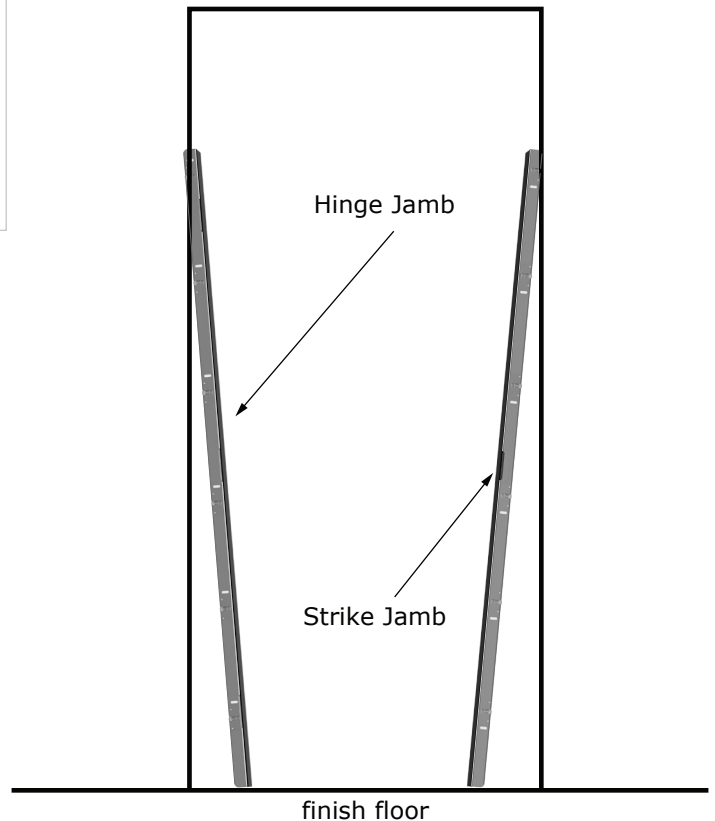


3 VERIFY HARDWARE REQUIREMENTS

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.

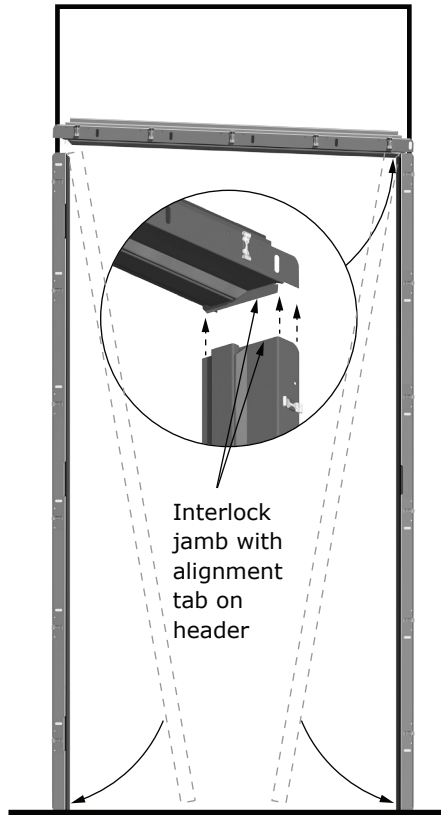
4 JAMBS

Place 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.



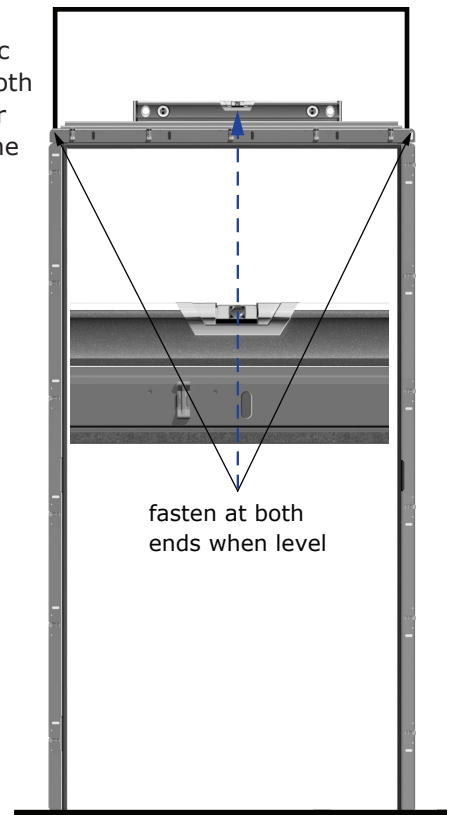
5 HEADER – INTERLOCK

Place the header in position with the “ears” over the wall at each end. Rest one end of the header on the hinge jamb and interlock the jamb with the alignment tab on the header. Follow the same procedure with the strike jamb. Pull the header down tight to both jambs with the jambs resting on the finished floor or appropriate spacer blocks if floor is not yet installed.



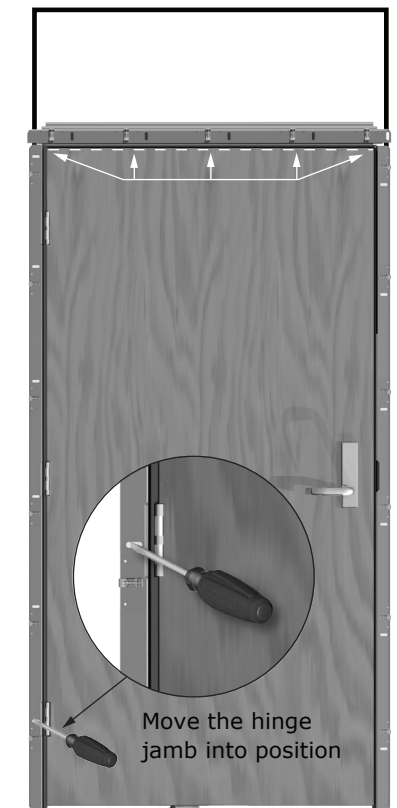
6 LEVEL HEADER AND ANCHOR

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



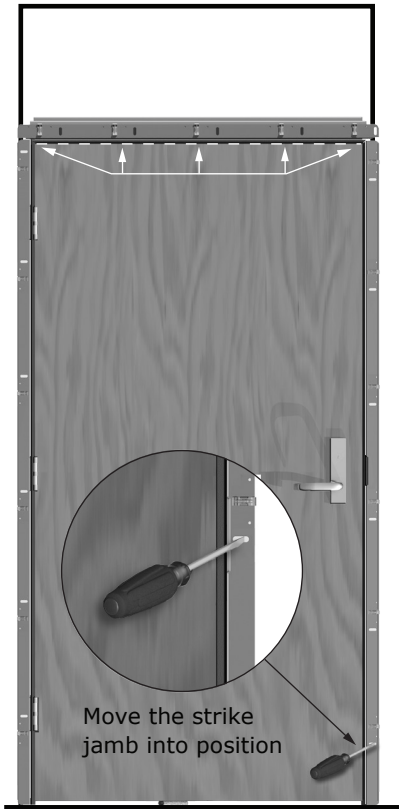
7 HINGE JAMB – PLUMB AND ALIGN

Raise the hinge jamb (if necessary) so it is tight to the header. Place a fastener at the top of the hinge jamb only. Hang the door by applying all three hinges to the hinge jamb. Use a wood dowel (Dowel diameter is same size as door undercut) under the door for support and easy positioning. Close the door to check alignment. Using a screwdriver in the oval slot at the bottom of the hinge jamb, move the hinge jamb in position so the top clearance between the door and header is even across the full width. Once in position, place a fastener at the bottom of the hinge jamb to hold the jamb in place. Check for proper header clearance and place fasteners at each clip on the hinge side.



8 STRIKE JAMB – PLUMB AND ALIGN

Raise the strike jamb tight to the header and place a fastener at the top. Use a screwdriver in the oval slot to move the strike jamb into position with equal clearance along the strike edge of the door and frame. Place fasteners at each clip on the strike jamb to secure it.



9 INSTALL FASTENERS ON BOTH JAMBS

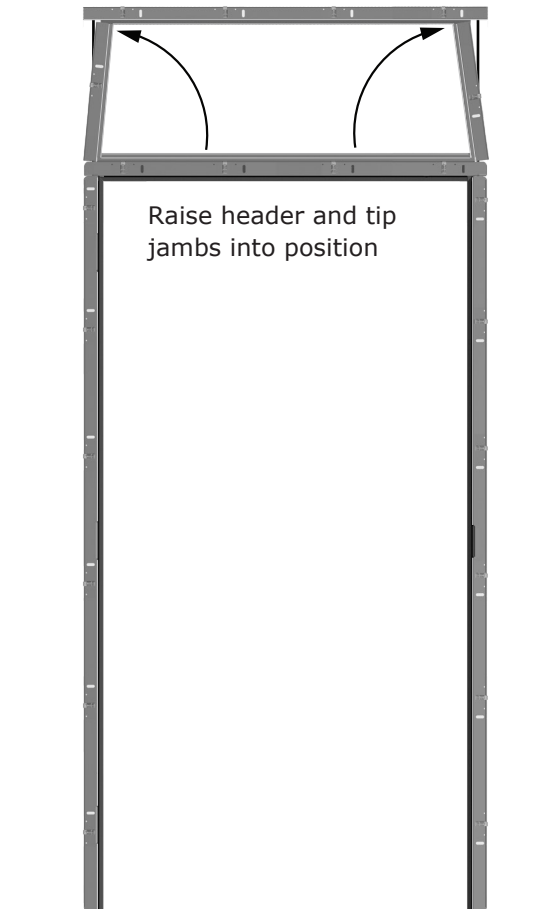
With the door in position, apply fasteners to both jambs on both sides of the wall to secure.



10 INSTALL TRANSM COMPONENTS

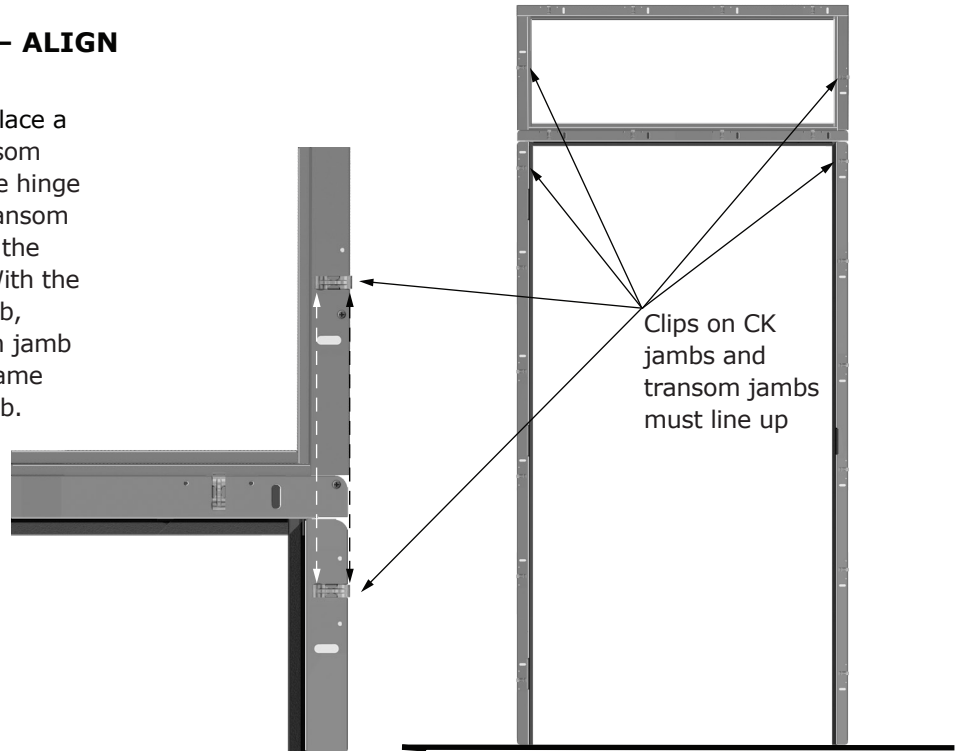
Swing the door out of the opening to provide easy access to the transom area. If wiring is required for the transom, position the wires so they will be accessible when the balance of the frame is installed.

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.



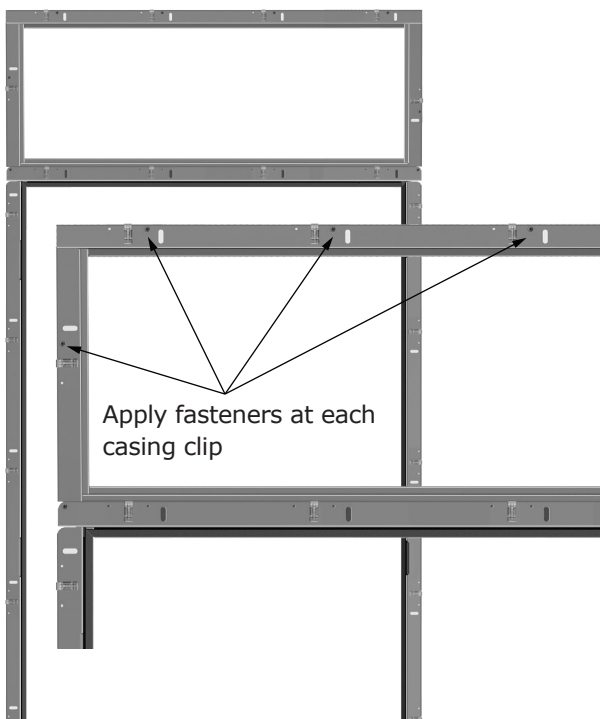
11 TRANSOM JAMBS IN POSITION – ALIGN WITH CLIPS ON CK JAMBS

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.



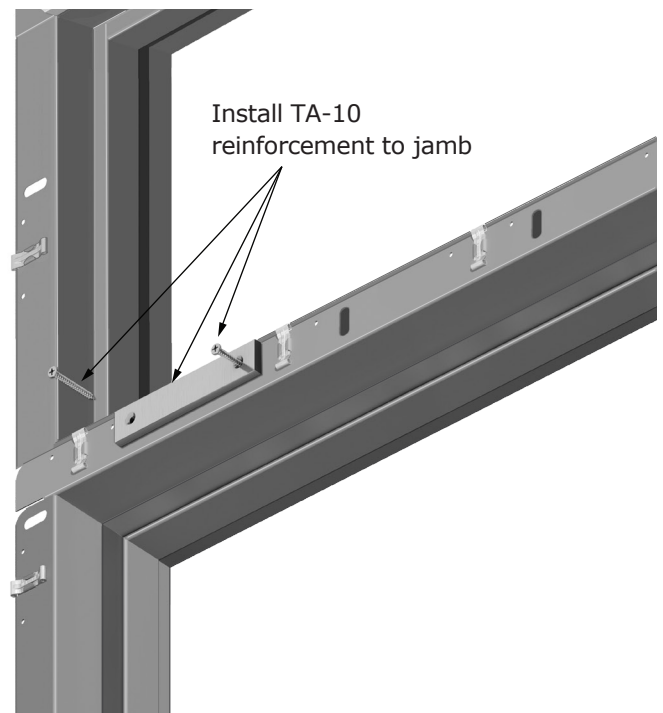
12 SQUARE TRANSOM OPENING

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

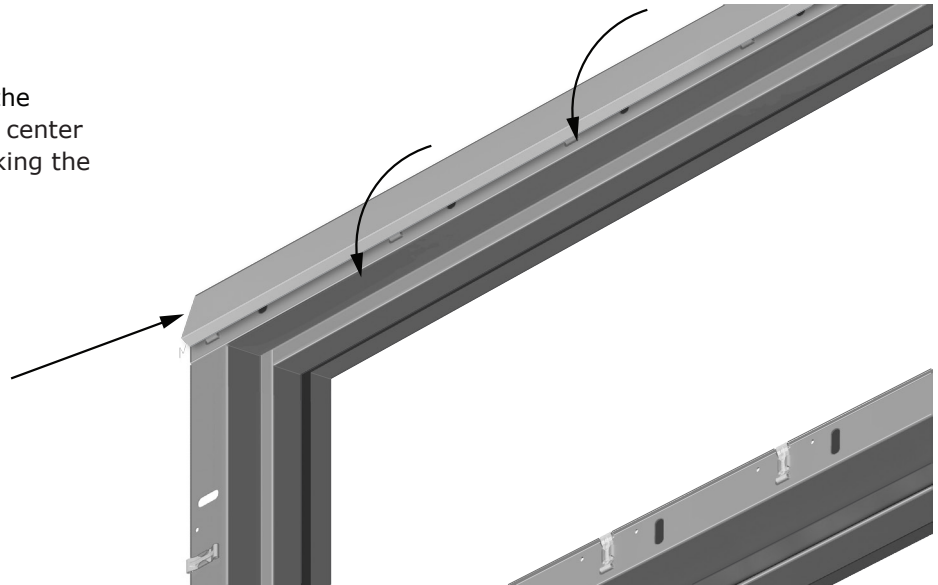
Install TA-10 reinforcement to jamb if using regular arm closers following the instructions in the package. All reinforcements must be installed prior to applying casing.



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.

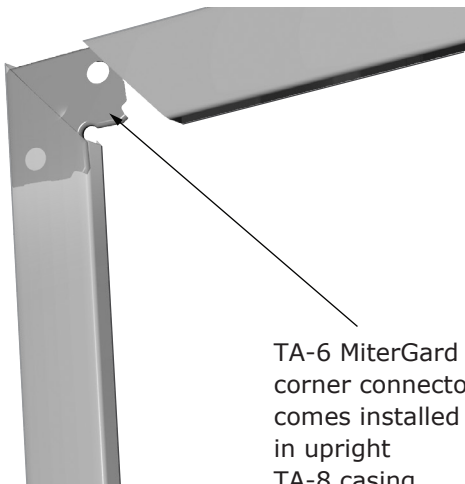
Snap header casing over the header



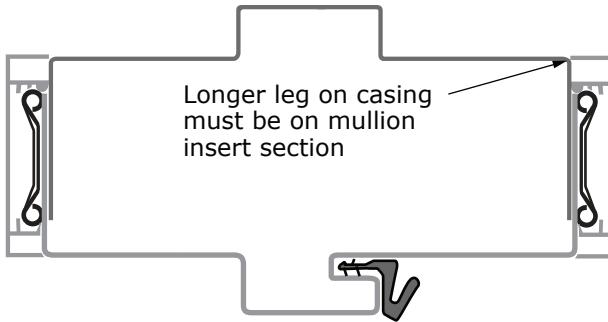
15 **APPLY JAMB CASING**

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.

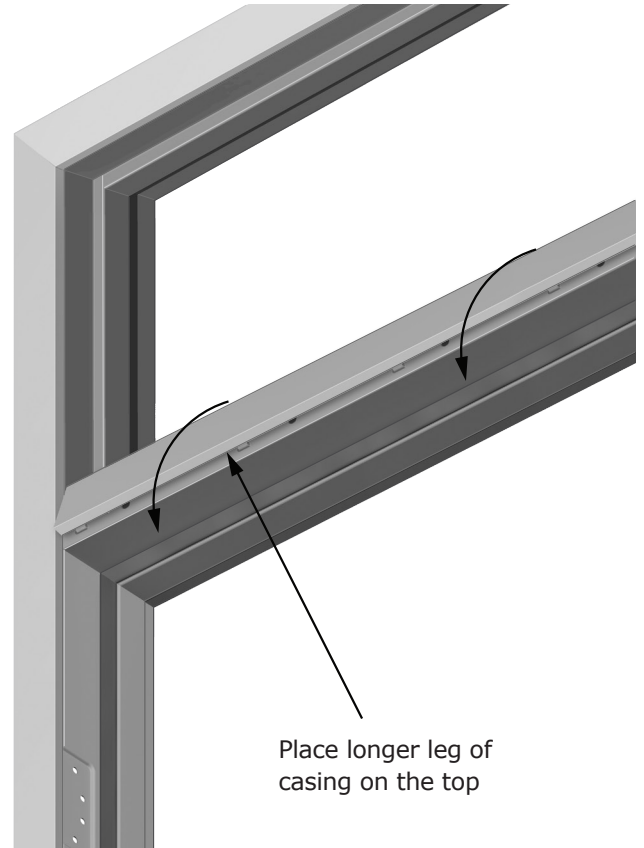
TA-6 MiterGard corner connector comes installed in upright TA-8 casing



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.

