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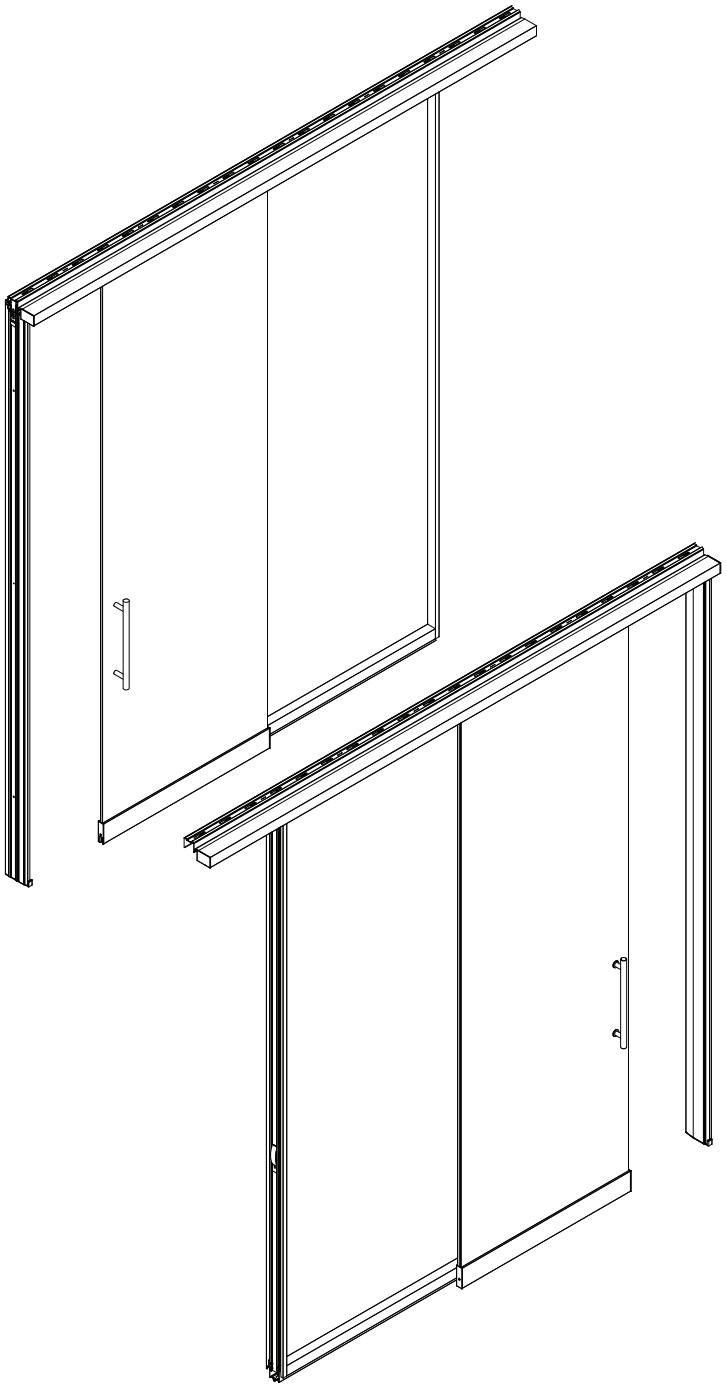
# Everwall™ Slider Door Assembly Directions



## Non-Seismic Applications*

* The building's Engineer of Record must be consulted to determine if there are any seismic requirements.

**⚠ CAUTION**

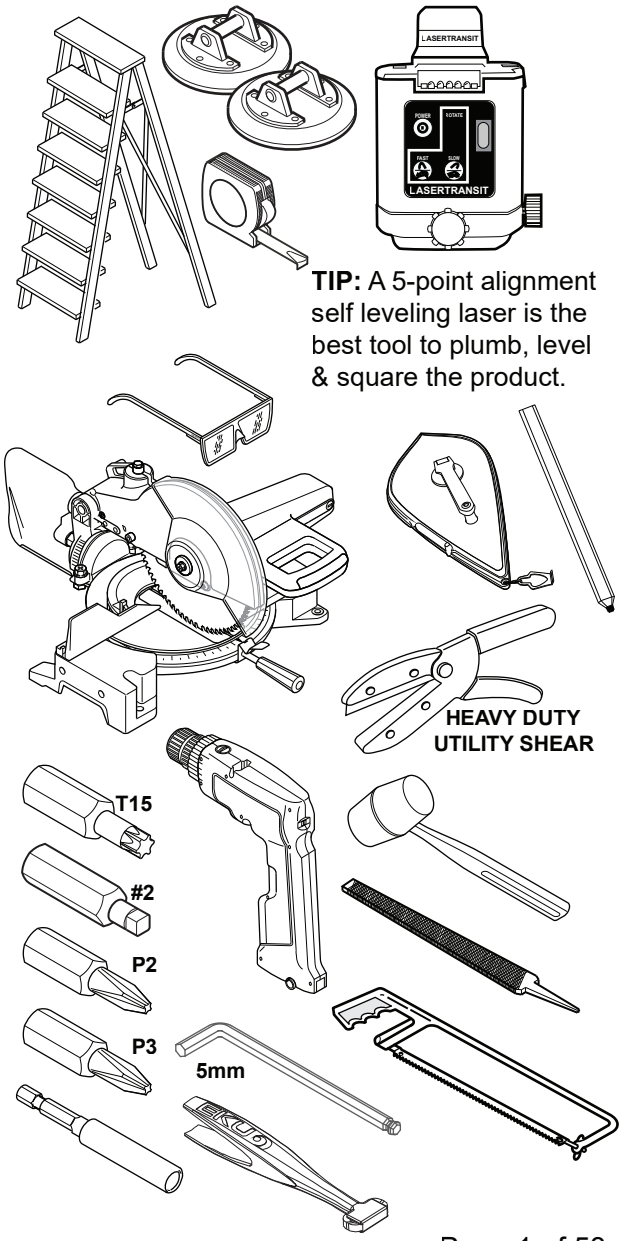
**CRUSH HAZARD!**
**FAILURE TO PROPERLY SECURE EVERWALL TO THE BUILDING COULD RESULT IN PERSONAL INJURY.**

Read the entire Assembly Directions before beginning installation.

Building construction varies greatly. The Building's Engineer of Record is responsible for the design of building floors, ceilings and walls which Everwall attaches to and must verify the adequacy of the mounting solutions, even if provided by Steelcase.

The building owner or designated agent is responsible for verifying that the installation is in compliance with all local codes and regulations.

## Tools




**TIP:** A 5-point alignment self leveling laser is the best tool to plumb, level & square the product.

**888.STEELCASE** (888.783.3522)
www.steelcase.com

Grand Rapids, MI 49501 U.S.A.

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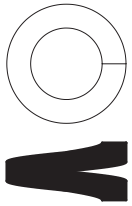
## Hardware

**Note:** Fasteners are denoted with these letters throughout these assembly directions.

### A

M6 x 1 x 16
5mm Hex drive
Qty 2

### B



M6 Split Lock Washer
Qty 3

### C

#10-16 x 0.438 tapping shoulder
#2 Square drive
Qty 3

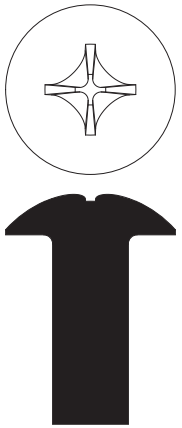
### D

#8-16 x 0.75 tapping
T15 drive
Qty 2 each color

### E

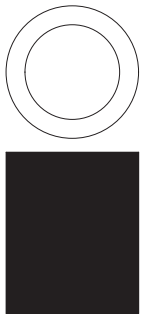
#10-16 x 1.5
#2 Square drive
Qty 12

### F



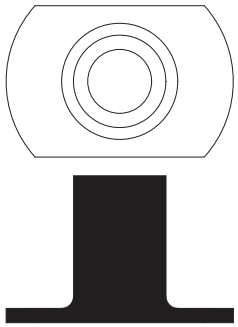
1/4"-20 x 0.625
#3 cross recessed
Qty 3

### G



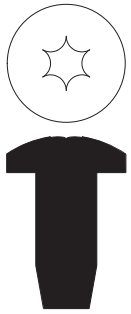
11.11 OD X 13.5mm Length
Qty 3

### H



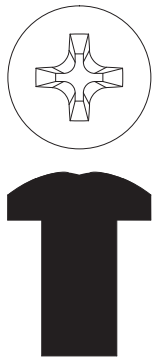
1/4"-20
Qty 3

### J



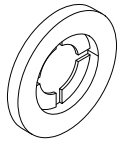
#4-40 x 0.25 tapping
Qty 2

### K



#6-20 x 0.25 tapping
#2 cross recessed
Qty 6

### L



19/32" OD Plastic Washer
Qty 2

### M

#6 x 0.875
#2 cross recessed drive
Qty 4

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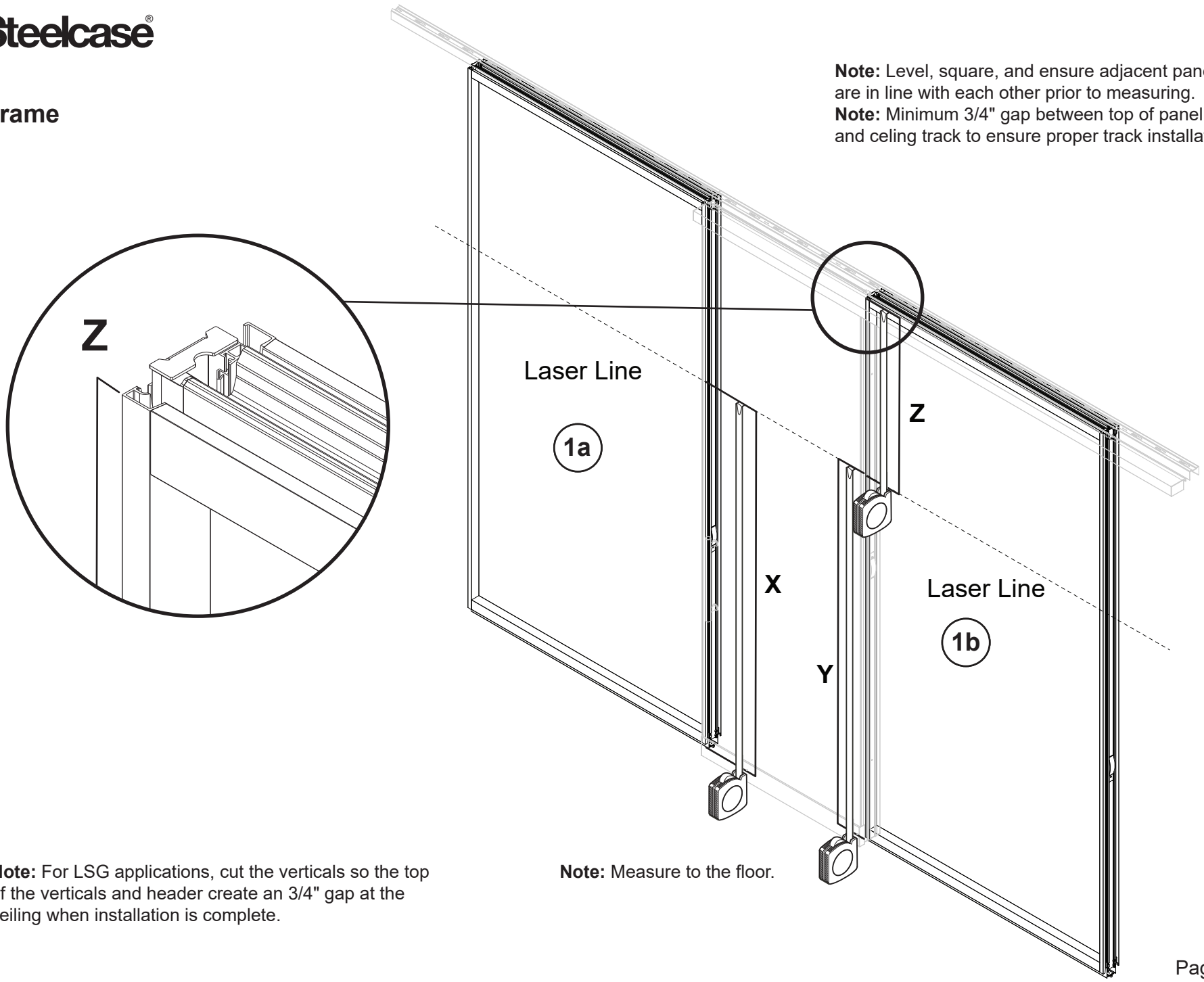
## Frame

**Note:** Level, square, and ensure adjacent panels are in line with each other prior to measuring.
**Note:** Minimum 3/4" gap between top of panel and celing track to ensure proper track installation.




**Note:** For LSG applications, cut the verticals so the top of the verticals and header create an 3/4" gap at the ceiling when installation is complete.

**Note:** Measure to the floor.

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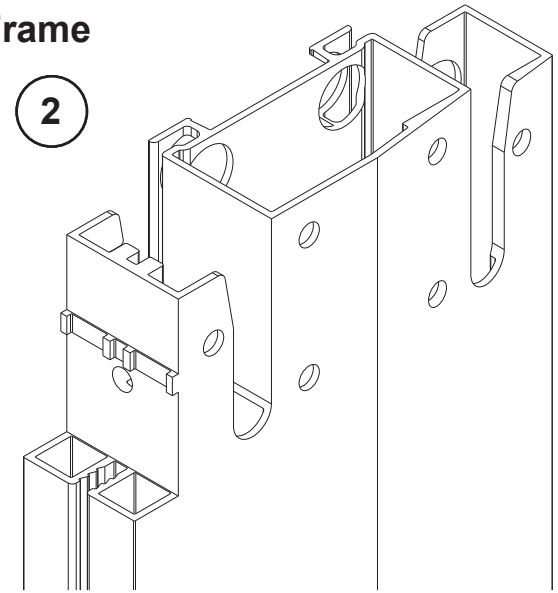
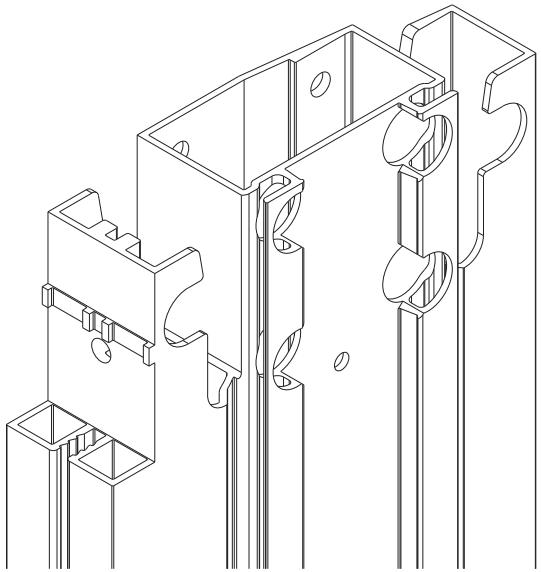
## Frame

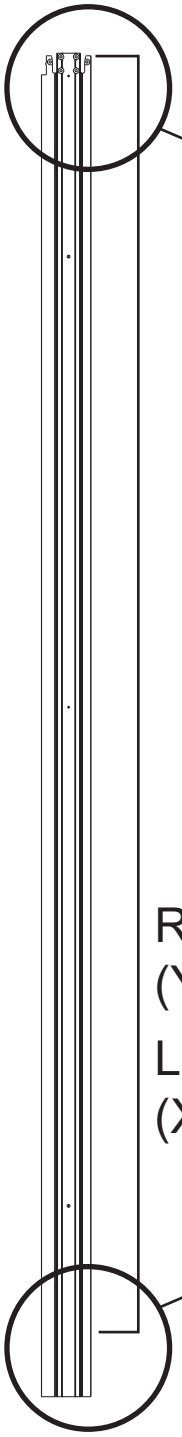
2



**1x Left-Hand Frame Rail**

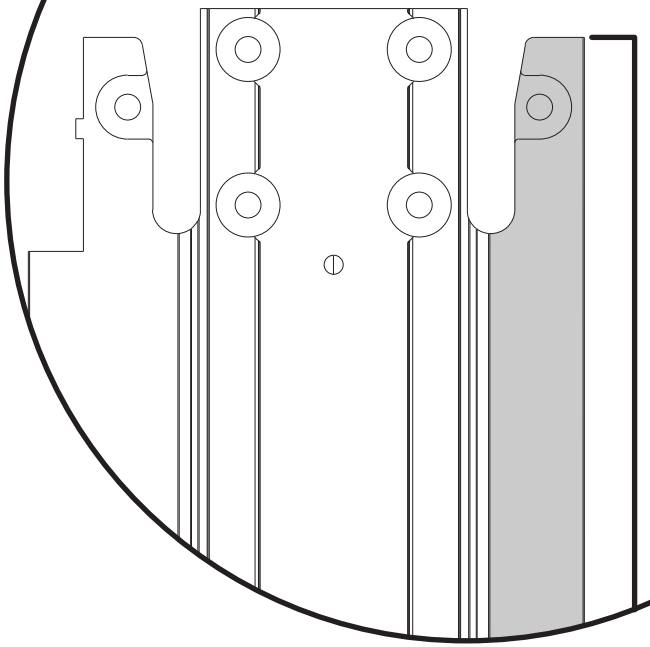


**1x Right-Hand Frame Rail**



3a

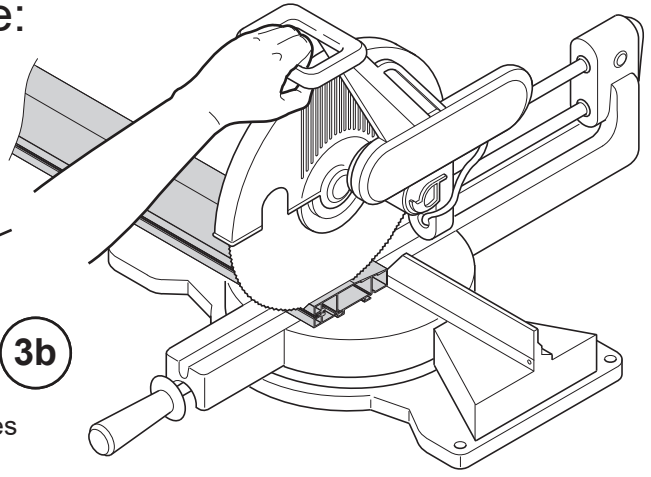
**IMPORTANT:** Failing to measure from this surface may result in needing a new vertical.



Right-Hand Frame:
(Y+Z) - 3/32"
Left-Hand Frame:
(X+Z) - 3/32"

Right-Hand Frame:
(Y+Z) - 3/32"

Left-Hand Frame:
(X+Z) - 3/32"



3b

**Note:** Keep cut off pieces so they can be used for steps shown on page 8.□

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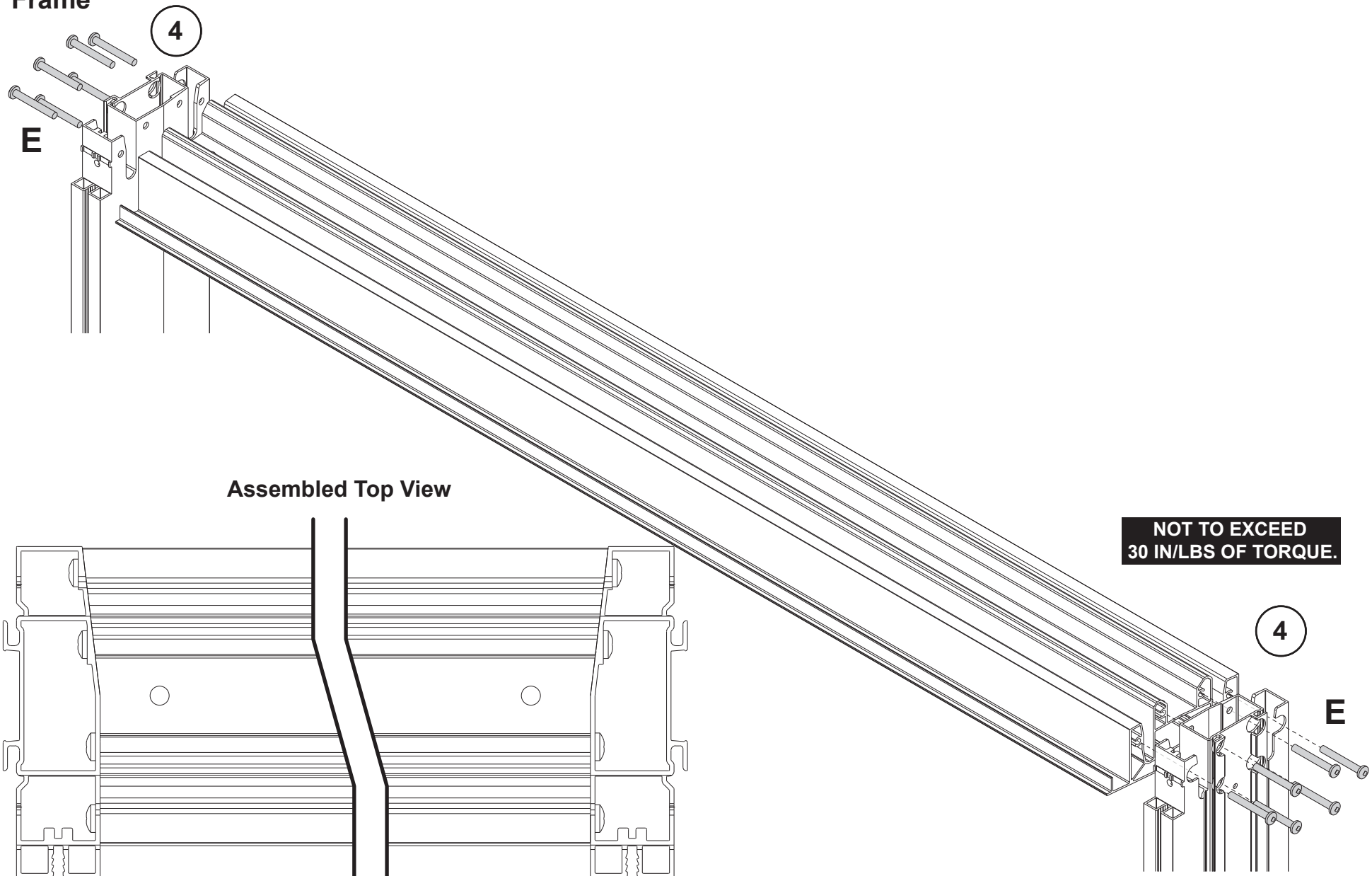
## Frame




## Assembled Top View

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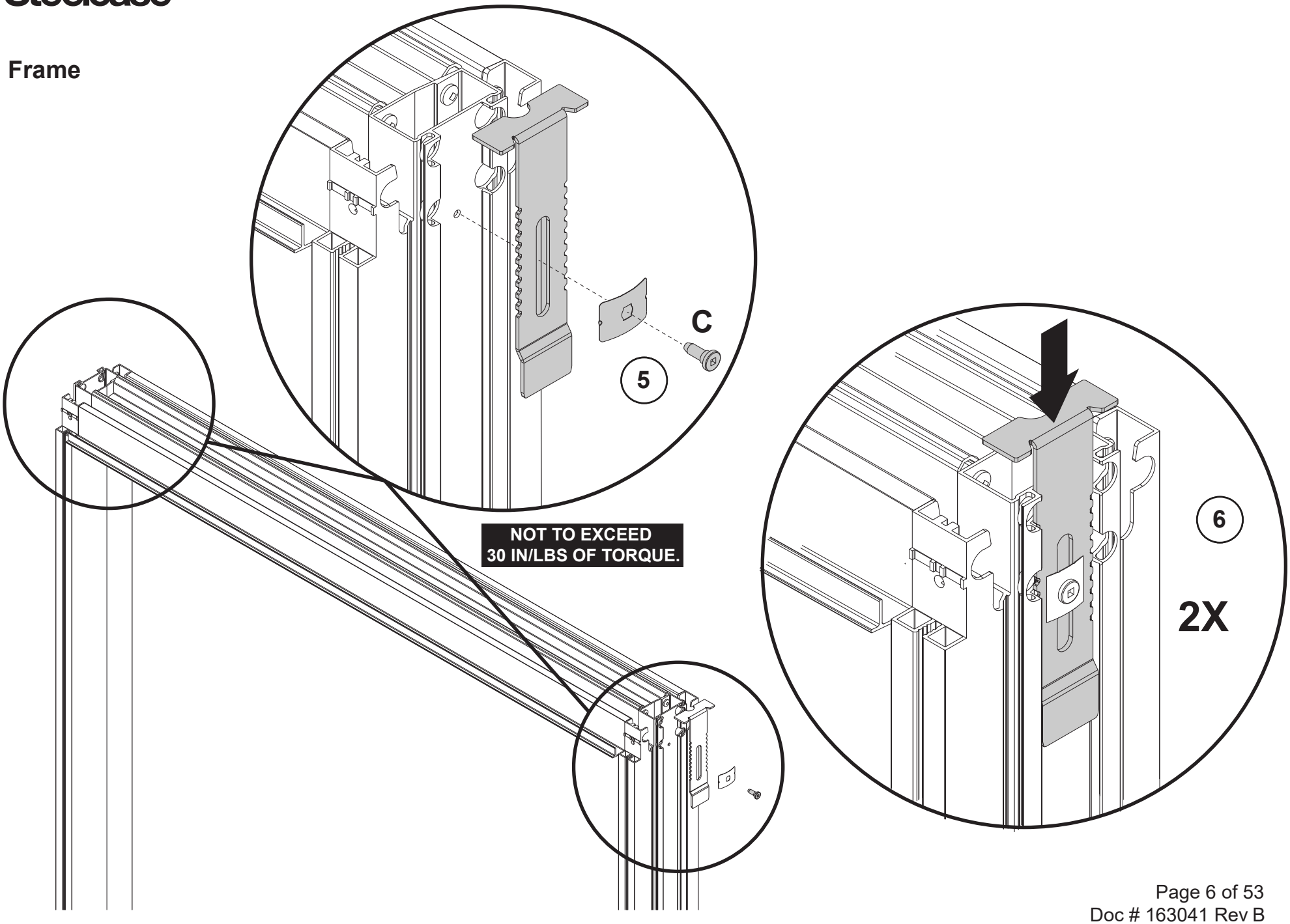
## Frame



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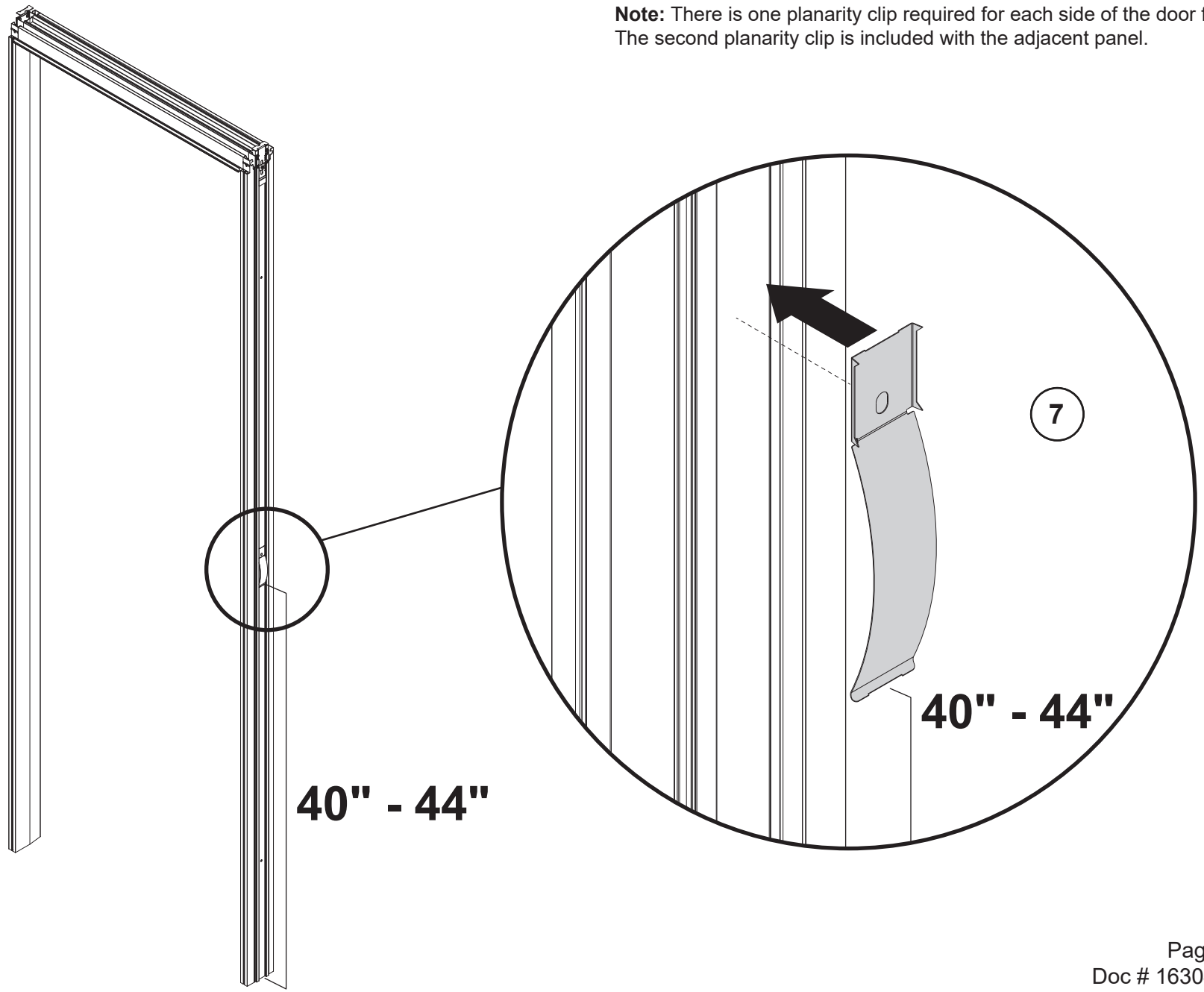
## Frame

**Note:** There is one planarity clip required for each side of the door frame. The second planarity clip is included with the adjacent panel.



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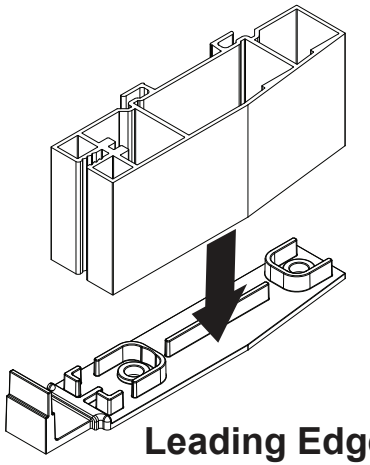
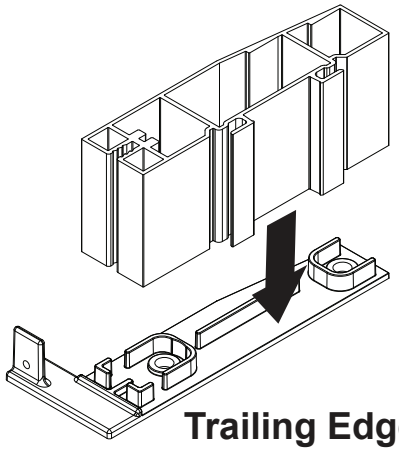
8

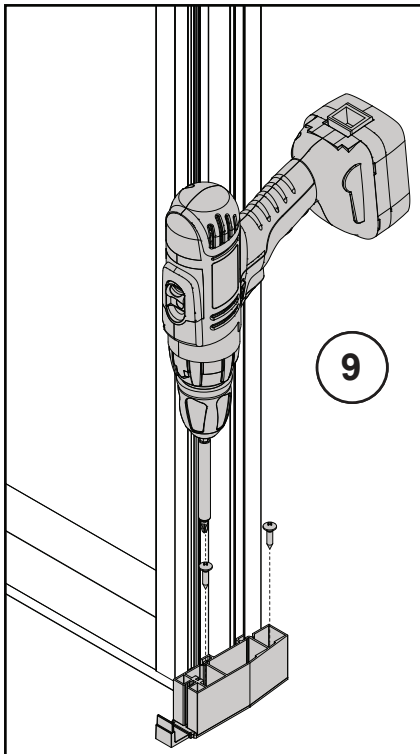
## Frame



**Leading Edge**



**Trailing Edge**



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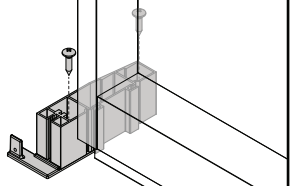

**Note:** Ensure adjacent panels are plumb and square prior to securing the plates to the floor.

**Note:** Brackets to be attached with screws, dual-lock, or double sided tape, depending on the floor type. Screws are not provided.

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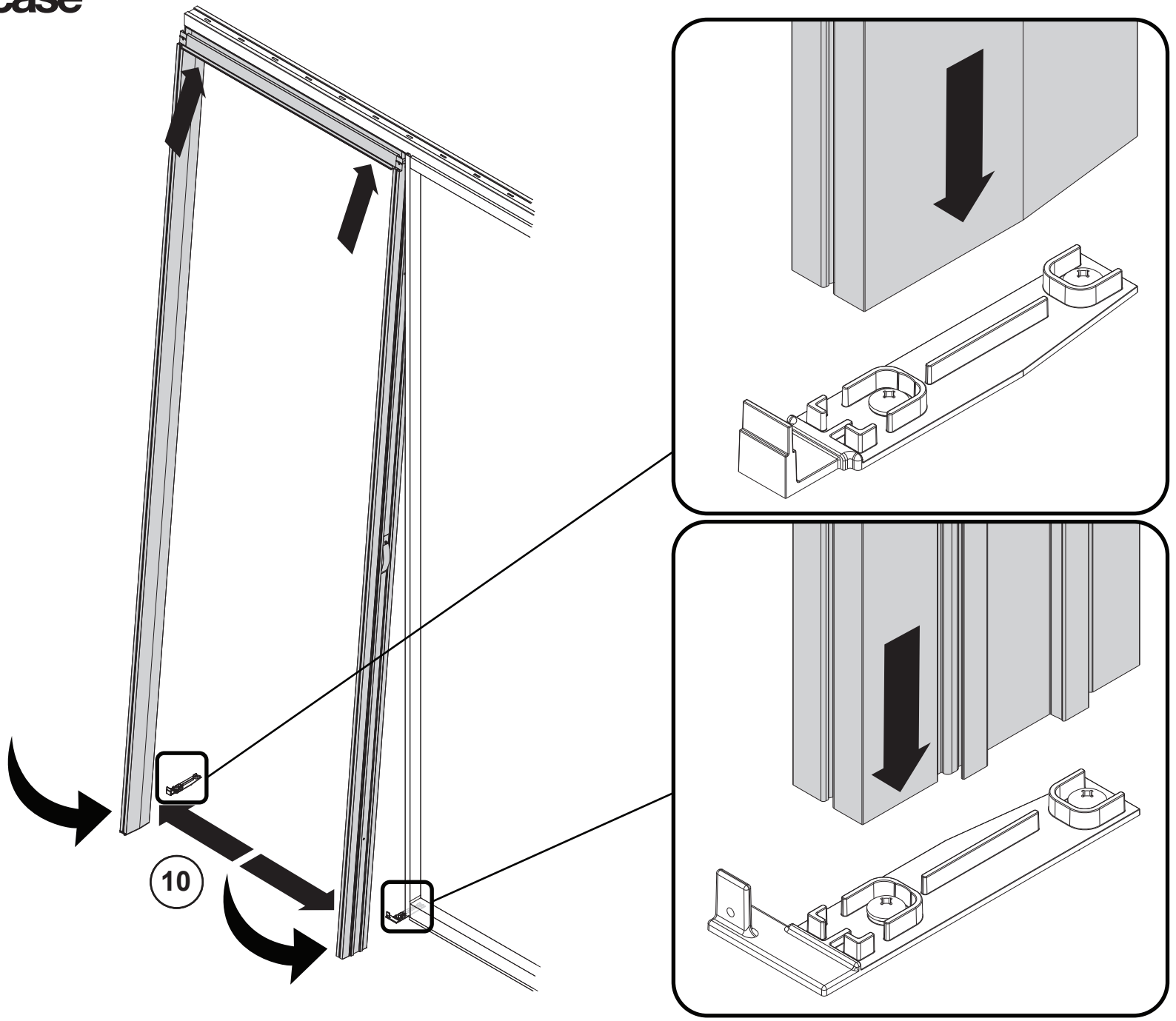
## Frame



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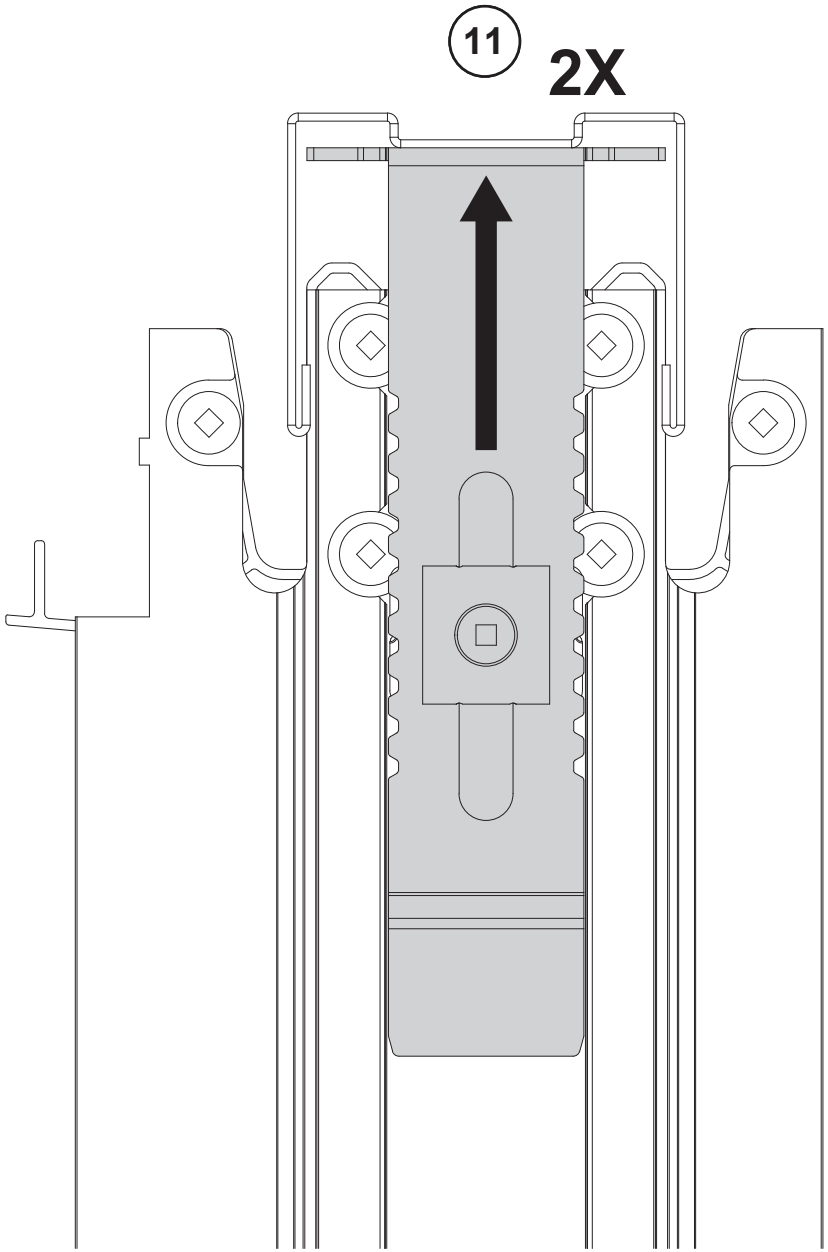
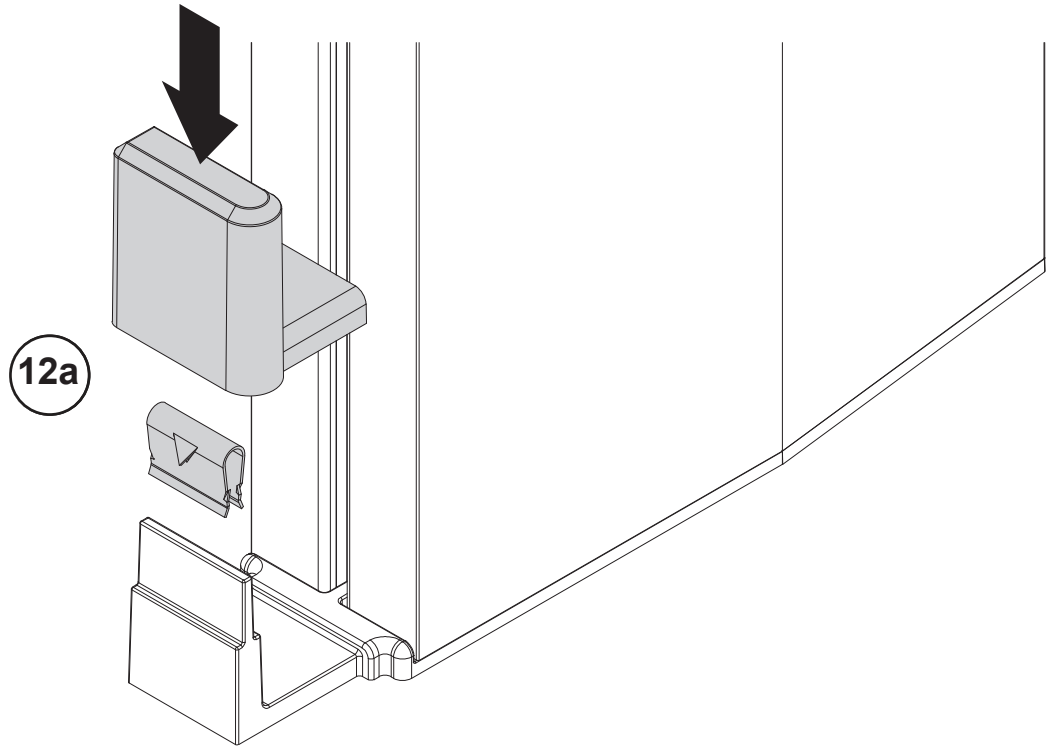
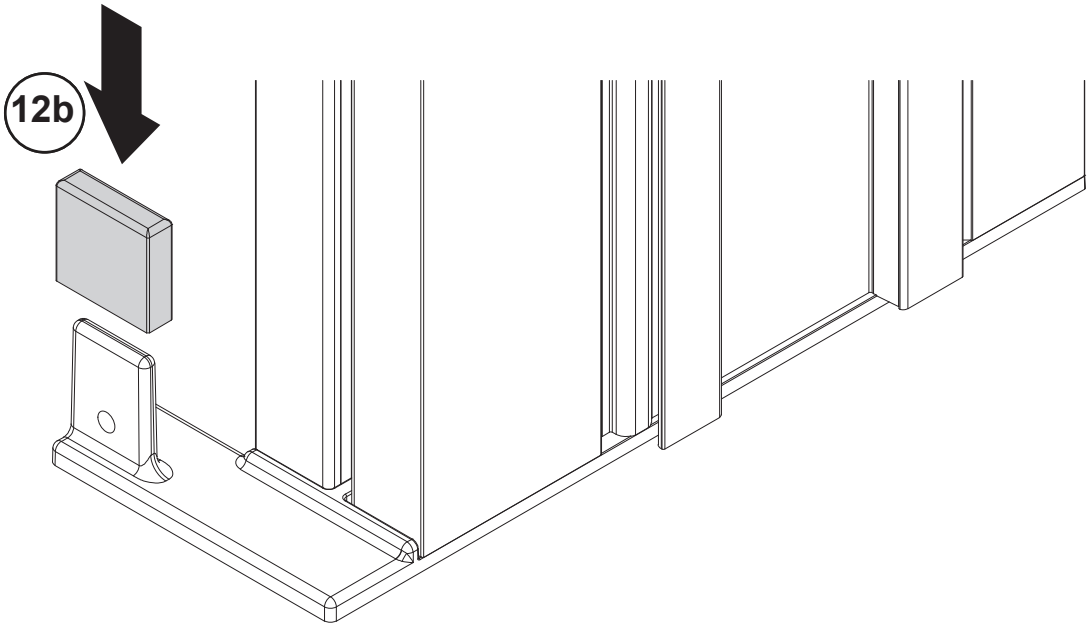
## Frame



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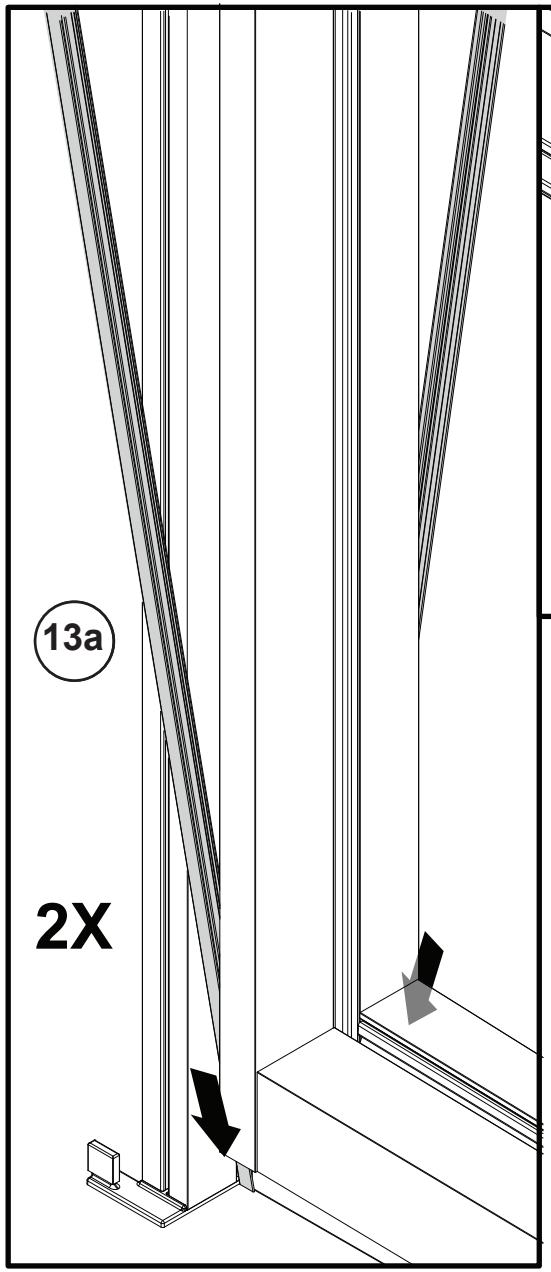
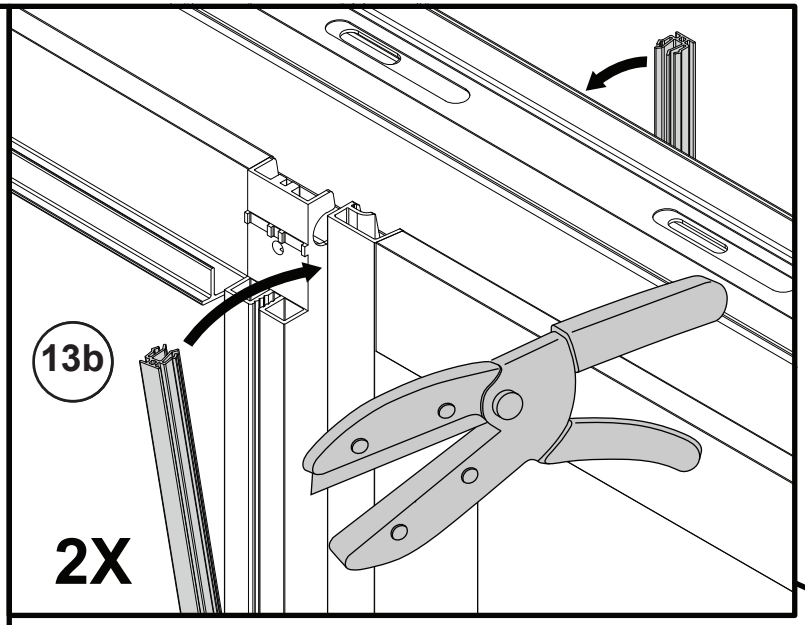
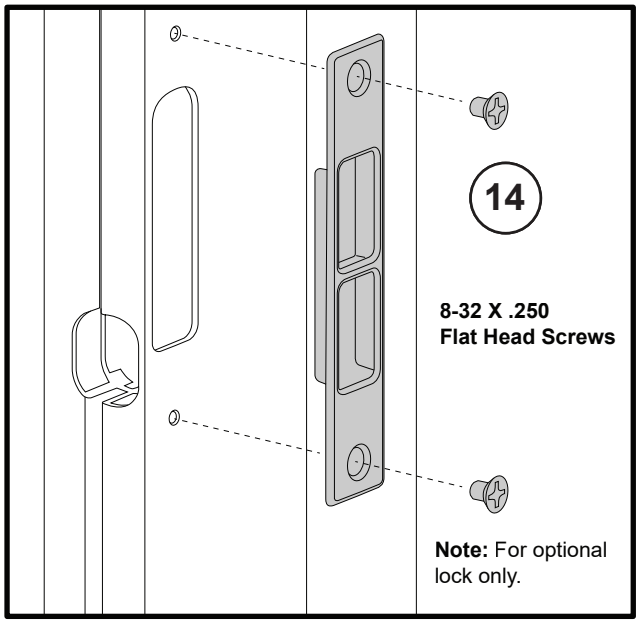
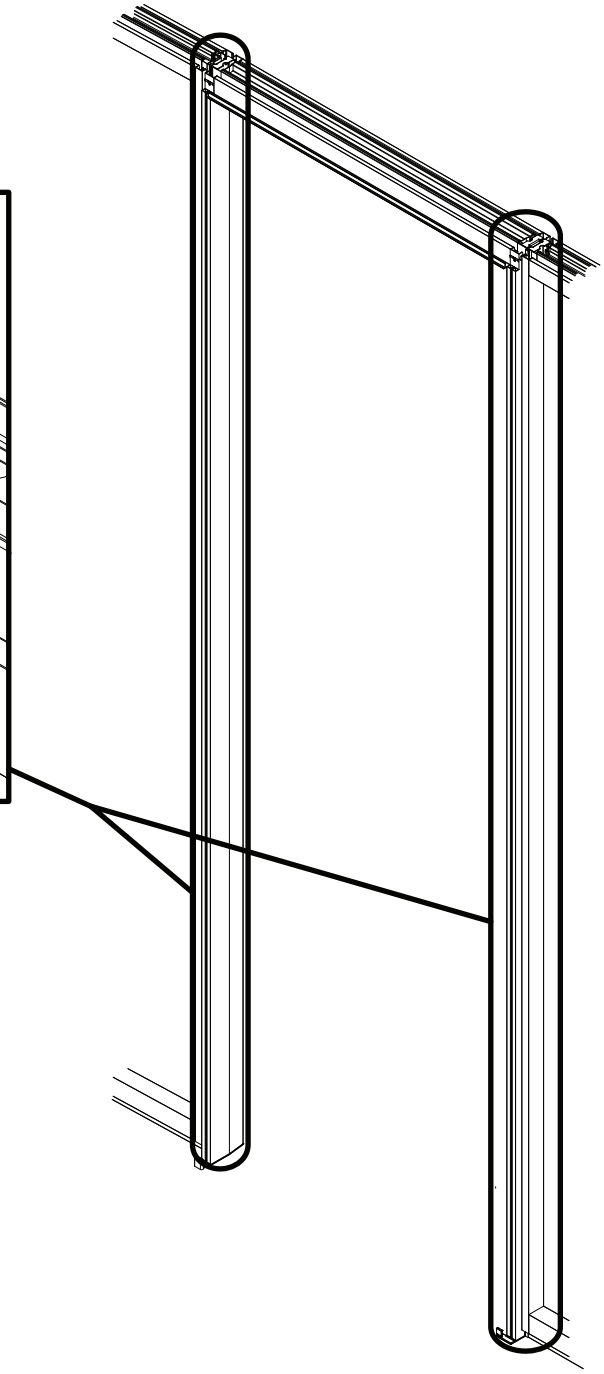
## Frame



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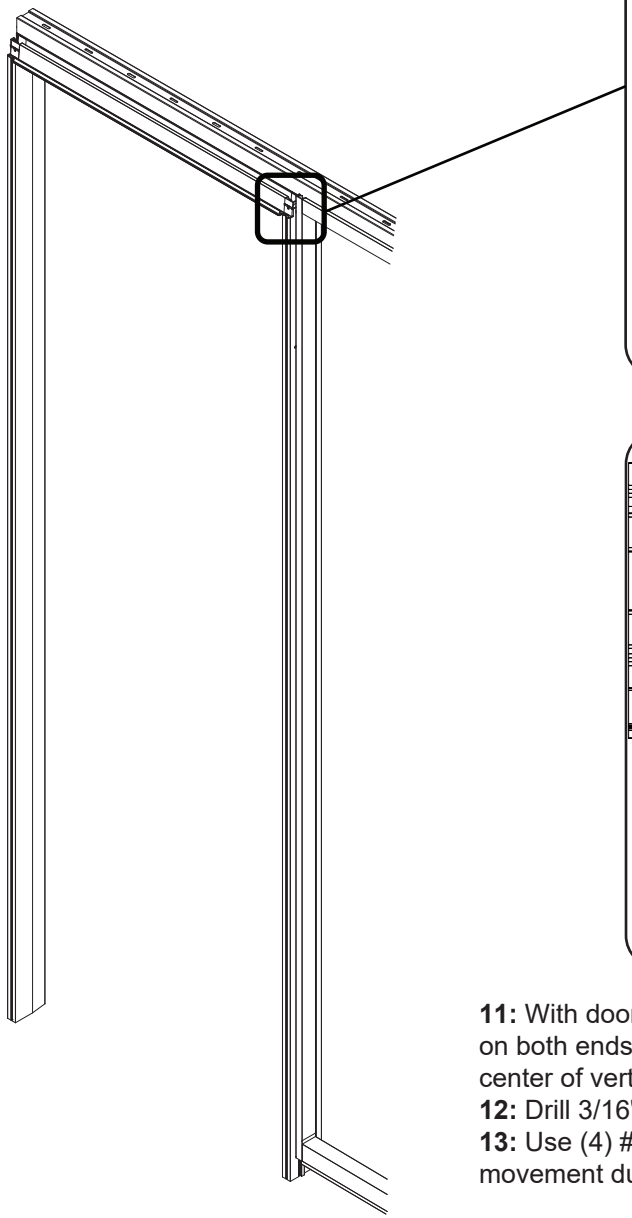
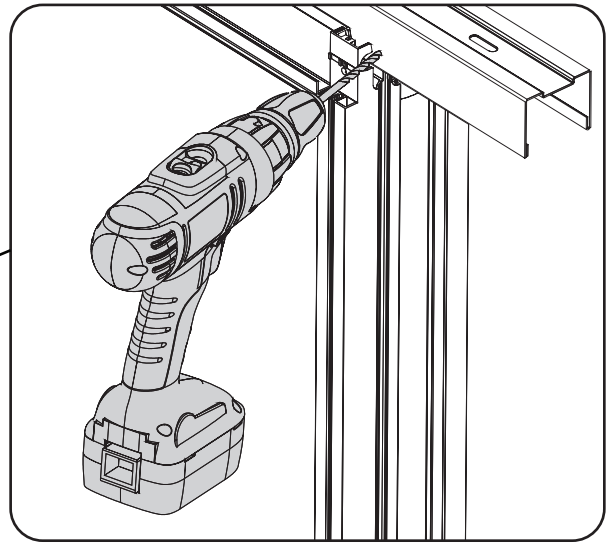
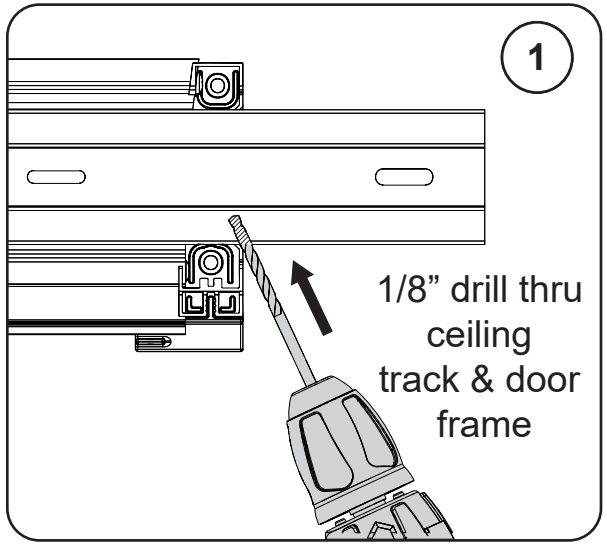
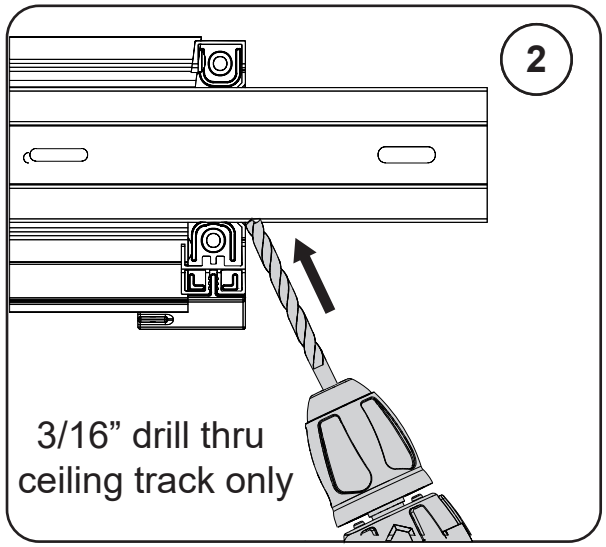
## Frame (LSG Applications)

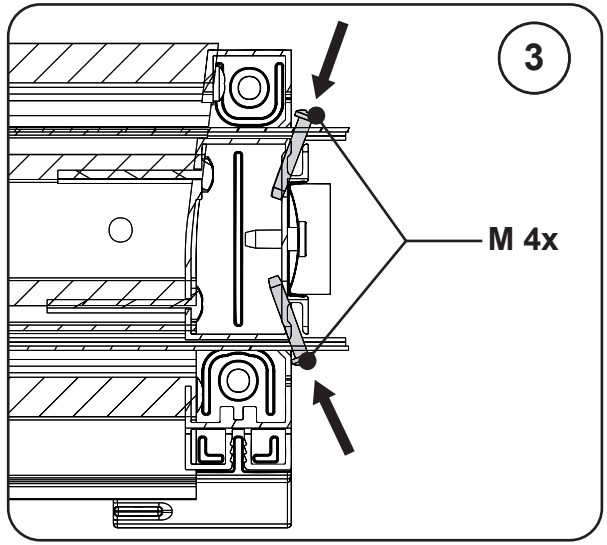
**Note:** For short ceiling track conditions - Fixing frame to ceiling track.








**11:** With door frame leveled and plumbed, drill 1/8" pilot holes in 4 places one either side of the ceiling track on both ends of the door frame. Angle the pilot holes toward the frame coupler groove as shown and drill through to the center of vertical.

**12:** Drill 3/16" clearence holes through the ceiling track wall only in the same 4 places.

**13:** Use (4) # 6 x 7/8" long screw to secure the door frame in place and prevent lateral movement during door operation.

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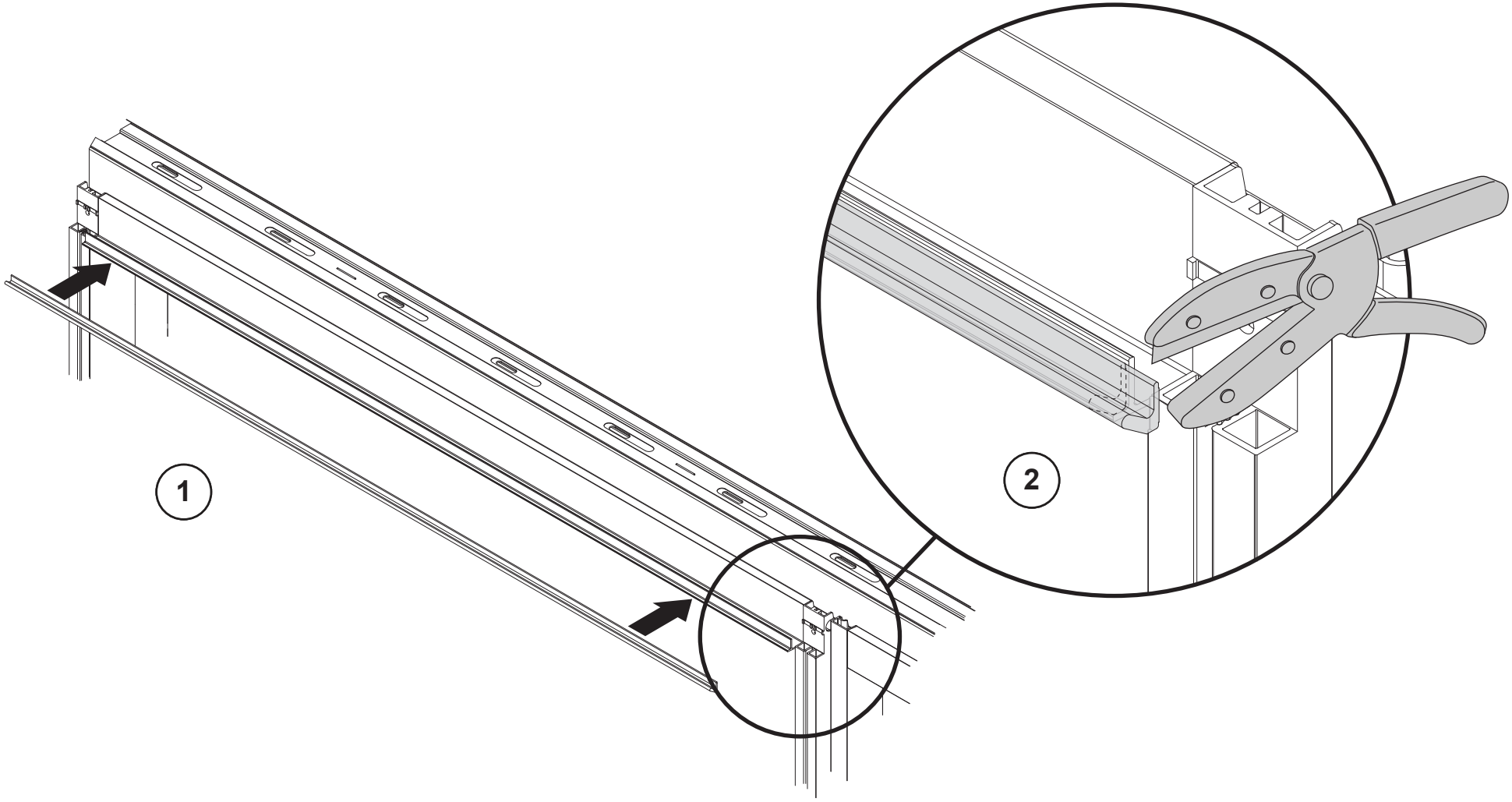
## Horizontal Acoustic Seal



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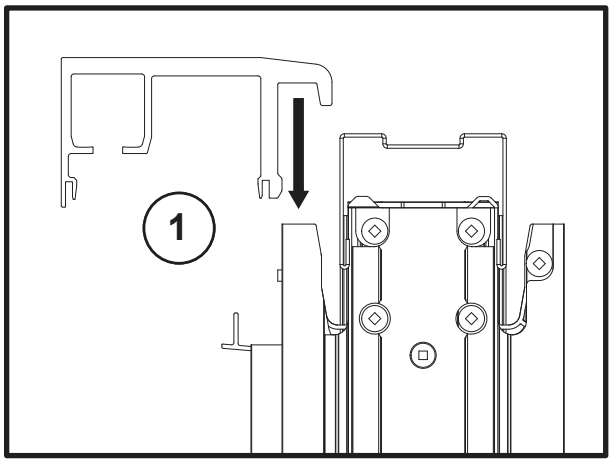
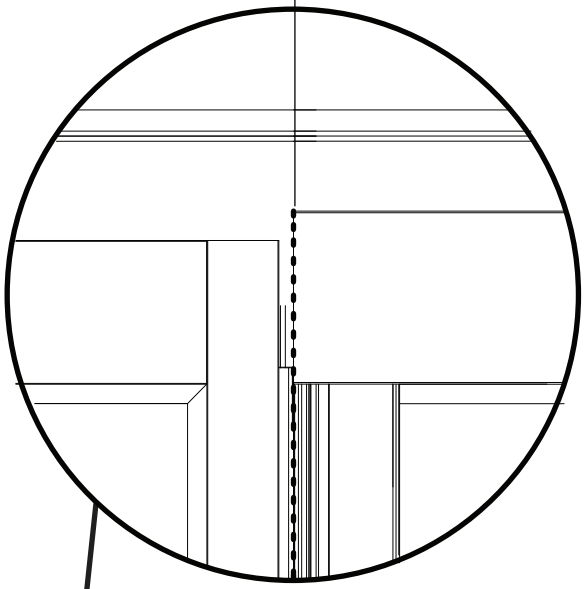
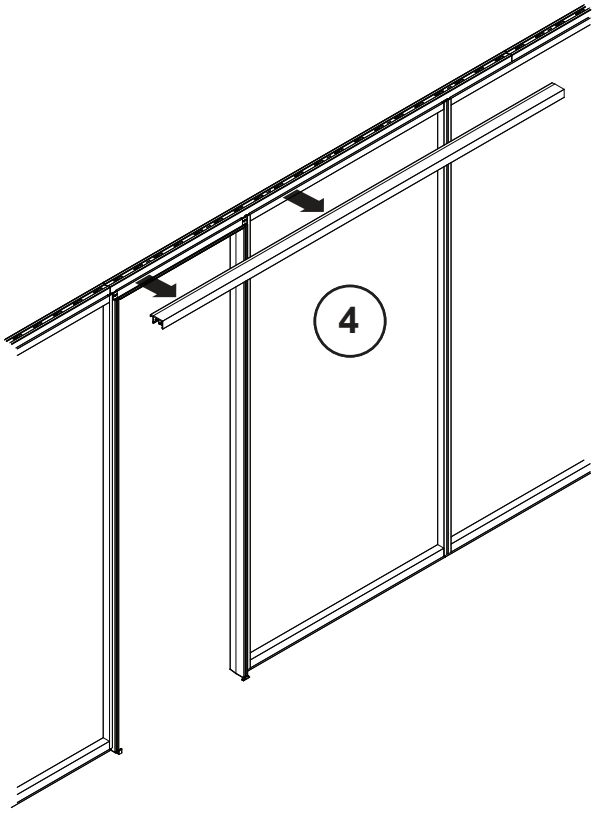
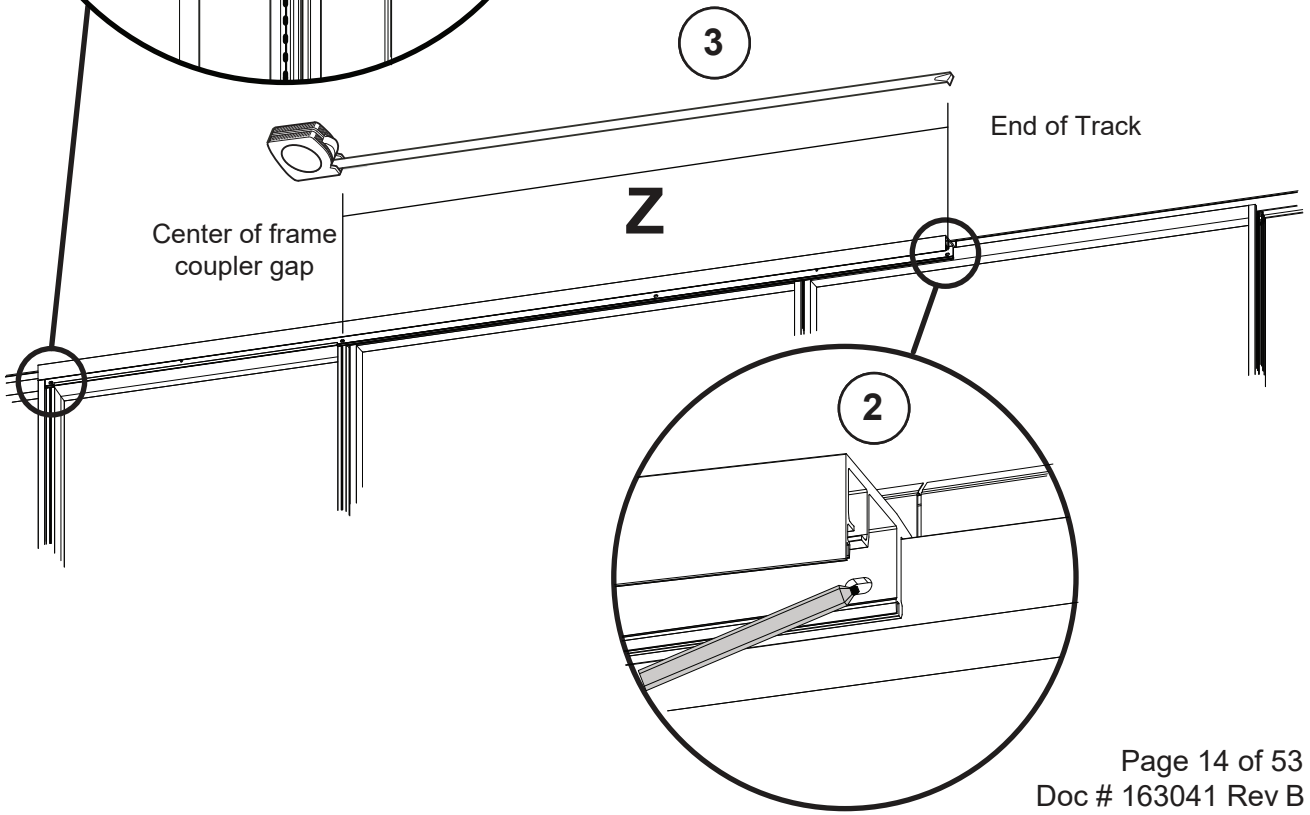
## Track



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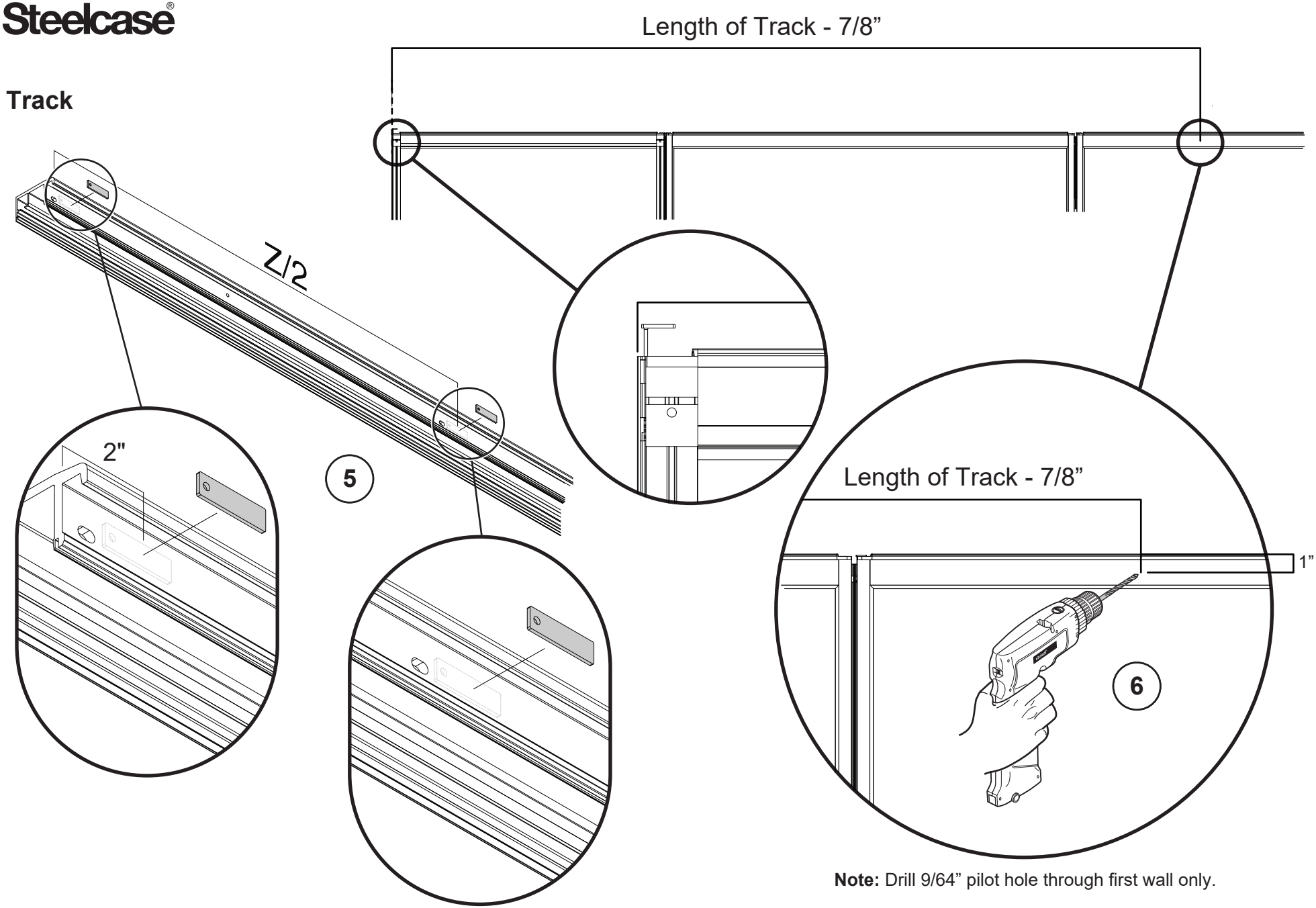
## Track




**Note:** Drill 9/64” pilot hole through first wall only.

**Note:** Spacer(s) are needed to account for a 0.4 mm nominal mismatch between vertical and horizontal structural members. Spacer(s) are not needed if there is a vertical transition within 4 inches of the recommended spacer locations.

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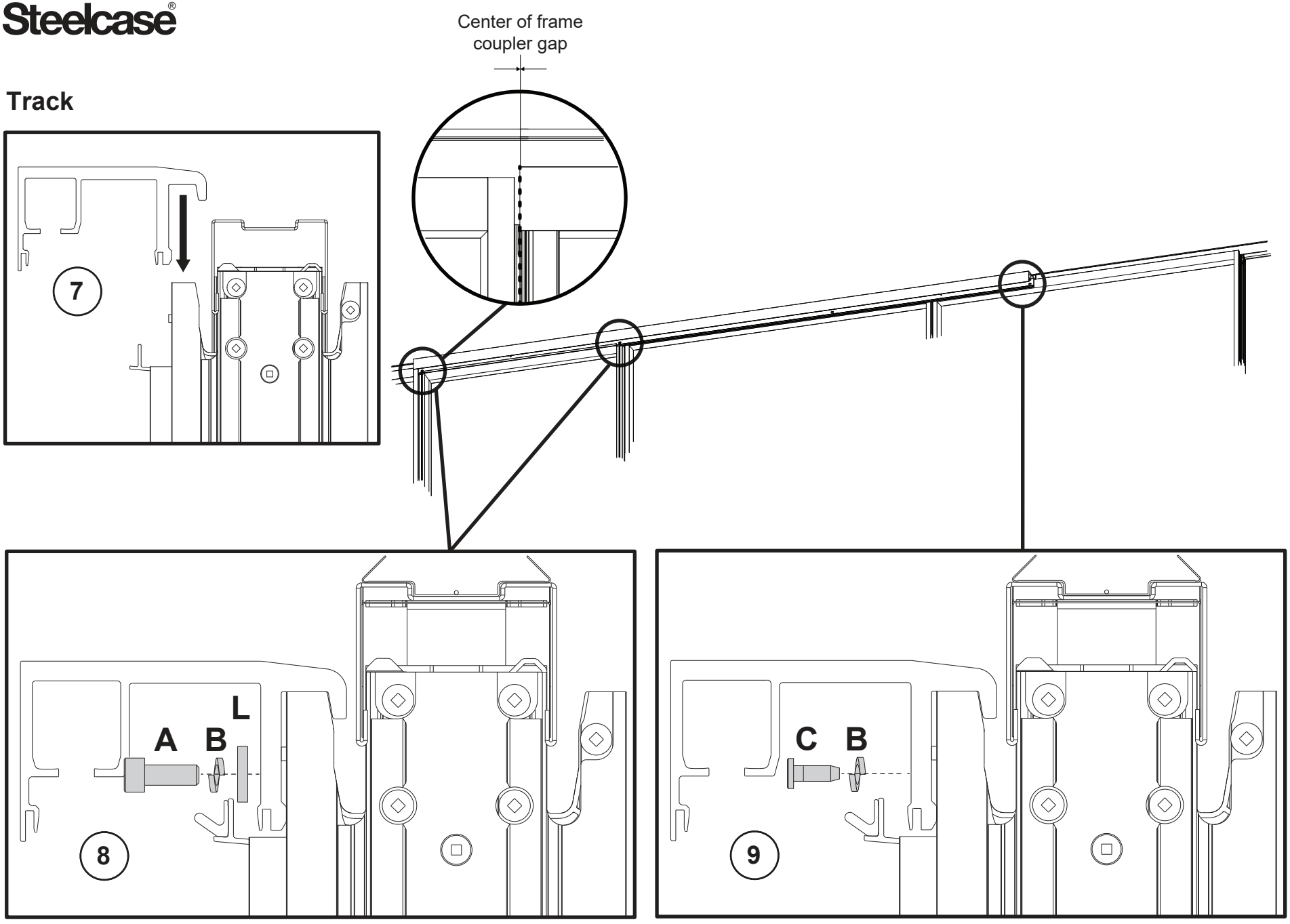
## Track



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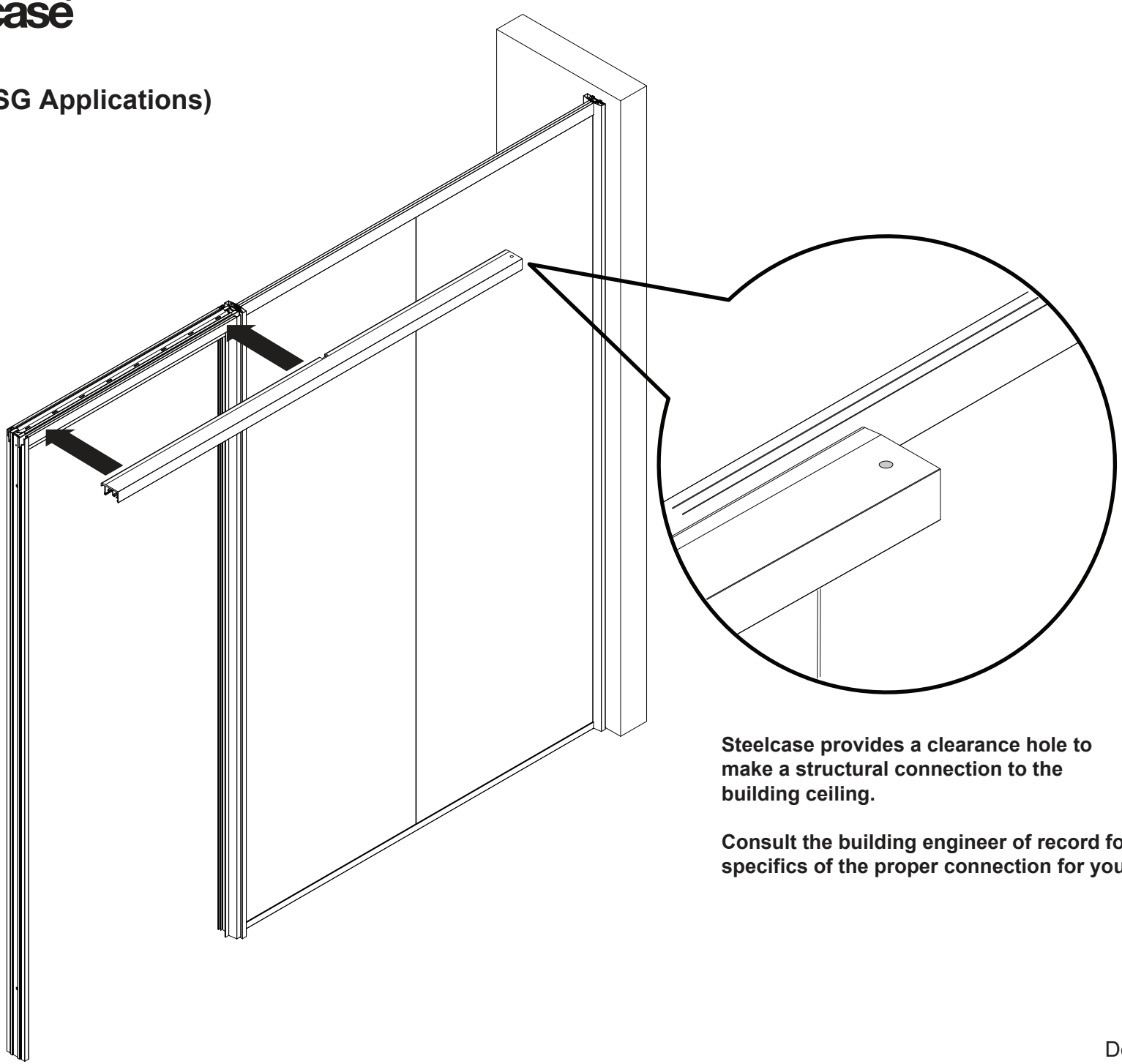
## Track (LSG Applications)



**Steelcase provides a clearance hole to make a structural connection to the building ceiling.**

**Consult the building engineer of record for specifics of the proper connection for your project.**

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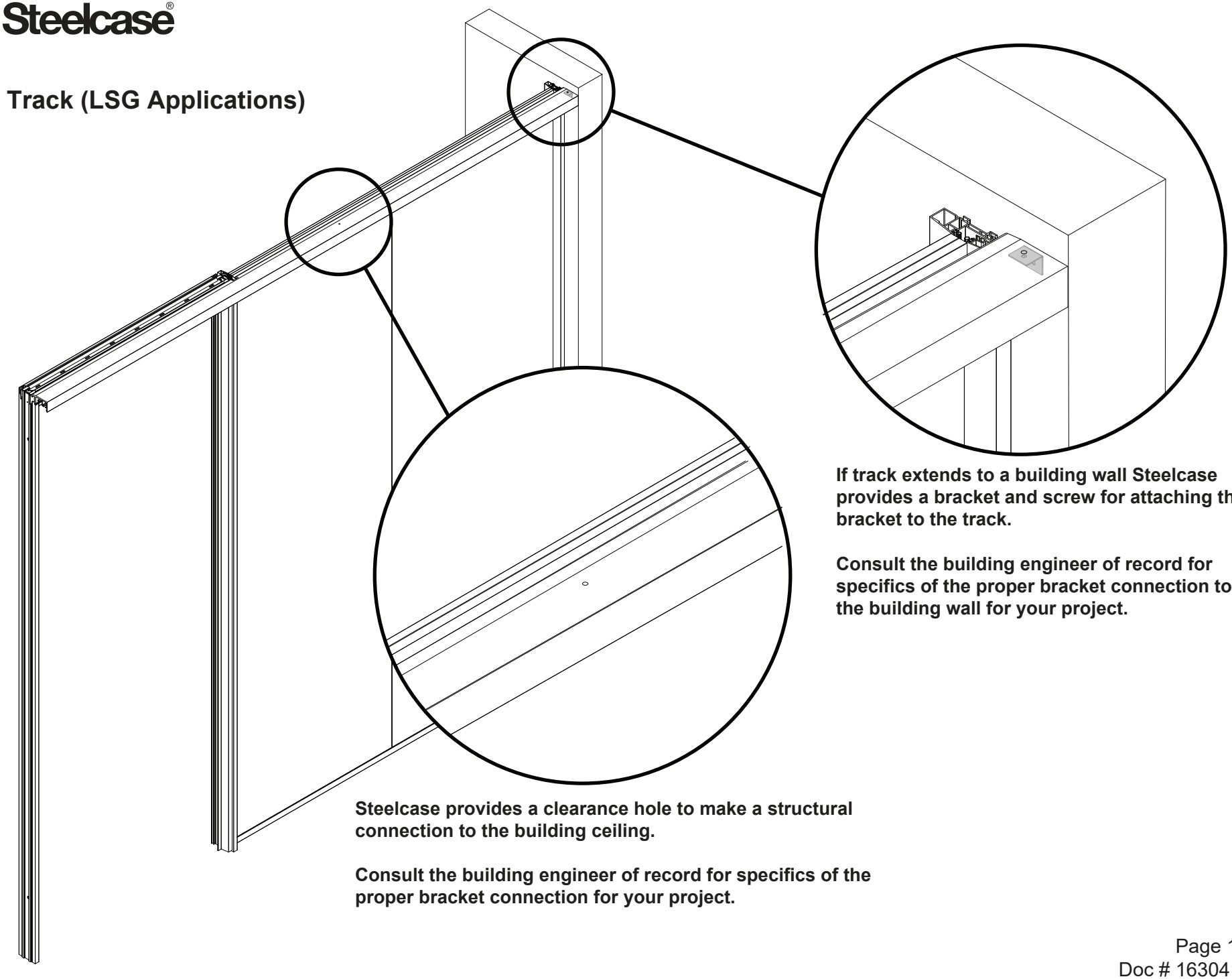
## Track (LSG Applications)



**If track extends to a building wall Steelcase provides a bracket and screw for attaching the bracket to the track.**

**Consult the building engineer of record for specifics of the proper bracket connection to the building wall for your project.**

**Steelcase provides a clearance hole to make a structural connection to the building ceiling.**

**Consult the building engineer of record for specifics of the proper bracket connection for your project.**

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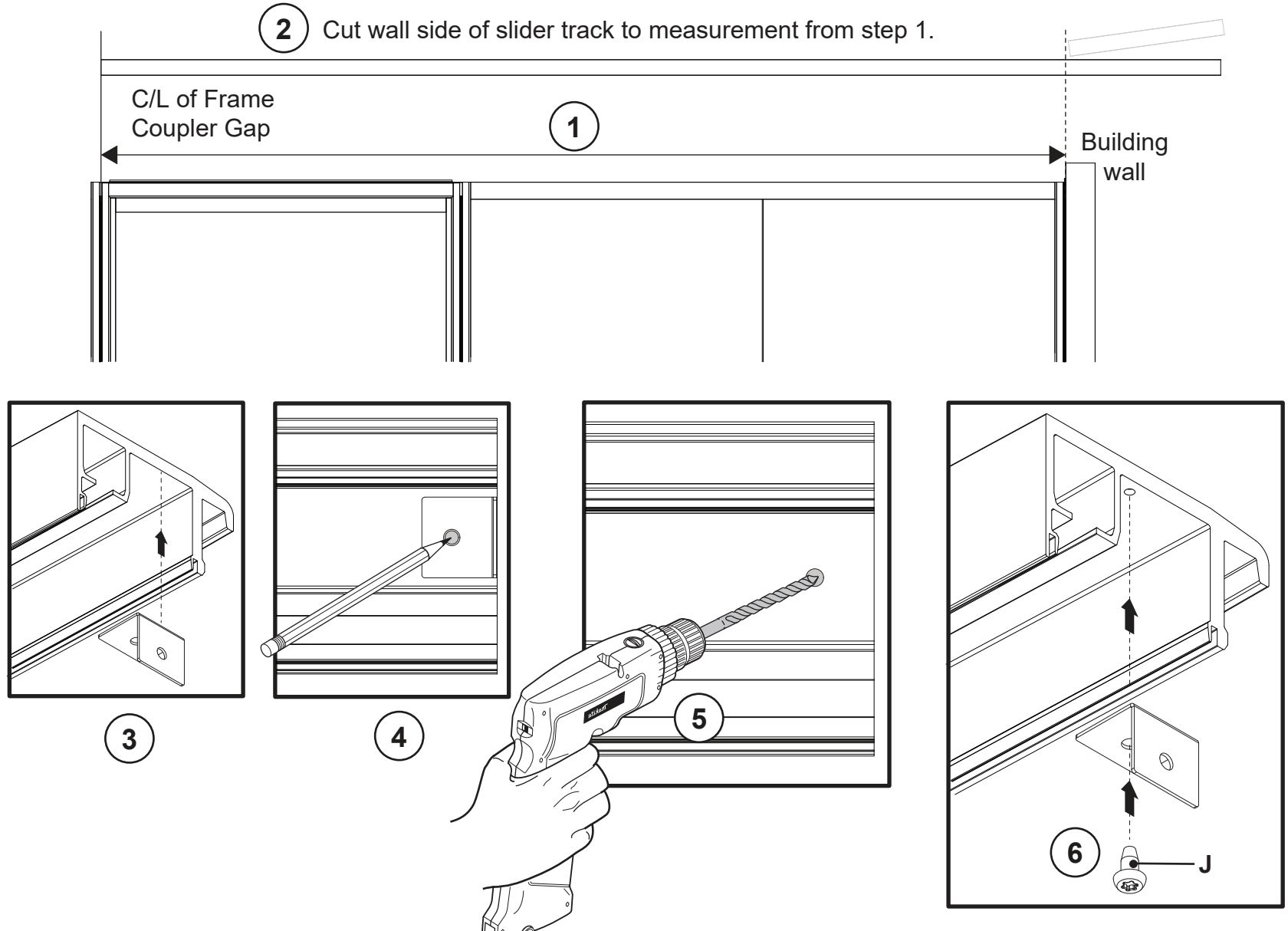
## Track (LSG Applications)



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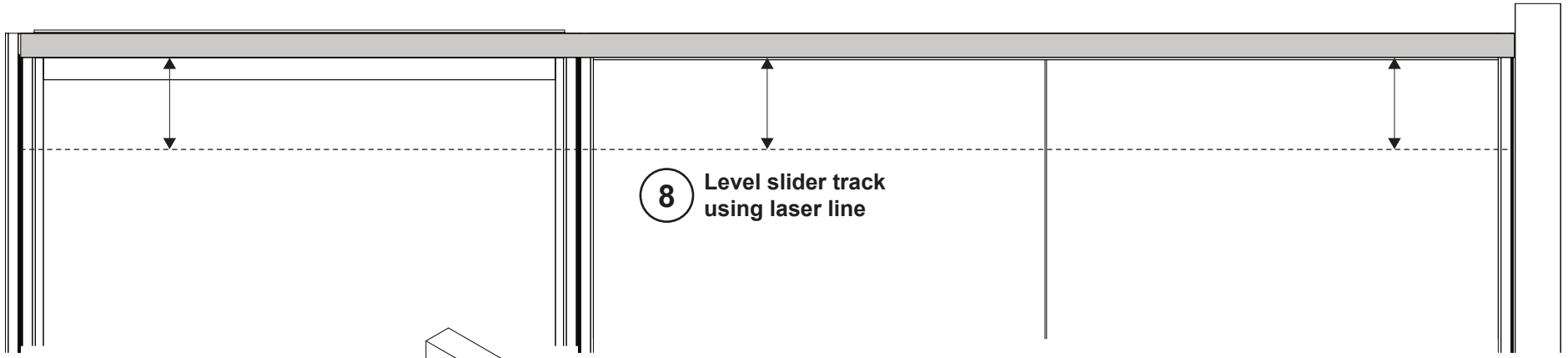
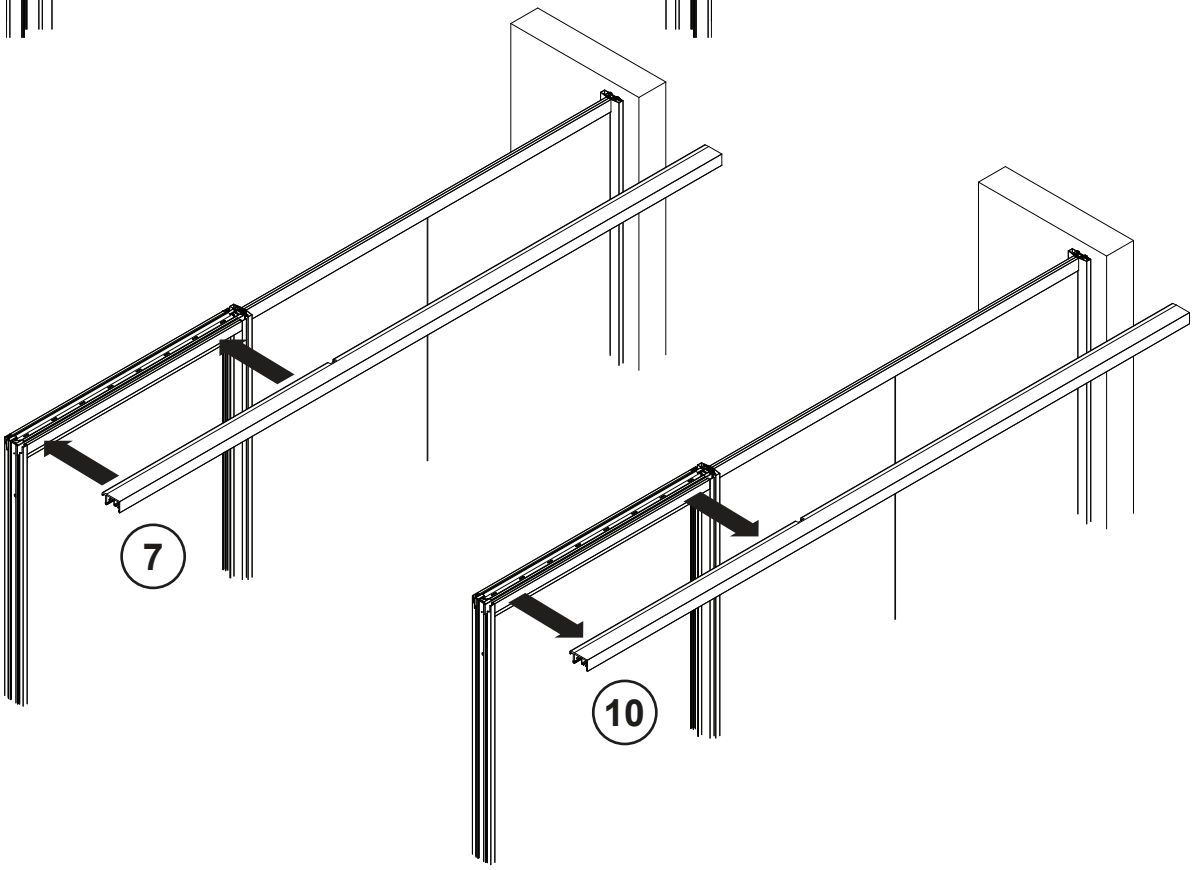
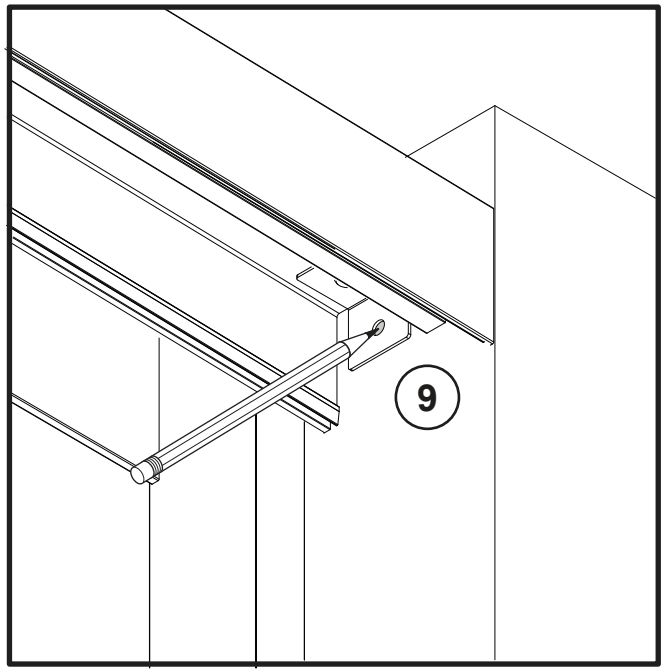
## Track (LSG Applications)



8 Level slider track using laser line



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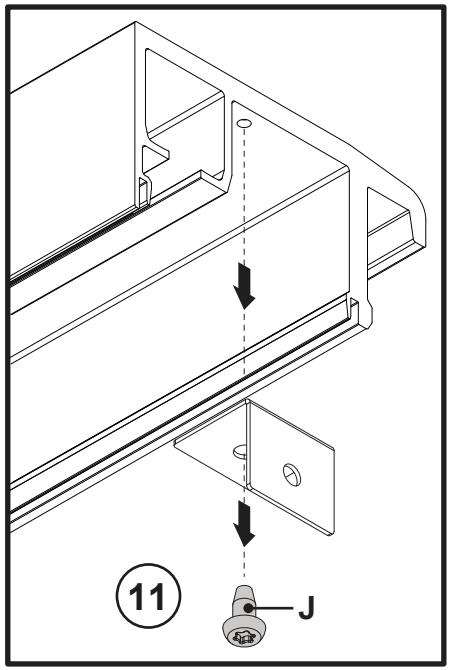
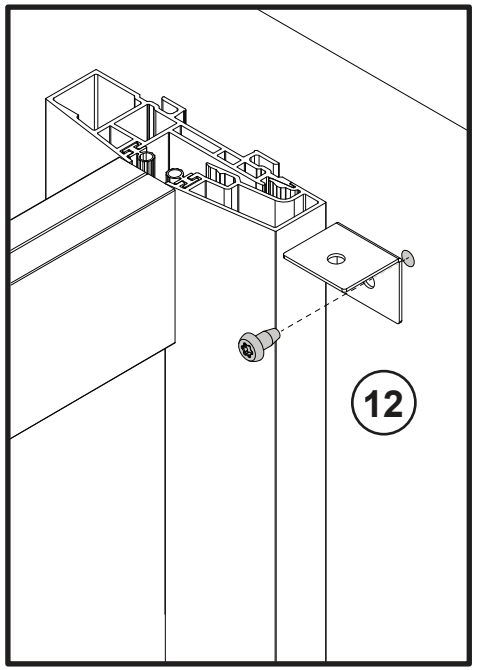
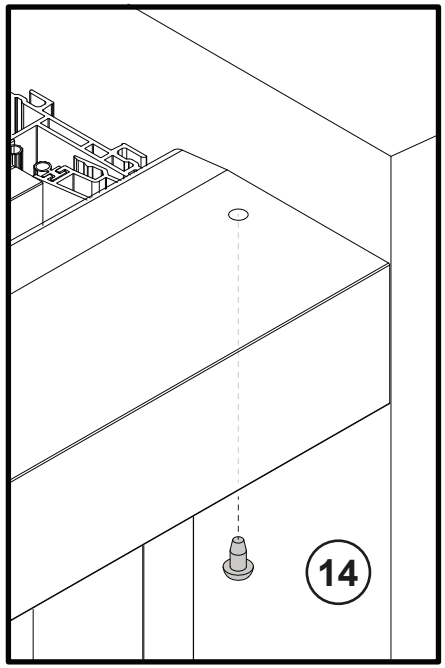
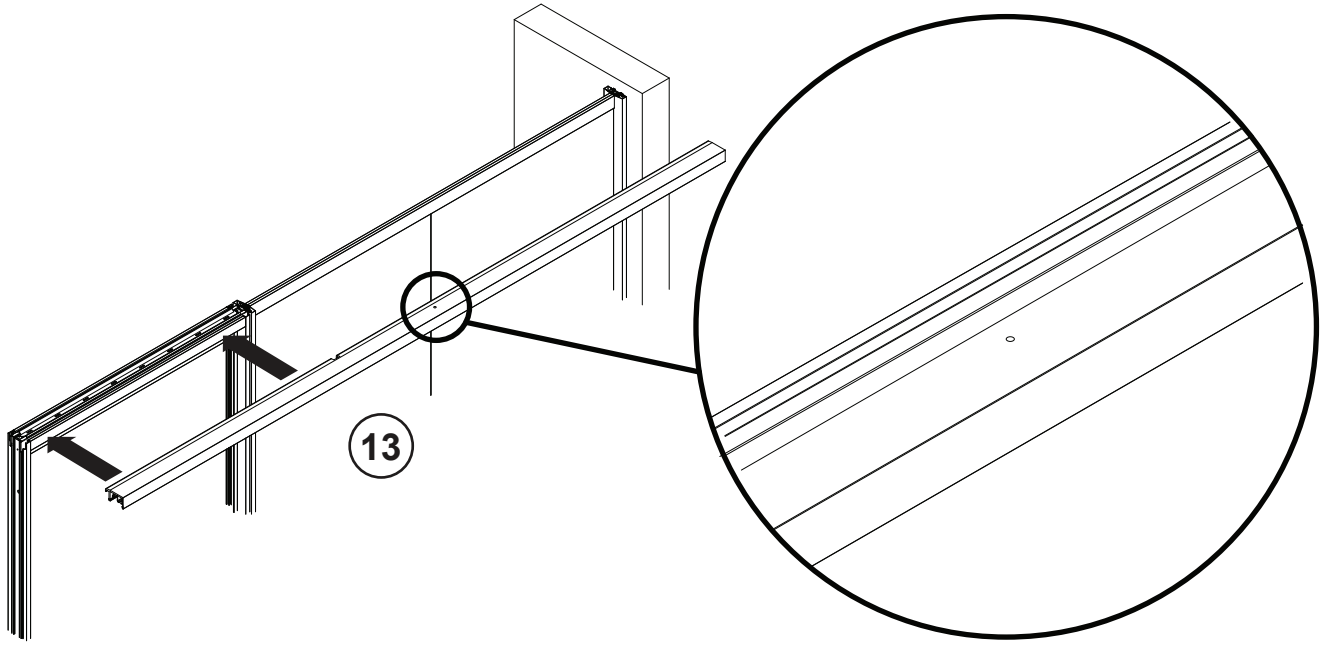
## Track
## (LSG Applications)



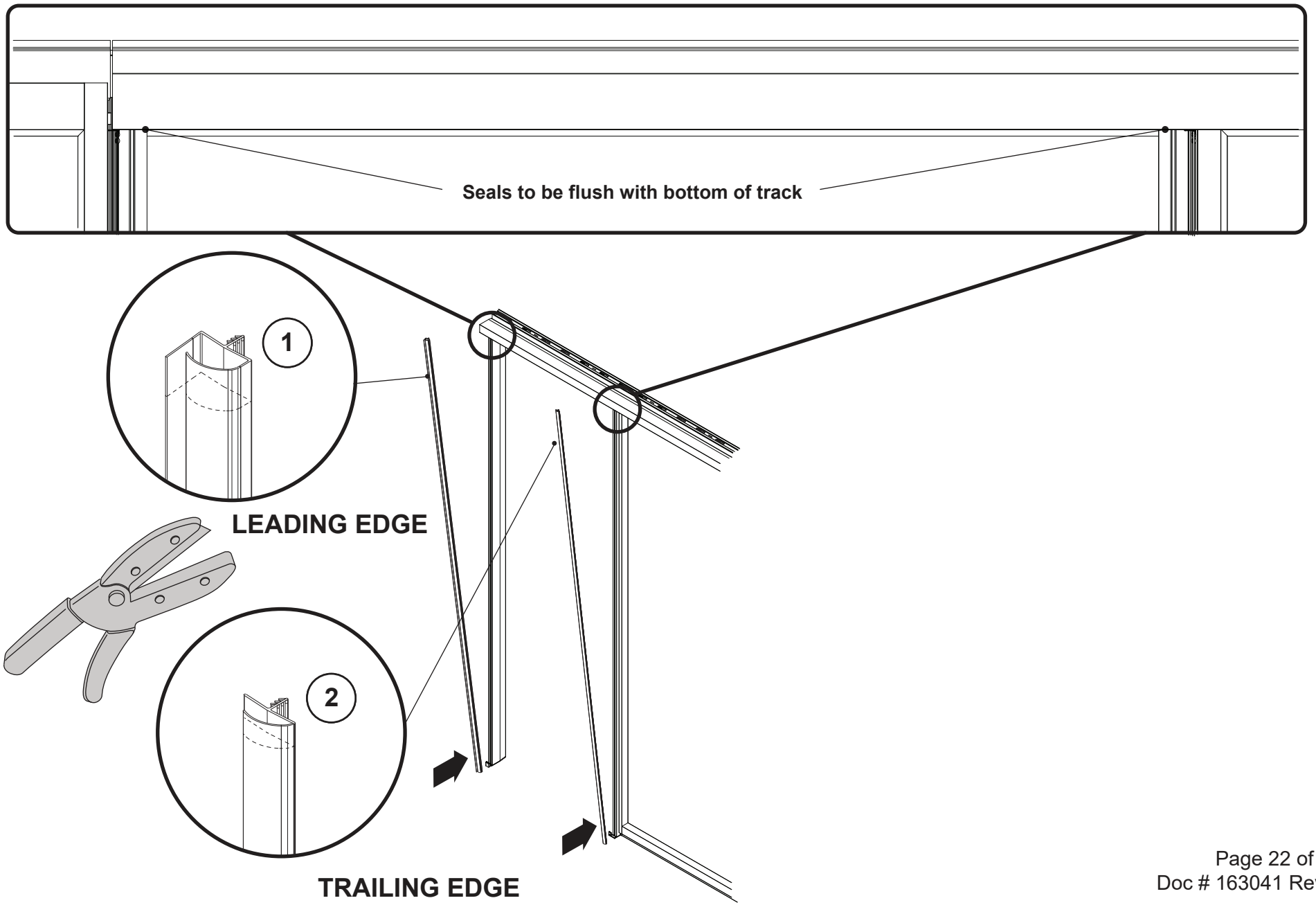




**Steelcase provides a clearance hole to make a structural connection to the building ceiling.**

**Consult the building engineer of record for specifics of the proper bracket connection for your project.**

Steelcase®

## Vertical Acoustic Seals



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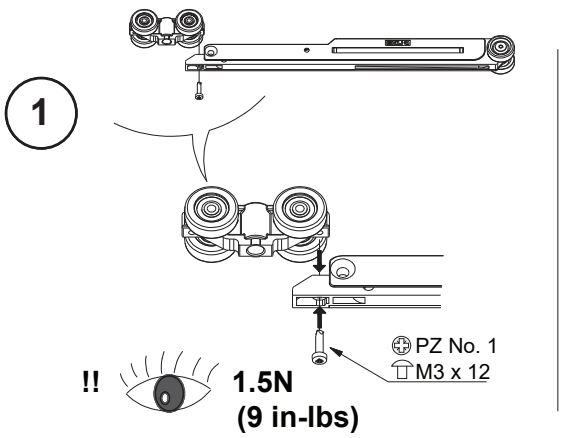
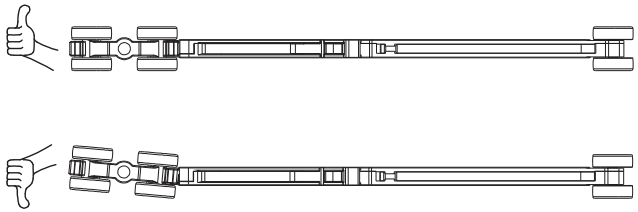
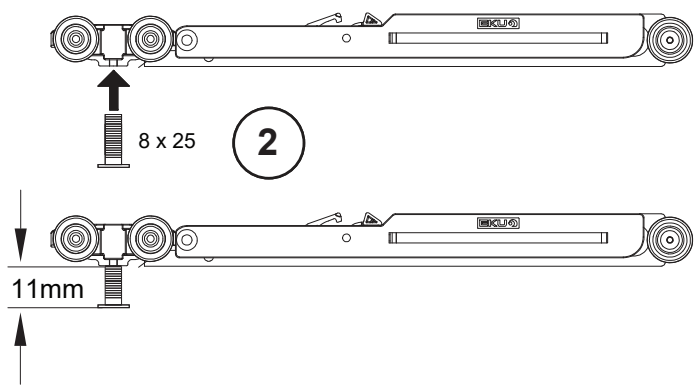
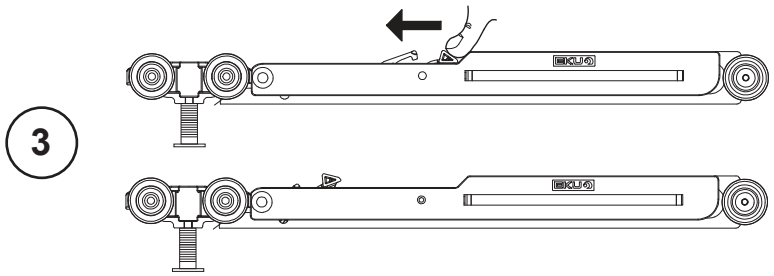
## Door

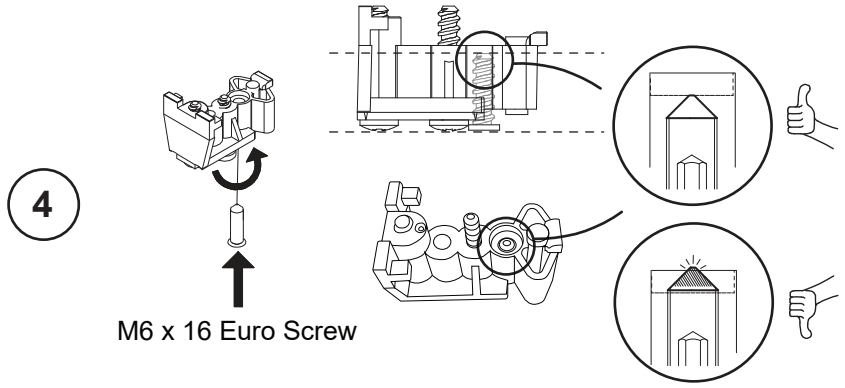


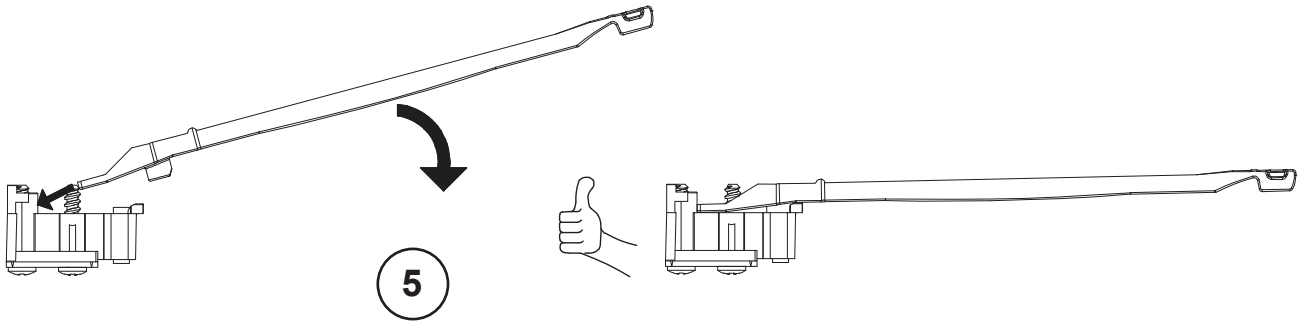



Apply Loctite 222 threadlocker to hang bolts to prevent movement during operation.



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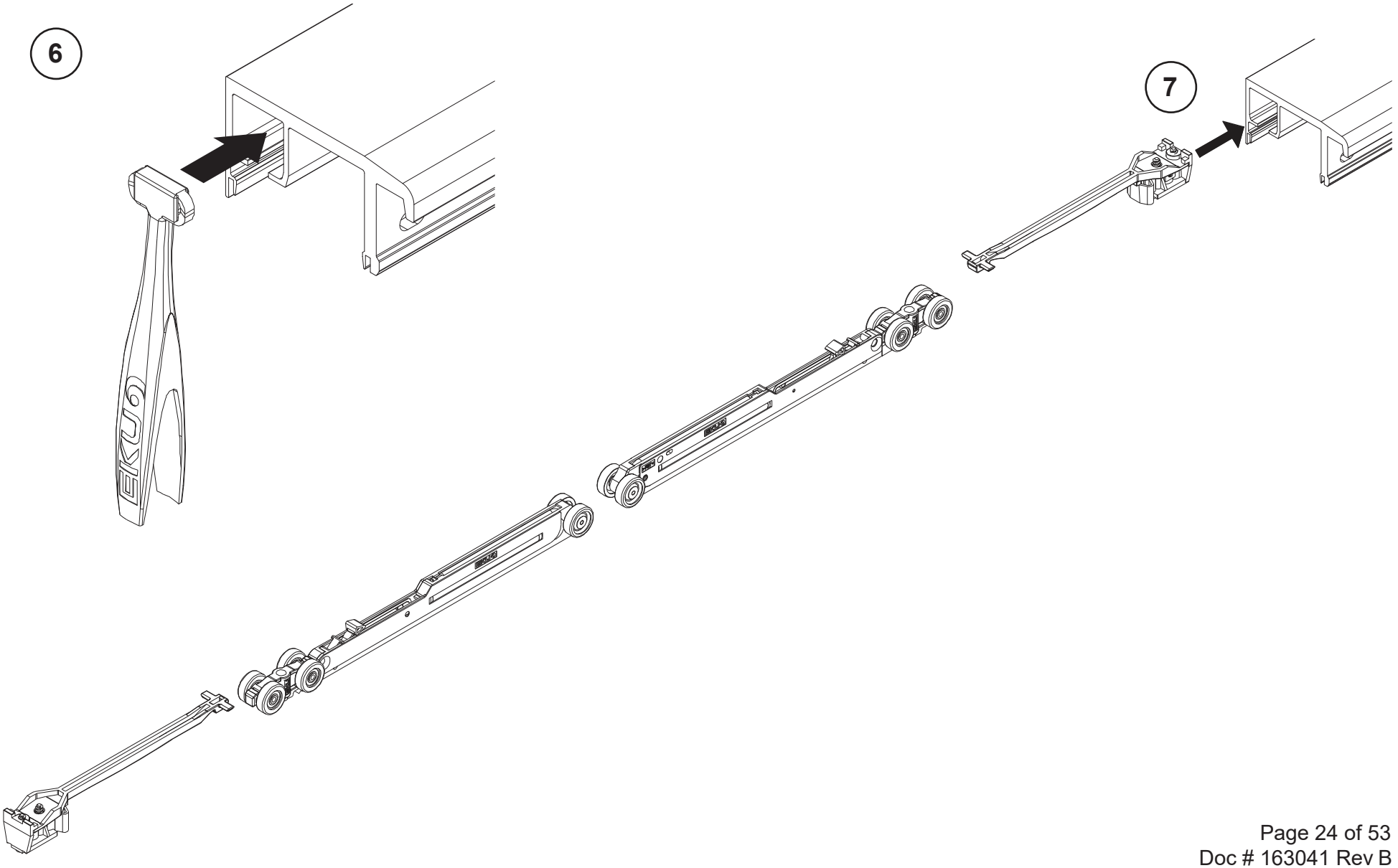
## Door



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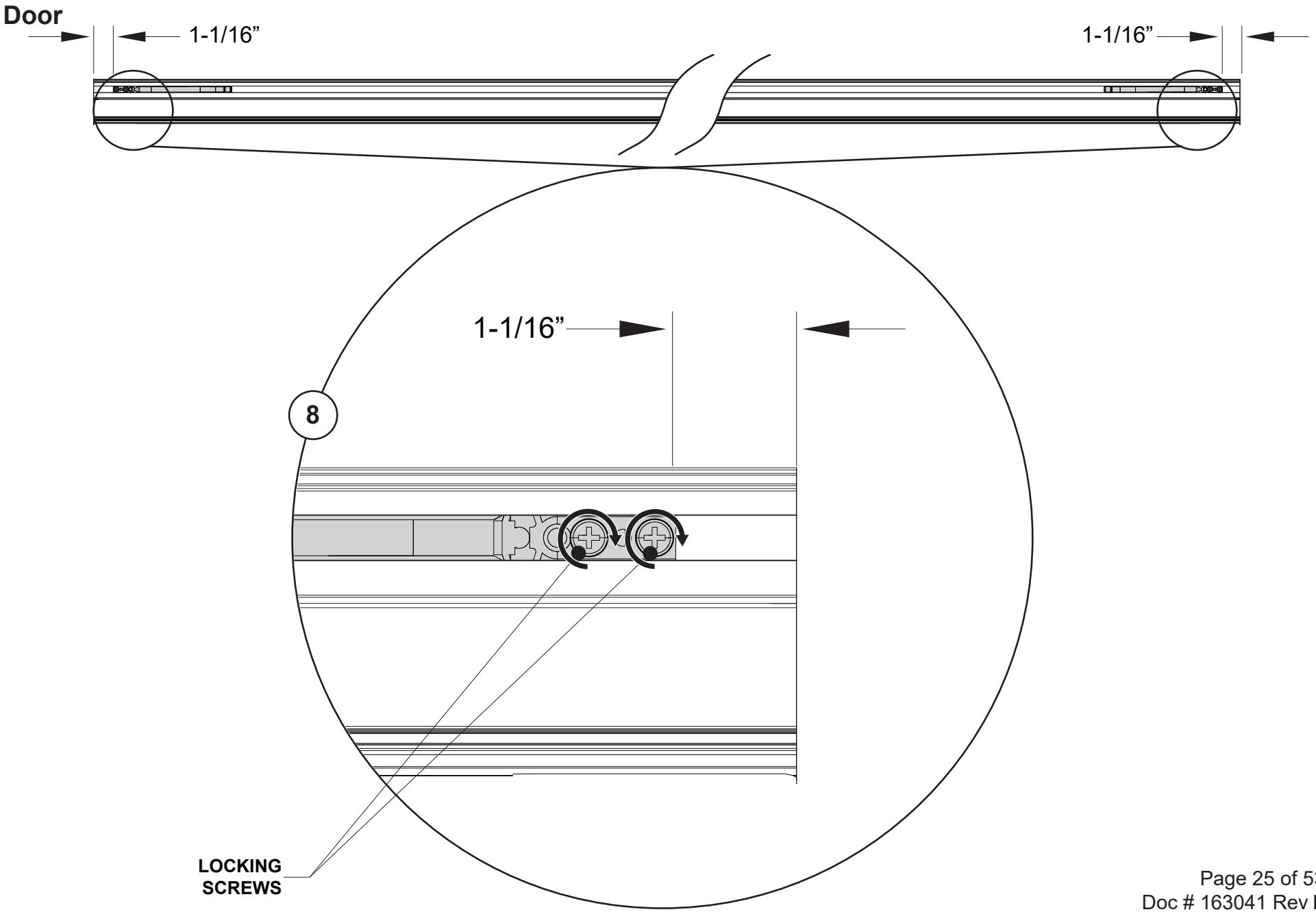

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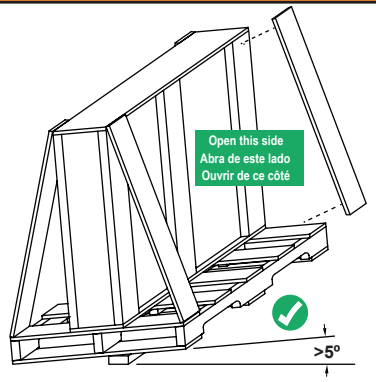
# Door

**⚠ WARNING ⚠ ADVERTENCIA ⚠ AVERTISSEMENT**

READ DIRECTIONS AND MANUAL FIRST
LEA PRIMERO LAS INSTRUCCIONES Y EL MANUAL
LISEZ D'ABORD LES DIRECTIVES ET LE GUIDE



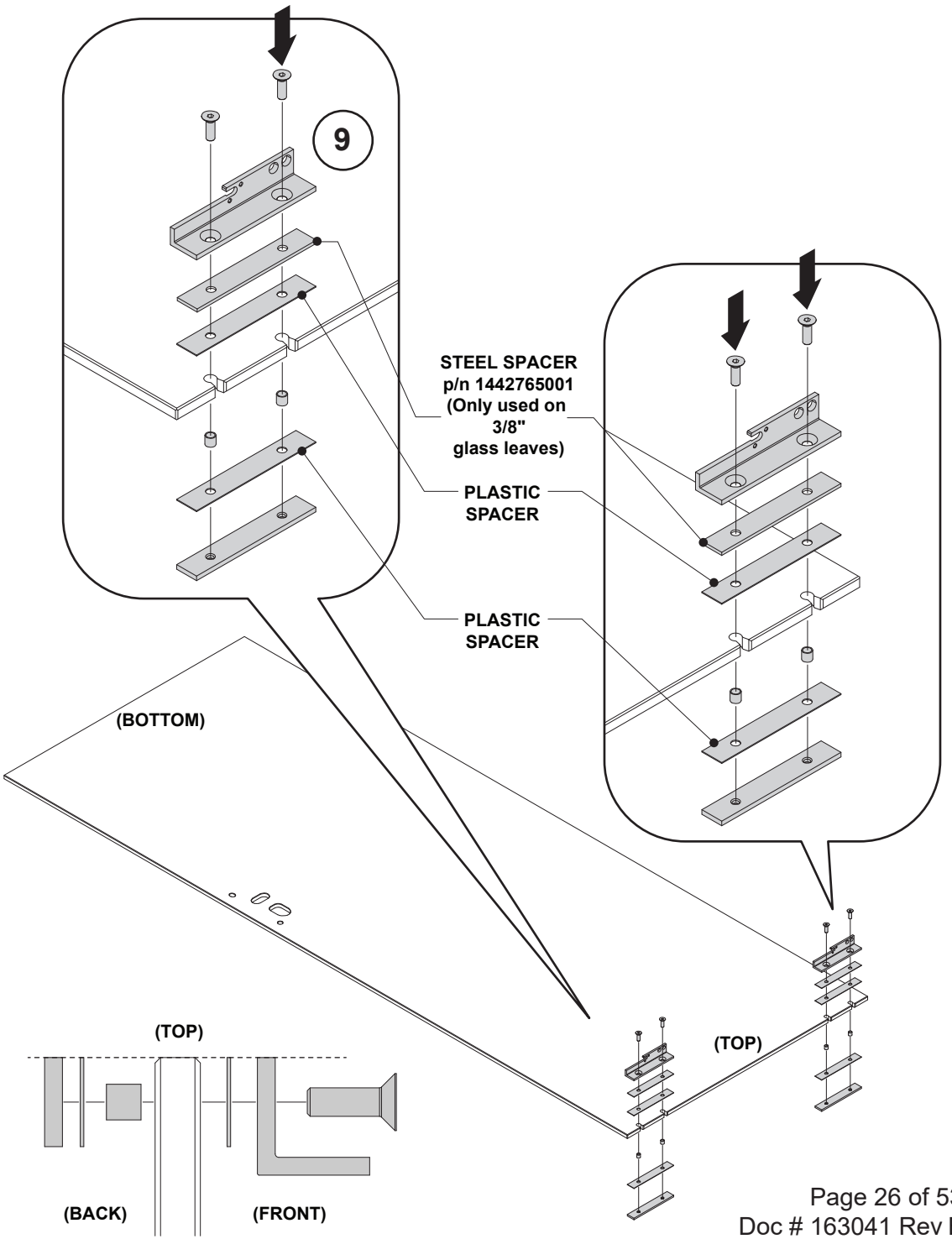

RISK OF SERIOUS INJU RY
RIESGO DE LESIONES GRAVES
RISQUE DE GRAVES BLESSURES!

**Safety Instructions Instrucciones de Seguridad Consignes de Sécurité**

- 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 p ry 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 ve ry heavy and can shatter while handling. Use two or more people to handle glass.
- Handle carefull y. A scratched su rface, damaged su rface, or edge impact can cause the glass to shatter suddenly into sharp pieces.

- Antes de abri r, 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 abri r, 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 supe rficie rayada o dañada, o el impacto sobre el borde pueden causar que el vidrio se rompa de repente en trozos afilados.

- Avant d'ouvri r, 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 ouvri r, coupez d'abord les bandes d'emballage, puis écartez 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 su rface égratignée ou endommagée ou encore un choc sur le rebord peut faire en sorte que le verre se brise soudainement en éclats tranchants.



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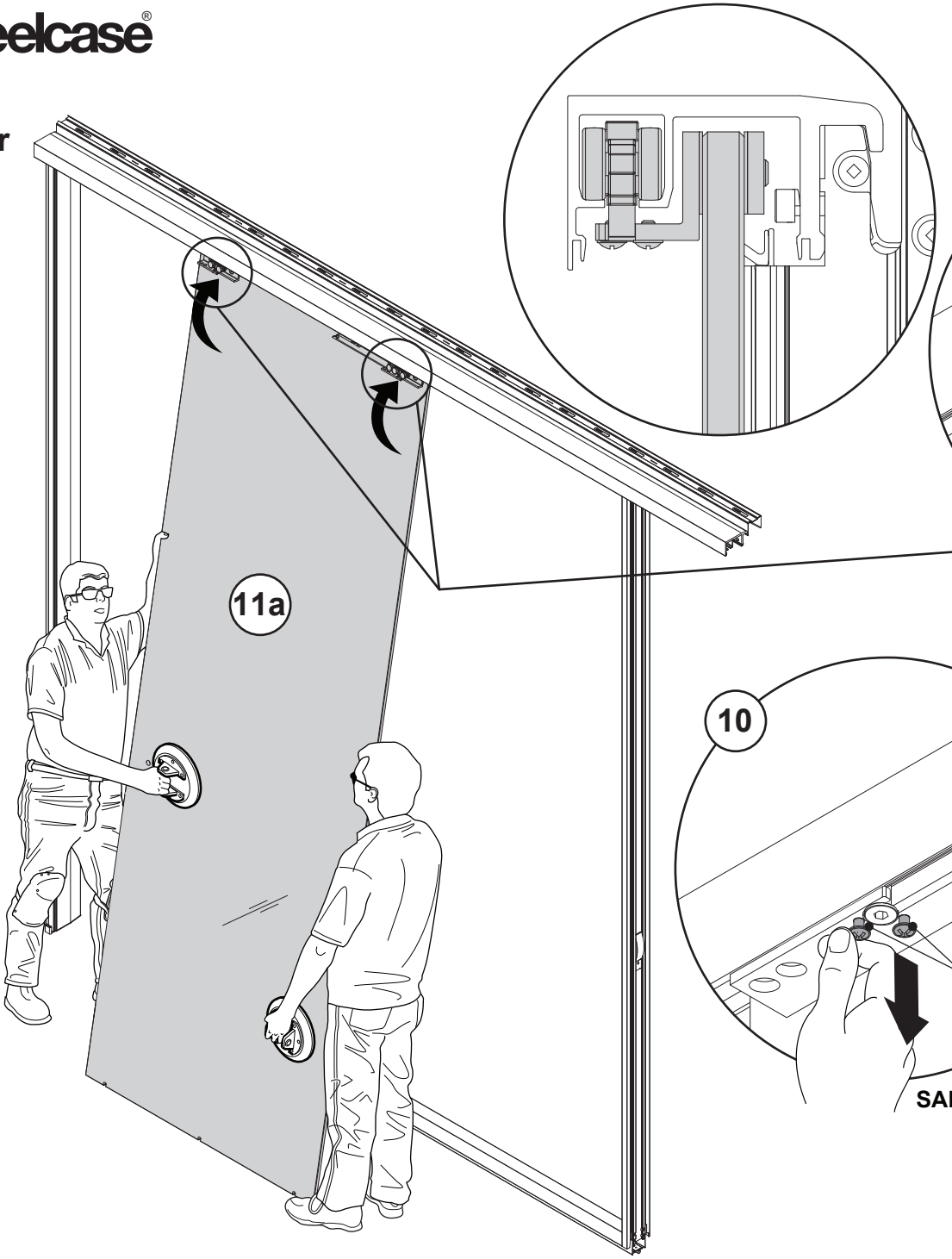
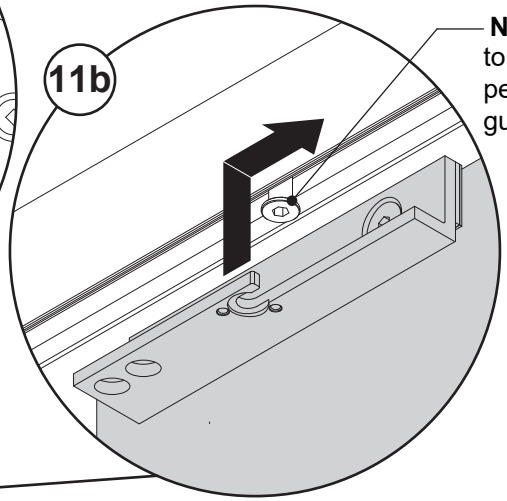
## Door



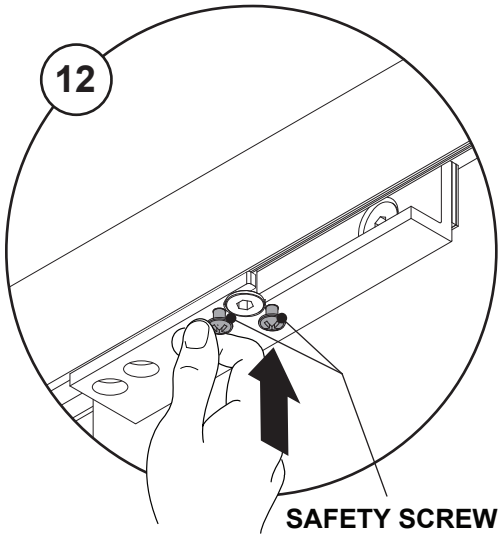



**NOTE:** Bolt may need to be loosened. Third person may be needed to guide brackets into place.




**SAFETY SCREW**




**SAFETY SCREW**

**NOTE:** Only lightly tighten safety screws so hang bolt can be adjusted in next step.

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# Door (Adjusting Height & Squareness)

**Tip:** 4.5 mm allen wrench can be used as a gauge.

13a

M8 x 25 HANG BOLT

4.5 mm

Door Too Low

HANG BOLT

Door Too High

HANG BOLT

**NOTE:** For lever lock applications, the hang bolts can be adjusted to ensure the lever lock lines up with the strike plate on the frame.

Parallel

13b

14

SAFETY SCREW

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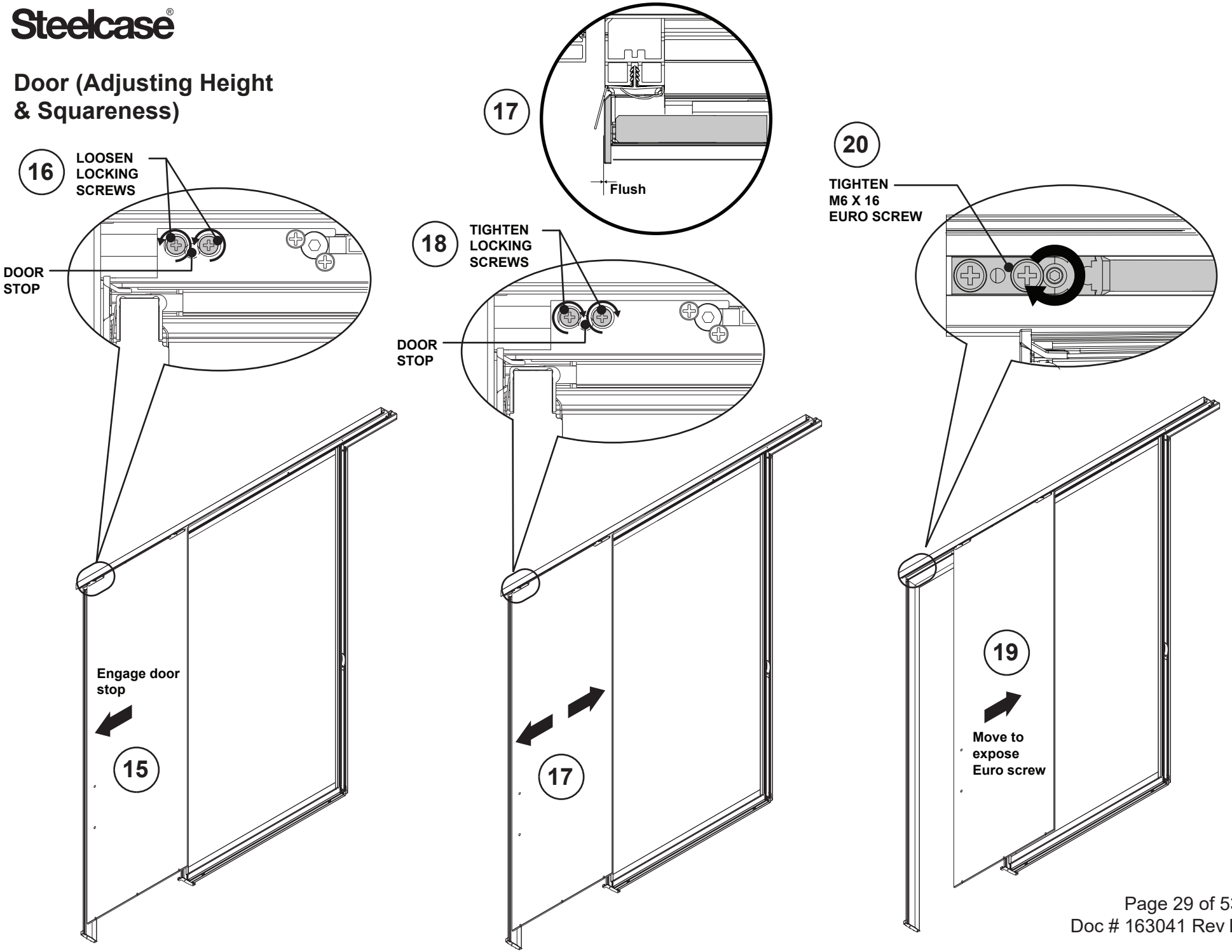
## Door (Adjusting Height & Squareness)



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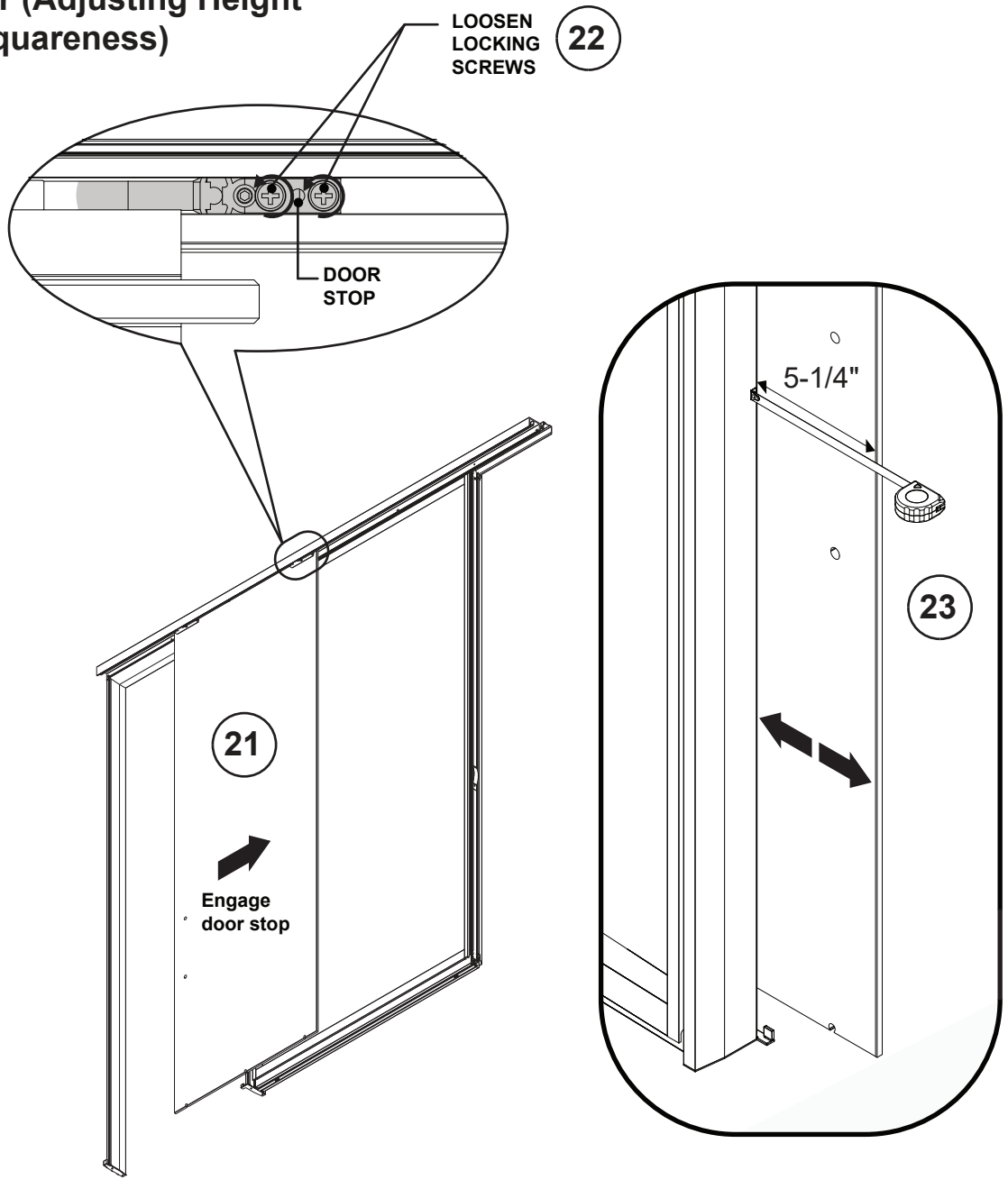
## Door (Adjusting Height & Squareness)



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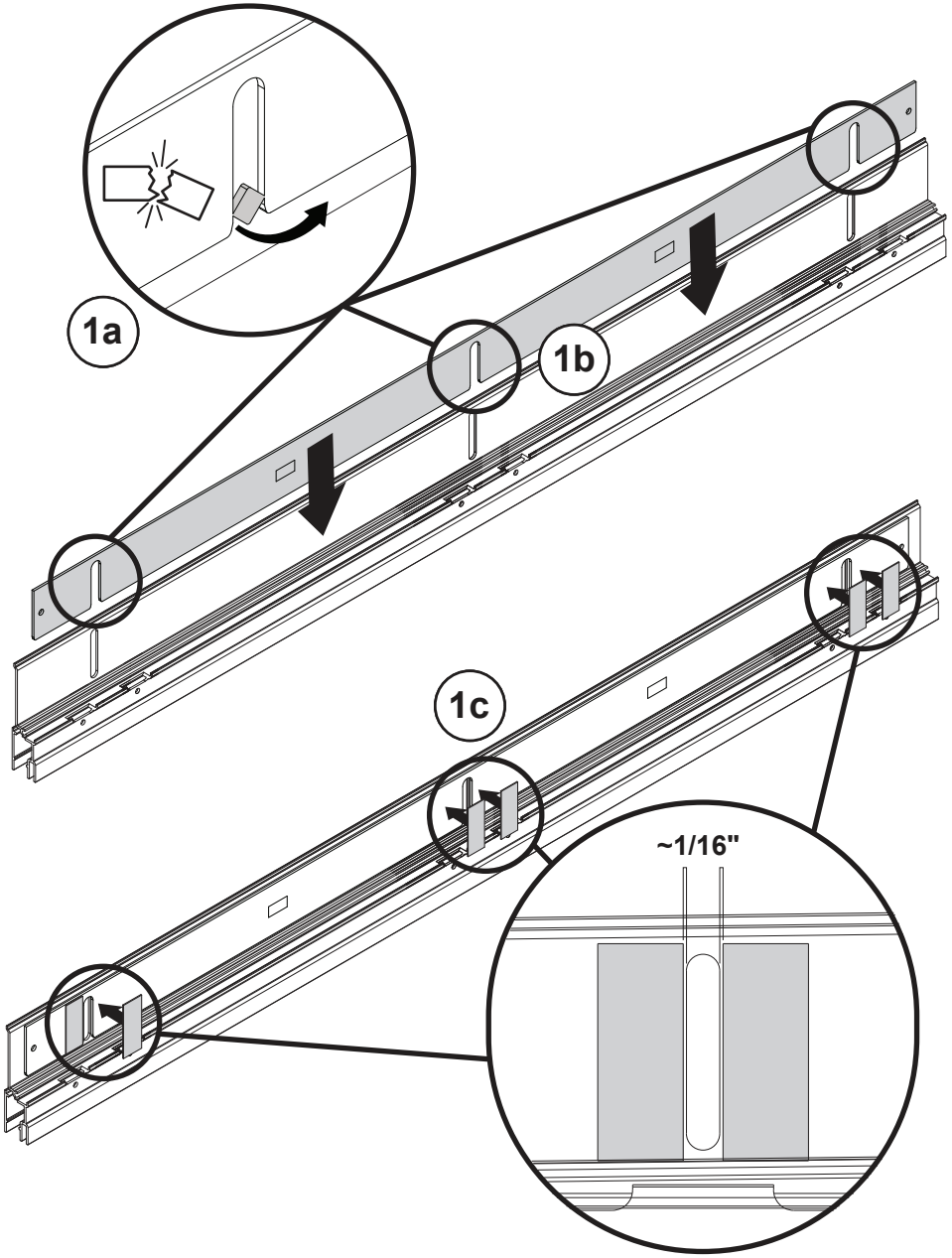
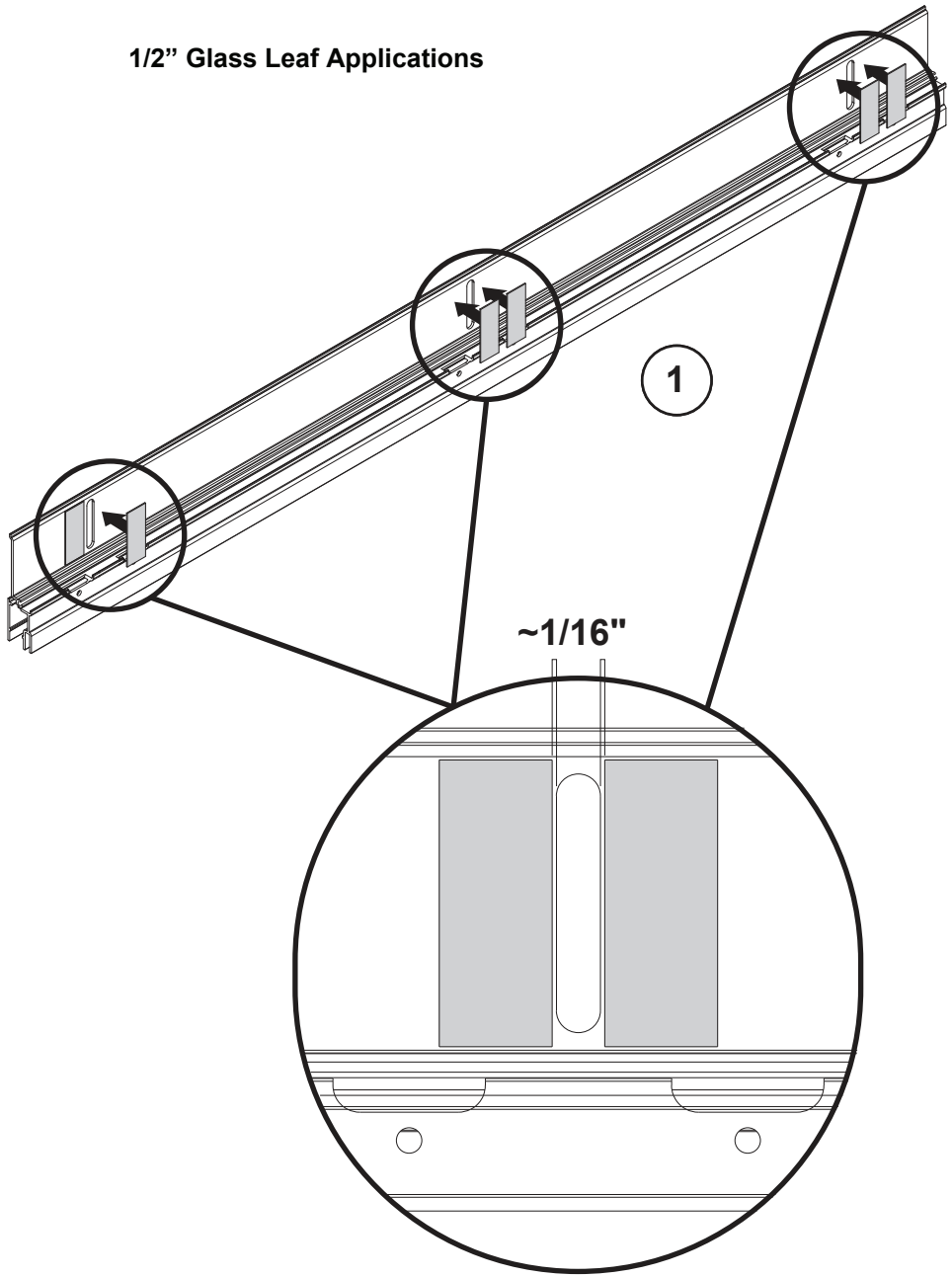
3/8” Glass Leaf Applications

## Drop Seal




1/2” Glass Leaf Applications



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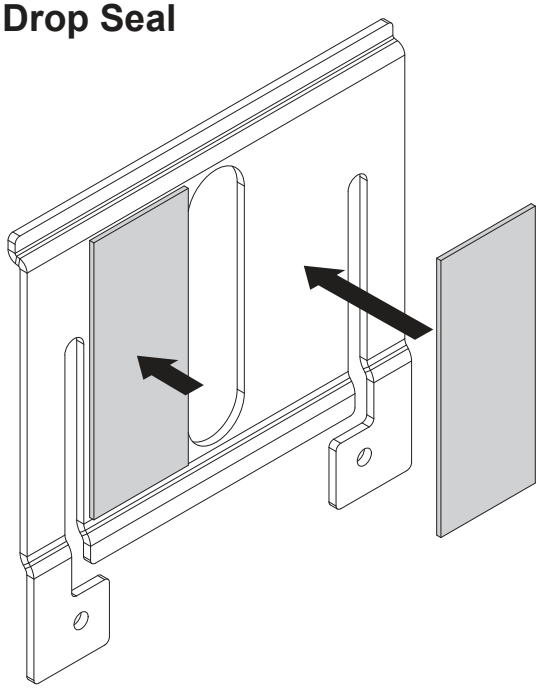
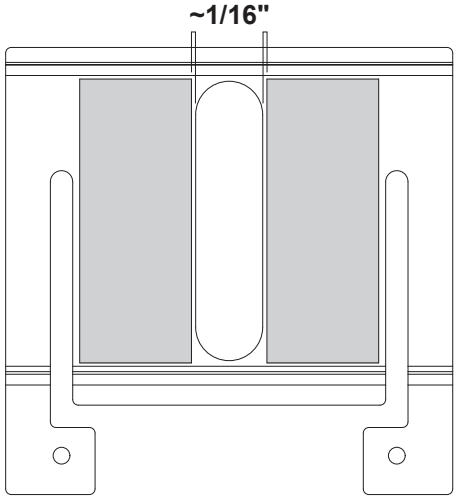
## Drop Seal



2







3

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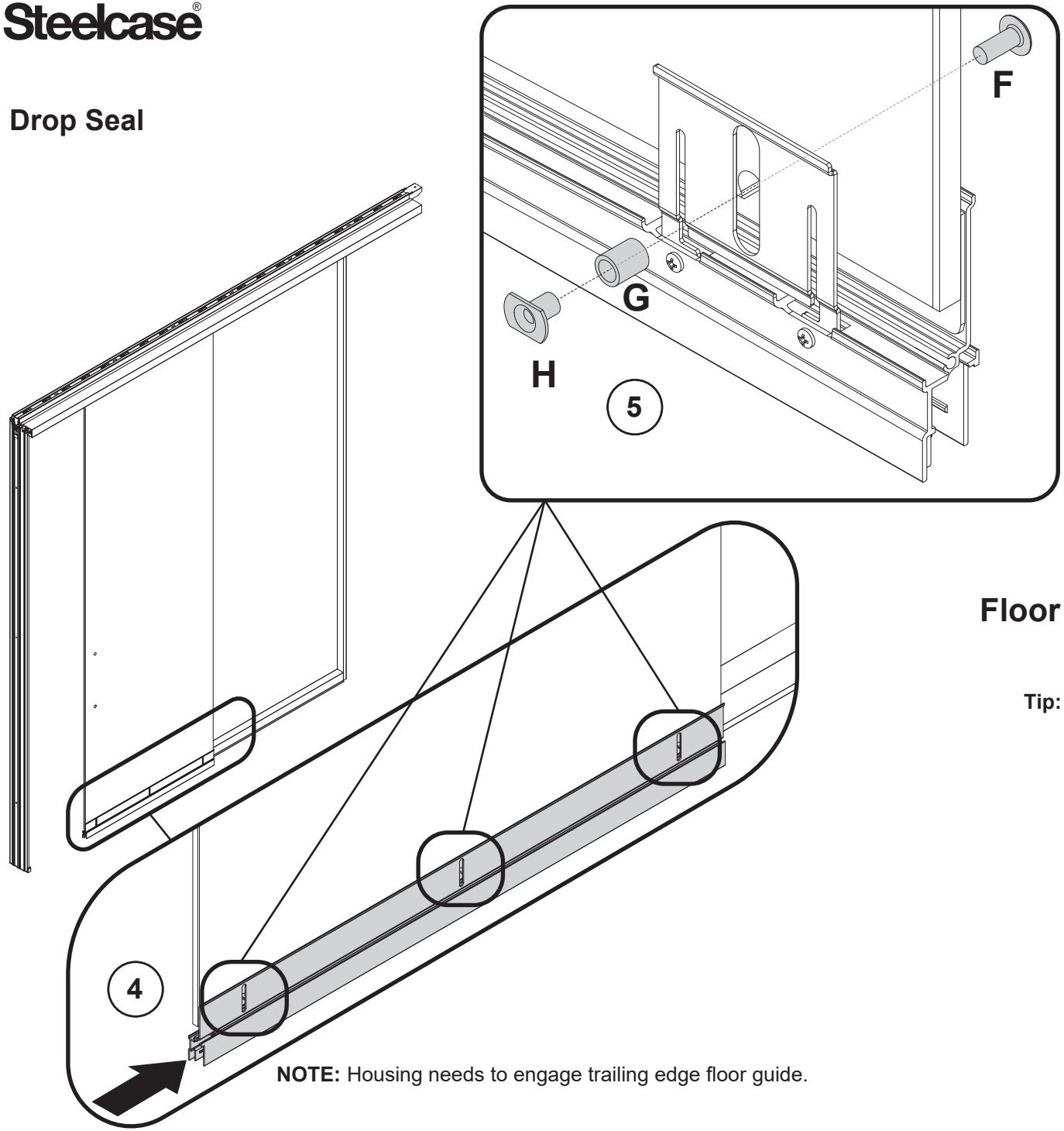
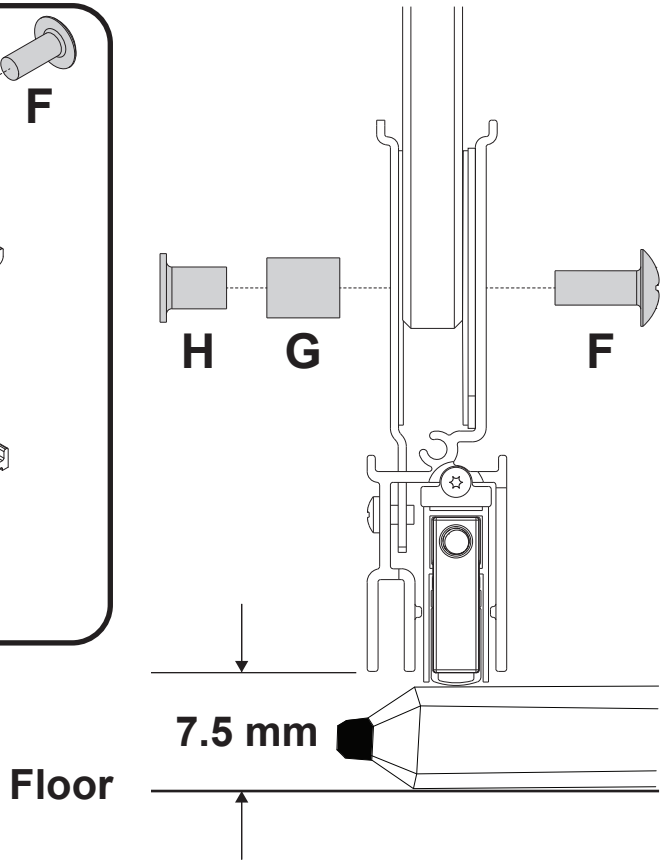
## Drop Seal




**Tip:** Carpenter pencil can be used as a gauge

**NOTE:** Housing needs to engage trailing edge floor guide.

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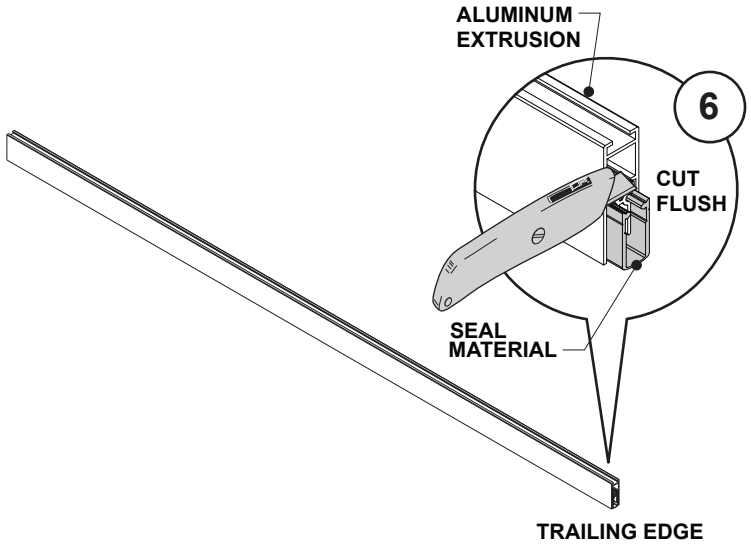
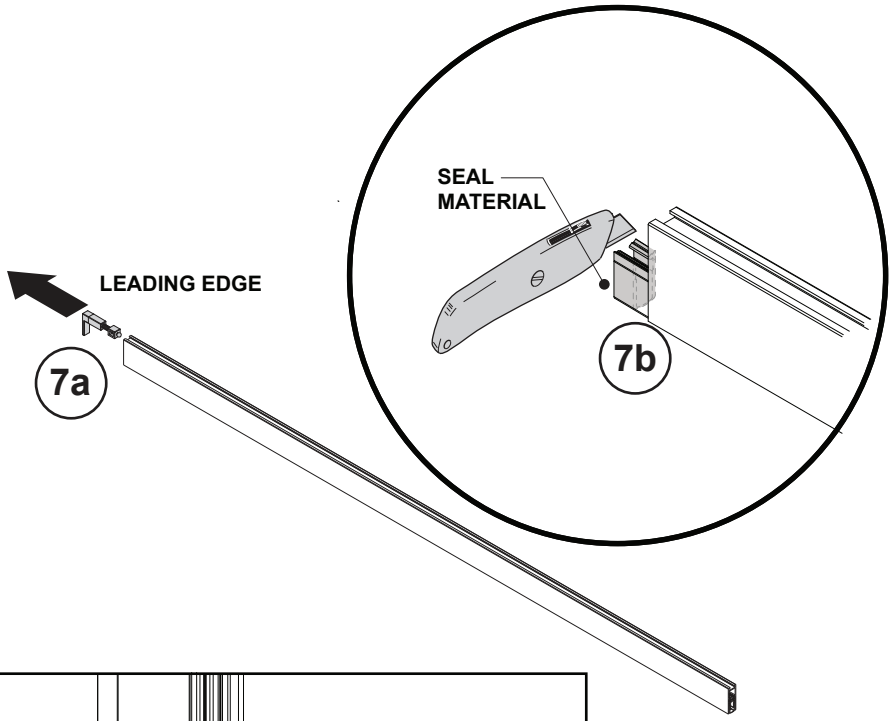
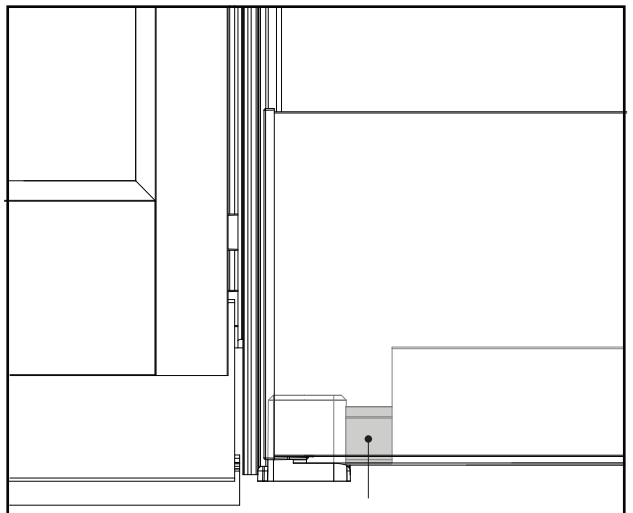
## Drop Seal

**Trailing Edge**




**Leading Edge**



**RUBBER SEAL TO BE PROUD OF DROP SEAL ALUMINUM EXTRUSION SO RUBBER IS FLUSH WITH DOOR GUIDE WHEN DOOR IS CLOSED.**

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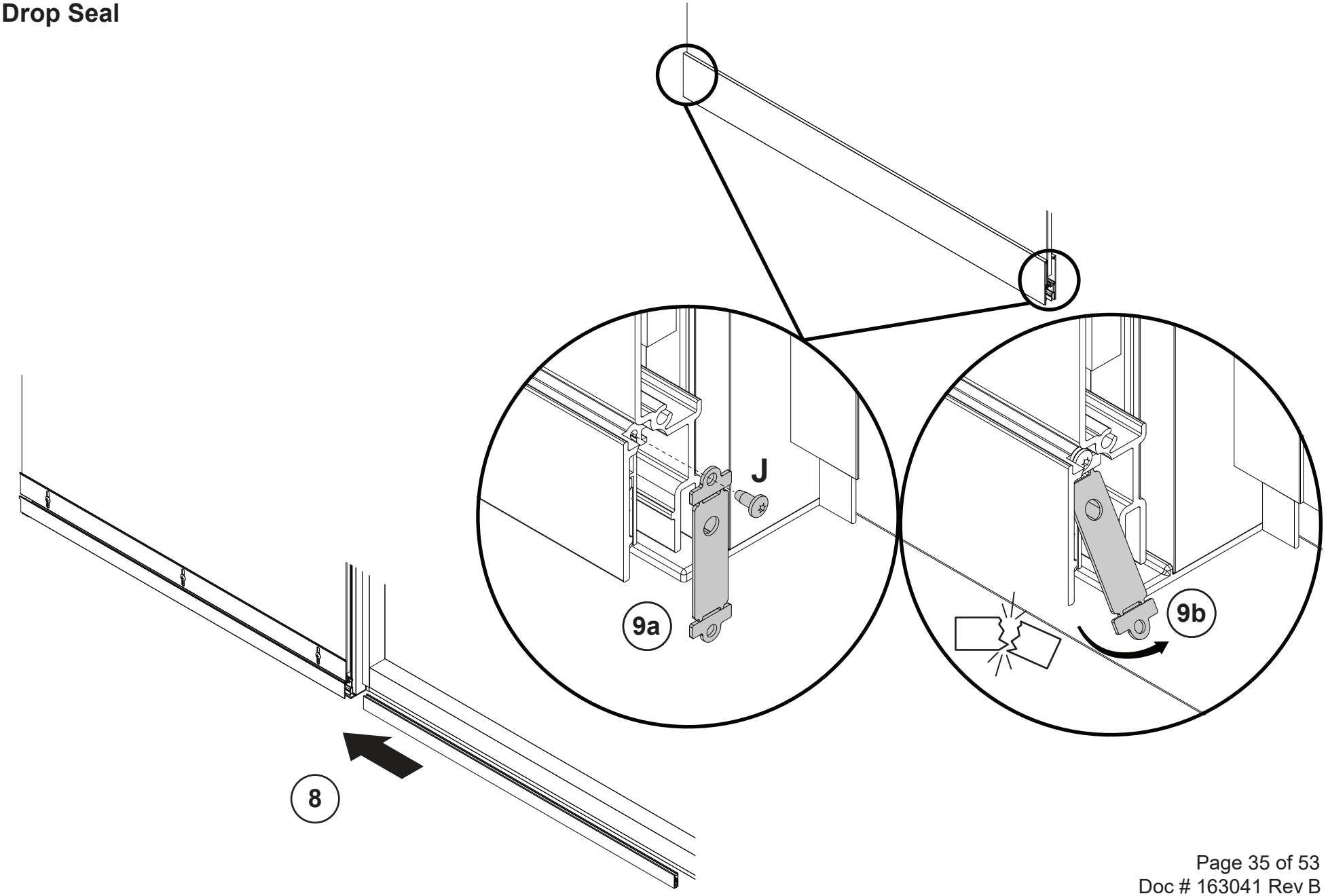
## Drop Seal



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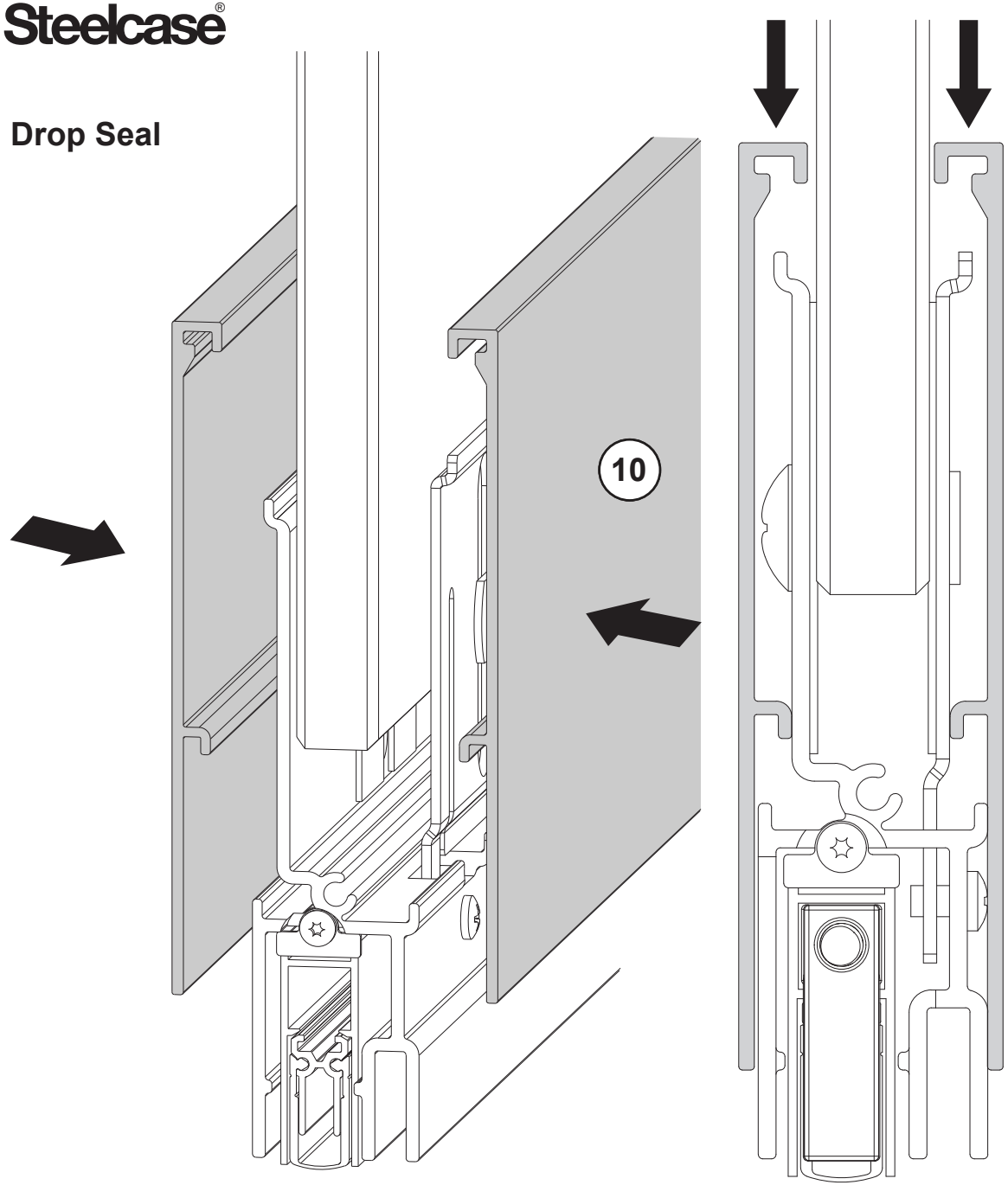
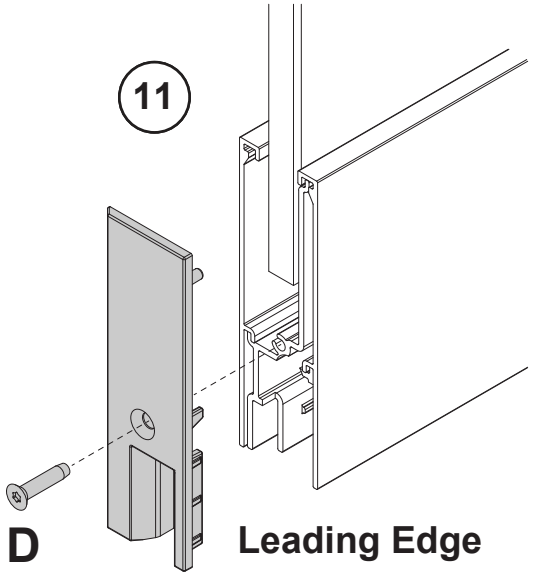
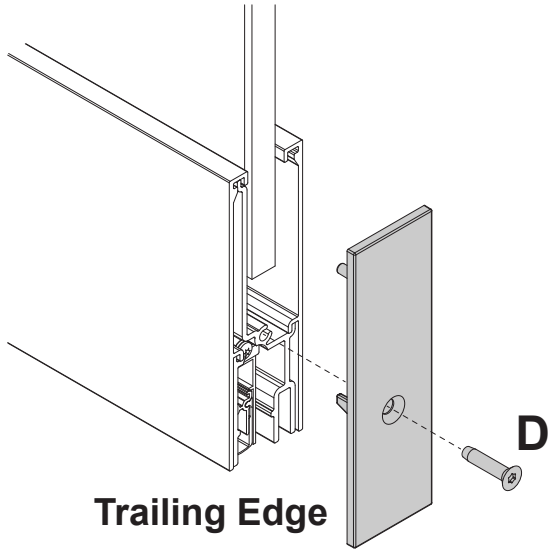
## Drop Seal




**Note:** Select the appropriate color screw for the paint finish. Two Black and two silver screws are provided.



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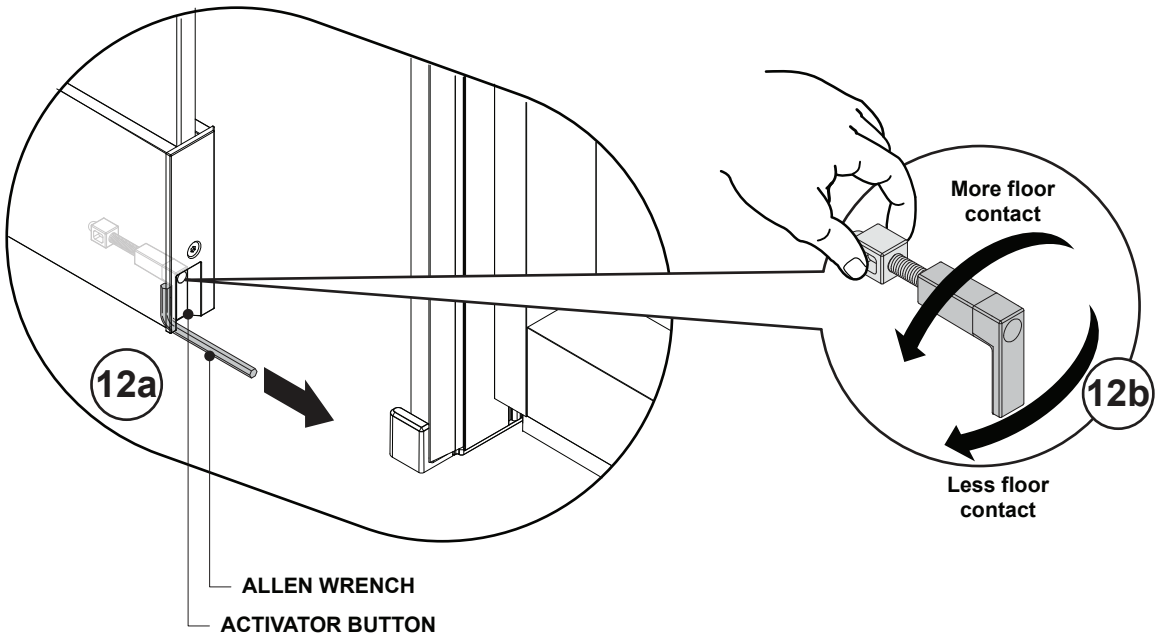
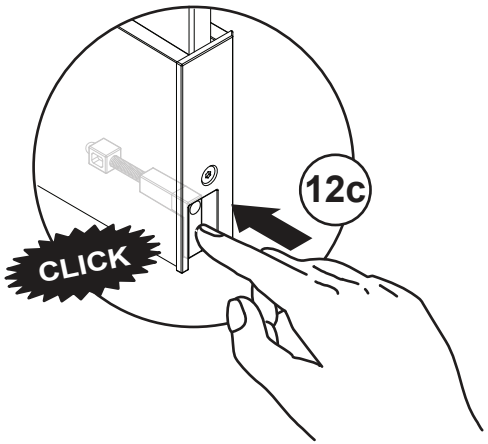
## Drop Seal

**Note:** Repeat steps 12a through 12c until the acoustic seal lightly contacts the floor over the entire width of the door.



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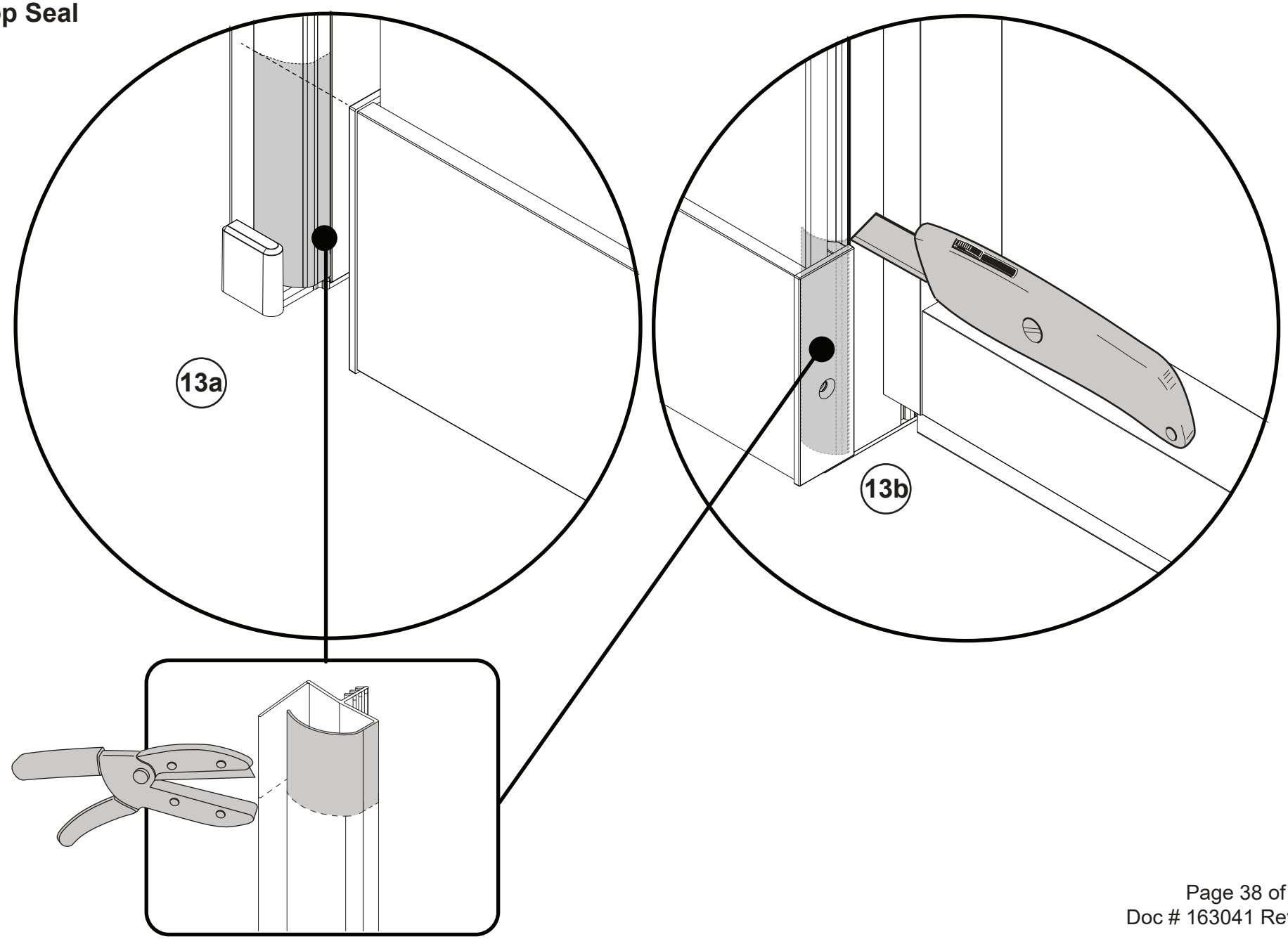
## LEADING EDGE

## TRAILING EDGE

**Drop Seal**



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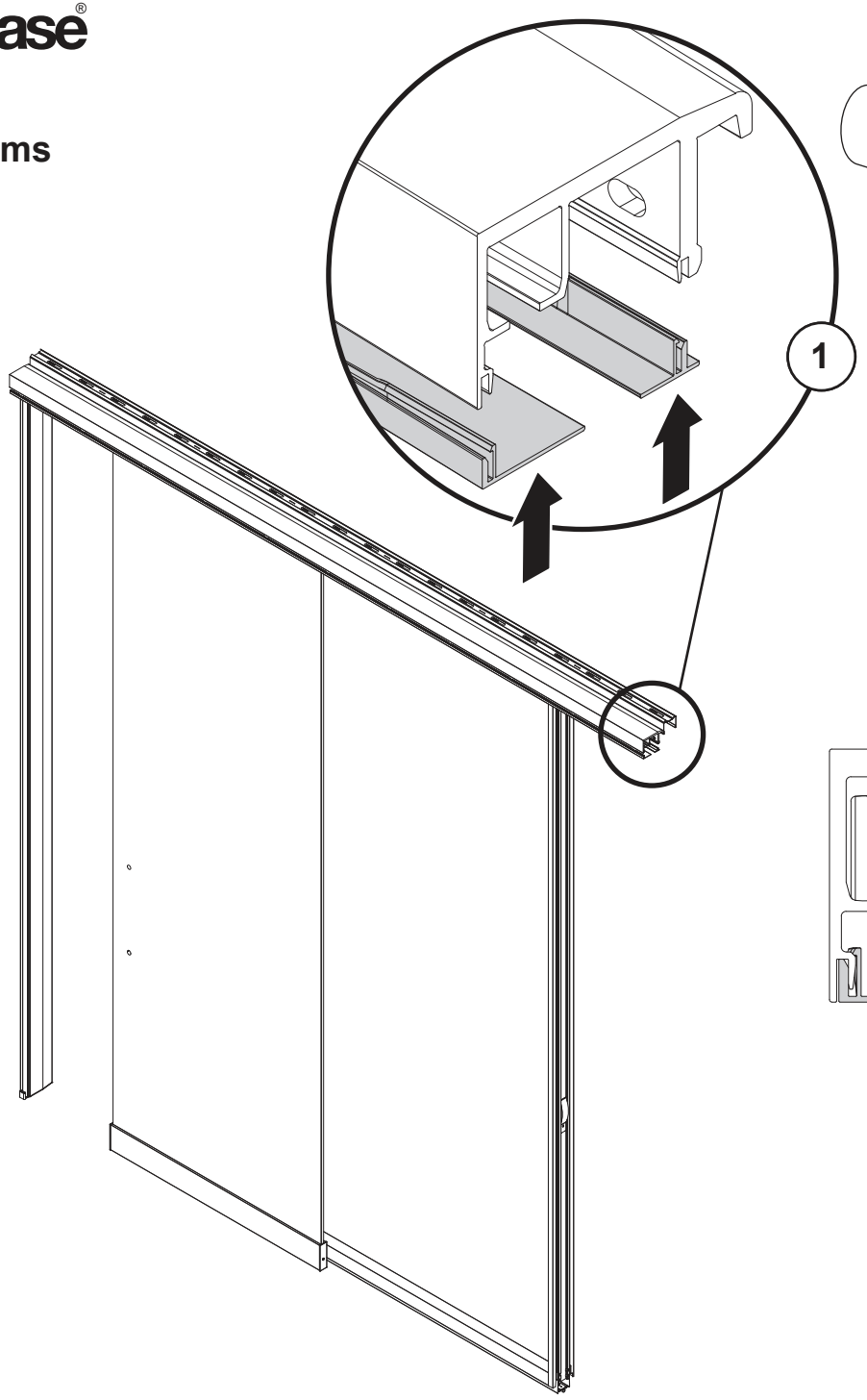
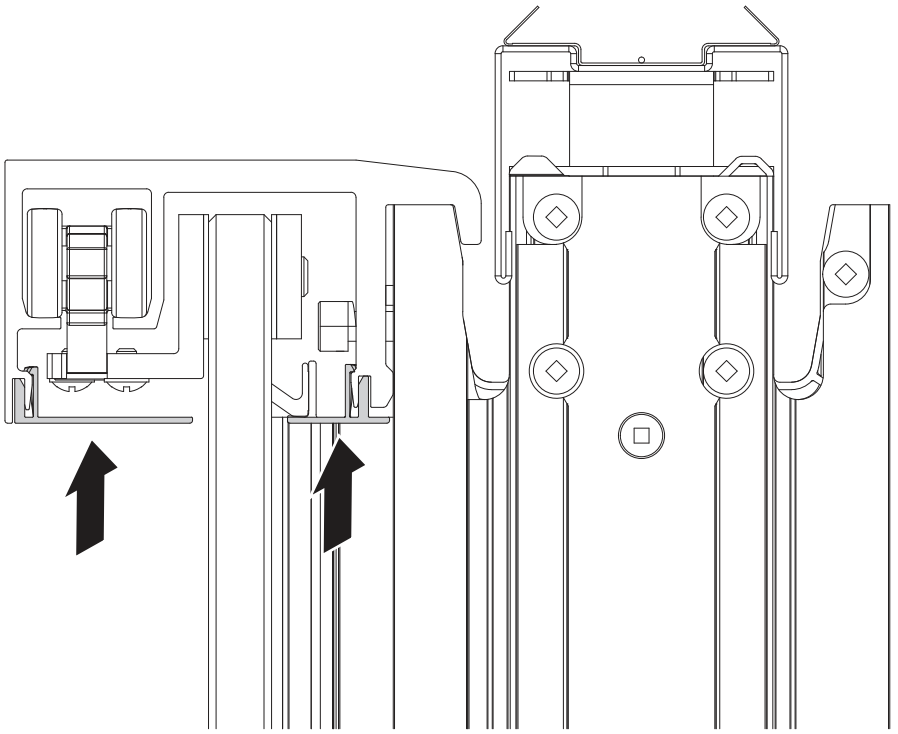
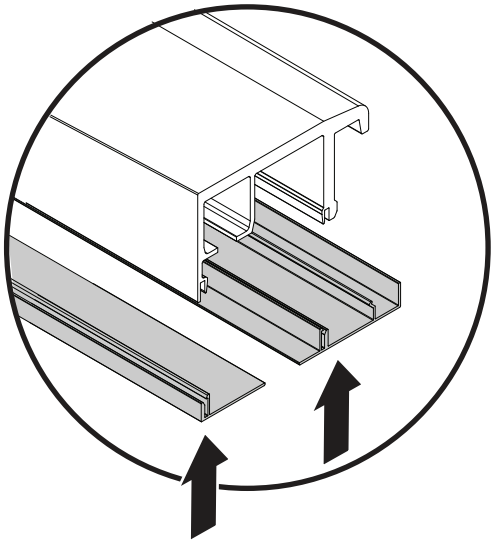
## Track Trims





**Note:** For Everwall LSG Applications.

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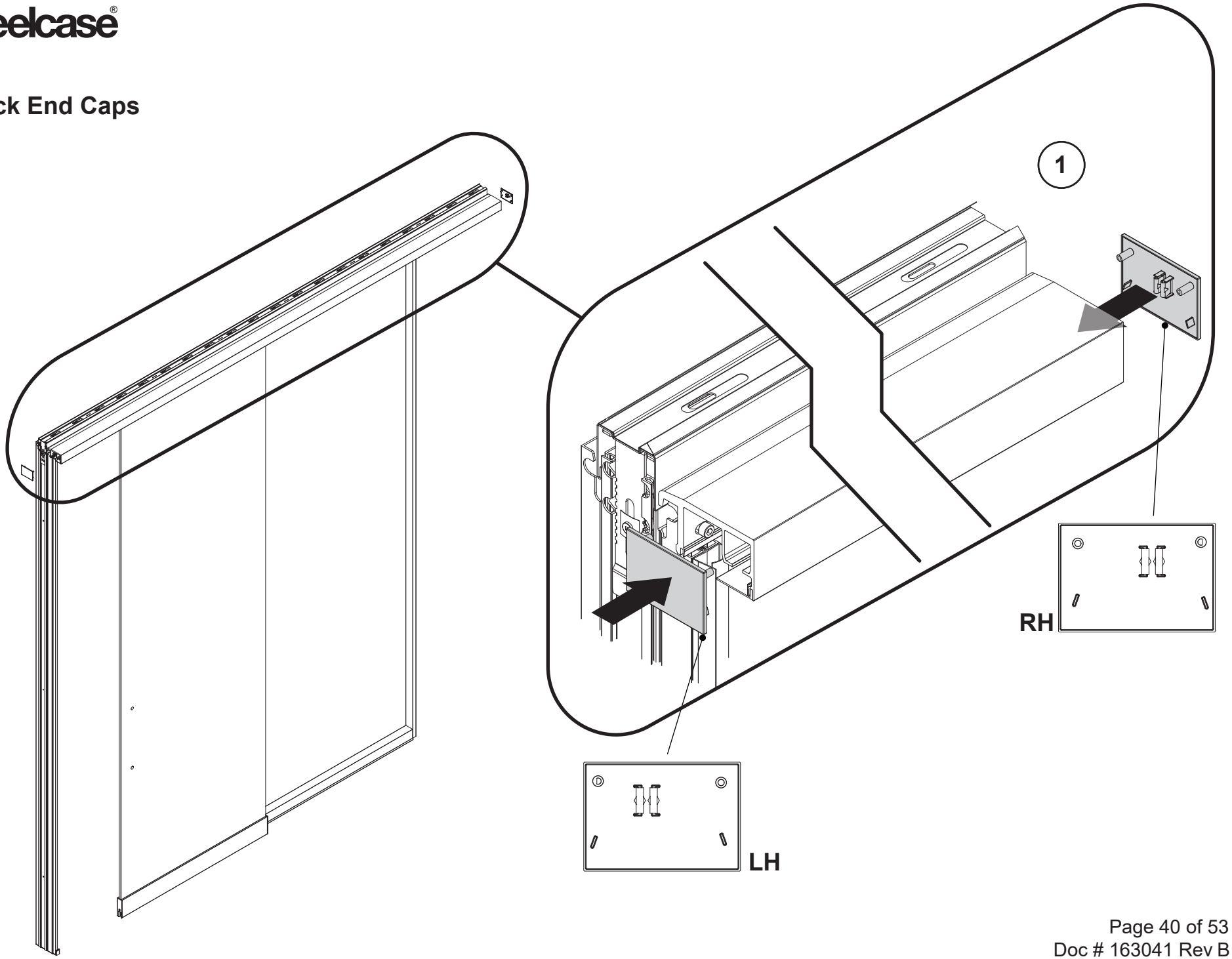
## Track End Caps



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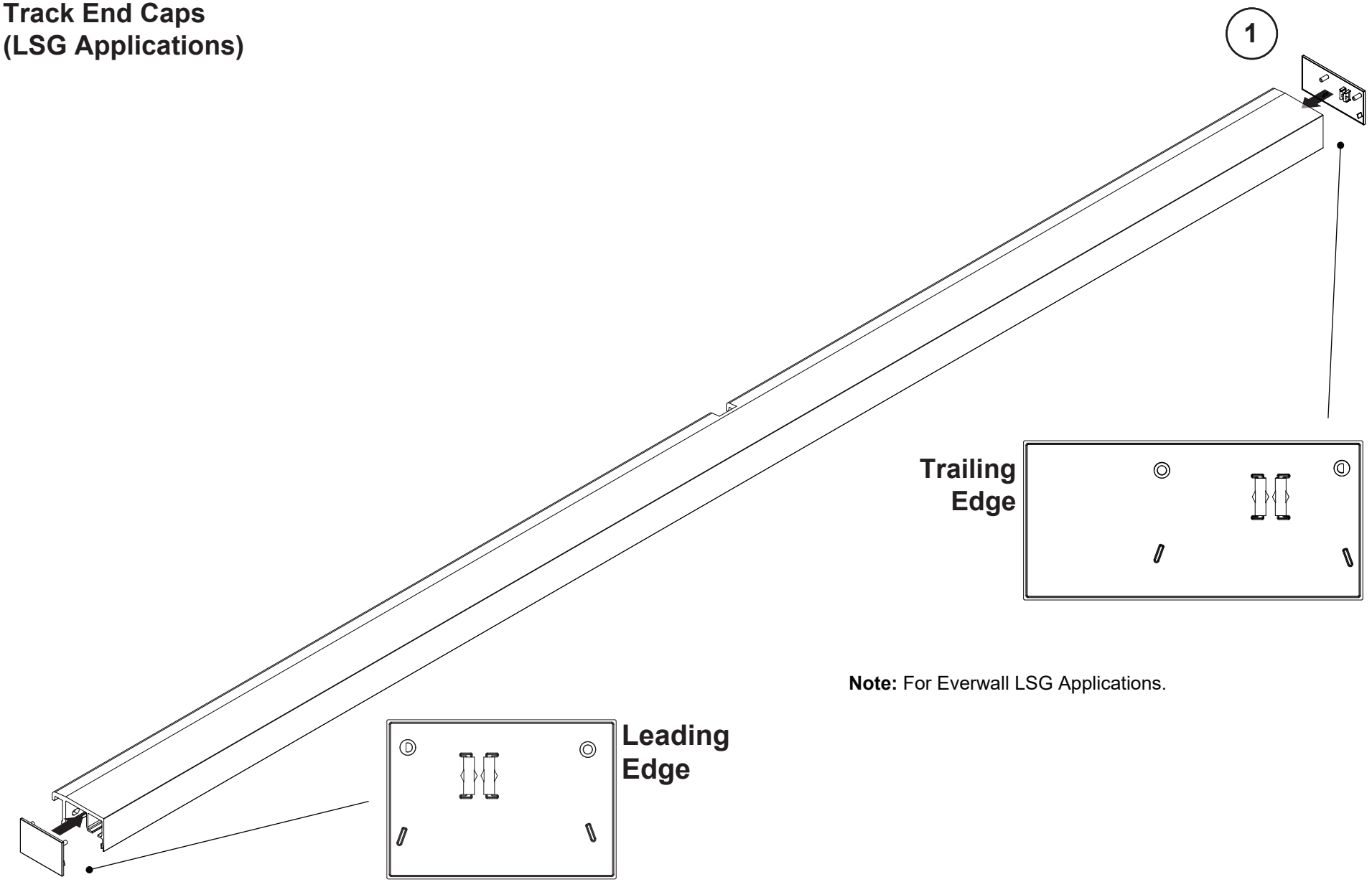
## Track End Caps
## (LSG Applications)




**Note:** For Everwall LSG Applications.

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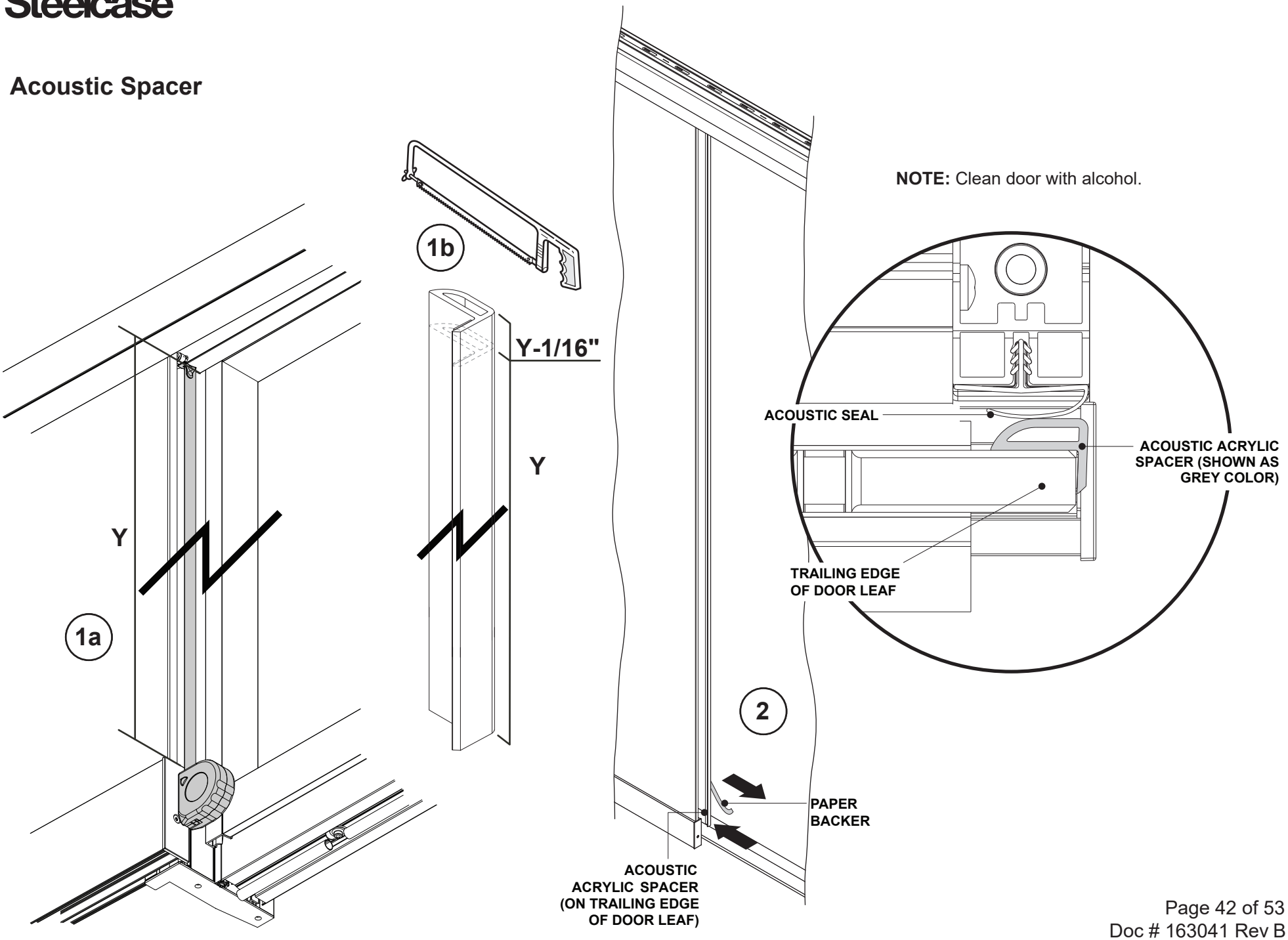
## Acoustic Spacer



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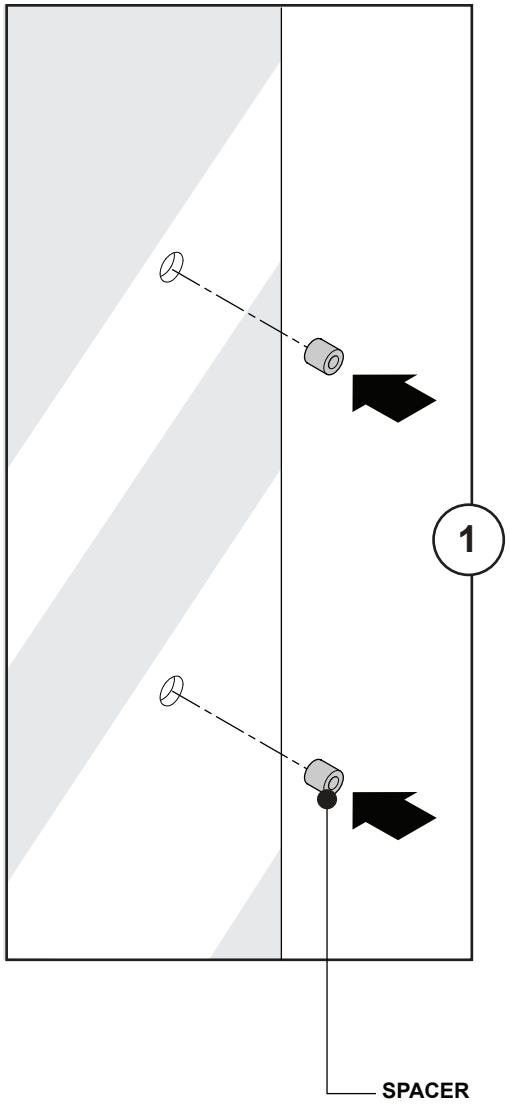
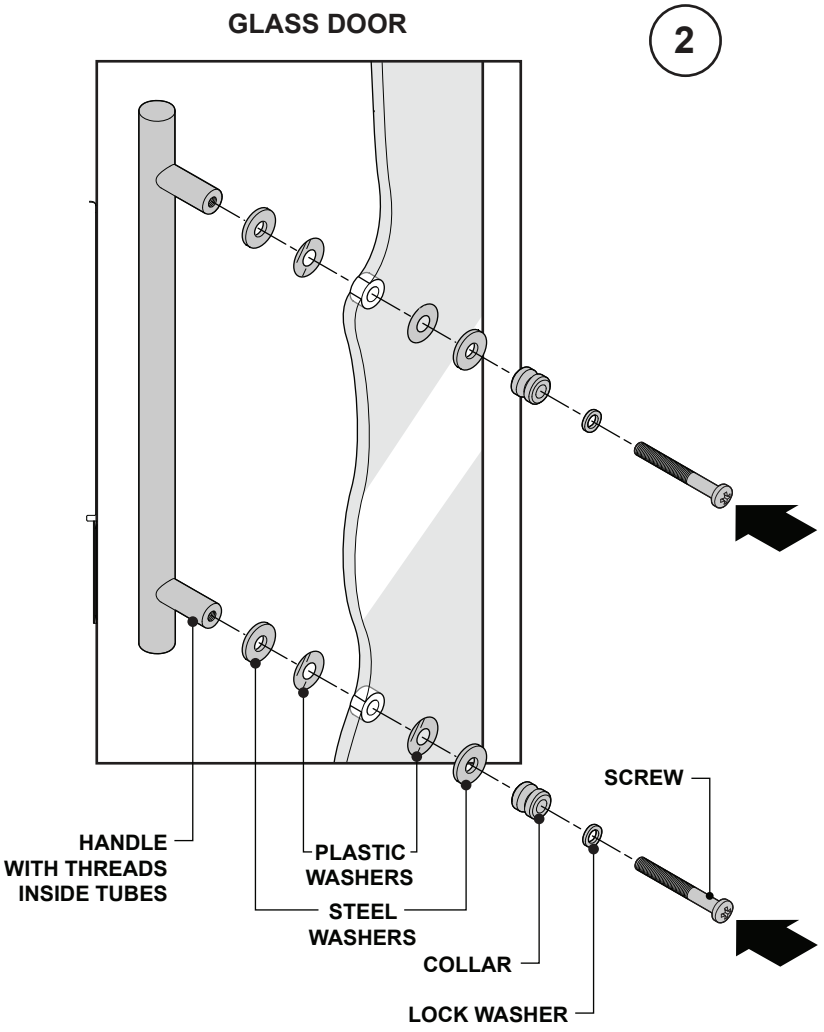
## Bar Pull Door Handle



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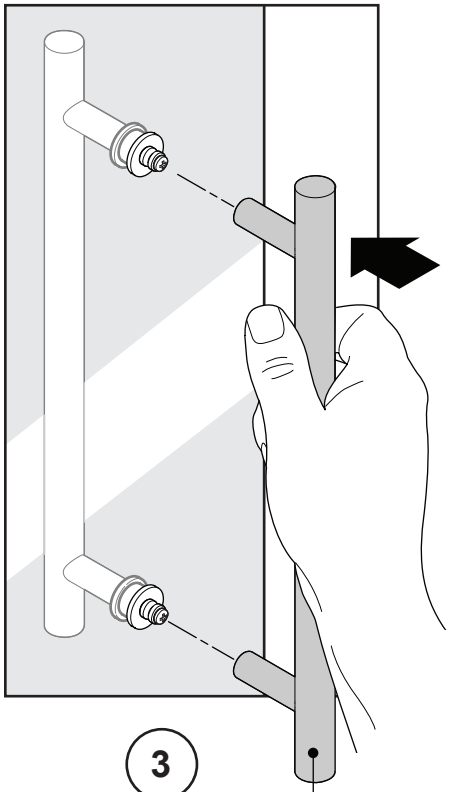
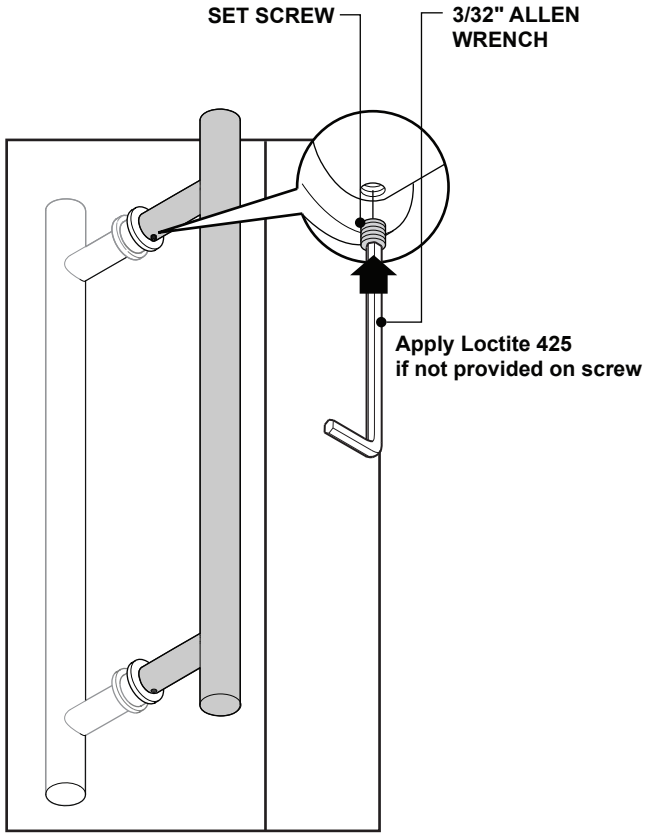
## Bar Pull Door Handle

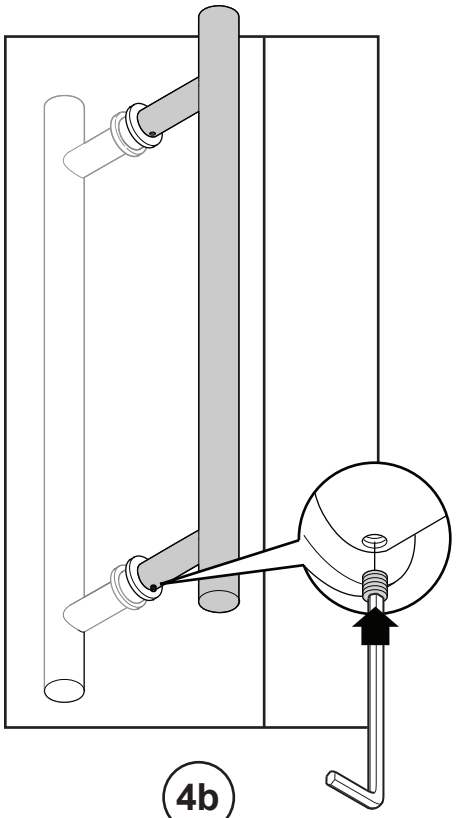


3

HANDLE
WITH CLEARANCE
HOLE INSIDE TUBES




4a



4b

Apply Loctite 425
if not provided on screw

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## Door Lock Assembly
## (If optional lock is ordered)

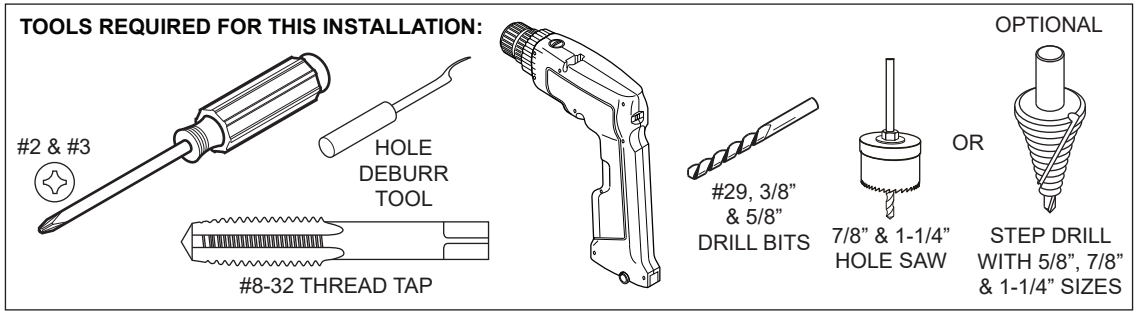
**NOTE:** We recommend that the key cylinder be sprayed with a lock lubricant through the key opening at least once a year or as needed.

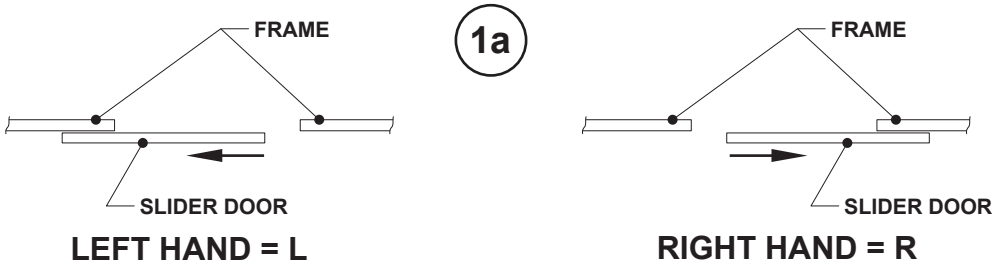
**1.** Determine the door handedness (1a). Left hand or right hand as shown.

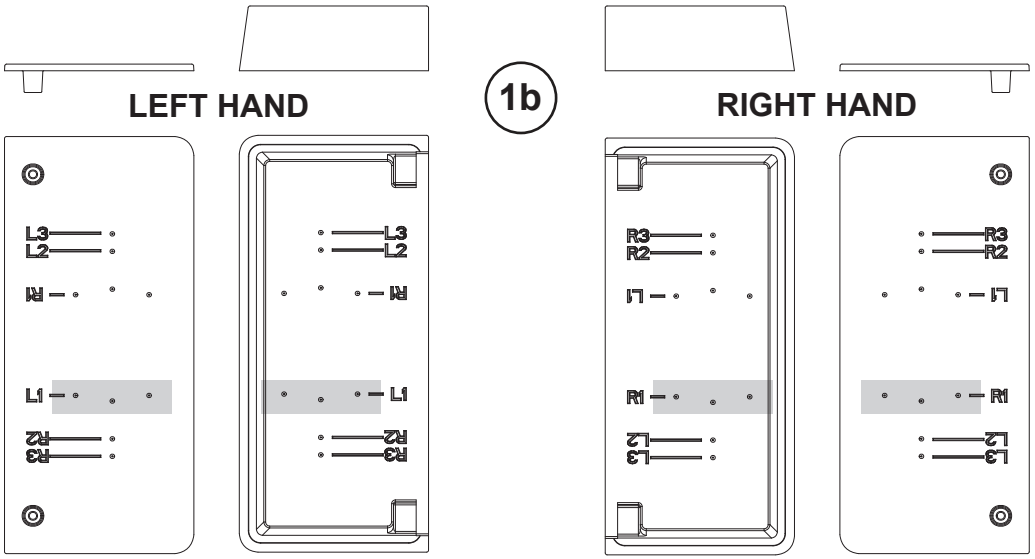
**NOTE:** When you are standing on the same side as the door will determine if you are using a left hand or right hand door.

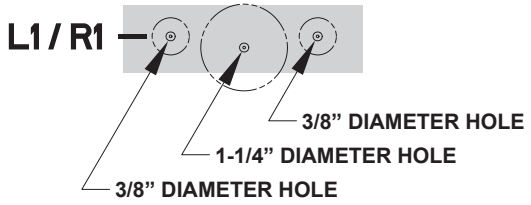
Drill handle/lever mounting holes (1b).

**NOTE:** Be careful, when drilling, not to damage housings.



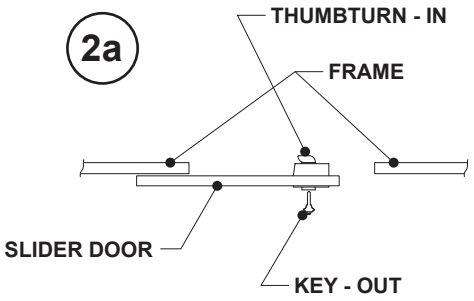
Steelcase®

## Door Lock Assembly
## (If optional lock is ordered)

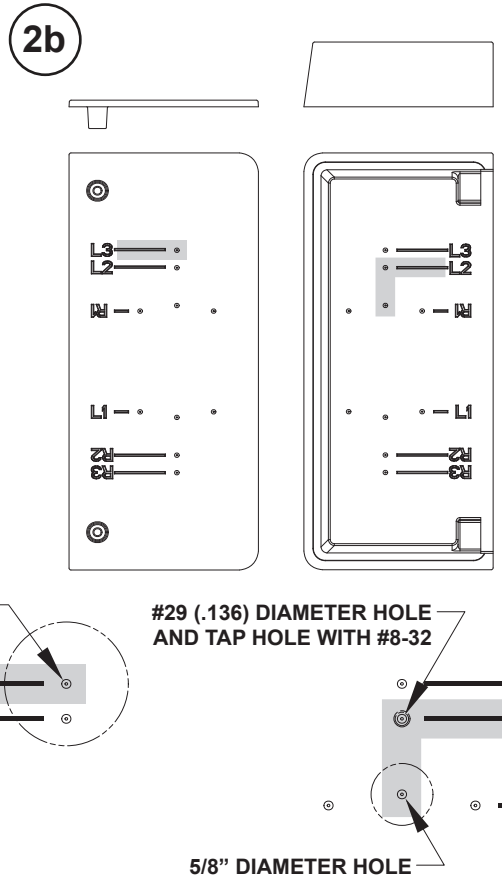
**2.** Determine key/thumbturn orientation (2a).

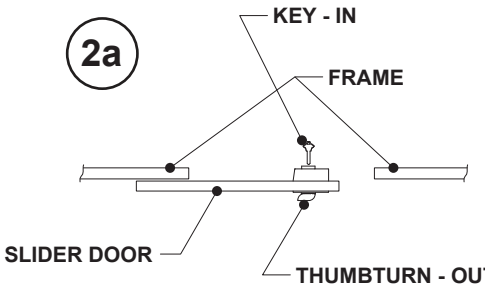
Drill key/thumbturn mounting holes (2b).

**NOTE:** Be careful, when drilling, not to damage housings.

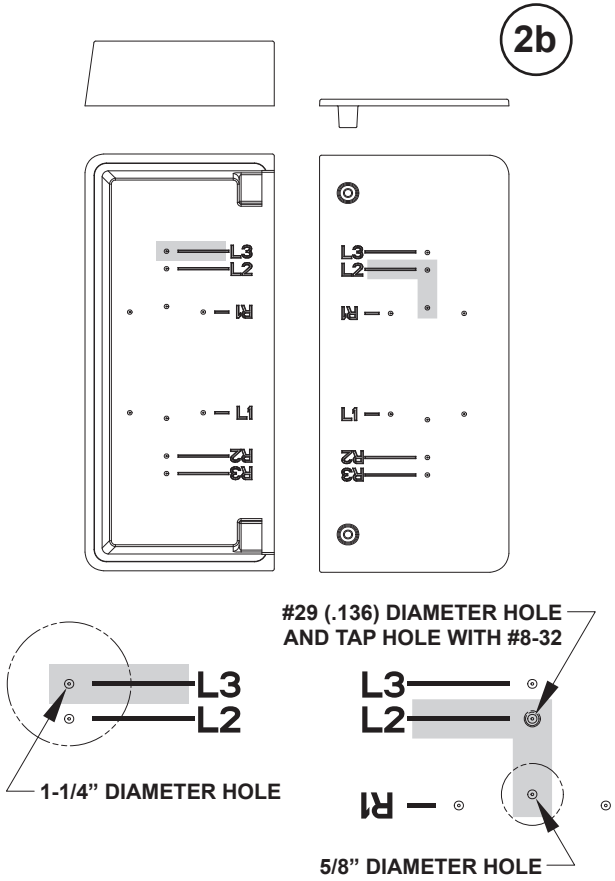



### KEY - OUT
### (TRADITIONAL METHOD)




### KEY - IN




**SHOWN WITH SLIDER DOOR OPENING TO THE LEFT**

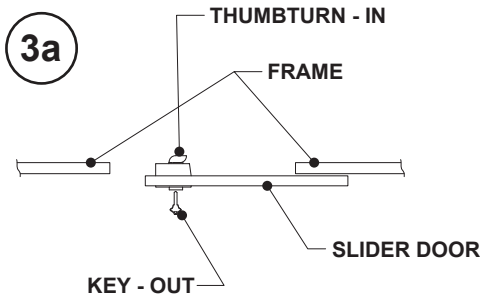
Steelcase®

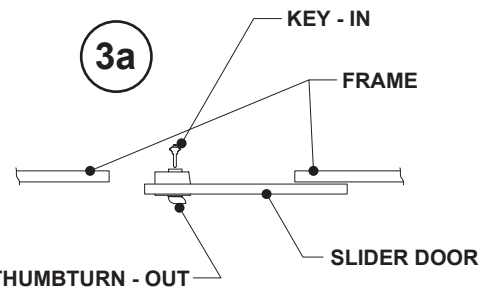
## Door Lock Assembly
## (If optional lock is ordered)

**3.** Determine key/thumbturn orientation (3a).

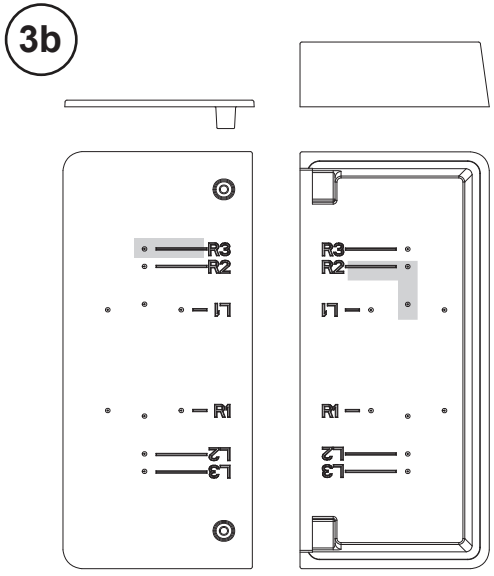
Drill key/thumbturn mounting holes (3b).

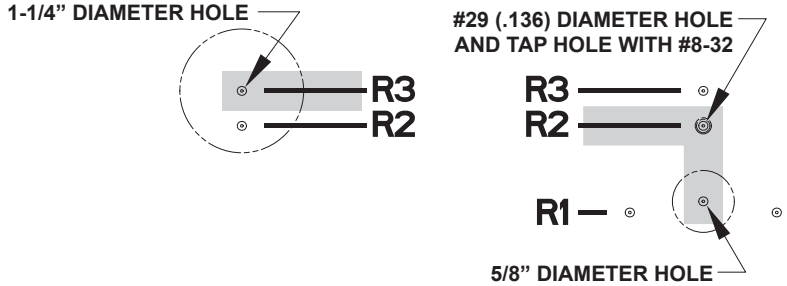
**NOTE:** Be careful, when drilling, not to damage housings.



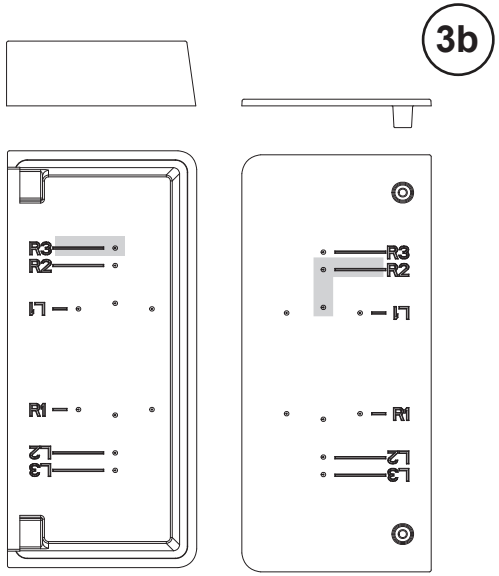



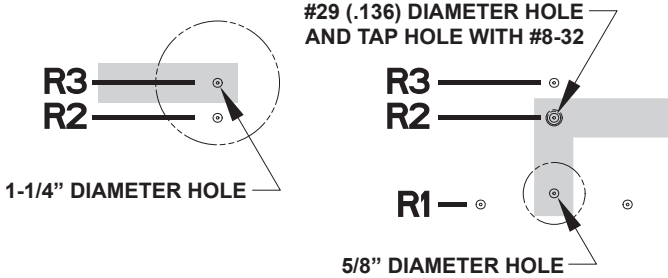

### KEY - OUT
### (TRADITIONAL METHOD)




### KEY - IN




**SHOWN WITH SLIDER DOOR OPENING TO THE RIGHT**

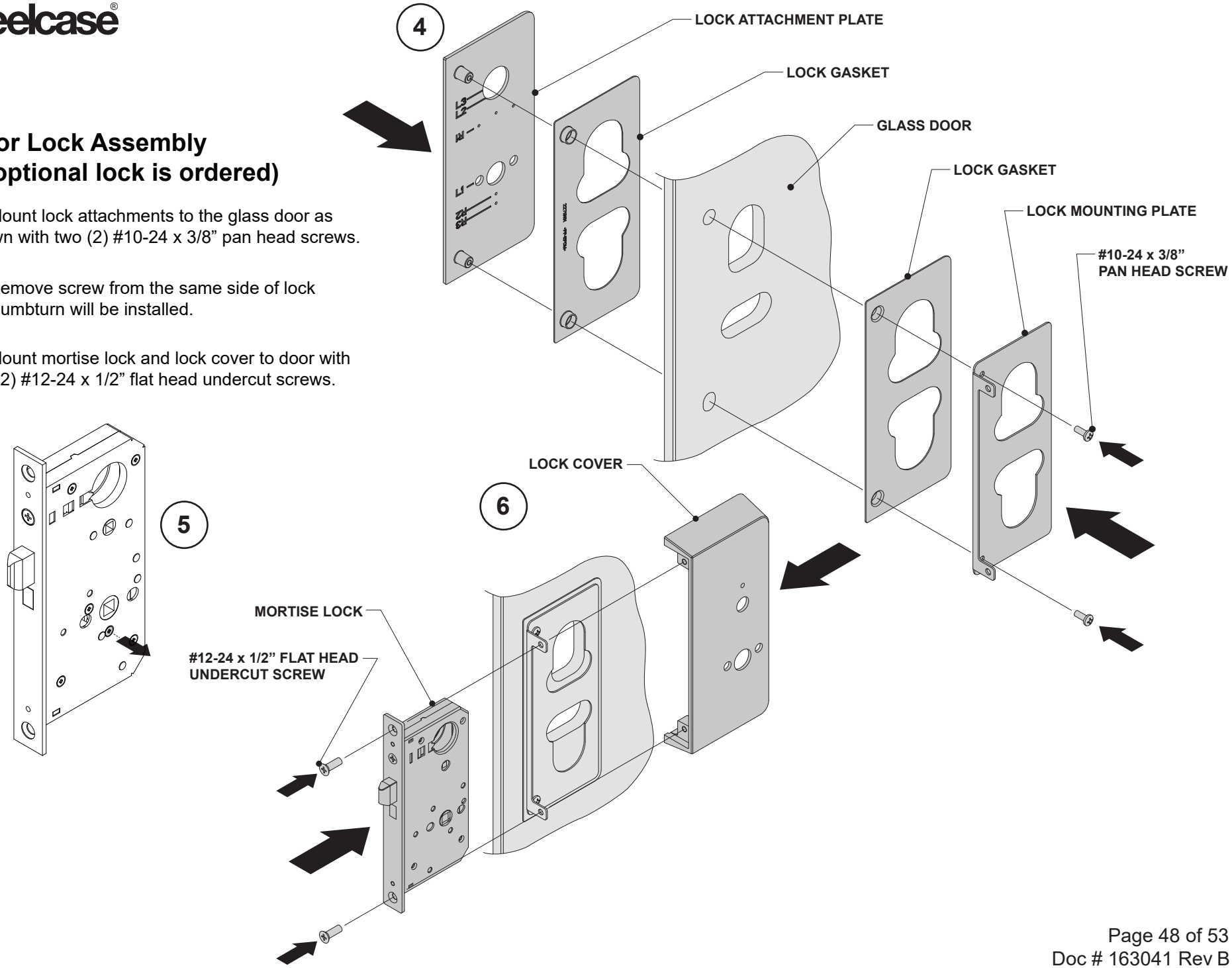
Steelcase®

## Door Lock Assembly
## (If optional lock is ordered)

**4.** Mount lock attachments to the glass door as shown with two (2) #10-24 x 3/8" pan head screws.

**5.** Remove screw from the same side of lock as thumbturn will be installed.

**6.** Mount mortise lock and lock cover to door with two (2) #12-24 x 1/2" flat head undercut screws.



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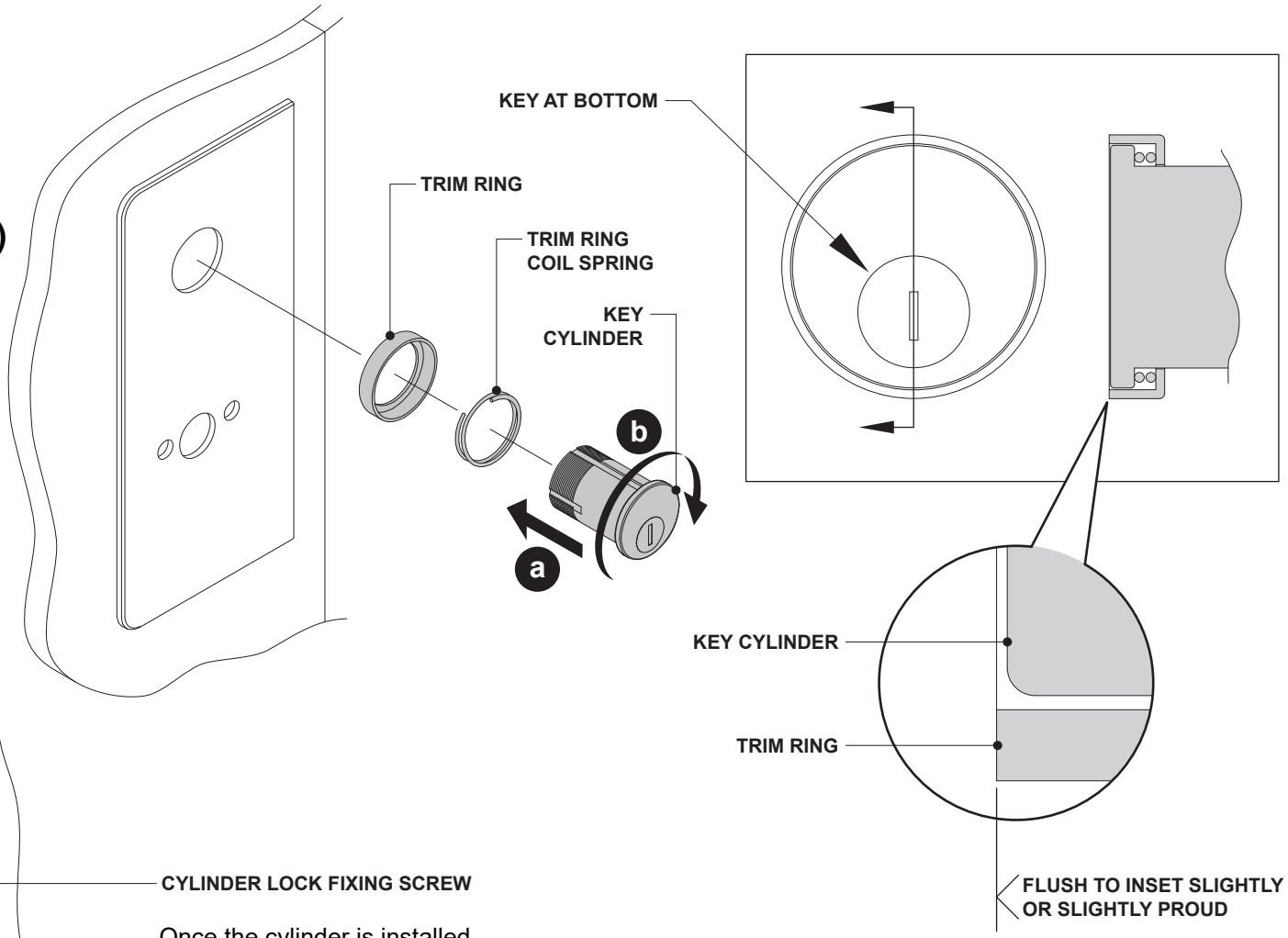
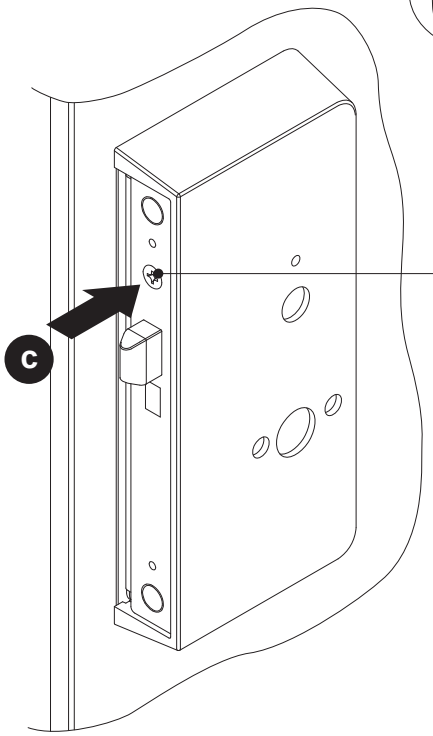
## Door Lock Assembly
## (If optional lock is ordered)

**7.** Installing the key cylinder.




CYLINDER LOCK FIXING SCREW

Once the cylinder is installed to the appropriate position, tighten the locking screw to fix the cylinder.

**NOTE:** If cylinder cam doesn't feel like it's moving freely when turning the key, try loosening or tightening the key cylinder one full turn.

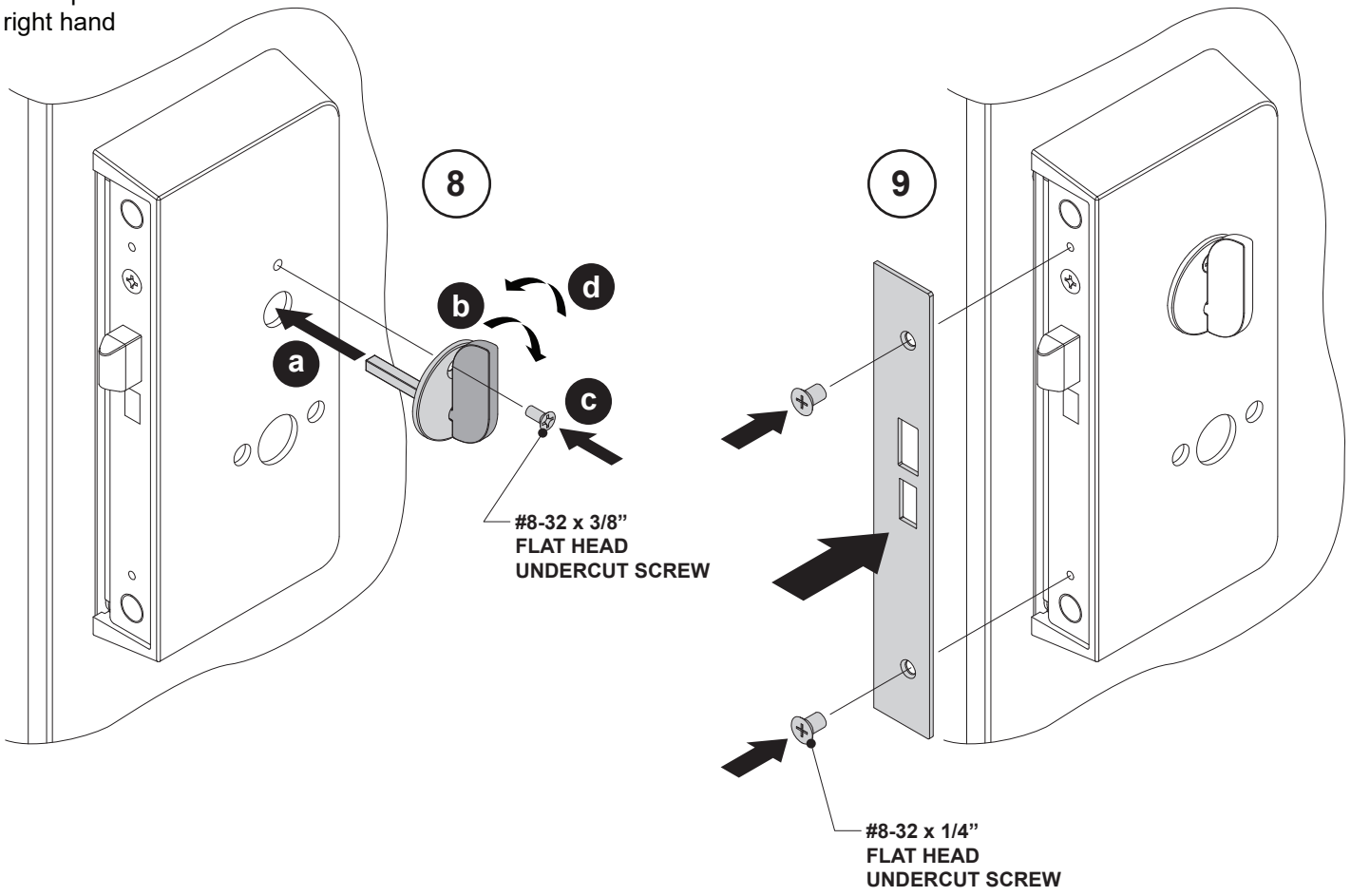
Steelcase®

## Door Lock Assembly
## (If optional lock is ordered)

**8.** Installing the thumbturn.

**9.** Installing the finish faceplate.

**NOTE:** Select the correct faceplate. There are left hand and right hand provided.



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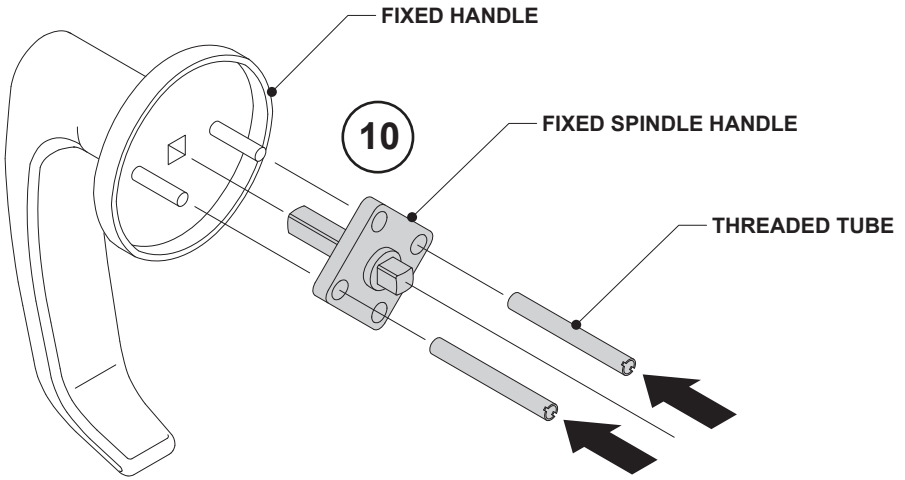
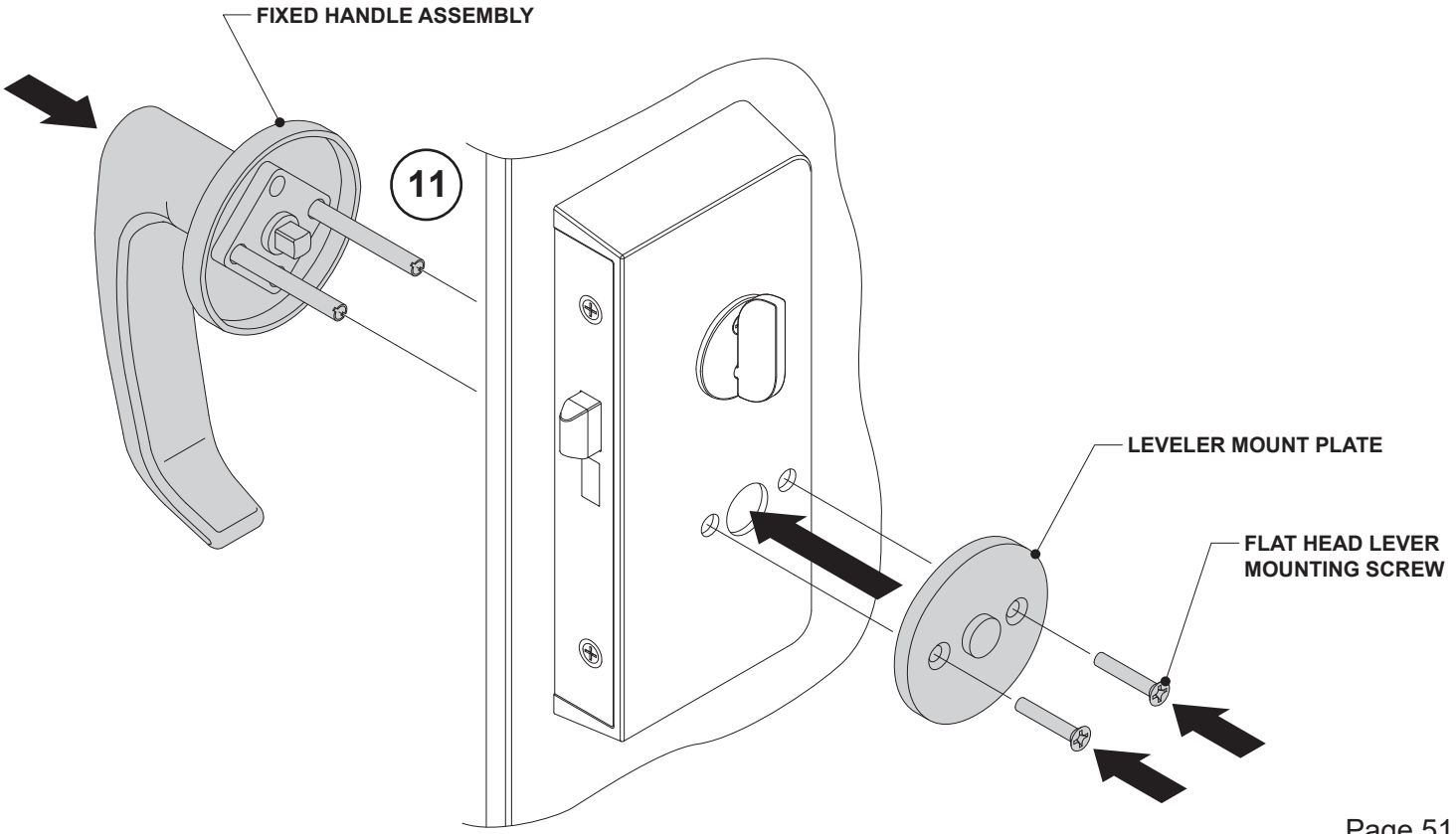
## Door Lock Assembly
## (If optional lock is ordered)

**10.** Assemble the fixed handle (key side).

**NOTE:** Install with handle pull in vertical position and threaded tubes aligned horizontally.




**11.** Install the fixed handle as shown. Tighten snugly. Do not over tighten.



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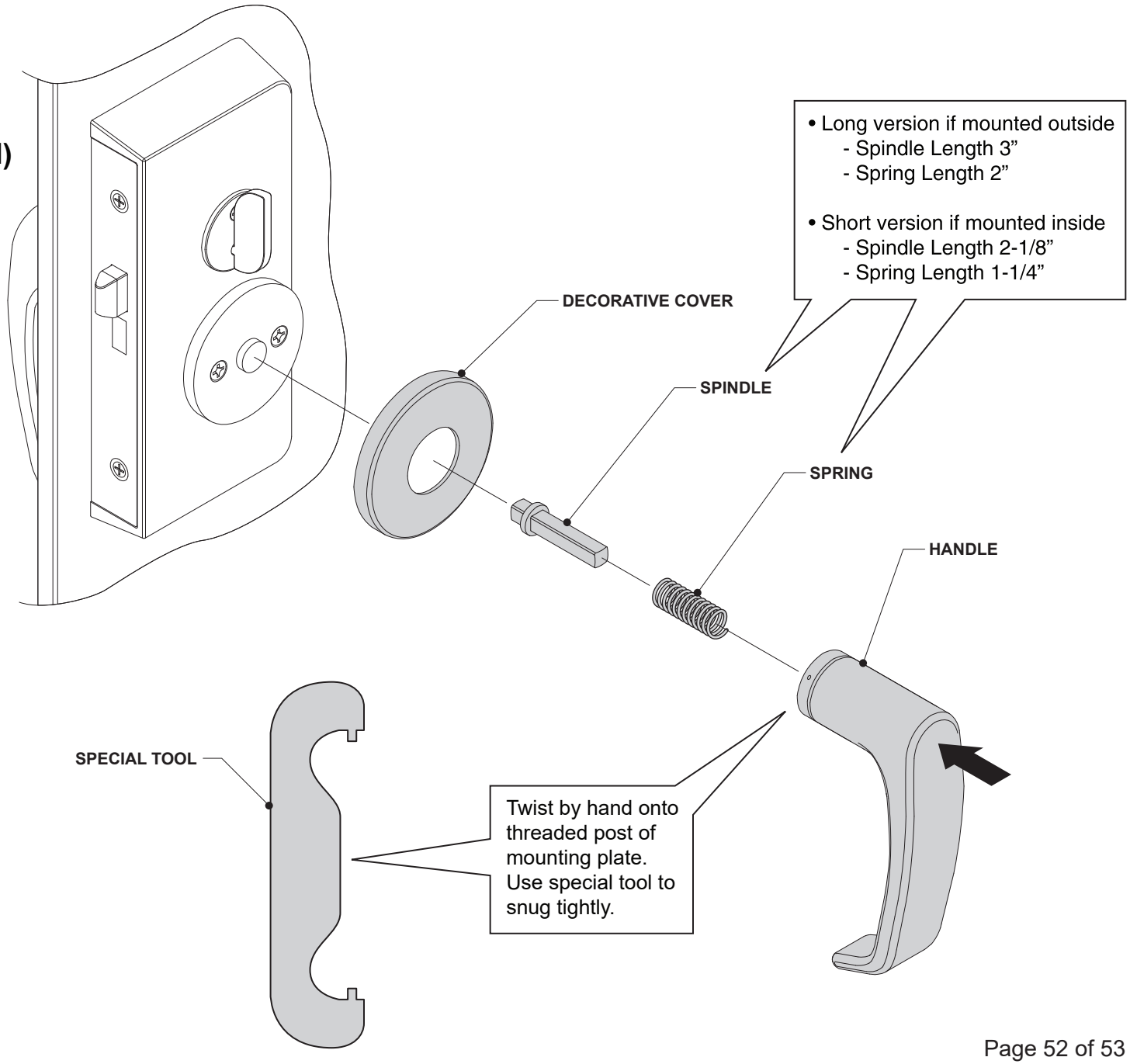
## Door Lock Assembly
## (If optional lock is ordered)

**12.** Install movable handle as shown.



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## Door Lock Assembly
## (If optional lock is ordered)