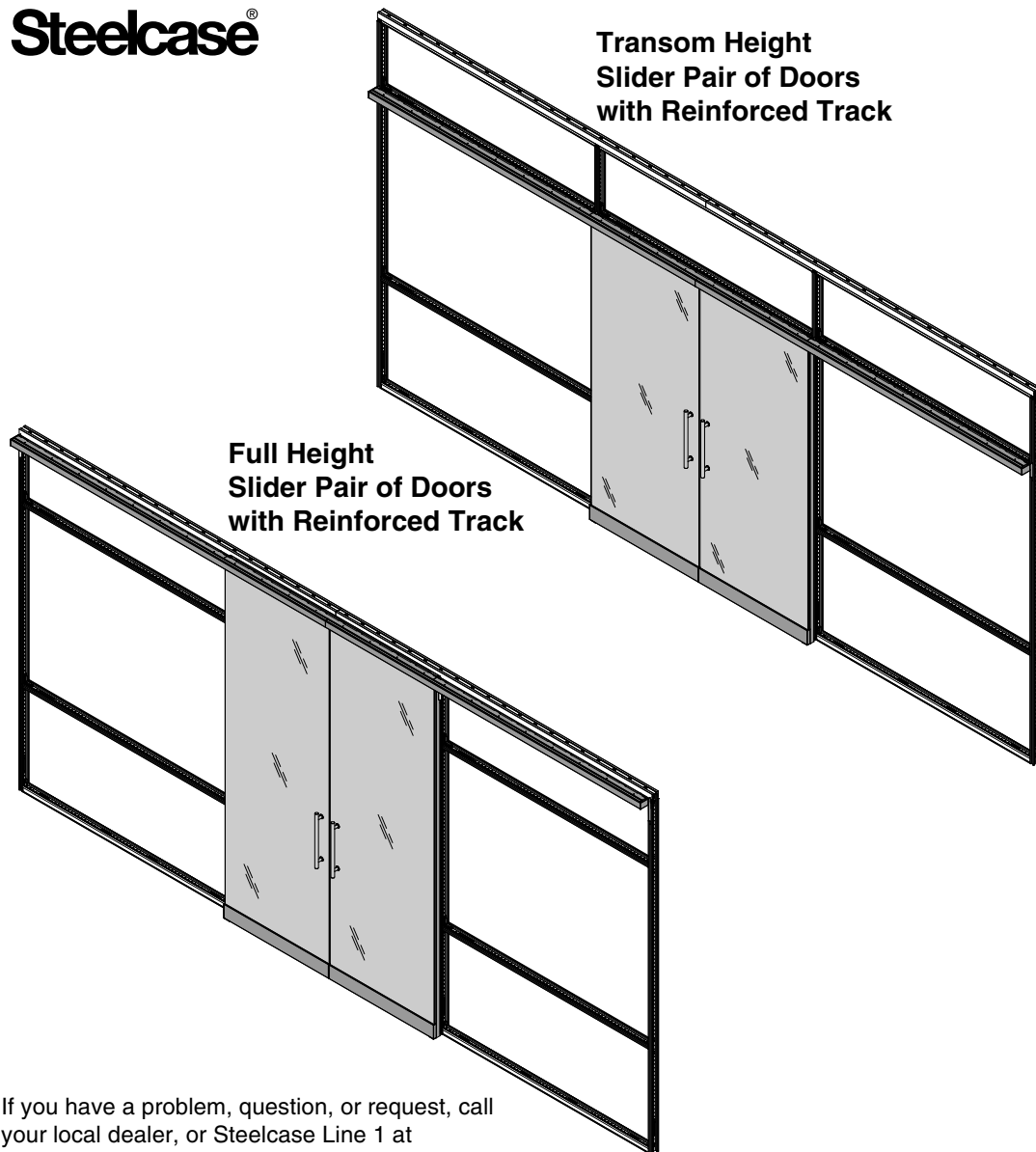


Transom Height
Slider Pair of Doors
with Reinforced Track

Full Height
Slider Pair of Doors
with Reinforced Track



If you have a problem, question, or request, call your local dealer, or Steelcase Line 1 at **888.STEELCASE** (888.783.3522) for immediate action by people who want to help you.

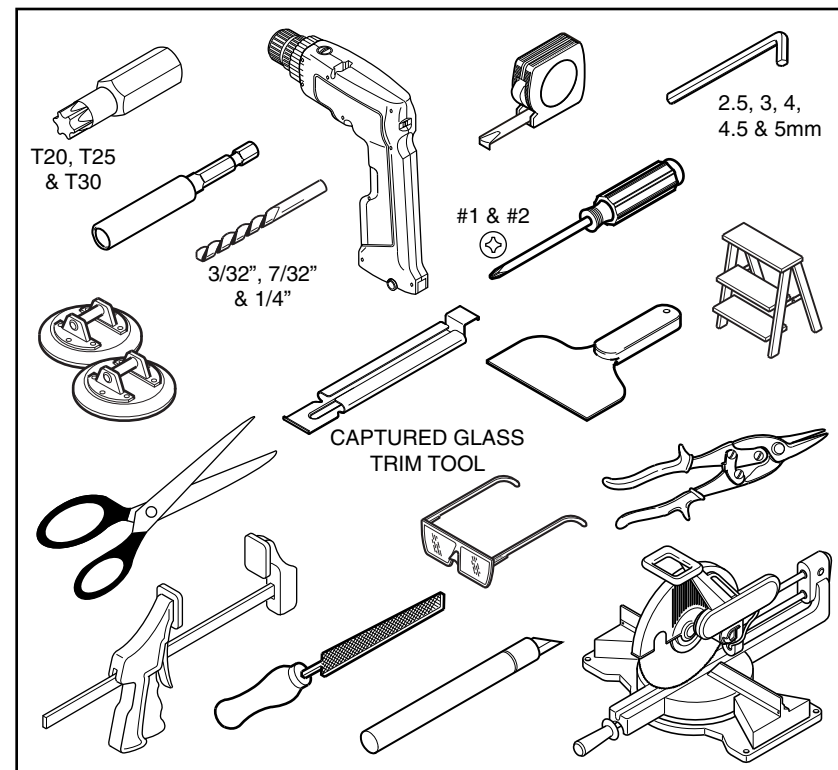
(Outside the U.S.A., Canada, Mexico, Puerto Rico, and the U.S. Virgin Islands, call: 1.616.247.2500)
Or visit our website: www.steelcase.com

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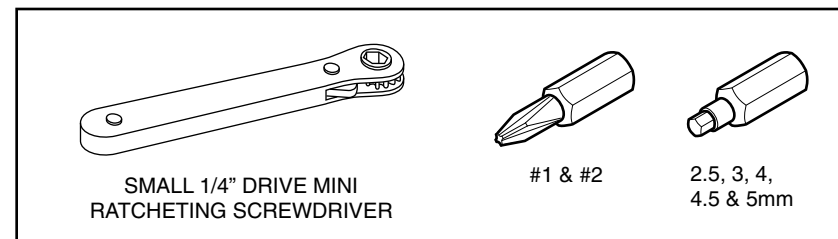
Printed in U.S.A.

V.I.A.™ Slider Pair of Doors

TOOLS REQUIRED


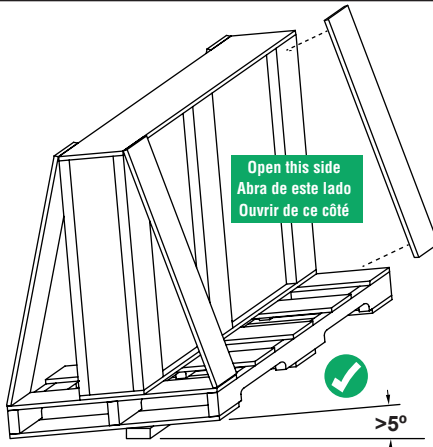




TOOLS THAT WOULD HELP WITH THIS INSTALLATION



ASSEMBLY SEQUENCE

- Door Frame - Full Height or Transom Height
- Track Brackets - Full Height or Transom Height
- Reinforced Door Track
- Glass Door
- Drop Seal
- End Caps and Trim
- Acrylic Spacers
- Bar Pull

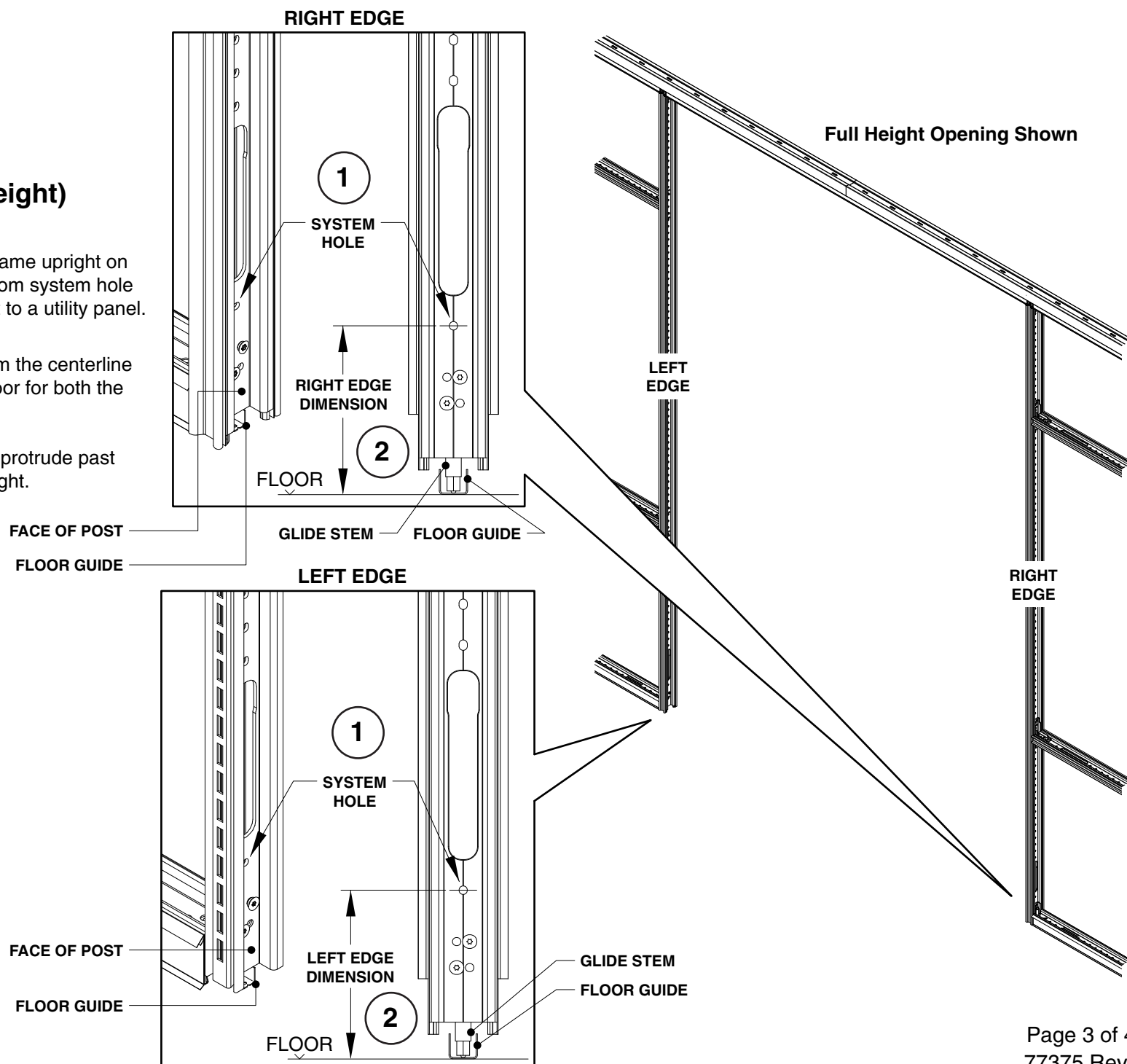
⚠ WARNING ⚠ ADVERTENCIA ⚠ AVERTISSEMENT		
 <p>READ DIRECTIONS AND MANUAL FIRST LEA PRIMERO LAS INSTRUCCIONES Y EL MANUAL LISEZ D'ABORD LES DIRECTIVES ET LE GUIDE</p>		 <p>RISK OF SERIOUS INJURY RIESGO DE LESIONES GRAVES RISQUE DE GRAVES BLESSURES!</p>
Safety Instructions Instrucciones de Seguridad Consignes de Sécurité		
   		
<ul style="list-style-type: none"> • Before opening, ensure crate is stable and tilted at least 5 degrees to prevent glass from falling out. • To open, cut any bands first and pry off boards on front of crate. • Before removing glass, check crate and remove protruding nails or screws that could scratch glass. • Wear appropriate personal protective equipment (safety glasses, gloves, safety shoes and skin protection). • Tempered Glass is very heavy and can shatter while handling. Use two or more people to handle glass. • Handle carefully. A scratched surface, damaged surface, or edge impact can cause the glass to shatter suddenly into sharp pieces. 		
<ul style="list-style-type: none"> • Antes de abrir, asegúrese de que la caja esté estable e inclinada al menos por 5 grados para evitar que el vidrio se salga de la caja. • Para abrir, corte primero las bandas de embalaje y luego separe las tablas del frente de la caja. • Antes de retirar el vidrio, chequee la caja y quite los clavos o tornillos salientes que puedan rayar el vidrio. • Use el equipo apropiado de protección personal (gafas de seguridad, guantes, zapatos de seguridad y protección para la piel). • El vidrio templado es muy pesado y se puede romper durante su manipulación. Use dos o más personas para manipular el vidrio. • Manéjelo con cuidado. Una superficie rayada o dañada, o el impacto sobre el borde pueden causar que el vidrio se rompa de repente en trozos afilados. 		
<ul style="list-style-type: none"> • Avant d'ouvrir, assurez-vous que la caisse à claire-voie est stable et inclinée d'au moins 5 degrés pour éviter que la vitre bascule hors de la caisse. • Pour ouvrir, coupez d'abord les bandes d'emballage, puis écarter les bords sur le devant de la caisse. • Avant de retirer la vitre, vérifiez la caisse et enlevez les clous ou les vis qui pourraient dépasser et qui pourraient égratigner la vitre. • Portez de l'équipement de protection individuelle approprié (lunettes de sécurité, gants, chaussures de sécurité et vêtements de protection). • Le verre trempé est très lourd et peut se briser en éclats lorsqu'on le manipule. Au moins deux personnes sont nécessaires pour manipuler la vitre. • Manipulez avec soin. Une surface égratignée ou endommagée ou encore un choc sur le rebord peut faire en sorte que le verre se brise soudainement en éclats tranchants. 		

Door Frame (Full or Transom Height)

1. Locate “system hole” in frame upright on both sides. Remove screw from system hole if installing a door frame next to a utility panel.

2. Measure the distance from the centerline of the “system hole” to the floor for both the left edge & the right edge.

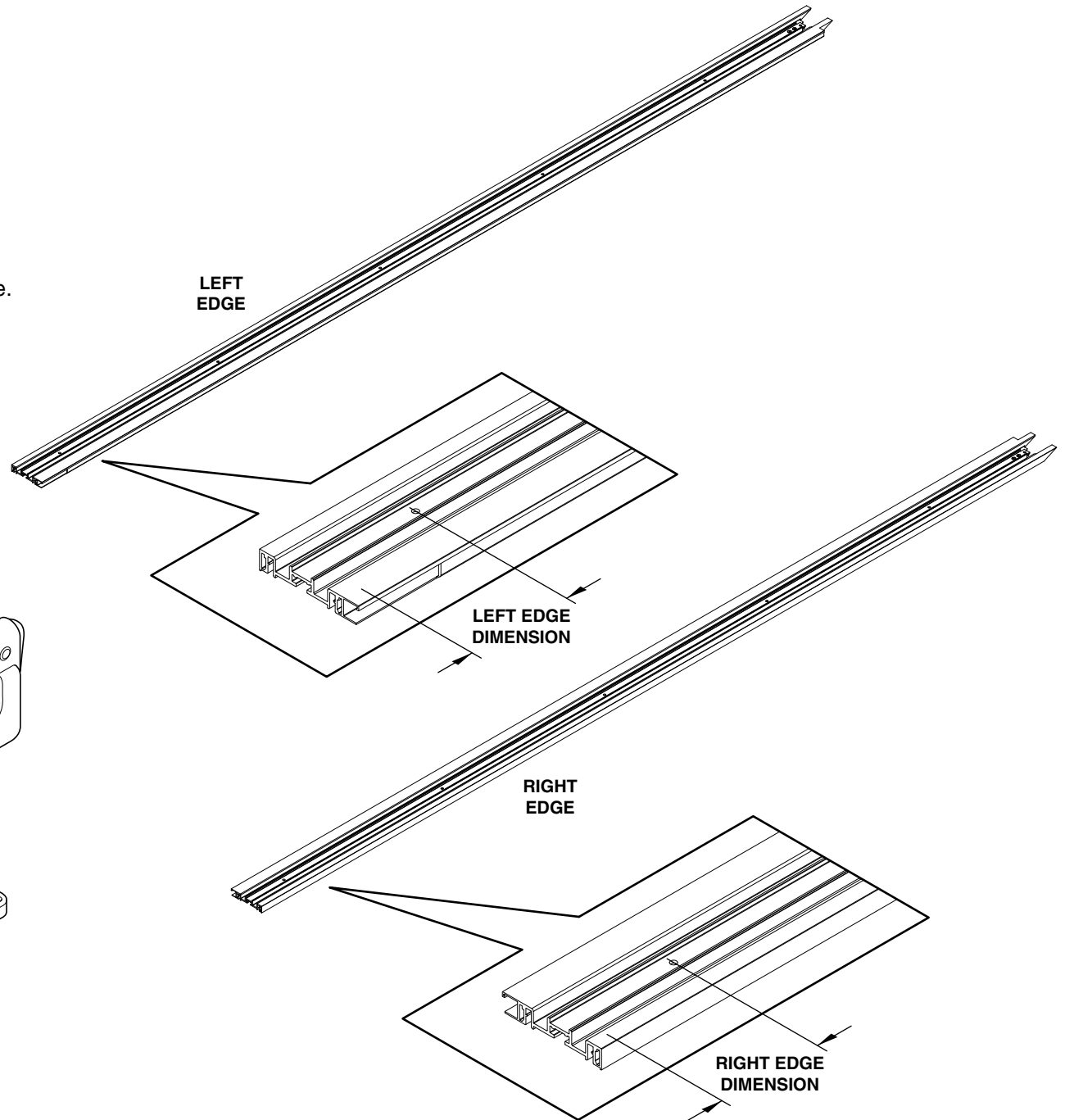
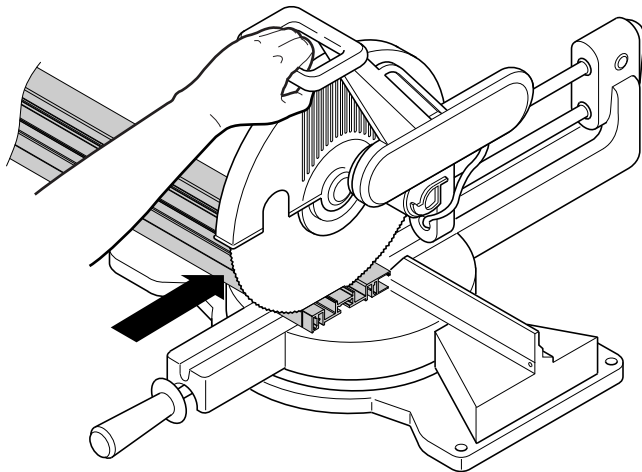
NOTE: Floor guide must not protrude past face of channel in frame upright.



3. Cut the left edge & right edge of the door vertical assemblies per the dimension measured in step 2.

Do this step for both full height & transom height.

NOTE: DO NOT cut the end that has the miter angle.



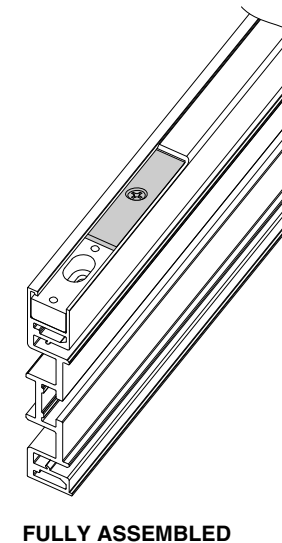
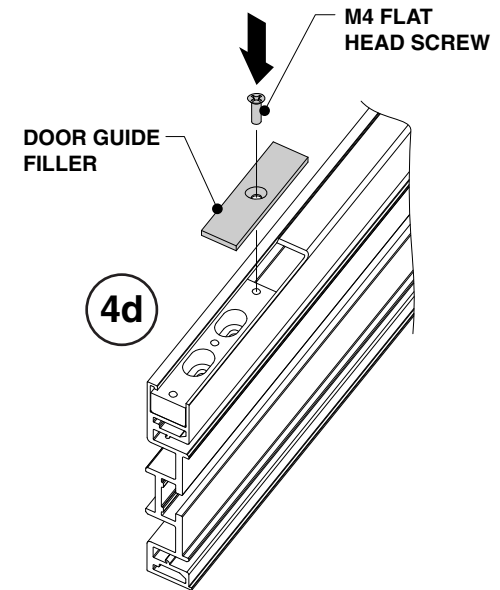
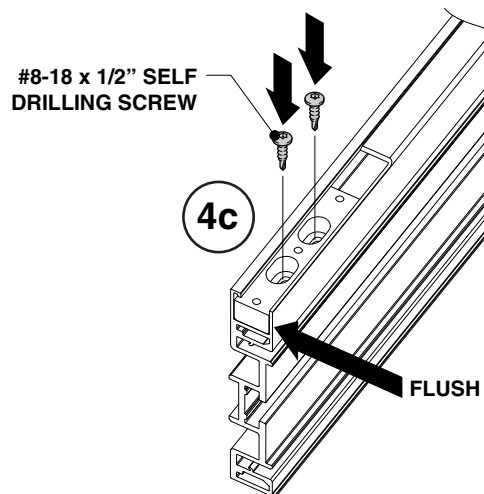
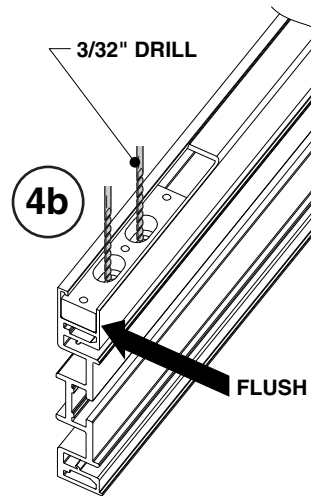
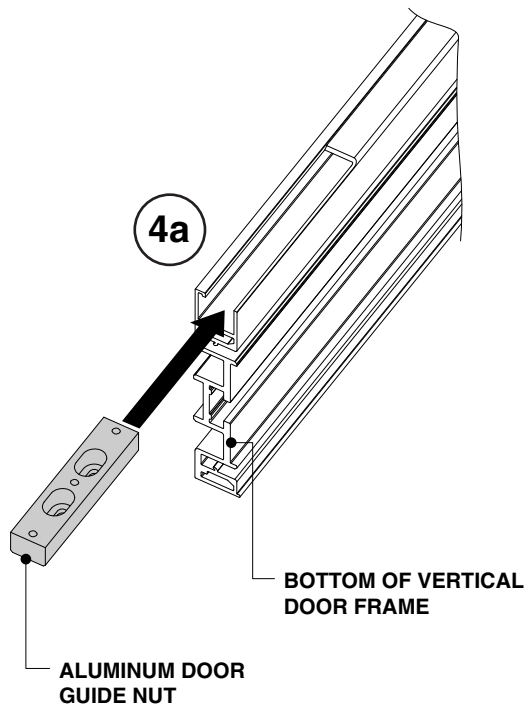
4. Install one (1) aluminum door guide nut and one (1) door guide filler into each vertical door frame.

4a. Slide door guide nut into bottom of vertical door frame.

4b. Ensure bottom of door guide nut is flush with bottom of vertical door frame and drill a 3/32" pilot hole at the center of each slot.

4c. Install #8-18 x 1/2" self drilling screw (T20 star bit) in each hole.

4d. Assemble door guide filler with M4 flat head screw (T20 star bit).



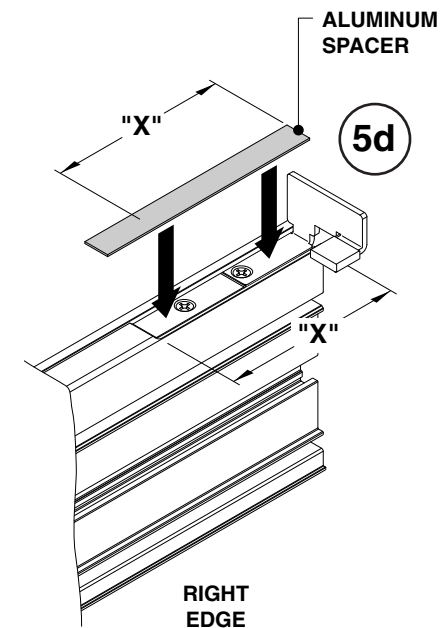
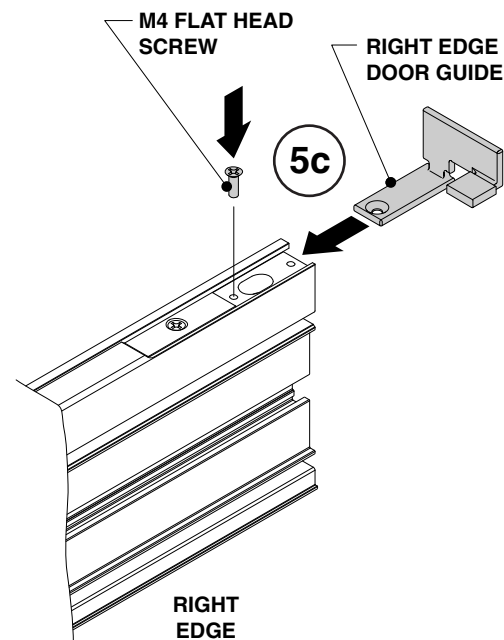
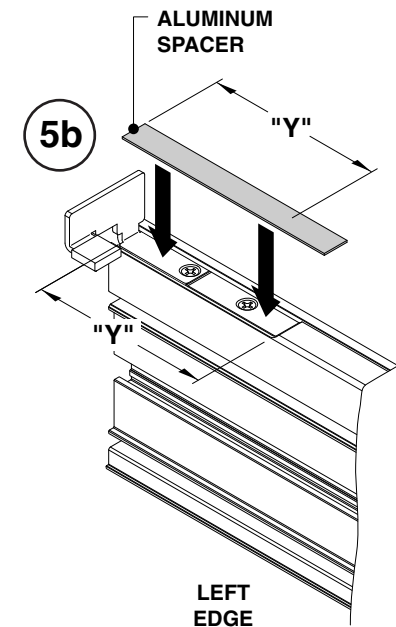
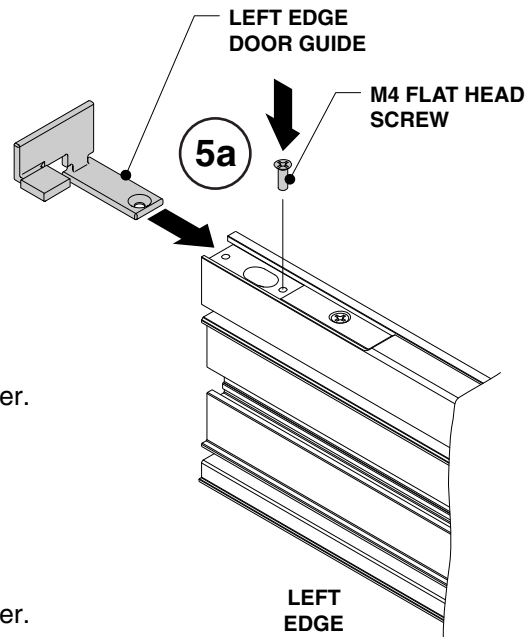
5. Install left and right edge door guides.

5a. Assemble left edge door guide with a M4 flat head screw (T20 star bit).

5b. Cut aluminum spacer to size with tin snips. Reveal adhesive on back and stick to door guide and filler.

5c. Assemble right edge door guide with a M4 flat head screw (T20 star bit).

5d. Cut aluminum spacer to size with tin snips. Reveal adhesive on back and stick to door guide and filler.

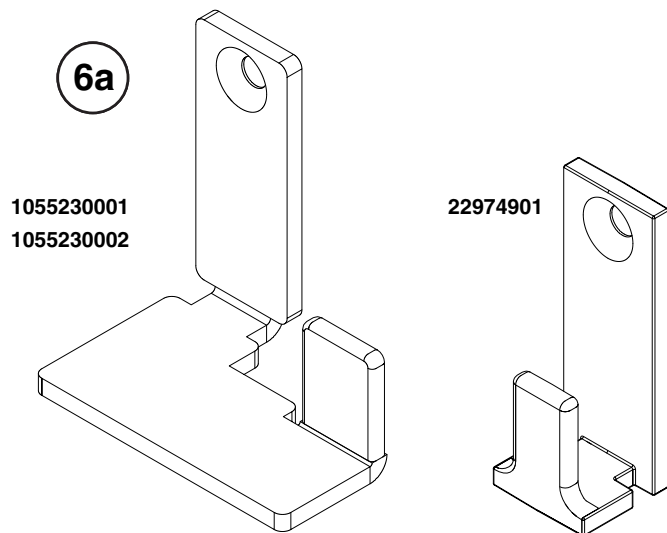
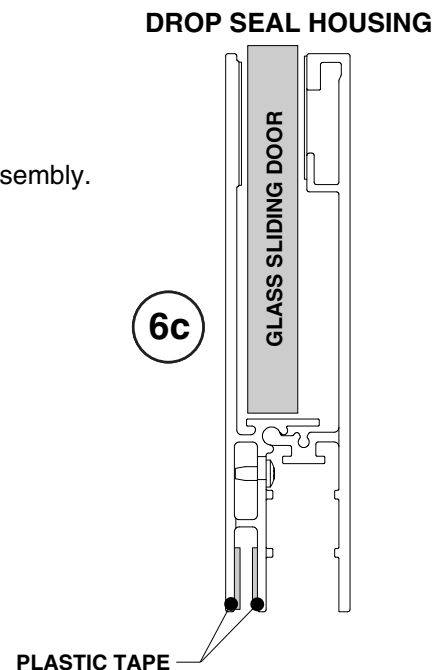


NOTE: This page only applies if you are replacing an existing trailing edge guide and NOT replacing the drop seal housing assembly.

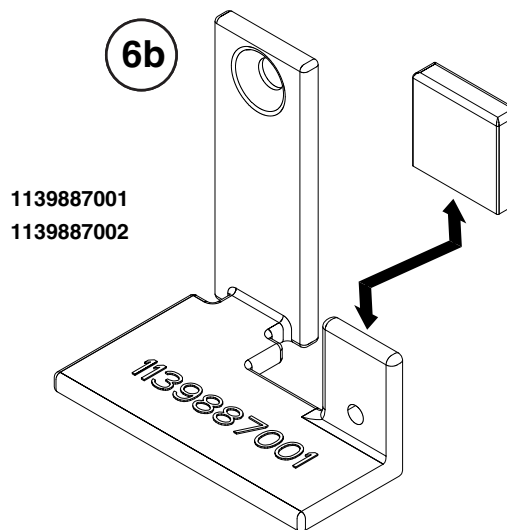
6. Replace the trailing edge guide

Remove the old trailing edge guide (6a). Determine whether there is plastic tape in the drop seal housing. To see this area, remove an end-cap from the drop seal housing as shown in the diagram to the right (6c):

- If there is no plastic tape, use the current trailing edge guide with the cap (6b).
- If this plastic tape exists and is in good condition, then remove the plastic cap from the current trailing edge guide (6b).
- If the track is bent, replace the entire Drop Seal Housing (6c). If the plastic tape is wrinkled, torn, worn, or in questionable condition, either replace the entire drop seal housing or remove the plastic tape and ALL adhesive residue. It is imperative to remove ALL adhesive residue. You will need to remove the door from the frame to do this operation. When removing the door, do not rest the weight of the door on the Drop Seal Housing. It generally takes less time to replace the housing assembly than clean all residue from the track.



Obsolete Trailing Edge Guide with no cap and no hole. DO NOT put a plastic cap on this. This is NOT compatible with Drop Seal Housings that have no plastic tape.



Current Trailing Edge Guide with removable cap and hole in short leg. If your Drop Seal Housing has plastic tape, remove the cap. If your Drop Seal Housing has no tape, leave the cap on.

IMPROPER
INSTALLATION

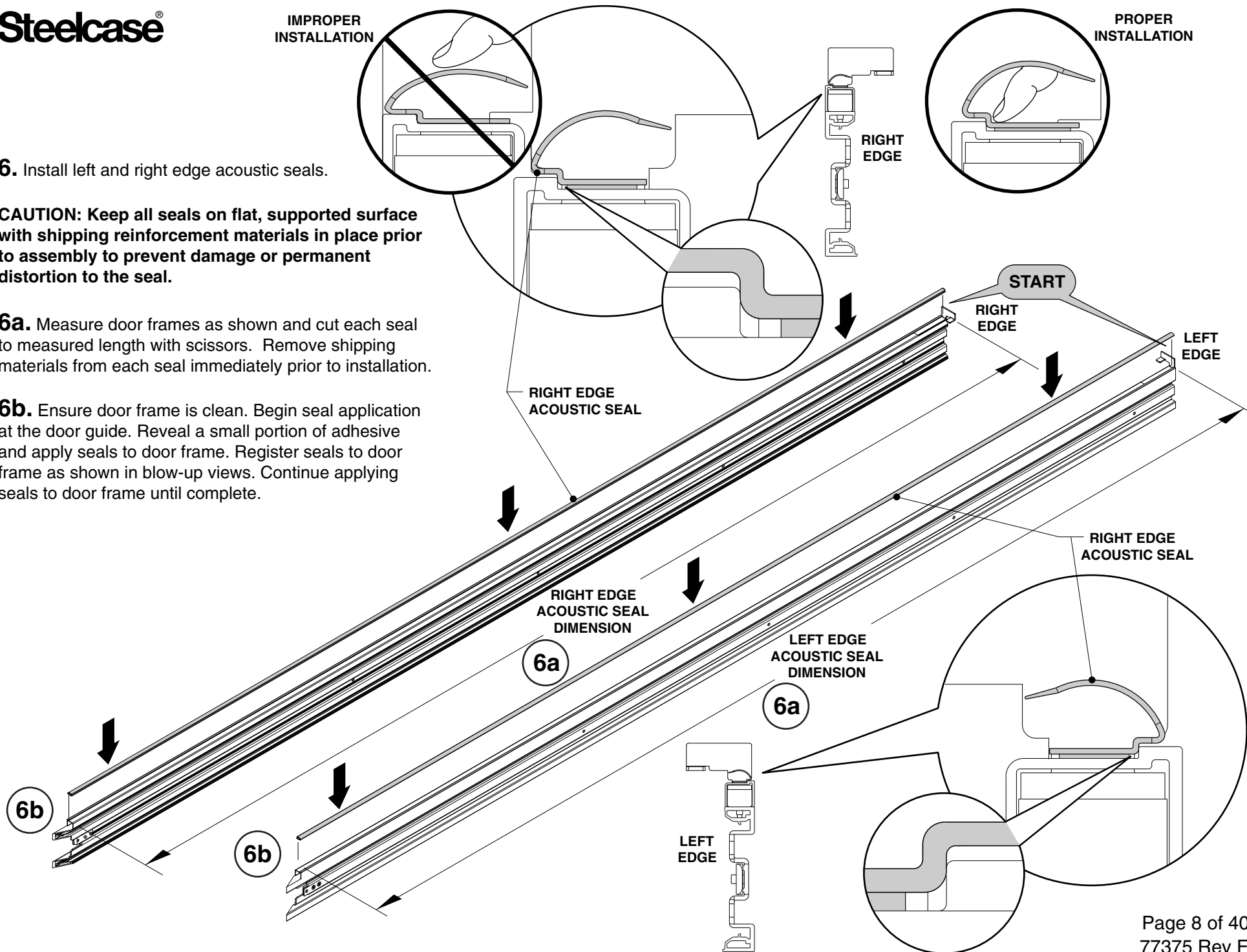
PROPER
INSTALLATION

6. Install left and right edge acoustic seals.

CAUTION: Keep all seals on flat, supported surface with shipping reinforcement materials in place prior to assembly to prevent damage or permanent distortion to the seal.

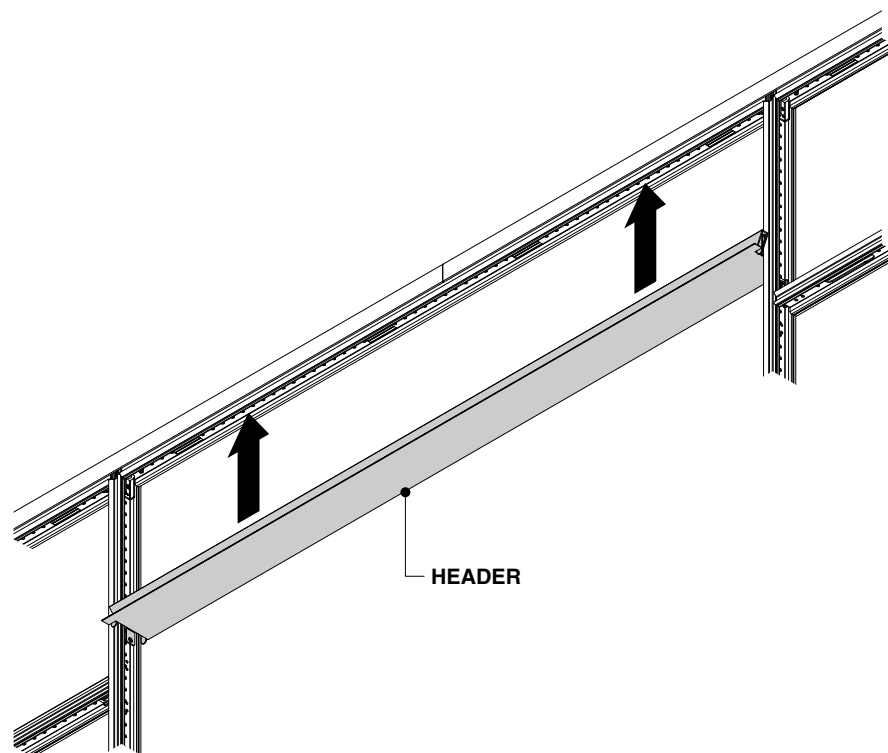
6a. Measure door frames as shown and cut each seal to measured length with scissors. Remove shipping materials from each seal immediately prior to installation.

6b. Ensure door frame is clean. Begin seal application at the door guide. Reveal a small portion of adhesive and apply seals to door frame. Register seals to door frame as shown in blow-up views. Continue applying seals to door frame until complete.



For Full Height header:
(See page 10 for for transom height header)

7. Install header at top of door opening by pushing it over the horizontal structural member.



For Transom Height header:

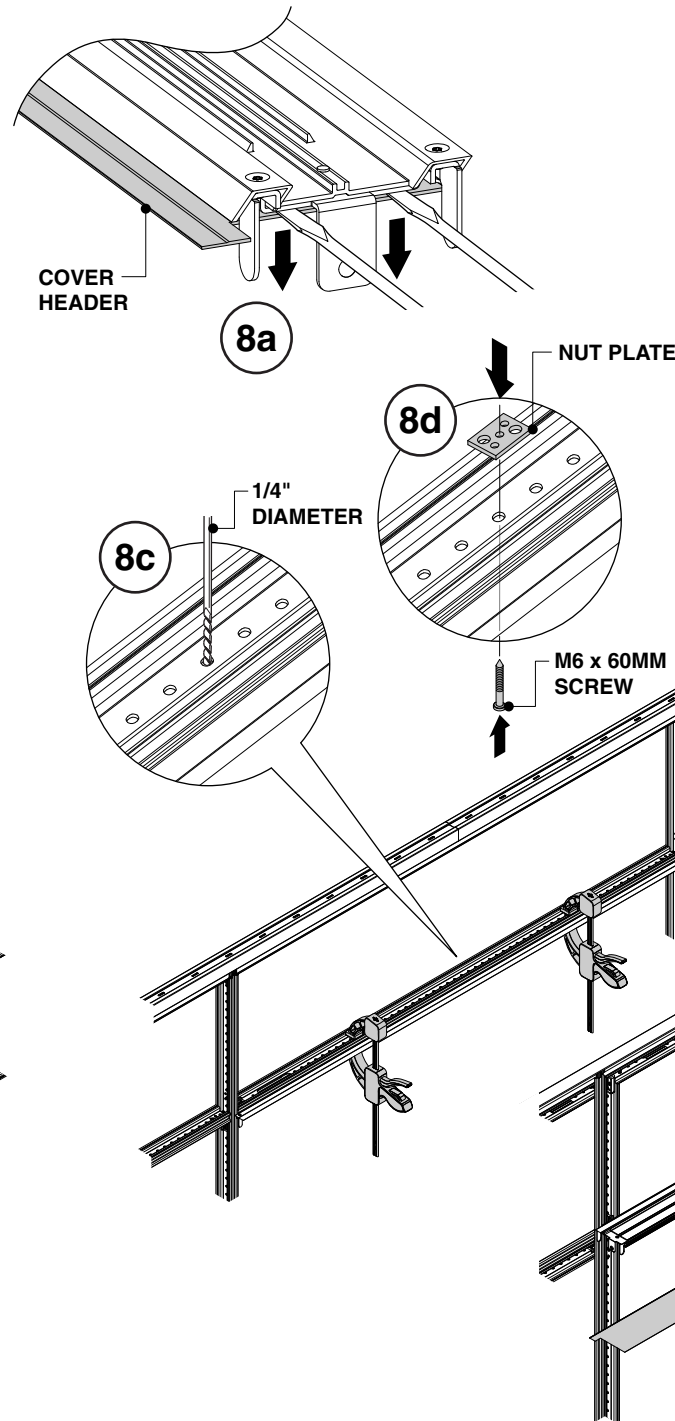
8a. Remove cover header.

8b. Install header and clamp to structure.

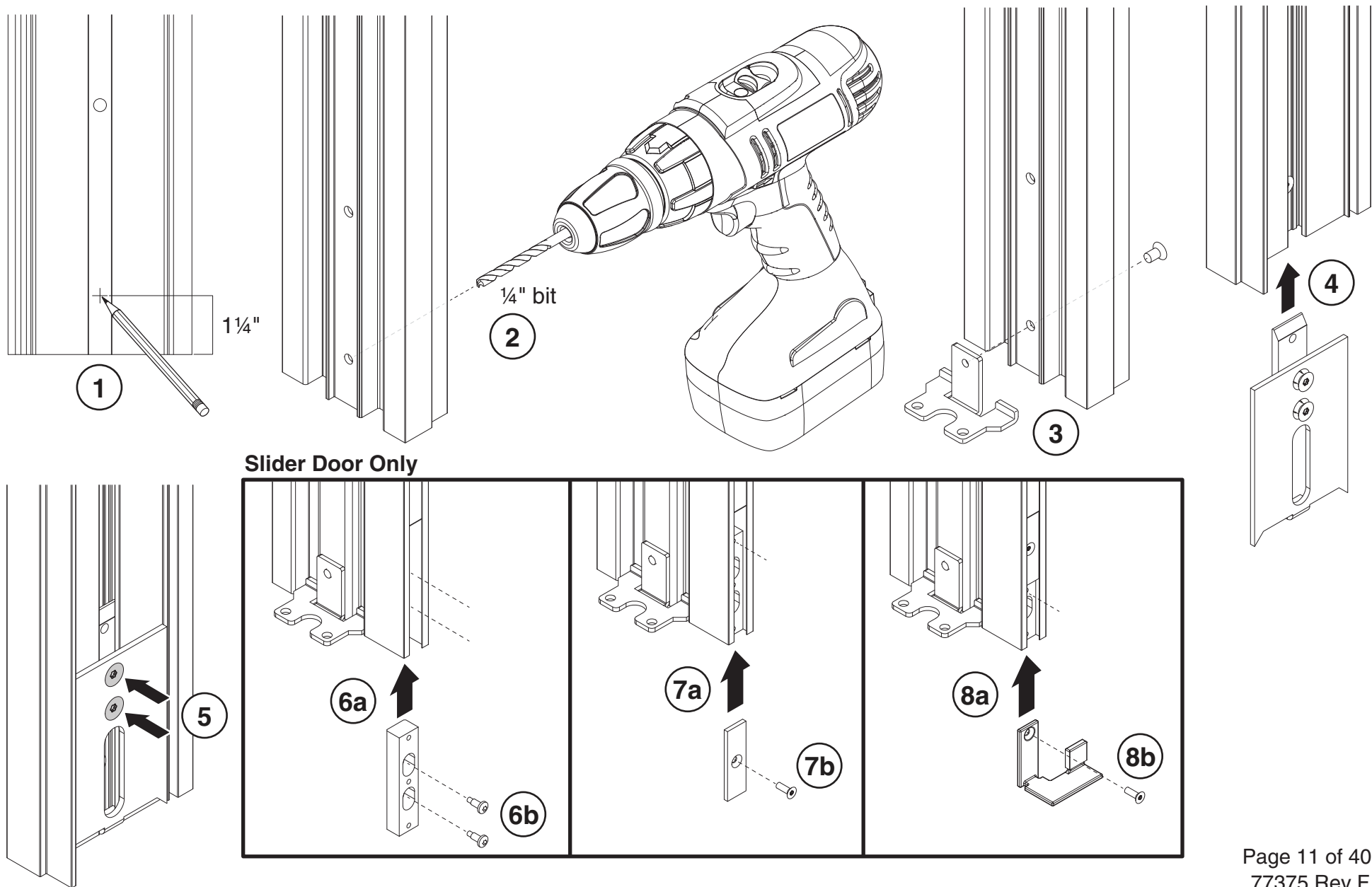
8c. Use slot in structure at center of door opening for location and drill 1/4" hole through header.

8d. Place nut plate on top side of structure and drive M6 button head screw through header and structure. Tighten screw until the header is straight.

8e. Remove clamps and install cover header that was removed in step 8a.



V.I.A. Door Frames



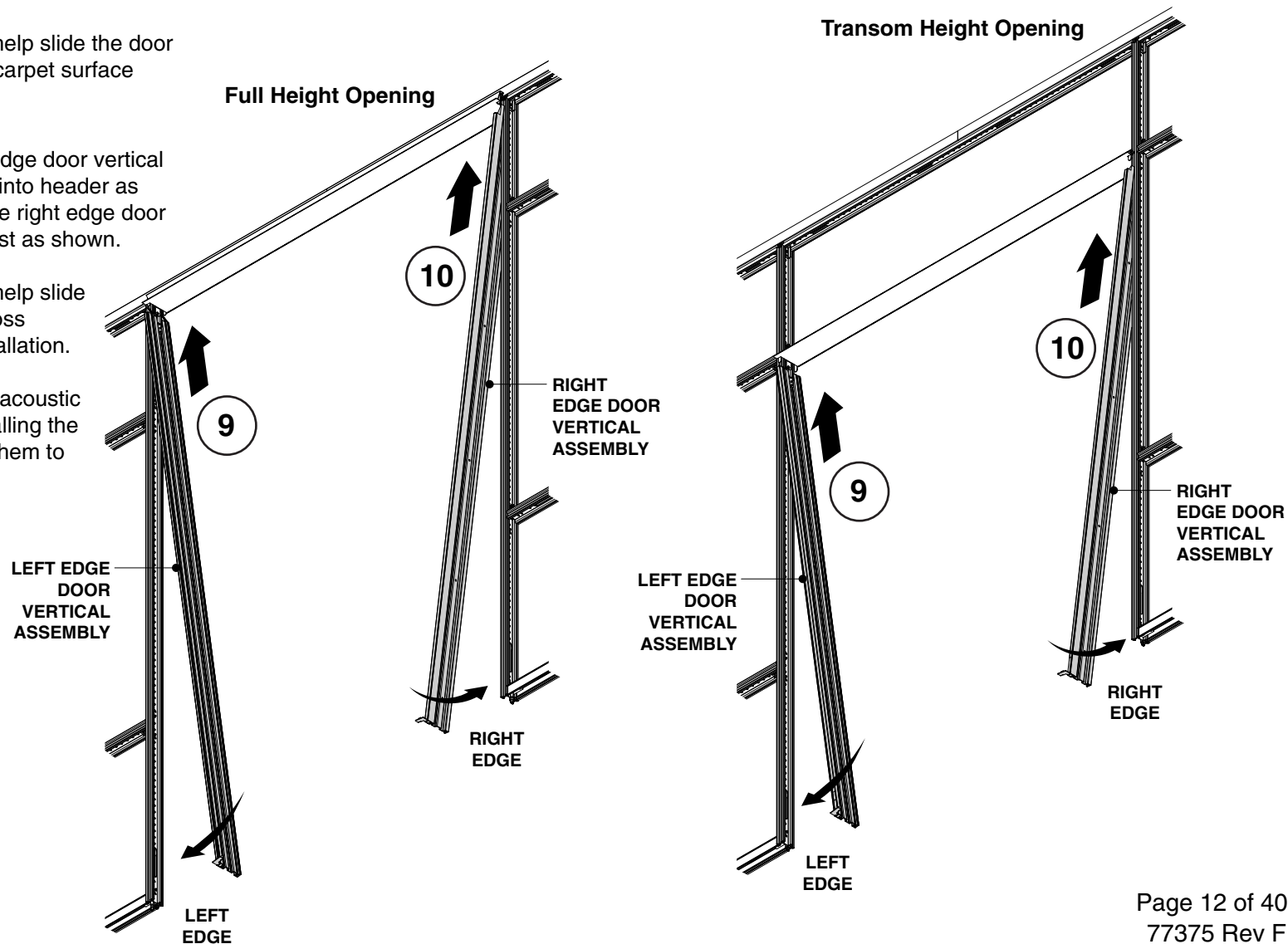
9. Push the top of the left edge door vertical assembly upward and engage into header as shown. Rotate the bottom of the left edge door vertical assembly to vertical post as shown.

TIP: Use a dry wall spatula to help slide the door vertical assembly across floor/carpet surface during installation.

10. Push the top of the right edge door vertical assembly upward and engage into header as shown. Rotate the bottom of the right edge door vertical assembly to vertical post as shown.

TIP: Use a dry wall spatula to help slide the door vertical assembly across floor/carpet surface during installation.

TIP: Spraying the vertical post acoustic seal with Windex® prior to installing the door frame verticals will allow them to slide on more easily.



11. Secure header to left edge & right edge door vertical assemblies. Secure with M6 x 12mm flat head machine screw.

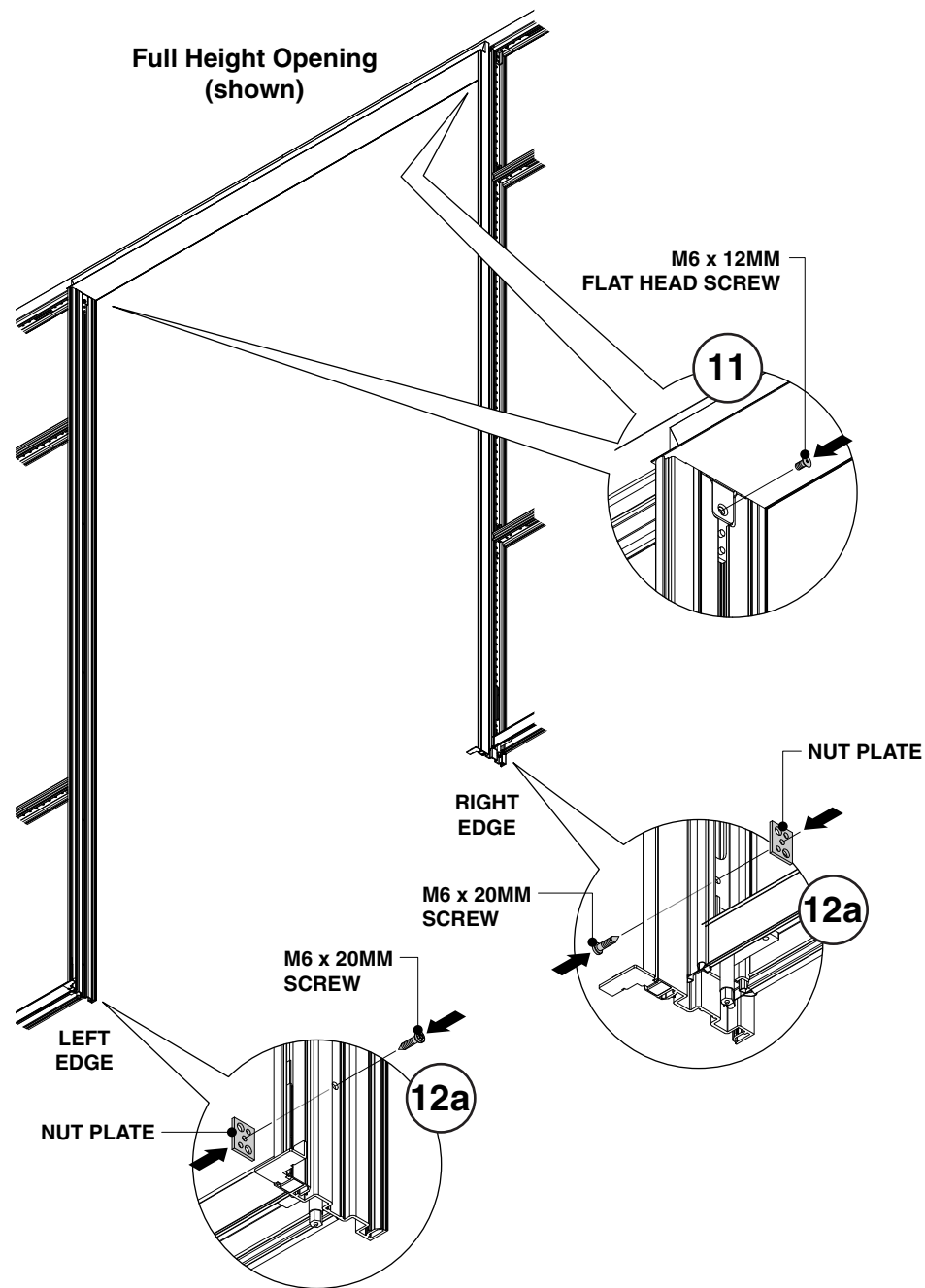
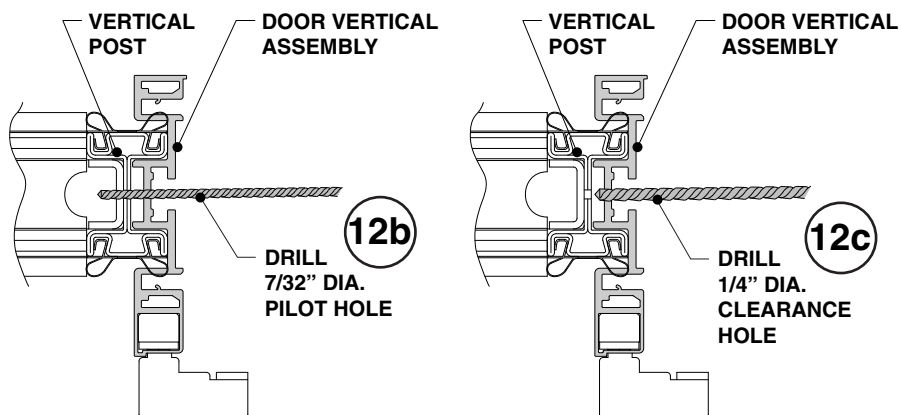
12. Align system hole on left edge & right edge door vertical assemblies to the system hole in frame upright. Secure with M6 x 20mm torx socket cap thread-forming screw and nut plate (12a).

IF THE BACK SIDE OF THE STRUCTURAL VERTICAL IS INACCESSIBLE:

- Place a screw through the system hole to provide vertical location.
- Drill a 7/32" hole through the aluminum door frame vertical and steel structure behind just above the system hole (12b).
- Open up the hole in the aluminum vertical to 1/4" (12c).
- Install a M6 x 20mm torx socket cap thread-forming screw in each hole.

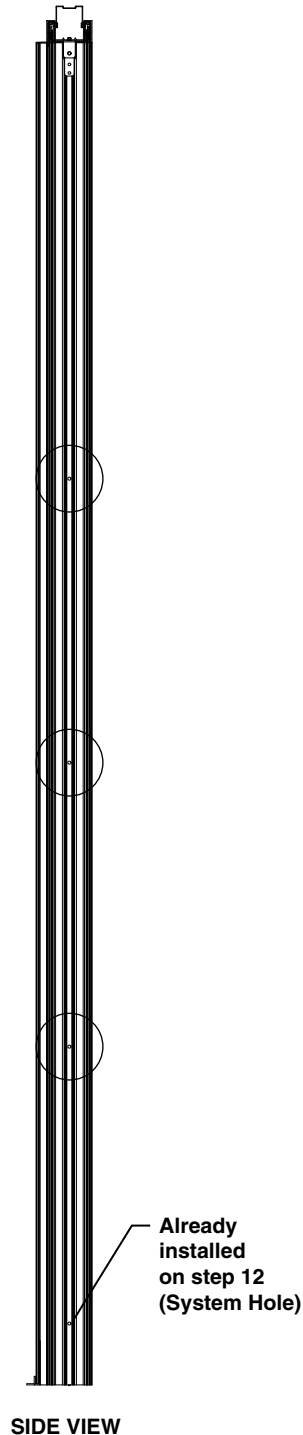
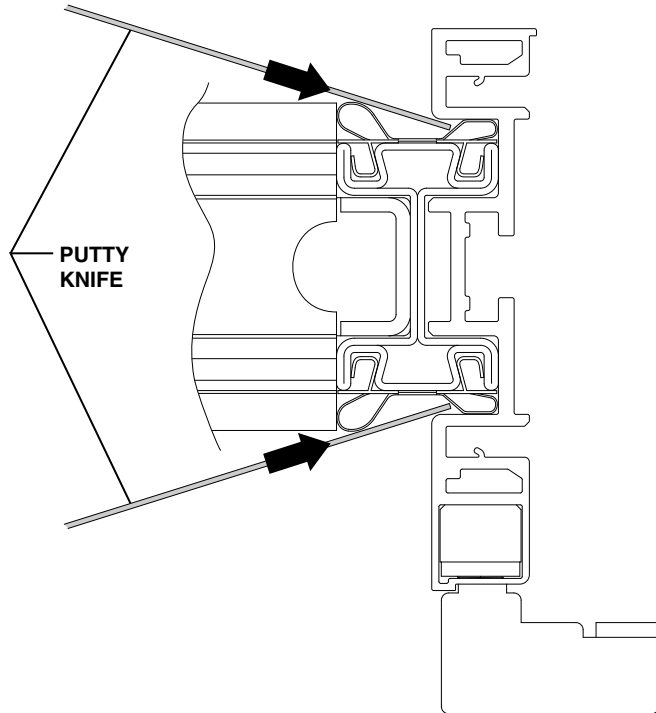
ASSEMBLY TIPS:

- Use a phillips screwdriver to help align the holes.
- Tuck adjacent base trim in behind door vertical to avoid potential interference during door frame installation.
- Nut plate is **NOT** required for the following applications:
door vertical next to a junction (thread feature provided by each).

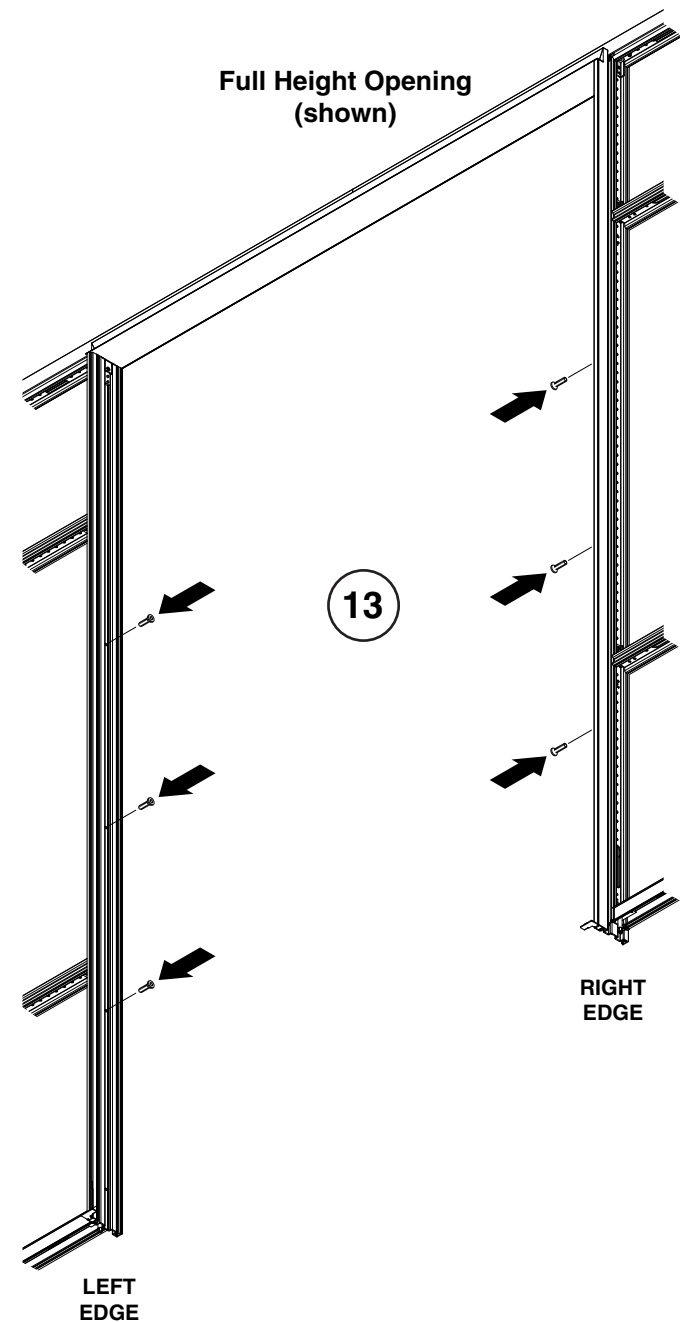


13. Use each pre-drilled hole in the aluminum as a guide hole and drill a 7/32" hole through the steel upright to install the M6 x 20mm screw into. Secure the left edge & right edge door frame vertical to the vertical post with M6 x 20mm torx socket cap thread-forming screw into each hole. After the screws are installed, tuck the structural post acoustic seal behind door frame vertical.

- If any of the pre-drilled holes have obstructions behind them that prevent their usage:
 - Measure 1-1/4" up or down from the pre-drilled hole and repeat the previous instructions for drilling a new attachment hole using the 7/32" and 1/4" drills. See steps 11b & 11c on page 11.



SIDE VIEW



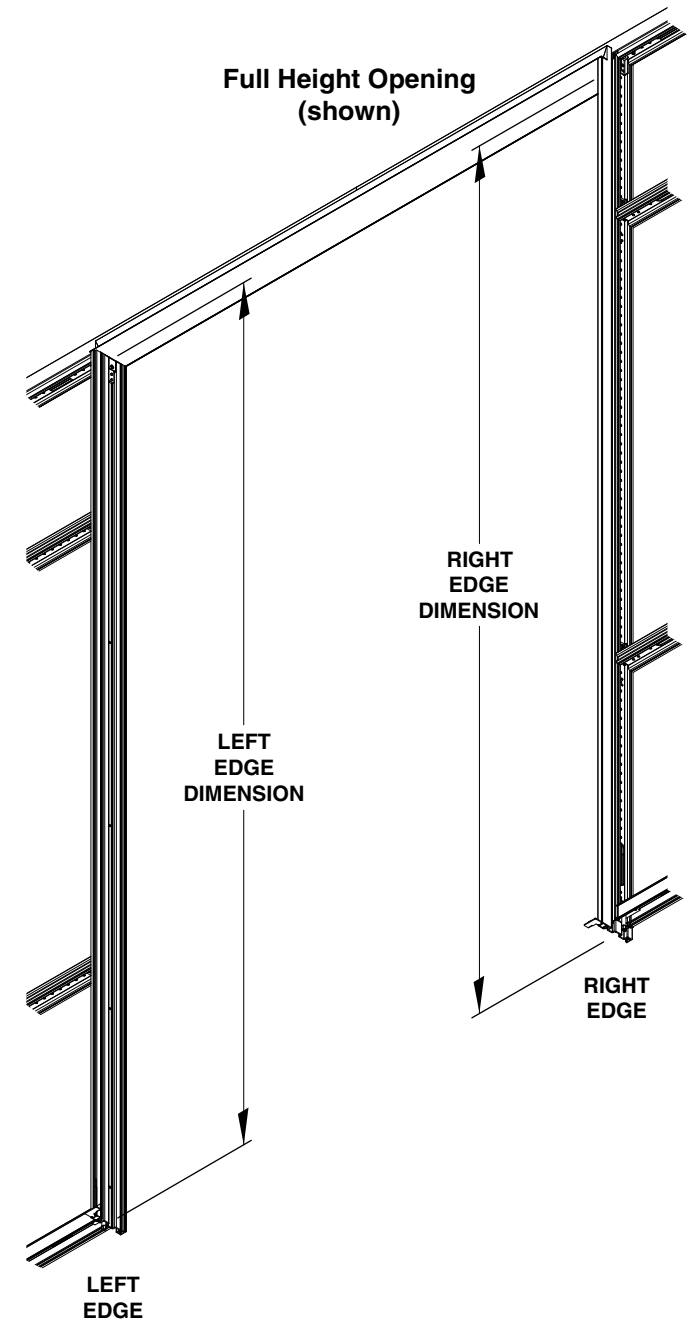
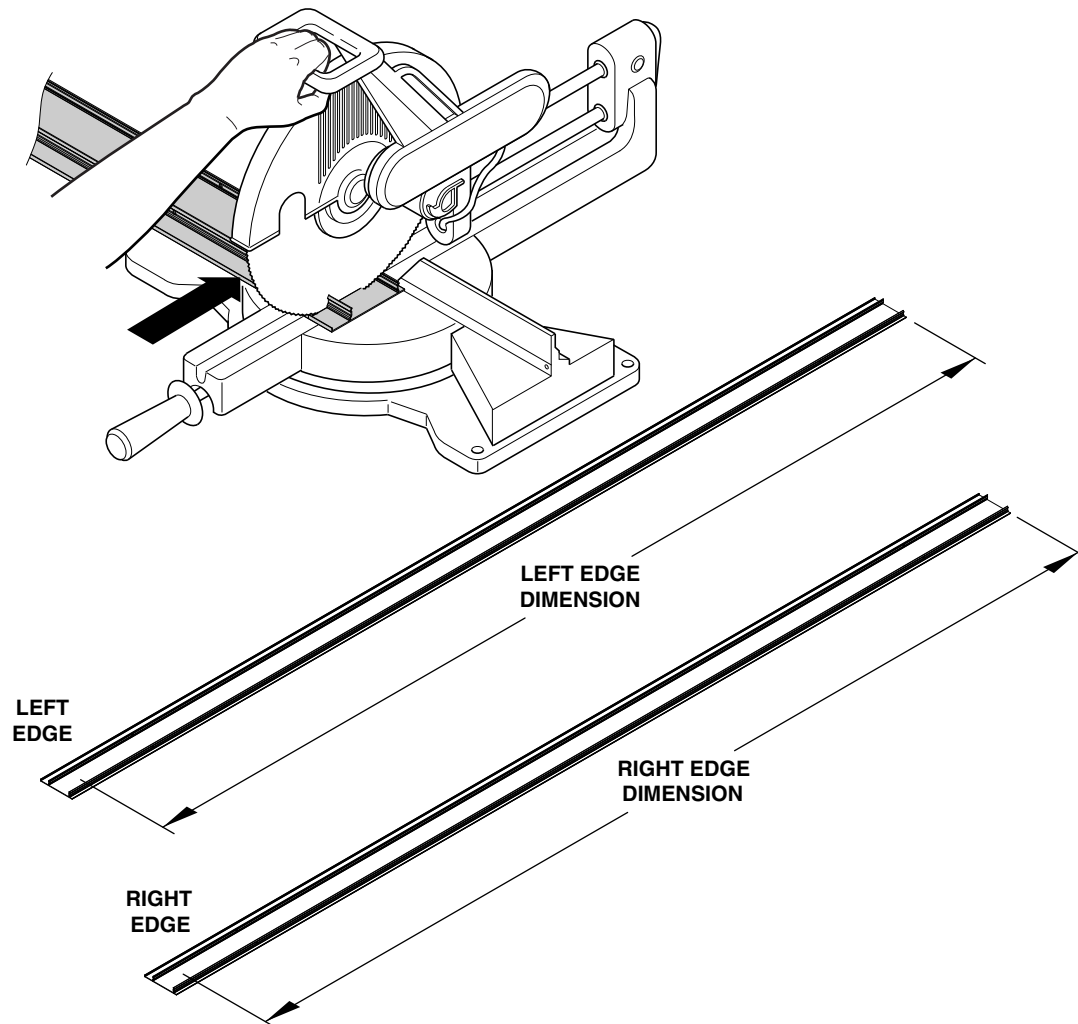
Full Height Opening
(shown)

RIGHT
EDGE

LEFT
EDGE

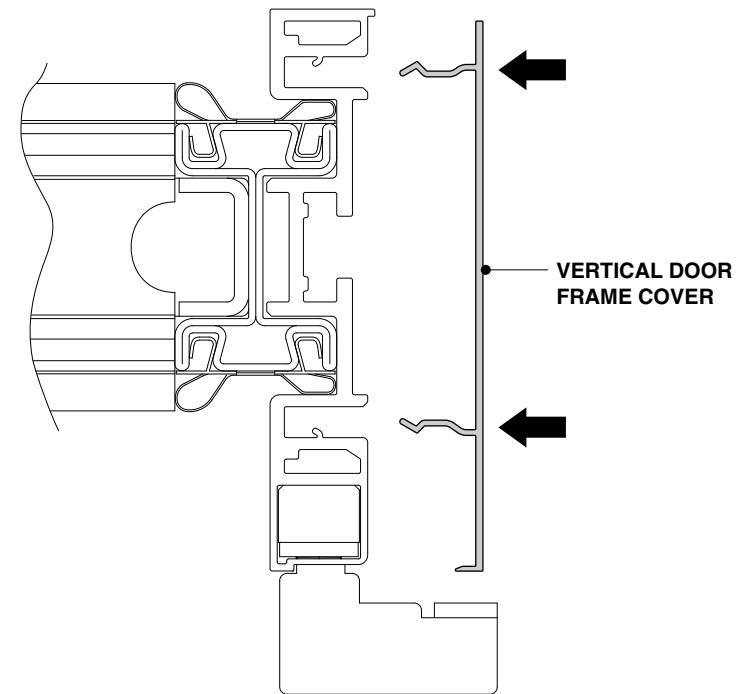
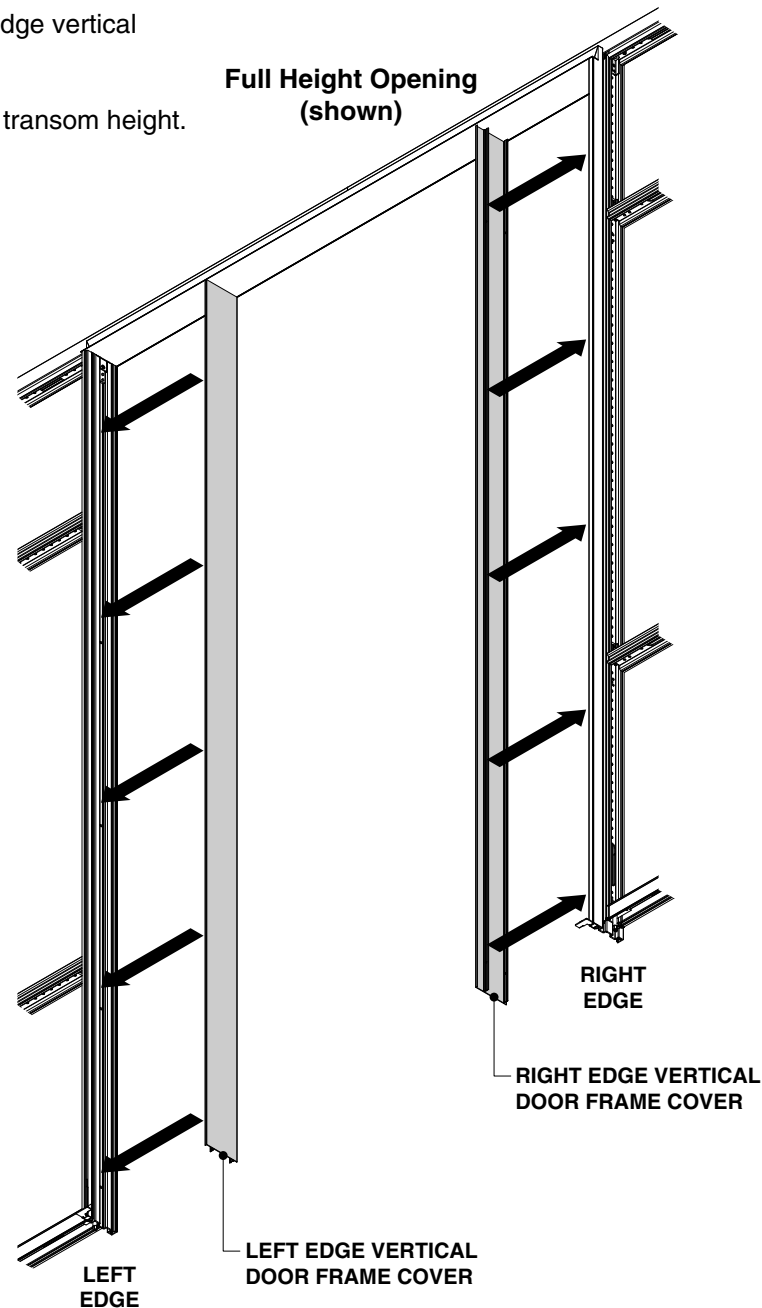
14. Cut the left edge & right edge of the vertical door frame cover per the dimensions measured.

Do this step for both full height & transom height.



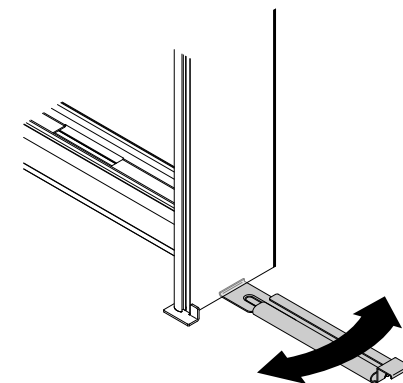
15. Install the left edge & right edge vertical door frame cover as shown.

Do this step for both full height & transom height.



VERTICAL COVER REMOVAL PROCESS:

Place thin right angle blade of captured glass trim tool behind the cover, at the floor, and rotate to disengage.



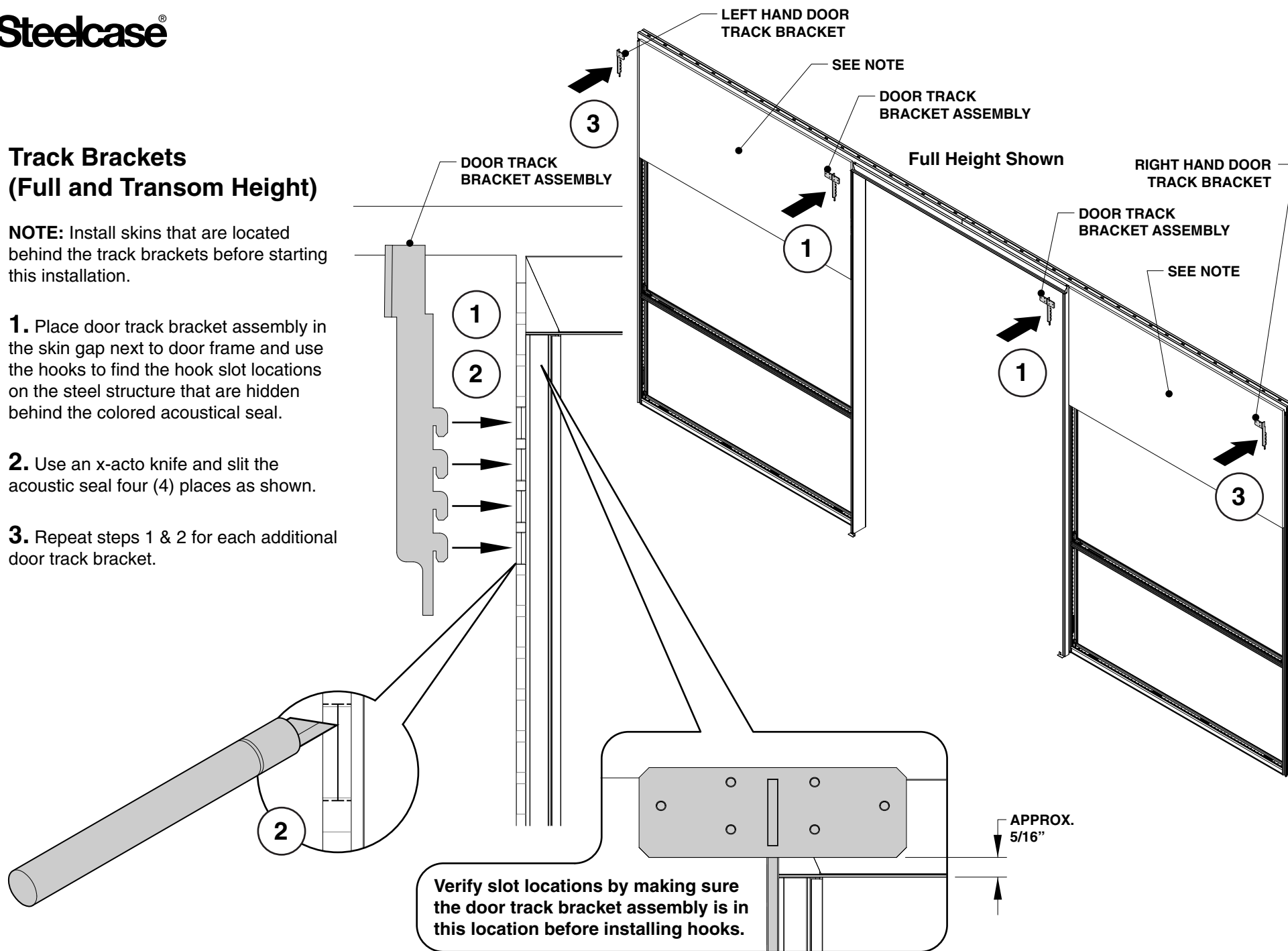
Track Brackets (Full and Transom Height)

NOTE: Install skins that are located behind the track brackets before starting this installation.

1. Place door track bracket assembly in the skin gap next to door frame and use the hooks to find the hook slot locations on the steel structure that are hidden behind the colored acoustical seal.

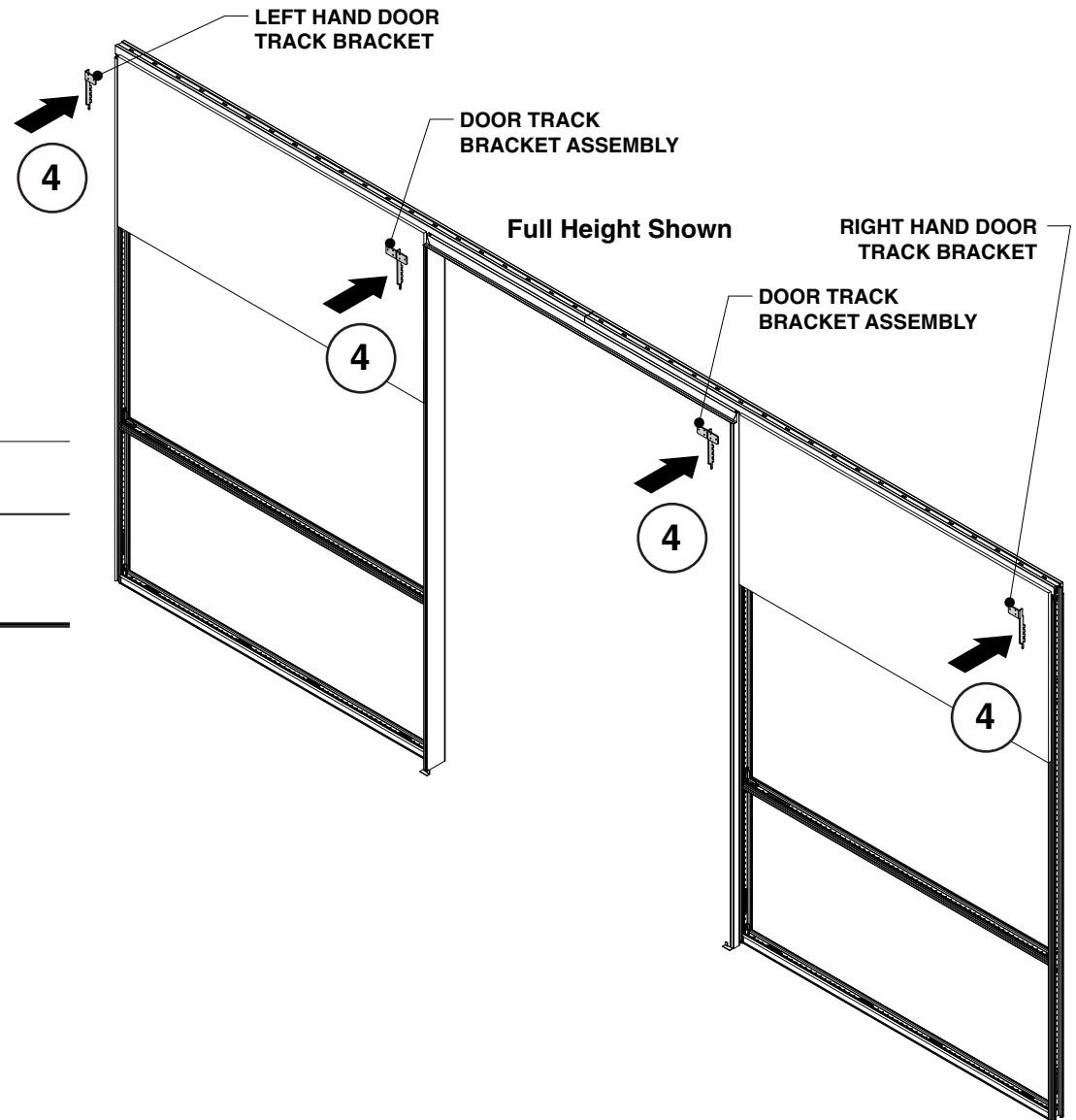
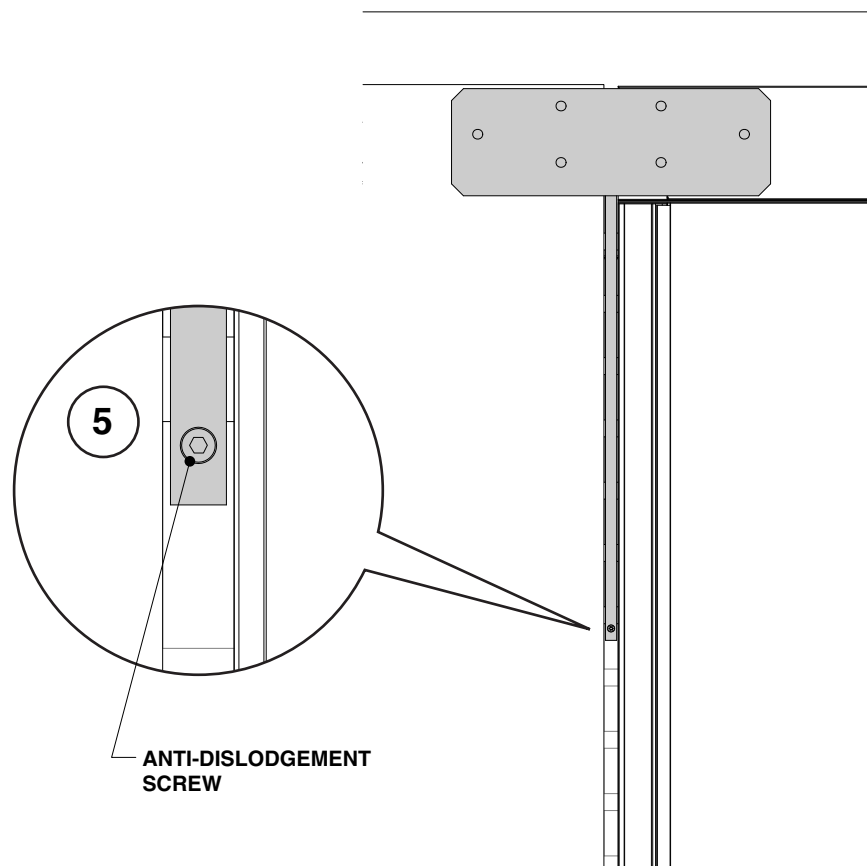
2. Use an x-acto knife and slit the acoustic seal four (4) places as shown.

3. Repeat steps 1 & 2 for each additional door track bracket.



4. Install door track brackets by inserting the hooks on the bracket through the slits in the acoustic seal and slide downward until the hooks bottom out.

5. Use a 2.5mm hex drive screwdriver to tighten the anti-dislodgement screw on the bottom of all four (4) brackets.

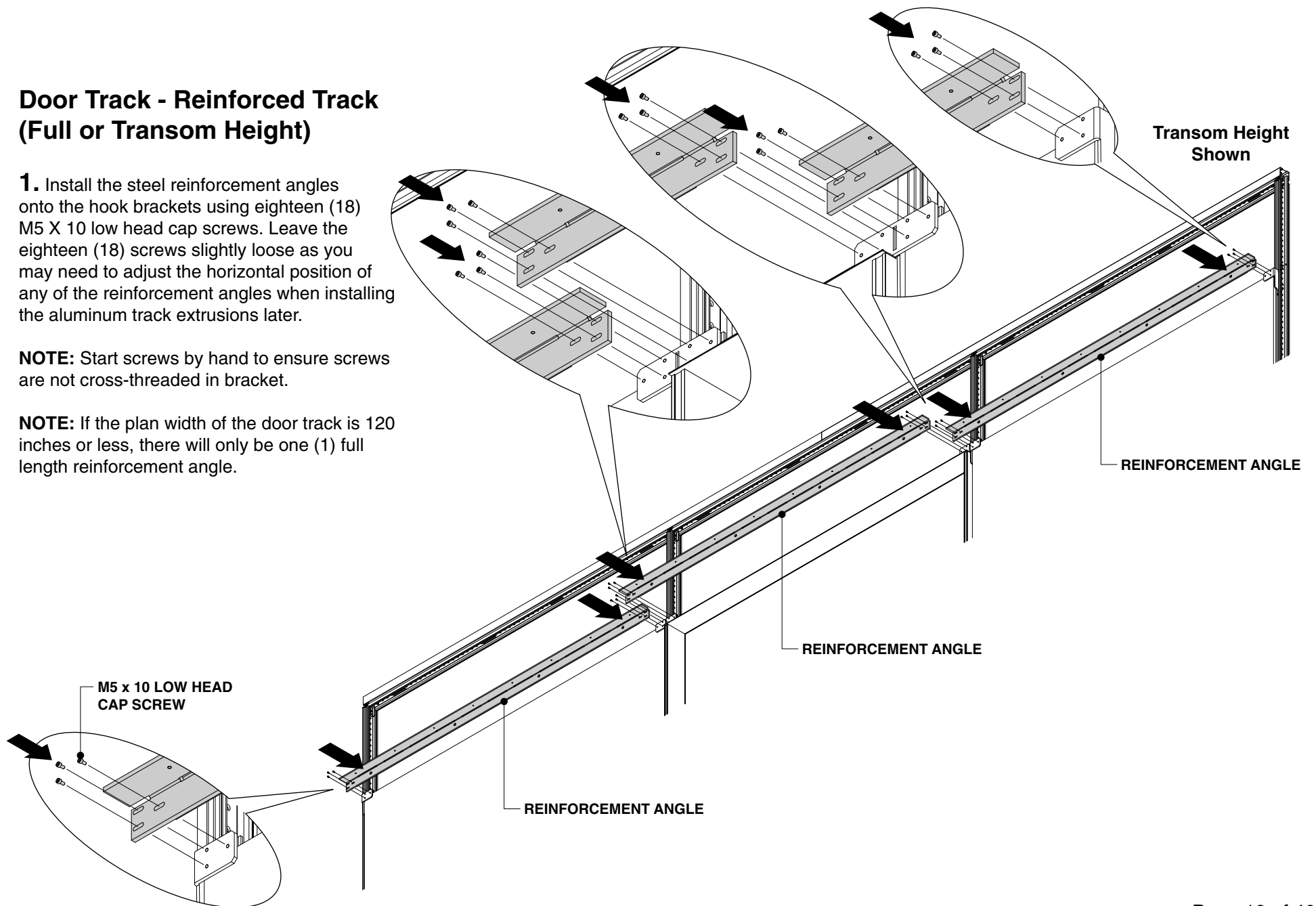


Door Track - Reinforced Track (Full or Transom Height)

1. Install the steel reinforcement angles onto the hook brackets using eighteen (18) M5 X 10 low head cap screws. Leave the eighteen (18) screws slightly loose as you may need to adjust the horizontal position of any of the reinforcement angles when installing the aluminum track extrusions later.

NOTE: Start screws by hand to ensure screws are not cross-threaded in bracket.

NOTE: If the plan width of the door track is 120 inches or less, there will only be one (1) full length reinforcement angle.



Door Track - Reinforced Track (cont.) (Full or Transom Height)

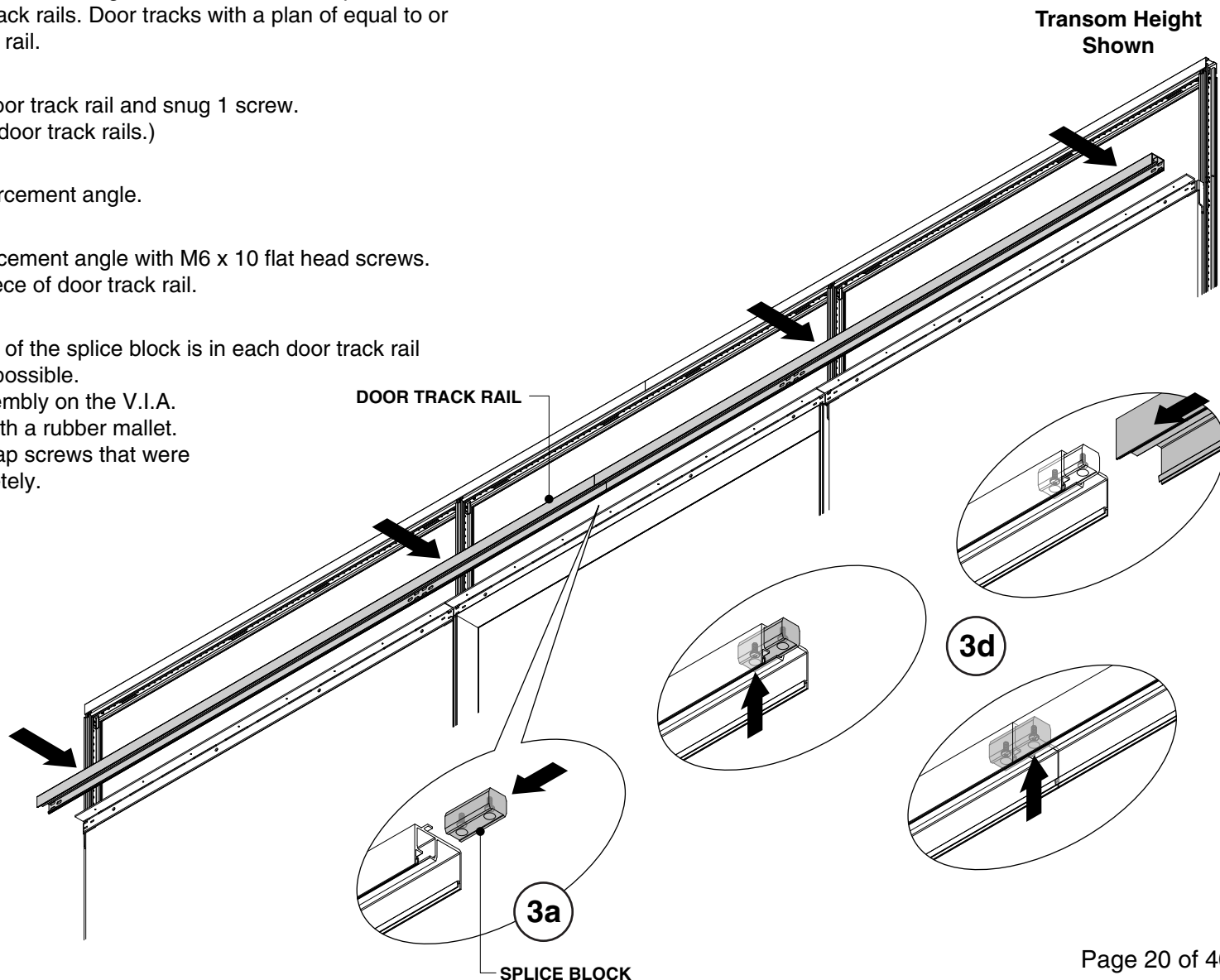
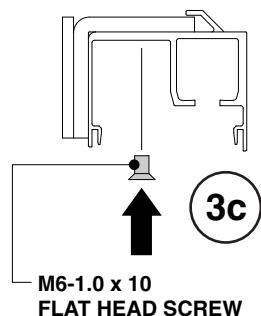
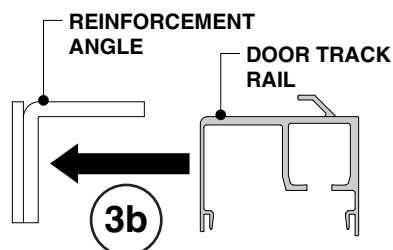
3. Install door track rails onto reinforcement angles. Door tracks with a plan width greater than 120" will have 2 door track rails. Door tracks with a plan of equal to or less than 120" will have 1 door track rail.

3a. Slide splice block into end of door track rail and snug 1 screw.
(Splice block not required for single door track rails.)

3b. Slide door track rail onto reinforcement angle.

3c. Fasten door track rail to reinforcement angle with M6 x 10 flat head screws.
Repeat steps 3a & 3b for second piece of door track rail.

3d. Position the splice block so 1/2 of the splice block is in each door track rail and tighten both screws as tight as possible.
Center the complete door track assembly on the V.I.A. wall by tapping 1 end or the other with a rubber mallet.
Tighten all (18) M5 X 10 low head cap screws that were installed on step 1 - page 17 completely.



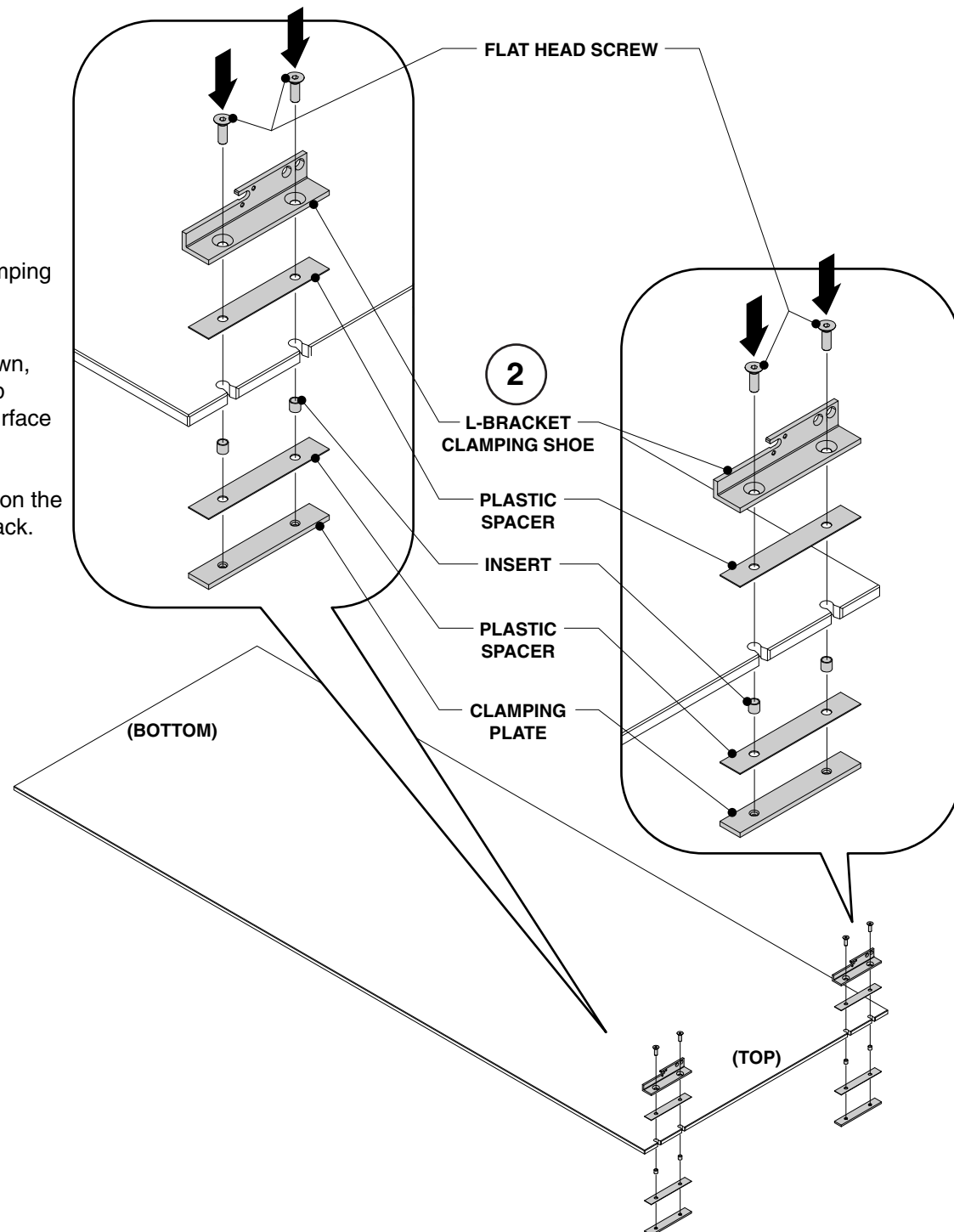
Glass Door (Full or Transom Height)

1. Clean the top of the glass door where the clamping shoes will be mounted.

2. Assemble the two (2) clamping shoes, as shown, along the top edge of the glass door. Align the top edges of the steel components flush to the top surface of the glass door.

NOTE: The L-bracket clamping shoe is mounted on the front and the clamping plate is mounted on the back.

3. Repeat steps 1 and 2 (above) for second door.



Pre-assembly for the Soft Closer Mechanisms

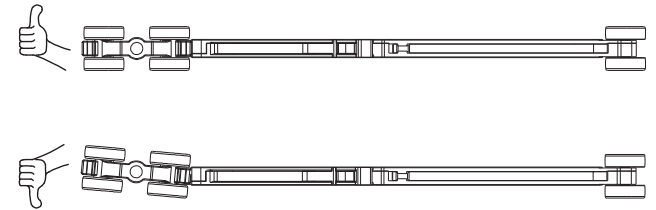
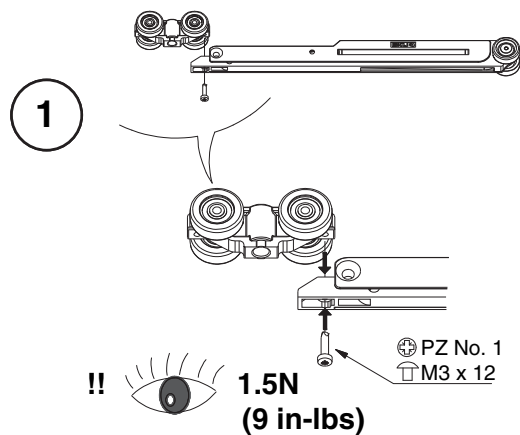
1. Secure trolley to soft closer mechanism and tighten to 1.5 Nm (9 in-lbs). Repeat for second trolley.

2. Install 8 x 25 hang bolt into each trolley.

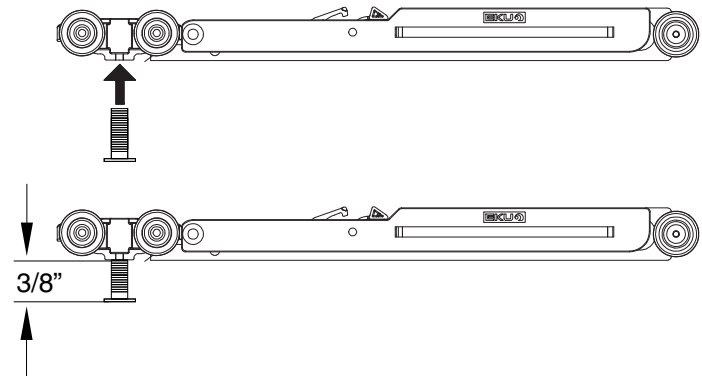
Apply Loctite 222 threadlocker to hang bolts to prevent movement during operation.

3. Push each trigger asm toward the trolley until it engages.

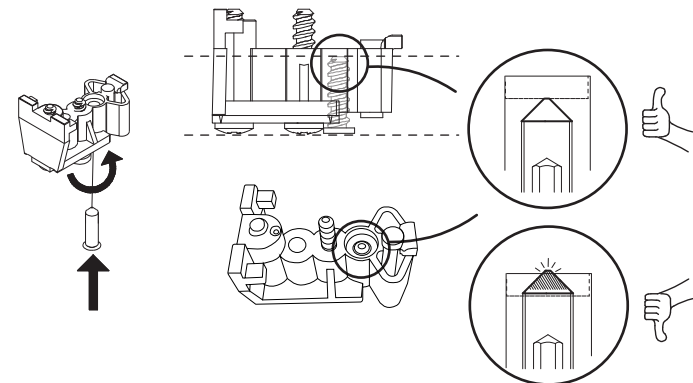
4. Install set screw (or M6 x 16 euro screw) into door stop until the tip is flush with the counter-bored hole.



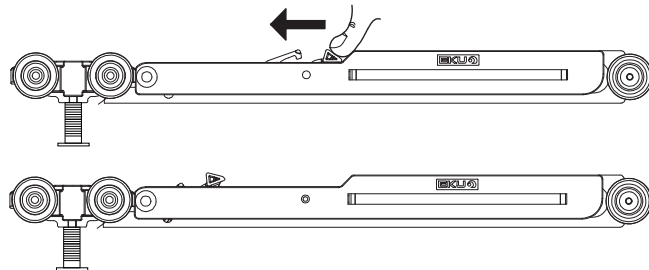
2



4

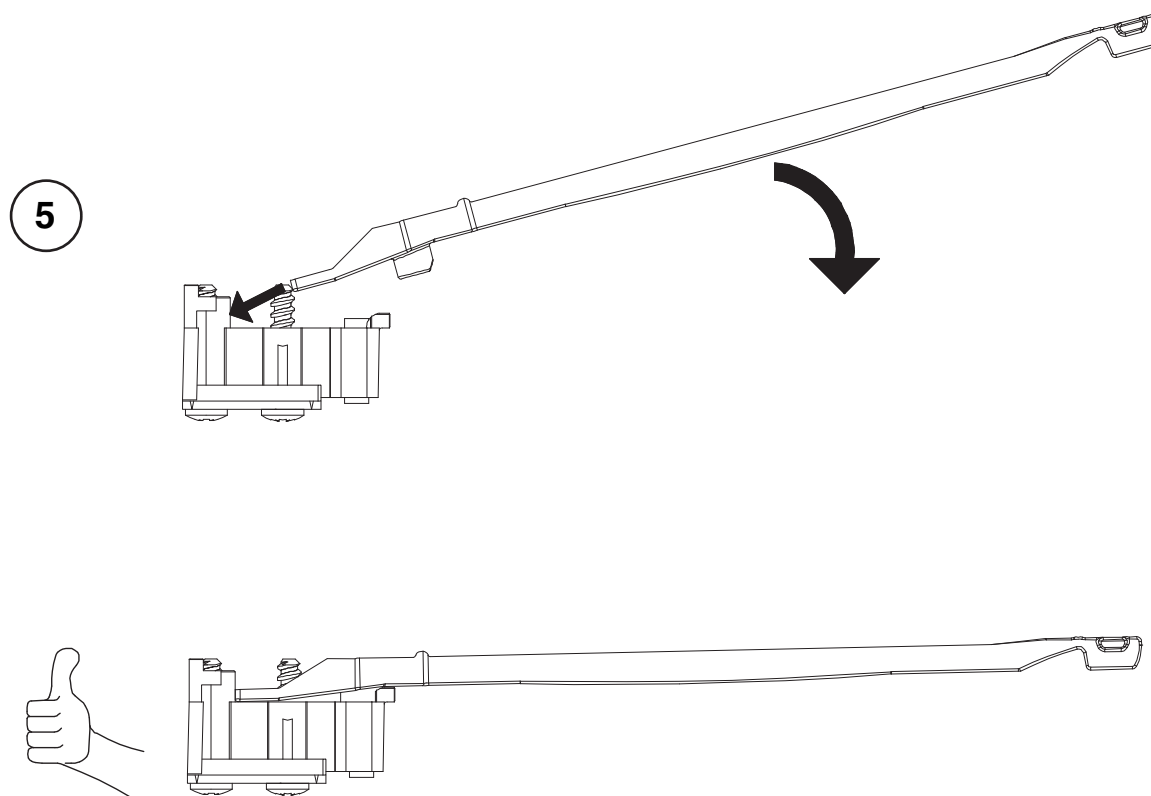


3



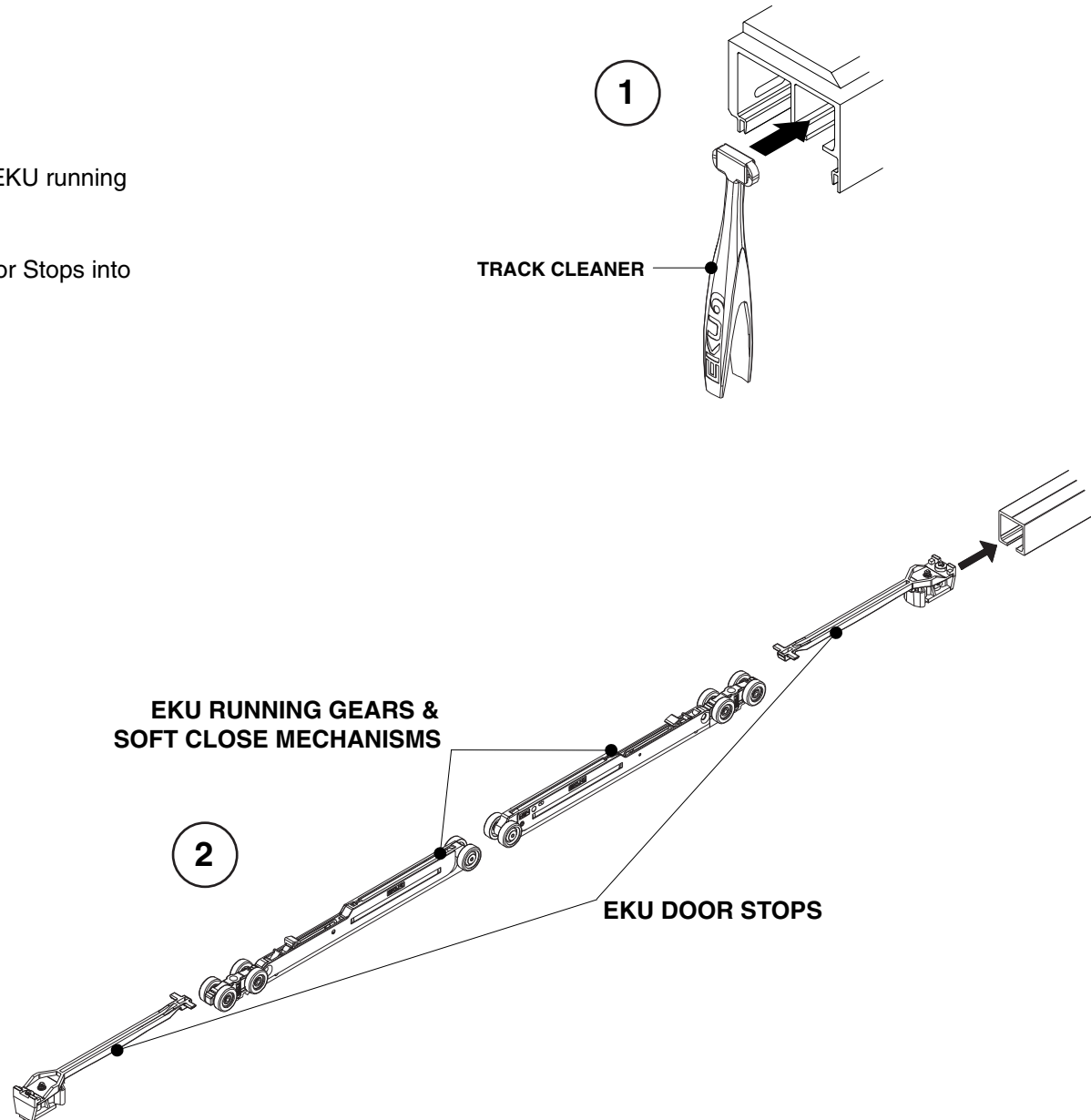
Pre-assembly for the Soft Closer Mechanisms (cont.)

5. Load soft close bar onto door stop.



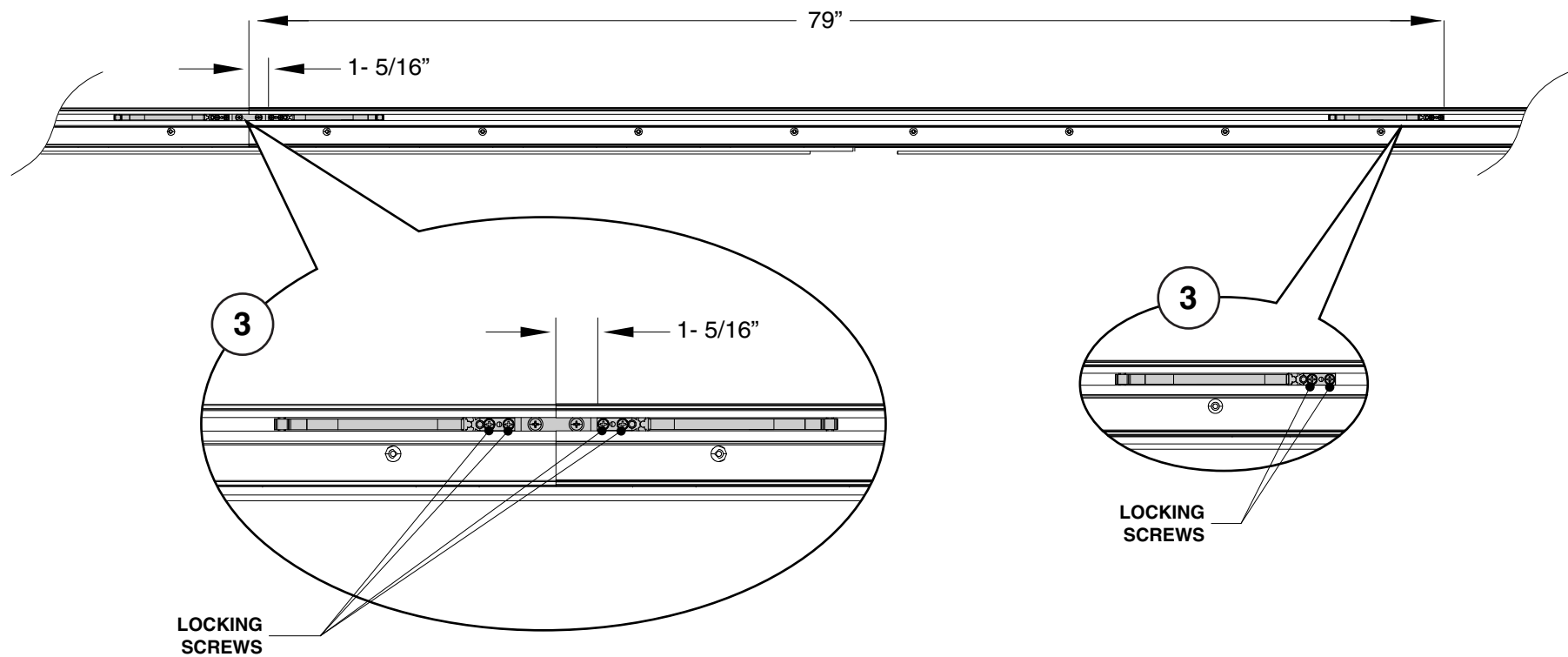
Insert Closer Assembly

1. Clean the door track before installing ECU running gears and soft close mechanisms.
2. Insert Soft Close Mechanisms and Door Stops into the door track



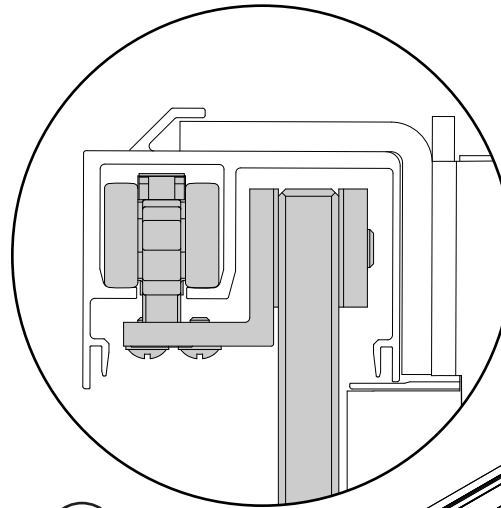
Insert Closer Assembly (cont.)

3. Tighten the locking screws in the door stops to prevent them from moving during door installation.

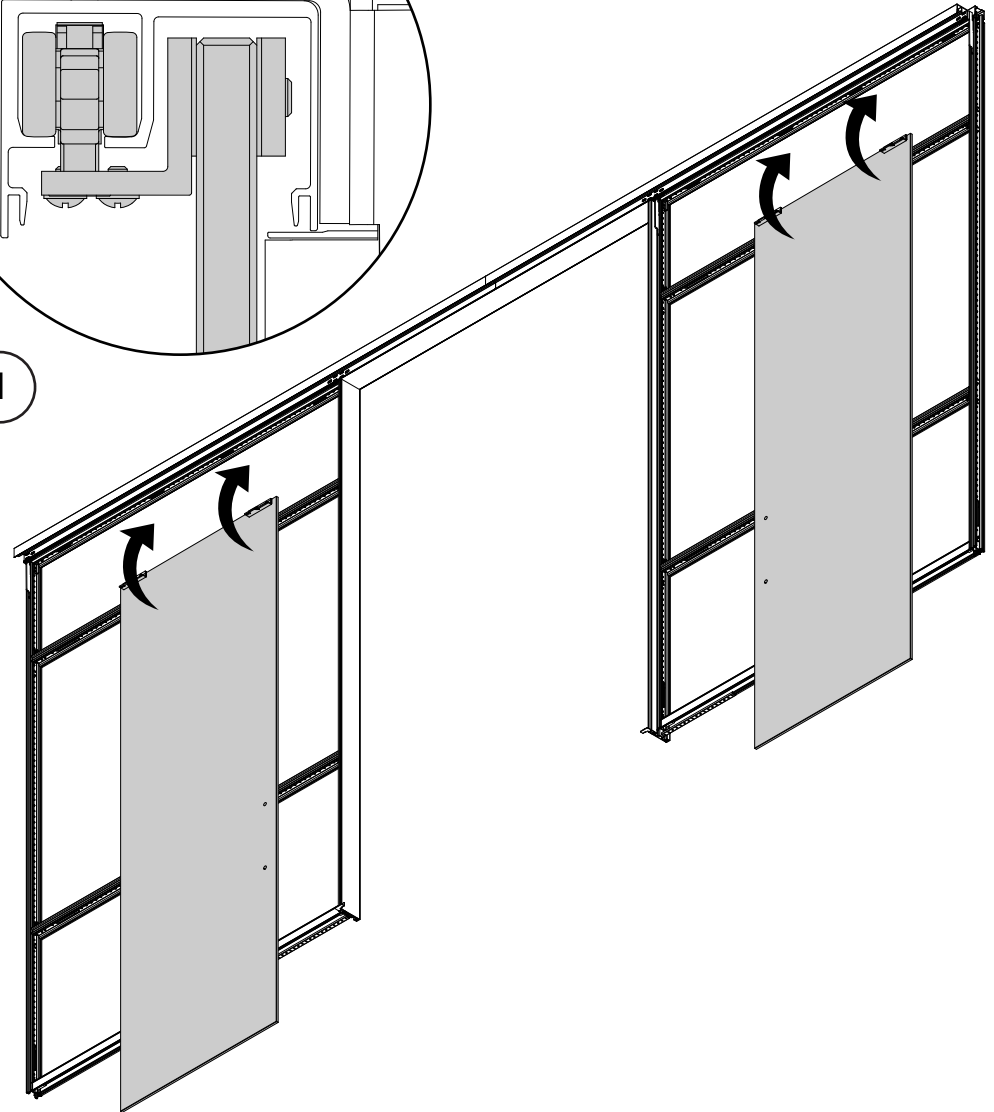


Install Door

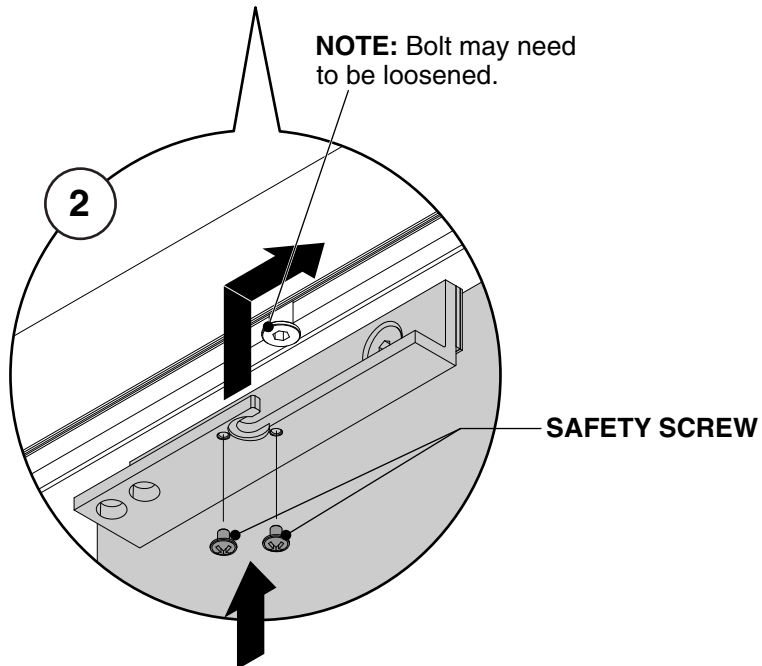
1. Lift door into track and slide hang bolts into the slots on mounting bracket, Lower door onto the hang bolts and ensure the bolt heads fully seat in the pocket on the mounting bracket.
2. Lightly snug safety screws on mounting bracket.



1



NOTE: Loosen safety screws on the mounting brackets completely before lifting the door.



Install Door (cont.)

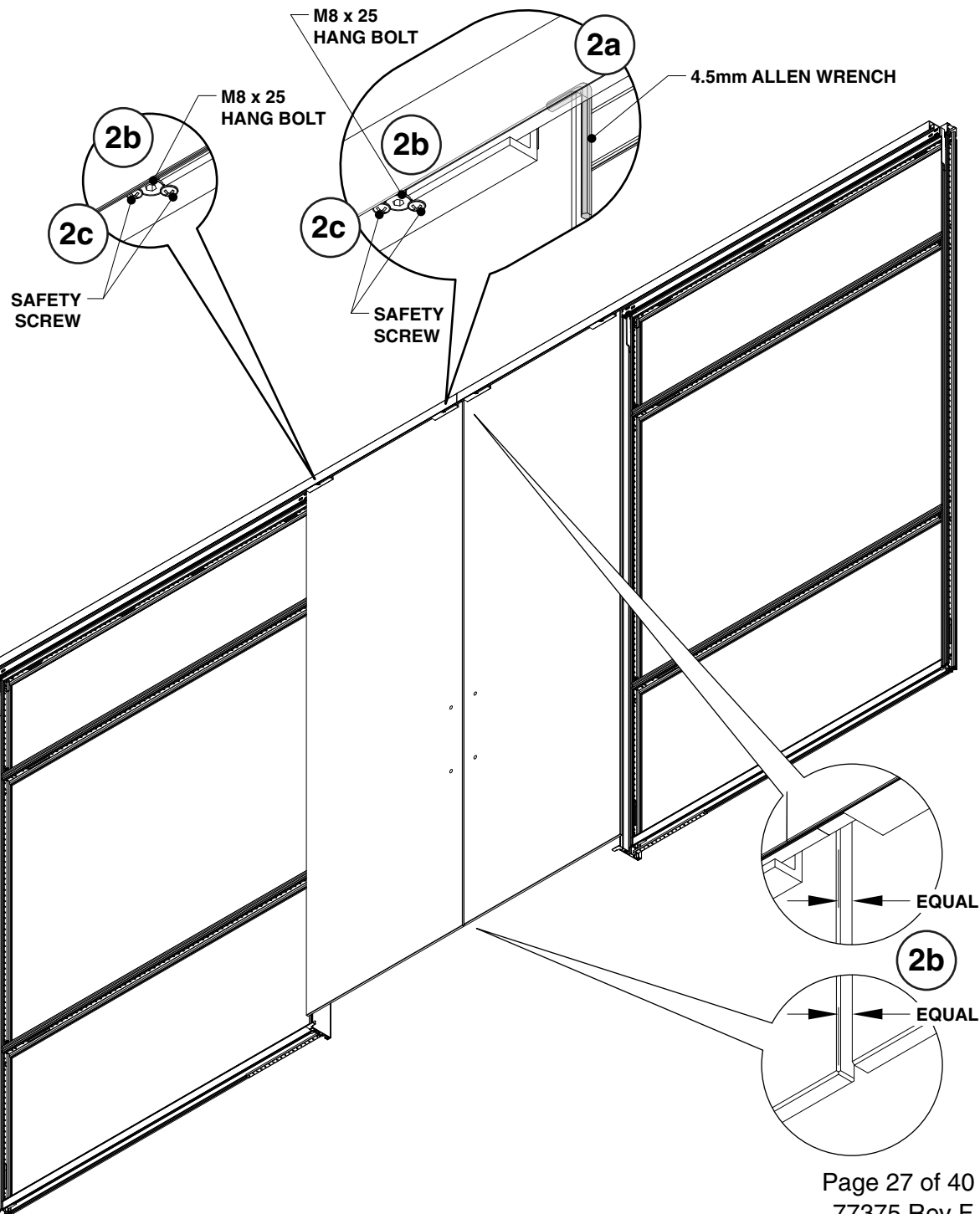
2. Set the vertical height of the doors.

2a. Use the M8 X 25 hang bolts to establish a 4.5mm gap between the top of the door and the door track rail at both ends of the door. A 4.5mm hex key wrench can be used as a spacer to establish the gap.

2b. Close both doors and measure the gap between them at the top and bottom. Adjust the M8 X 25 hang bolts, in or out, until the gap is equal at the top and bottom of the door. After adjusting there should be at least 1mm of clearance between the door and door track rail, and no more than 9mm, at each end of both doors.

TIP: Tape equal thickness spacers to one door, top & bottom, and adjust the hang bolts until the doors contact both spacers.

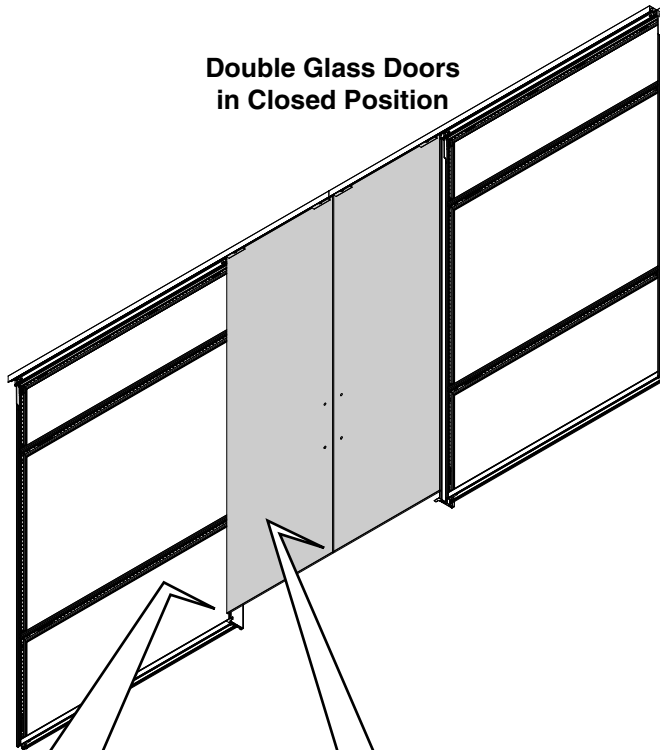
2c. Tighten all eight (8) safety screws.



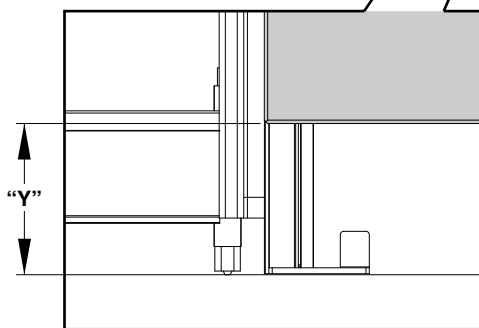
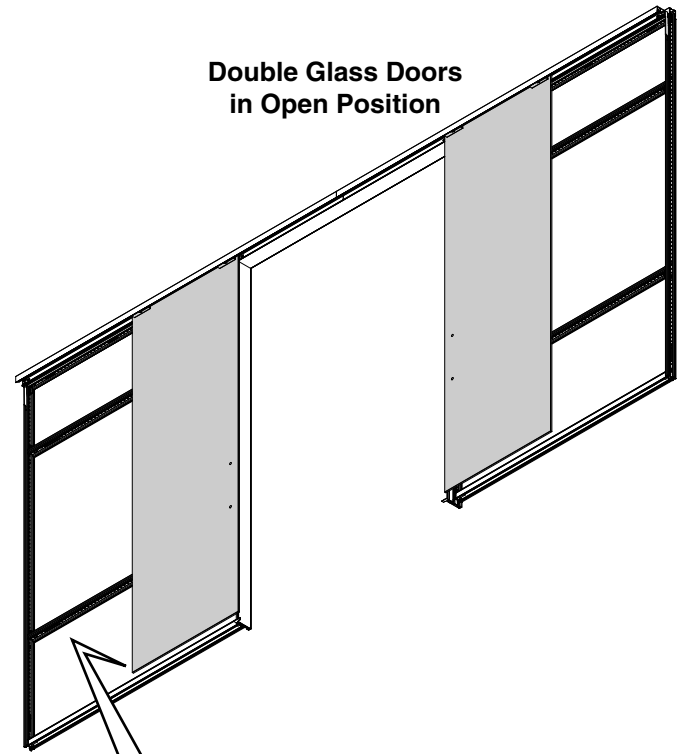
Drop Seal Installation

1. Begin installing the drop seal housing assembly to the bottom of the glass door by measuring the distance from the door bottom to the floor at 6 locations. Record those measurements as X-left, Y-left, and Z-left for the left door, and X-right, Y-right and Z-right for the right door.

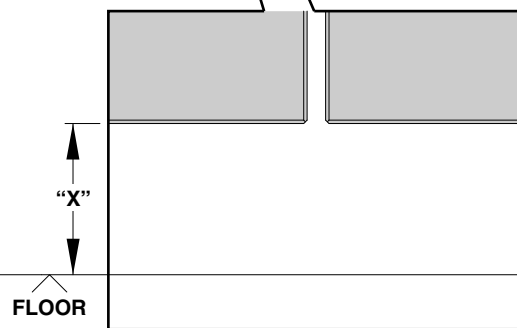
**Double Glass Doors
in Closed Position**



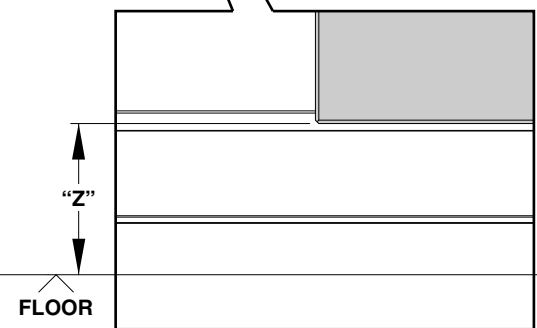
**Double Glass Doors
in Open Position**



**Front View of Left Edge of Left
Glass Door in Closed Position**



**Front View of Left & Right
Glass Doors in Closed Position**

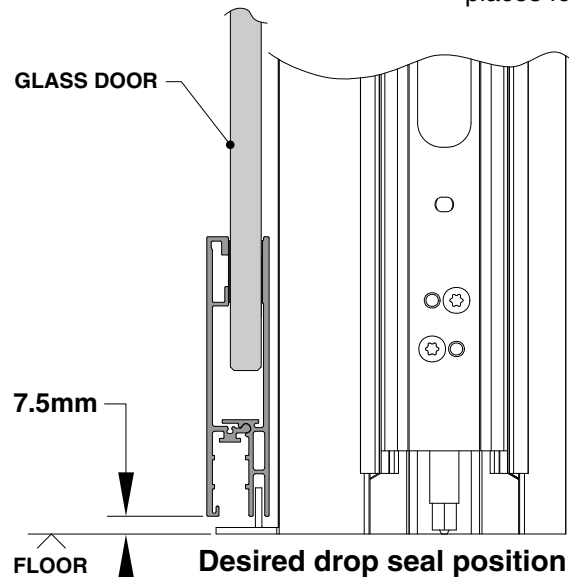


**Front View of Left Edge of
Left Glass Door in Open Position**

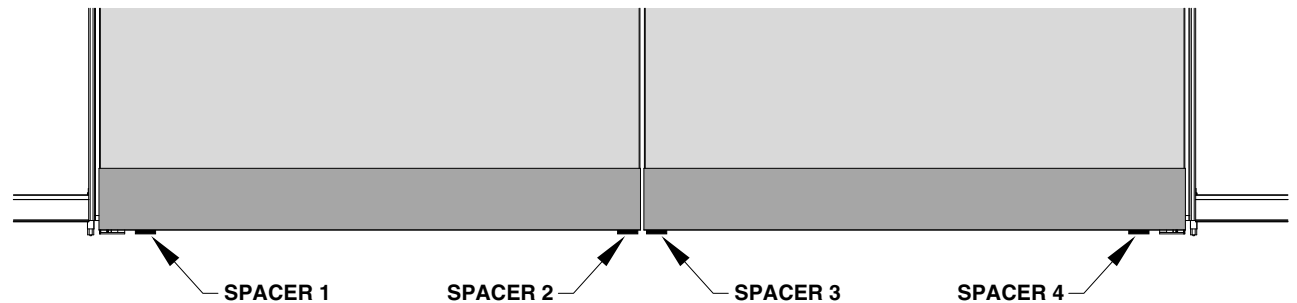
2. Create 2 spacers for each drop seal housing placement, 4 spacers total. Adjust spacer thicknesses so drop seal housings are level and align when both doors are closed. Dimensions from page 23 will determine spacer thickness.

Rules for spacer location & thickness.

- Spacer 1 & 4 placed near trailing edge of door next to door guide & minimum thickness is 3.5mm.
- Spacer 2 & 3 placed near leading edge of door & have equal thickness.
- Spacers must be thick enough to provide 3.5mm minimum clearance between both drop seal housings and the floor at all places for the full travel of both doors.



3.5mm
FLOOR



Spacer Thickness Example

Example measurements from page 23:

X-left - 67.3mm
Y-left - 65.3mm
Z-left - 63.3mm
X-right - 67.3mm
Y-right - 69.3mm
Z-right - 71.3mm

Start with Spacer 1 because it's closest to the smallest measurement (Z-left). Y-left is 2mm greater than Z-left. Add that 2mm difference to 3.5mm minimum gap and Spacer 1 is 5.5mm thick.

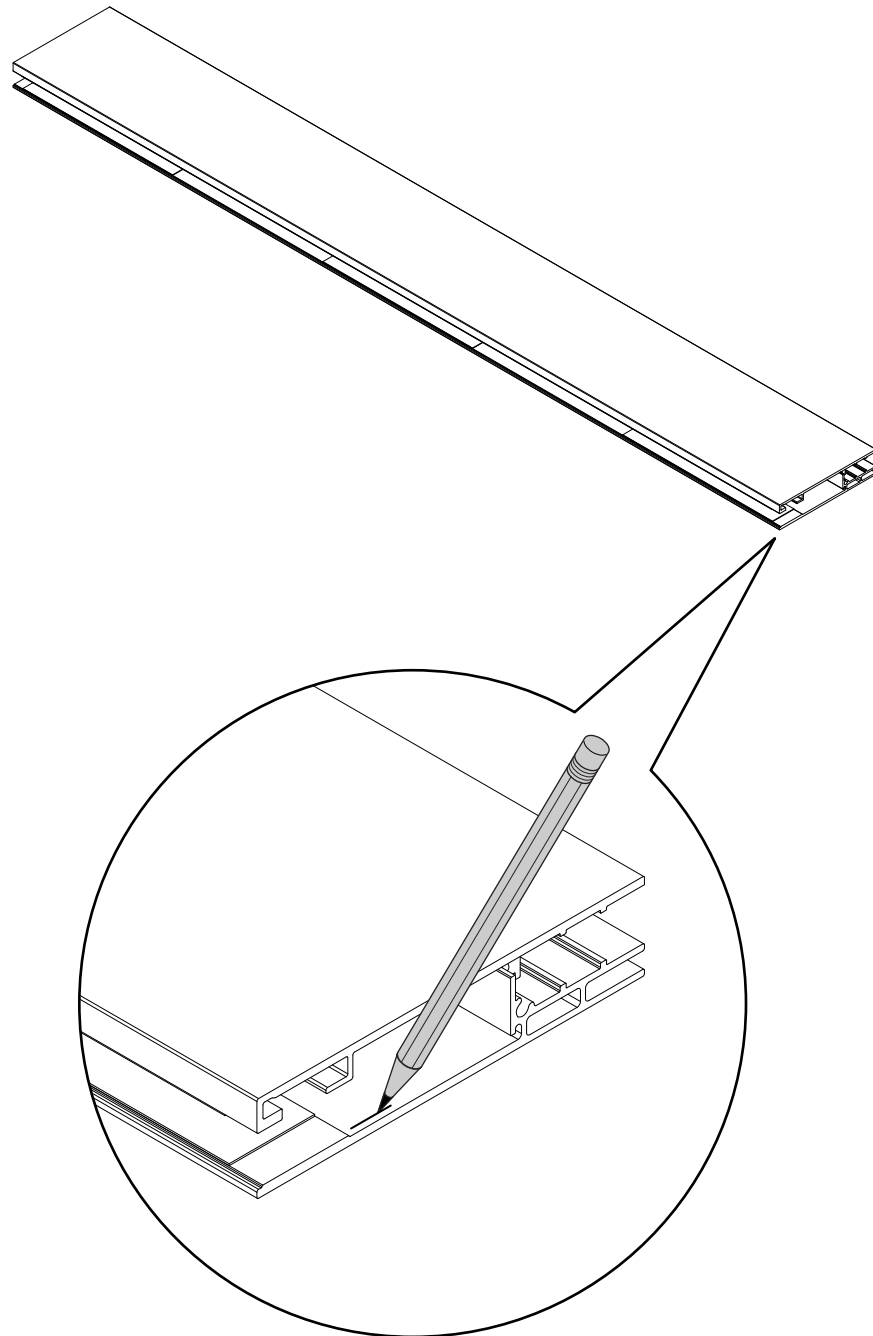
Spacer 2 & 3 are 7.5mm thick because X-left & X-right are 2mm greater than Y-left.

Spacer 4 is 9.5mm thick because Y-right is 2mm greater than X-right.

3. Mark the drop seal housing assembly to provide a visual reference to help ensure equal overhang on each side of the glass door when installing the drop seal housing assembly.

EXAMPLE:

If the drop seal housing assembly measures 2mm longer than the width of the glass door, make a mark 1mm in from each end of the drop seal housing assembly.

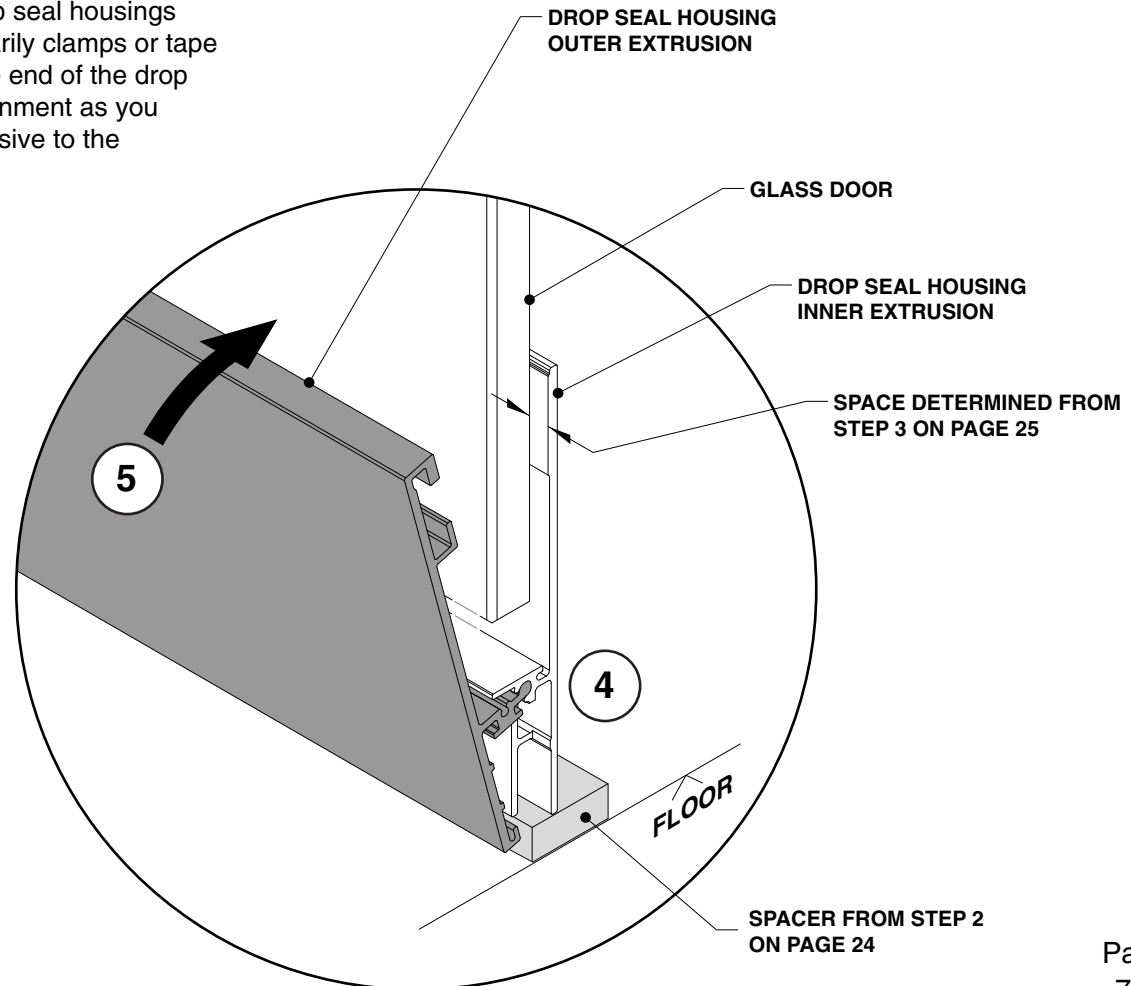


NOTE: You may need to place the drop seal housing assembly on the trailing edge door guide before assembling it to the glass door.

4. Installing drop seal housing assembly to the glass door

Clean the bottom 6 inches of the glass door with alcohol on both sides. Use spacers from step 2 on page 24 and marks from step 3 on page 25 to provide proper position for the drop seal housing assembly relative to the glass leaf. Temporarily clamp or tape the drop seal housings to the glass doors and open each door to ensure the drop seal housings have adequate clearance to the floor. Remove temporarily clamps or tape and reveal a small portion of the VHB adhesive on one end of the drop seal housing inner extrusion to help ensure proper alignment as you start the adhesion process. Adhere the revealed adhesive to the door and double check the drop seal housing position. Reveal the remaining VHB adhesive on the drop seal housing inner extrusion and adhere it to the glass.

5. Reveal the full width piece of VHB tape on the drop seal housing **outer** extrusion. Swing and stick the drop seal housing outer extrusion to glass door.

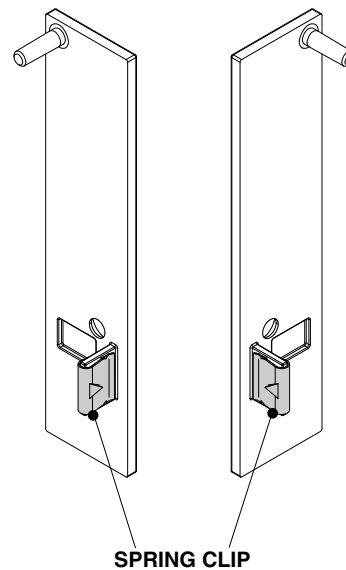


Installing End Caps

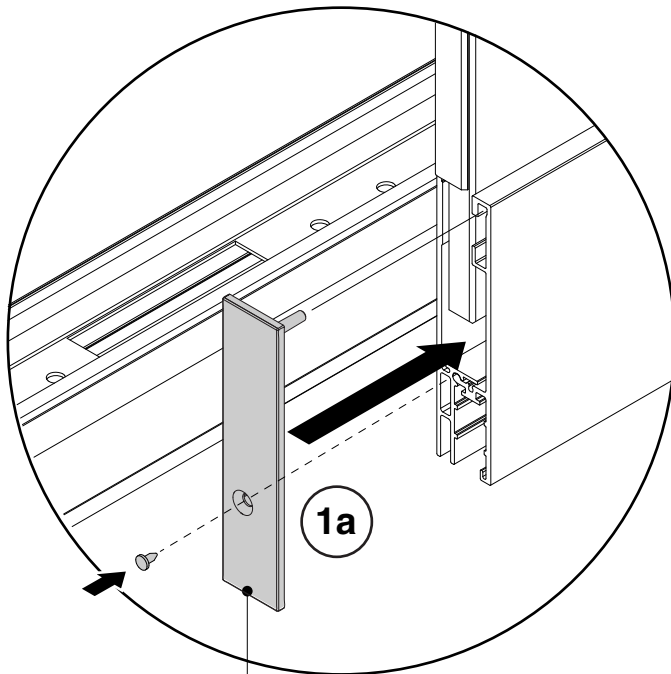
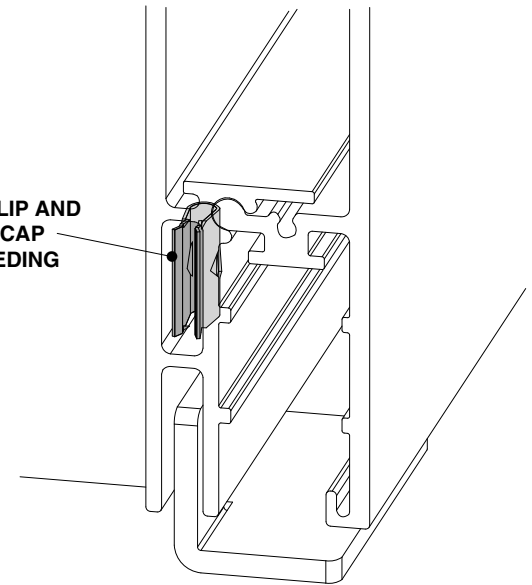
1. Install the left edge (1a) and right edge (1b) drop seal housing end caps to both doors.

NOTE: If an end cap is removed ensure spring clip is in place before reinstalling cap. Spring clip may have stayed in drop seal housing during cap removal. Spring clip can be extracted from drop seal housing and reassembled to end cap or new spring clip may be ordered through service parts.

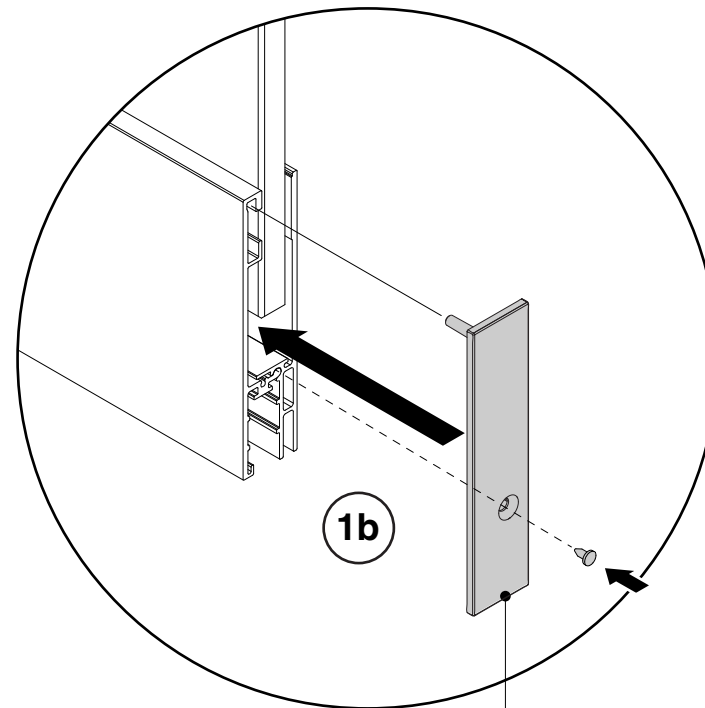
2. Secure each end cap with a #8-16 x 3/8 screw. Choose appropriate color (black or bright) for the color of the end caps. Save or discard the remaining screws.



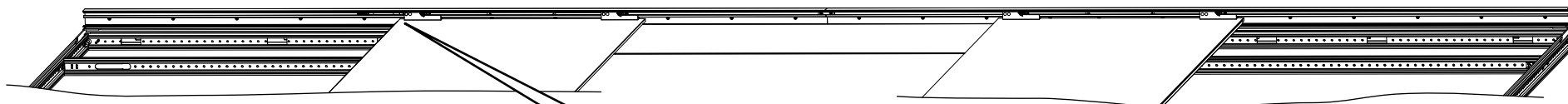
REMOVE SPRING CLIP AND
APPLY TO END CAP
BEFORE PROCEEDING



LEFT EDGE DROP
SEAL HOUSING CAP



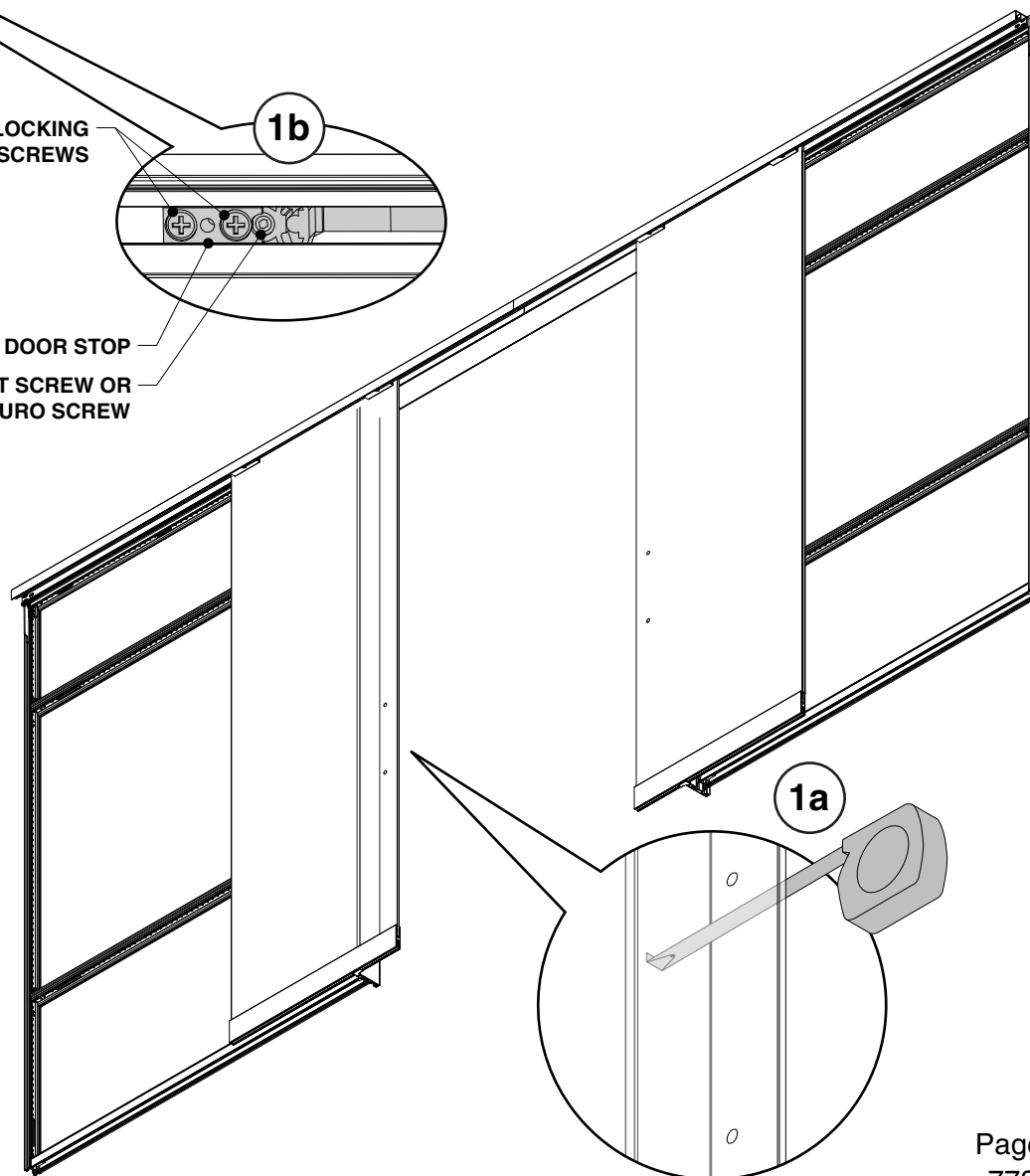
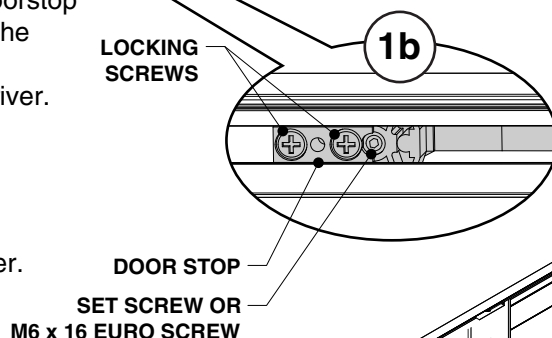
RIGHT EDGE DROP
SEAL HOUSING CAP



1. Adjust the final door stop position to establish the proper open and closed door positions. Slide the door to the doorstep and loosen the 2 locking screws (1b). Slide the door to the desired location and tighten the 2 locking screws by hand, as tight as possible, with a No. 2 Phillips screw driver. The doorstep will move with the door.

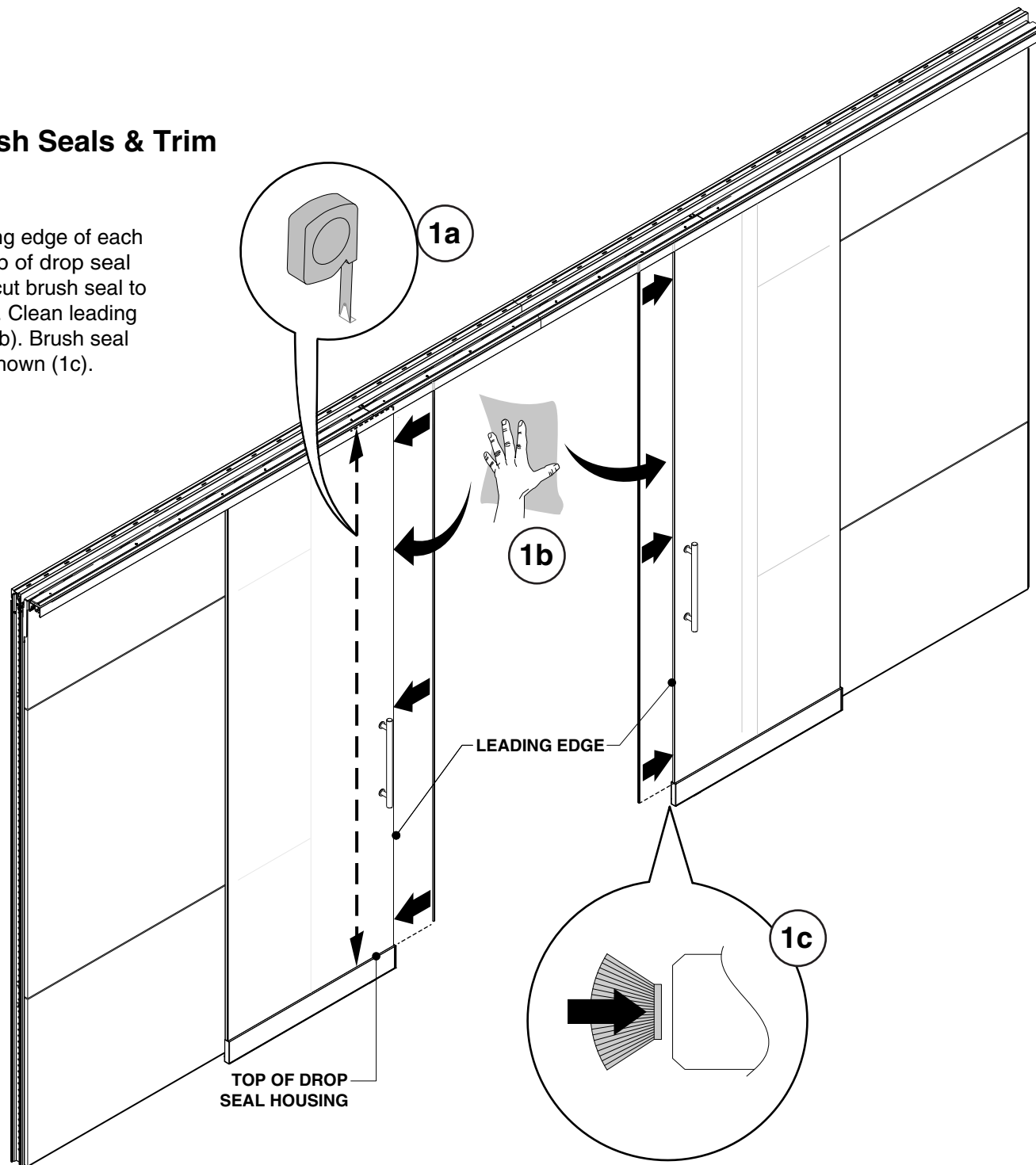
The leading edge door stops should be positioned so each door closes and makes contact with it's door stop and the drop seal housing caps lightly contact each other.

The trailing edge door stops should be positioned so the leading edge of the glass measure's 5-3/8" from the door frame in the open position (1a).



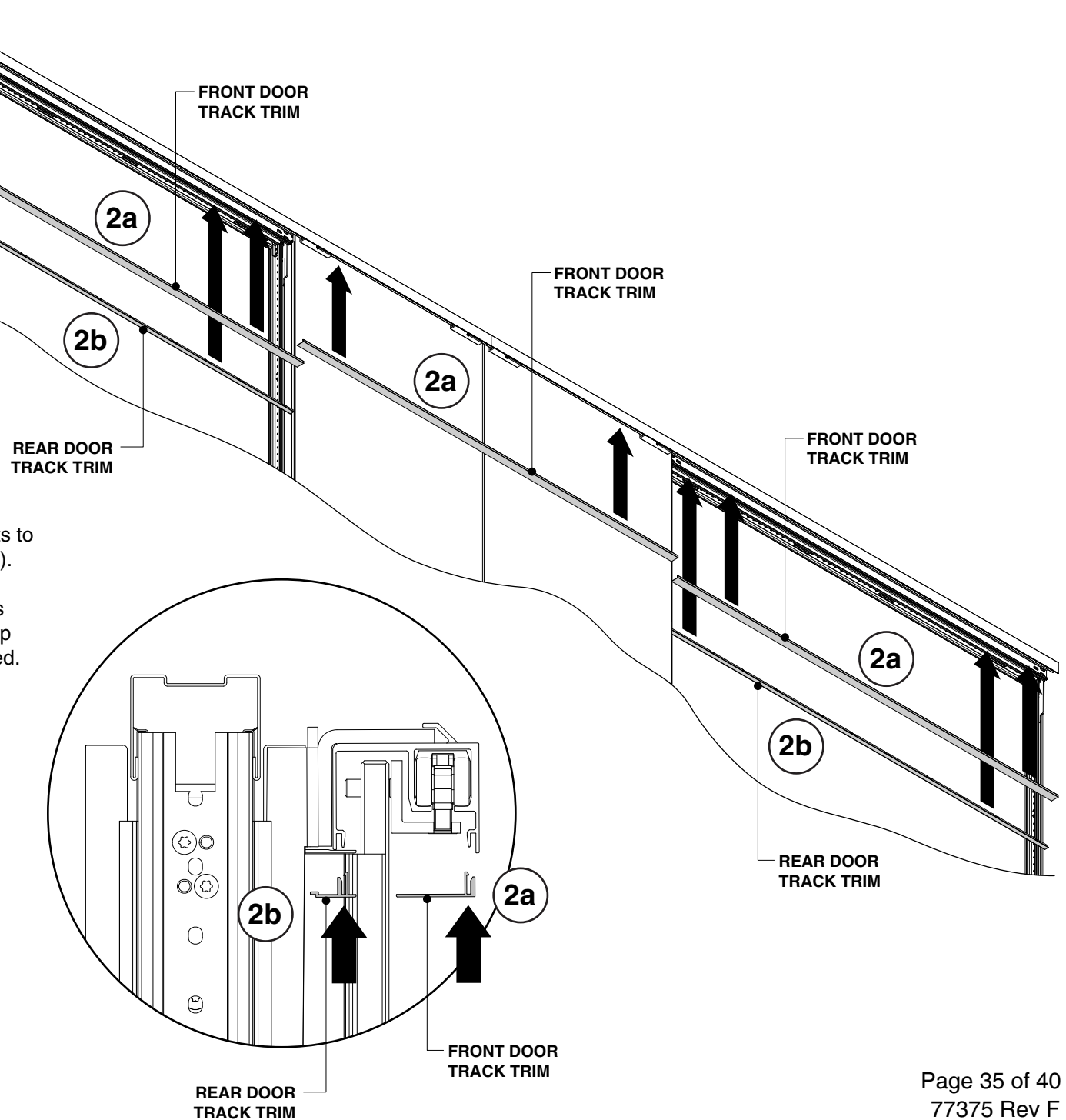
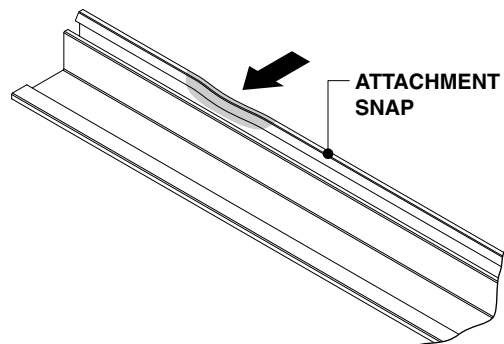
Installing End Caps, Brush Seals & Trim (Cont'd)

1. Install one (1) brush seal on leading edge of each door leaf. Measure distance from top of drop seal housing to top edge of door leaf and cut brush seal to measurement, for each door leaf (1a). Clean leading edge of each door leaf with alcohol (1b). Brush seal should be centered on door leaf, as shown (1c).

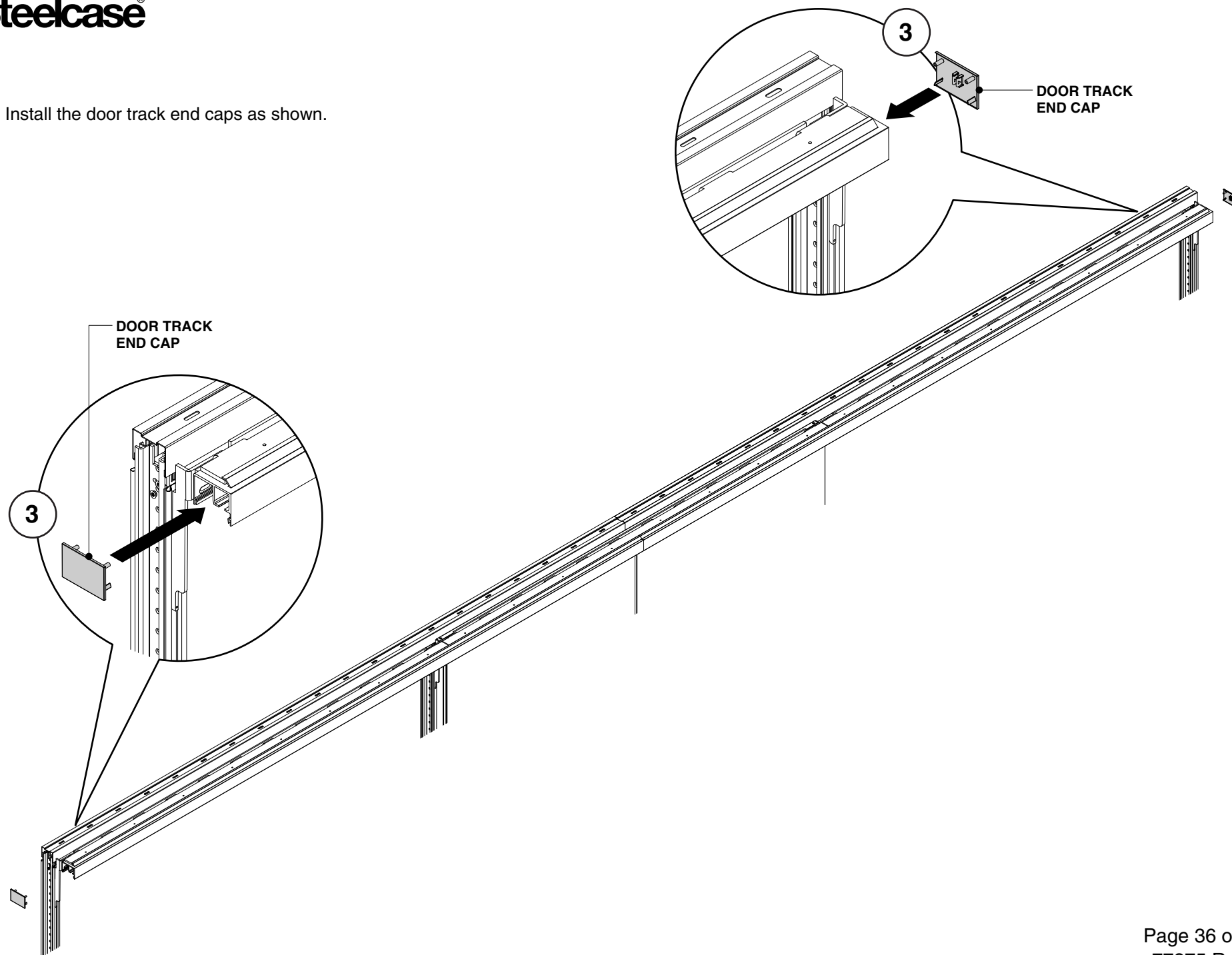


- 2.** Install the three (3) front door track trims (3a) and two (2) rear door track trims (3b) on each side of the double doors as shown.

NOTE: Visually inspect the door track trim parts to ensure they've been crimped (as shown below). Anodized front trims should not be crimped. If not, crimp the door track trim parts with pliers every 8" to 12" by pinching the attachment snap closed to ensure proper retention when installed.

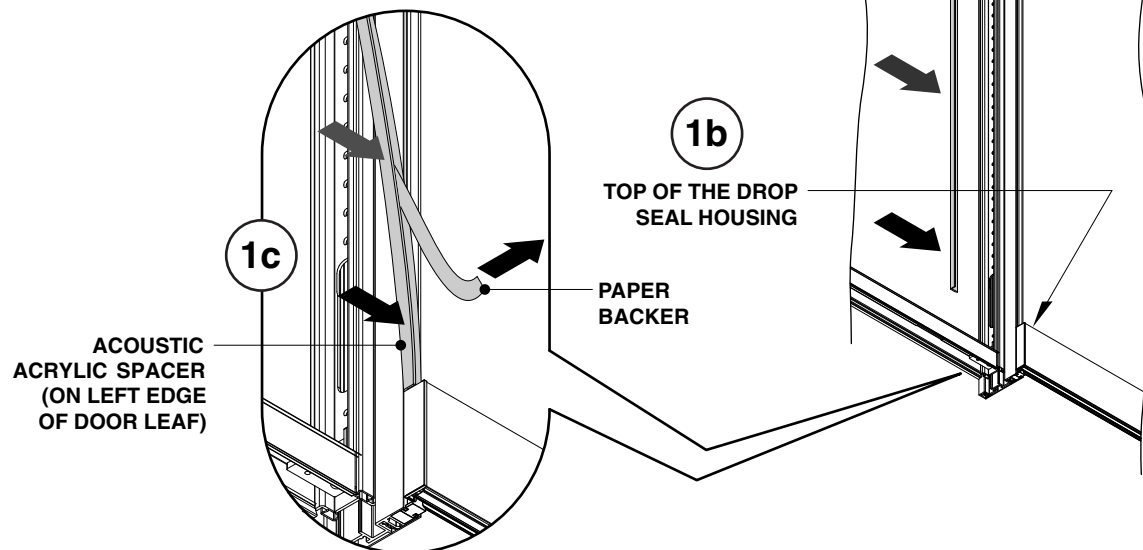


3. Install the door track end caps as shown.

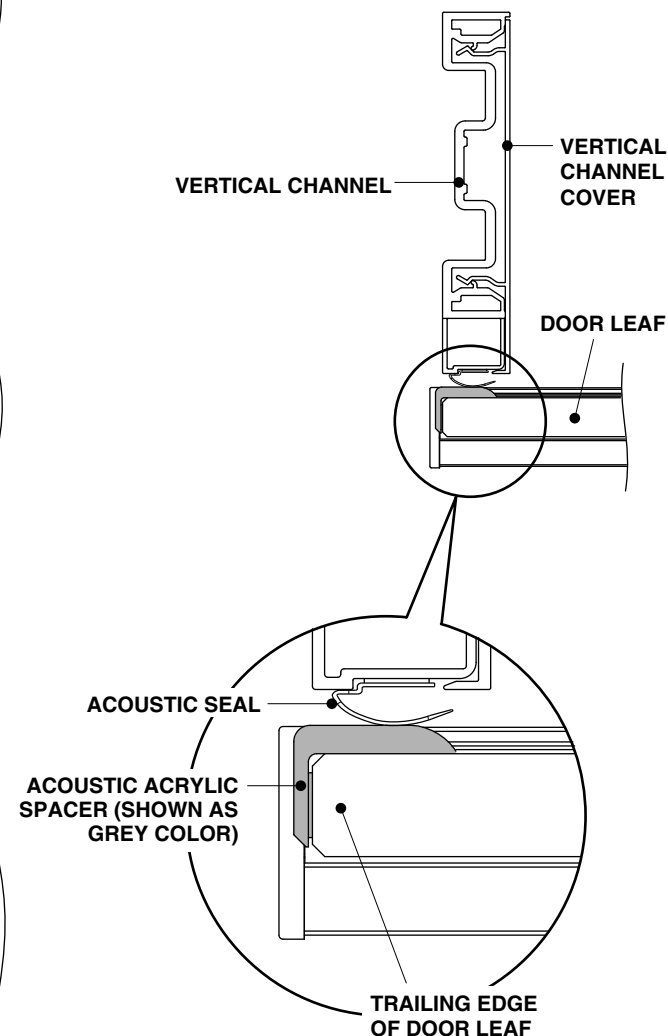


Installing Acoustic Acrylic Spacer on Left Edge & Right Edge of Door Leaf

1. Measure the distance from the bottom of the rear door track trim (1a) and the top of the drop seal housing (1b). Cut the spacer 1mm or 1/16" shorter than the measurement using a sharp hacksaw. Apply light pressure, while cutting, for a clean cut. Clean the glass door where the spacer will be installed. Reveal only a small amount of the paper backer and begin to adhere the spacer to the glass door as shown (1c). Work your way from the bottom up, revealing more of the tape as you go up.



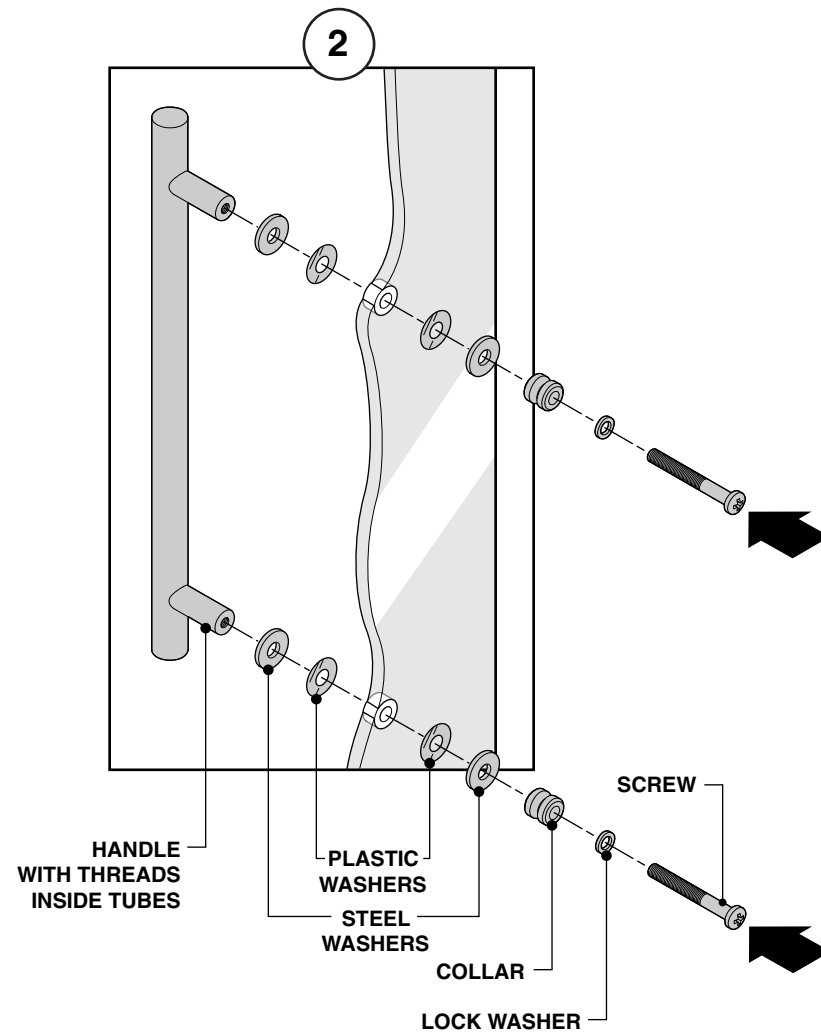
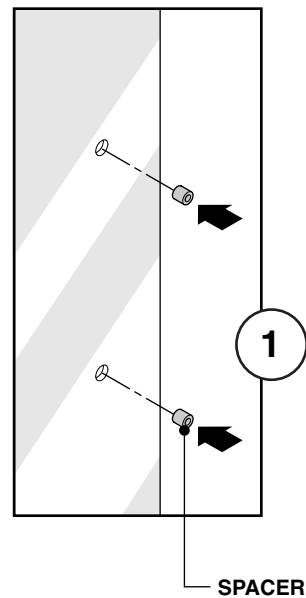
NOTE: CLOSED DOOR IS SHOWN BELOW IN CROSS SECTION TO ILLUSTRATE THE CONTACT BETWEEN THE ACOUSTIC SEAL AND THE ACOUSTIC ACRYLIC SPACER.



Bar Pull Door Handle

1. Place the two (2) spacers into the holes on the glass door.

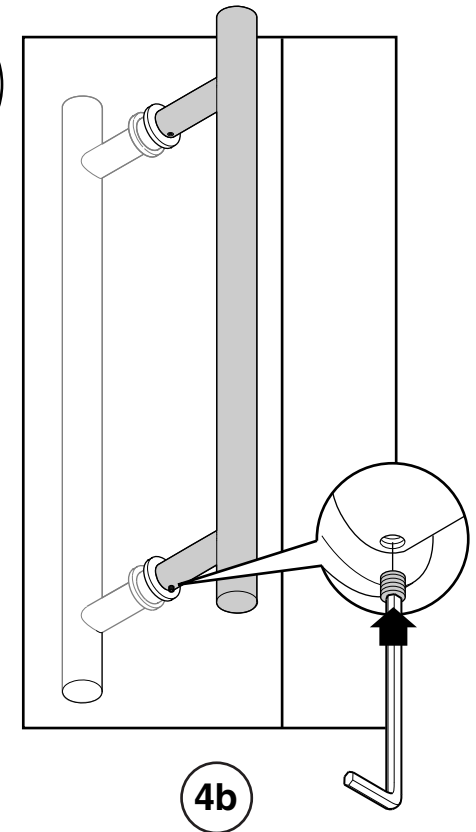
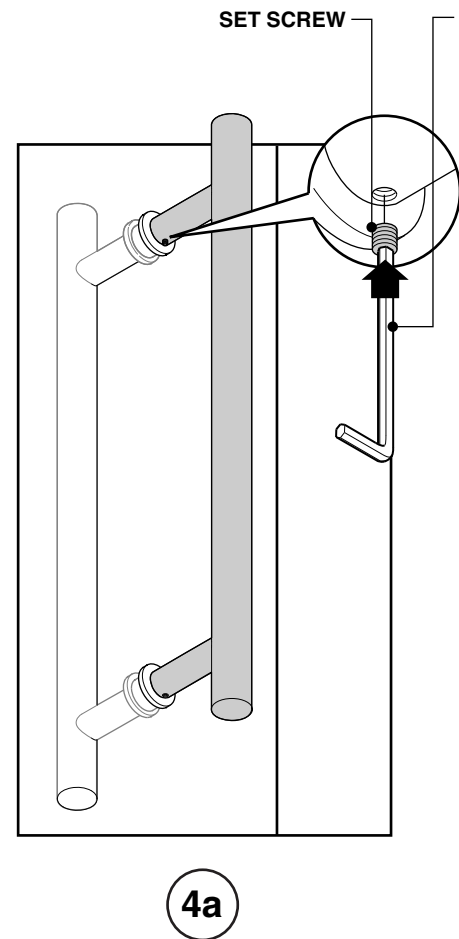
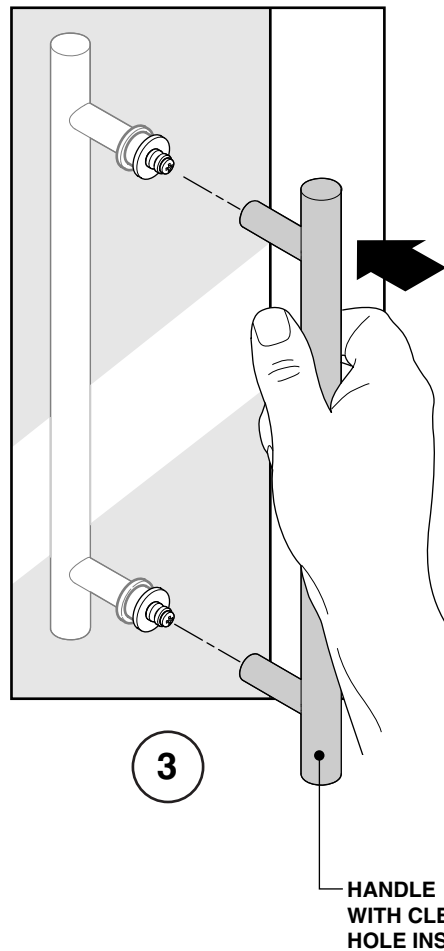
2. Install the plastic washers, steel washers and bolts onto the handle that has the threads inside the tubes as shown.



3. Place the handle with the clearance holes inside the tubes over the bolts.

4. Install the set screws on the upper (4a) and lower (4b) portion of the handle using Loctite 425.

NOTE: Make sure the set screws are located on the bottom of the handle, so they are not visible to the customer.



Ladder Pull Handle Installation

Ladder Pull Configurations-

(locking and non-locking aligned,
locking and non-locking offset)

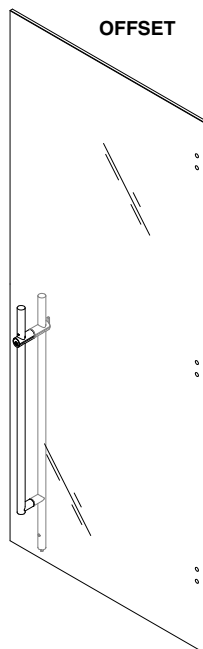
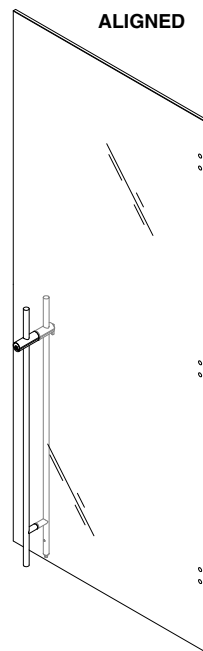
- 1a.** Place plastic spacer(s) into mounting holes.

***Note: non-locking versions
require spacers in both holes,
locking versions only requires
a spacer in the lower hole.***

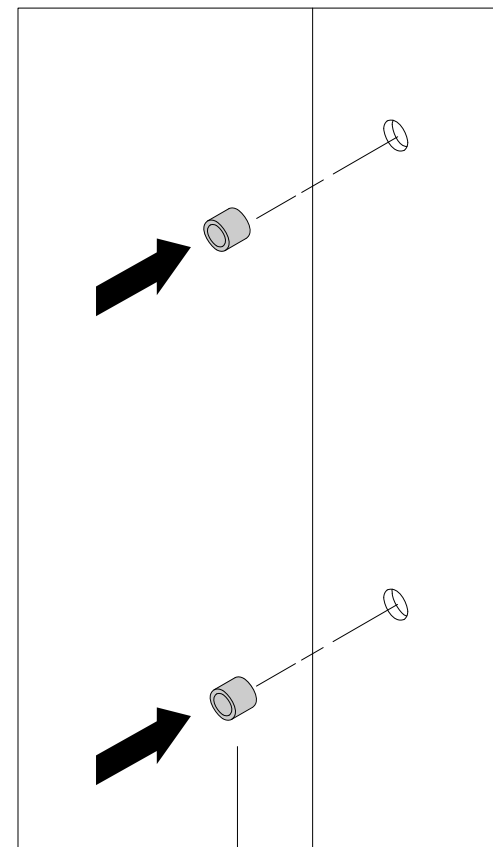
- 1b.** Complete the handle installation per manufacturer's instructions.

Installation Dust Free Floor Socket "Locking Option" Only:

- 2.** Reference manufacturer's instructions.



1a



SPACER