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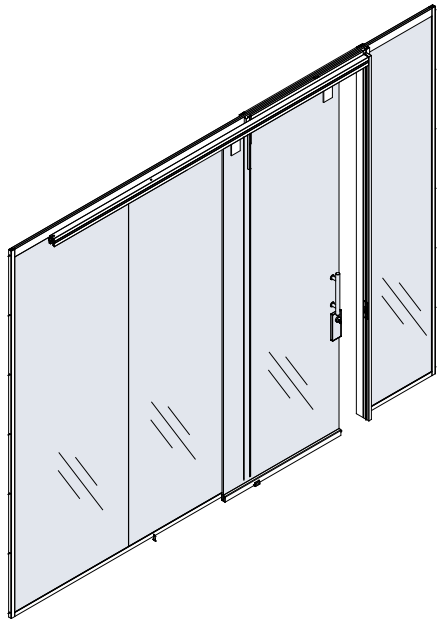
Privacy Wall / Glass Selections Lite Scale (LS) Slider Door Assembly Directions



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 PRODUCT TO BUILDING COULD RESULT IN PERSONAL INJURY.

The content in this instruction is for use when integrating Lite Scale glass and framing Glass Selections panels and/or door units. Refer to Everwall or V.I.A. related instructions when integrating Lite Scale with those panels and/or door units.

Read the entire Assembly Directions before beginning installation.

All planning and application guidelines for Privacy Wall, V.I.A., and Lite Scale are based on the requirement that the ceiling track/channel is securely connected to a ceiling in order to properly support the wall components as shown. This requirement applies to all products regardless of ceiling type (acoustical suspended ceilings, soffit, bulkhead, etc.).

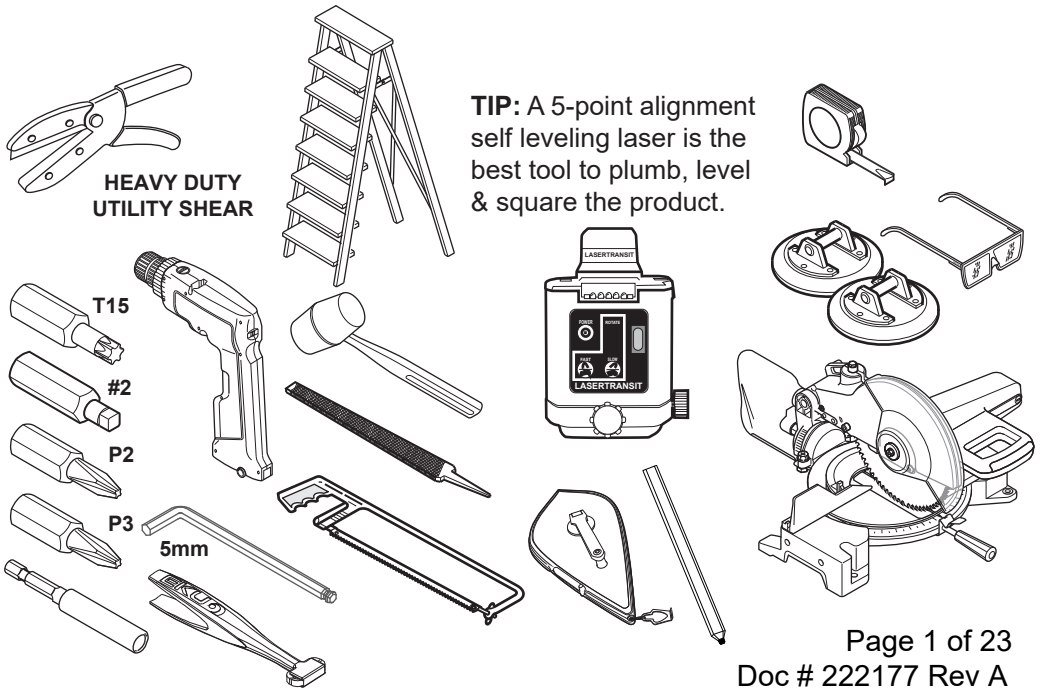
When installing Lite Scale, it is recommended that all attachment means include blocking above the ceiling regardless of ceiling type. An example of good practice for blocking above most ceiling types would be 3⁄4" FR plywood. Always consult with local code authorities to ensure blocking materials comply with code requirements (i.e. plenum rated fire protection, etc.).

For acoustical suspended ceilings, the blocking above Lite Scale doors should be the same size as the ceiling tile and should completely fill the grid in both X-Y dimensions. For areas not above doors, the blocking should at a minimum fill the grid in the direction perpendicular to the wall. See diagram on page 4.

If blocking is not used, another means for attachment to the building (for example, a brace to the upper deck) is required.

The building's designated design professional (architect or engineer) must verify that the ceiling is adequate to support the lateral loads imposed by Privacy Wall, V.I.A. and Lite Scale. Local codes may require independent bracing.

Tools



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

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Grand Rapids, MI 49501 U.S.A.

Wall Installation Support

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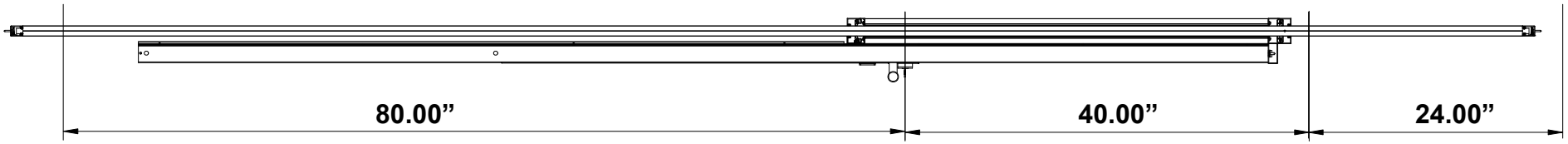
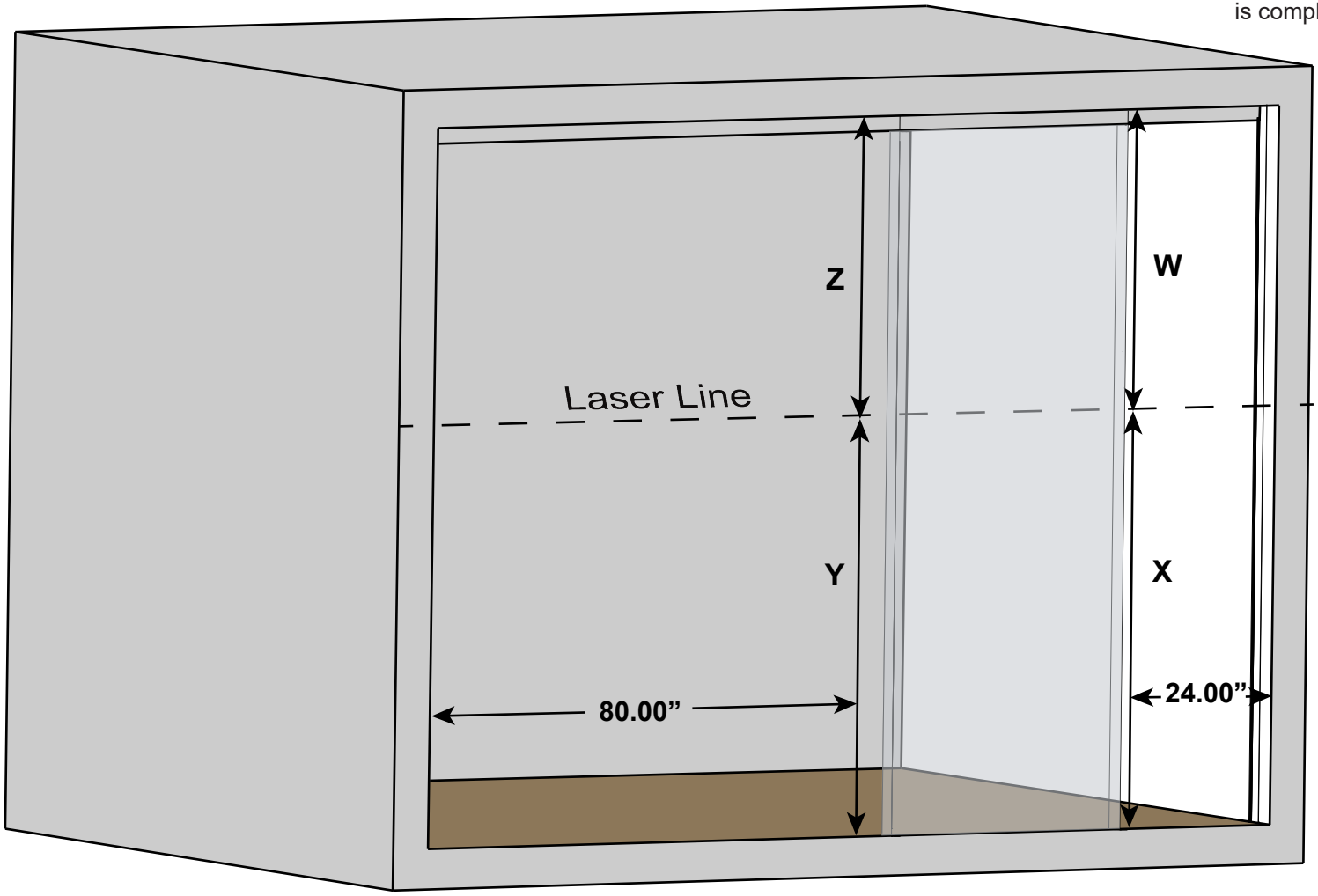
Door Frame Vertical Length



Note: For LSG applications, cut the verticals so the top of the verticals and header create an 1/4” gap at the ceiling when installation is complete.



Note: Measure to the floor.

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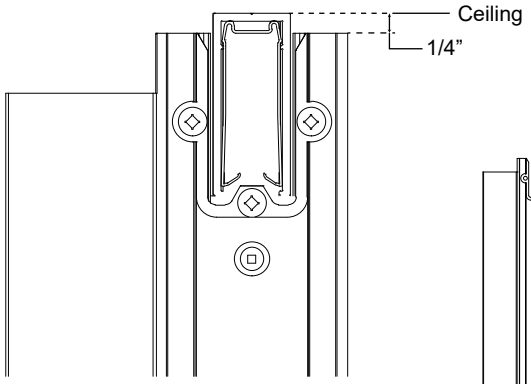
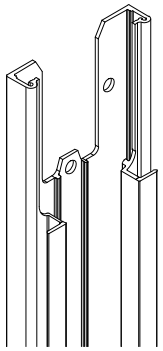
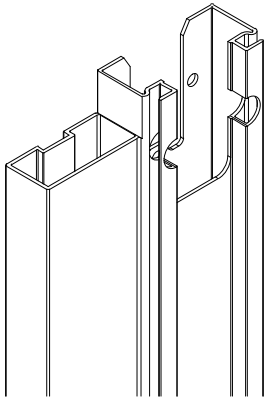
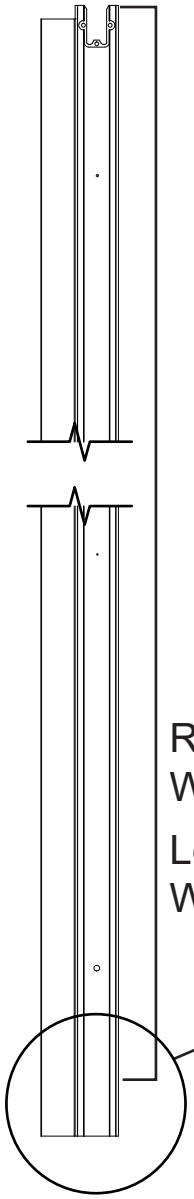




1x Trailing Edge Vertical



1x Leading Edge Vertical



Calculating Vertical cut lengths

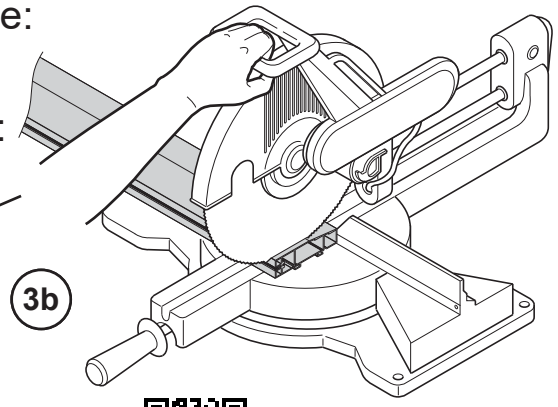
- Use the smaller of W & Z measurements from previous page to calculate Leading & Trailing Edge Vertical cut Lenghts

Example (assuming W was smaller than Z)

- Trailing Edge - W + X - 1/4”
- Leading Edge - W + Y - 1/4”

Right-Hand Frame:
W + X - 1/4"

Left-Hand Frame:
W + Y - 1/4"



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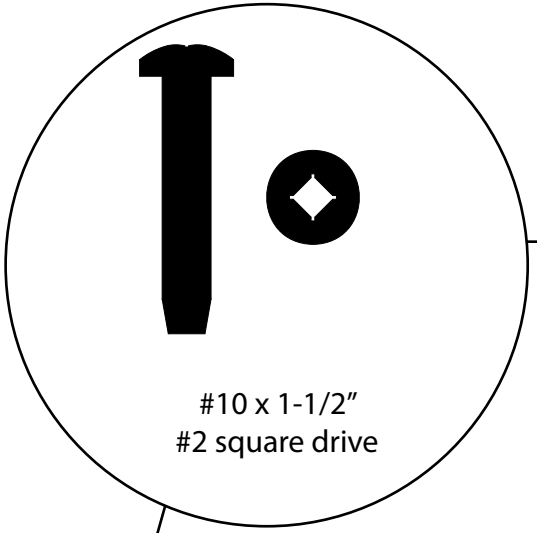
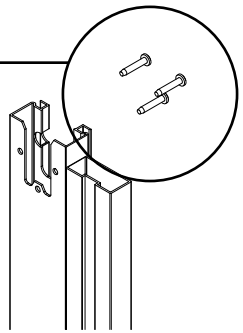
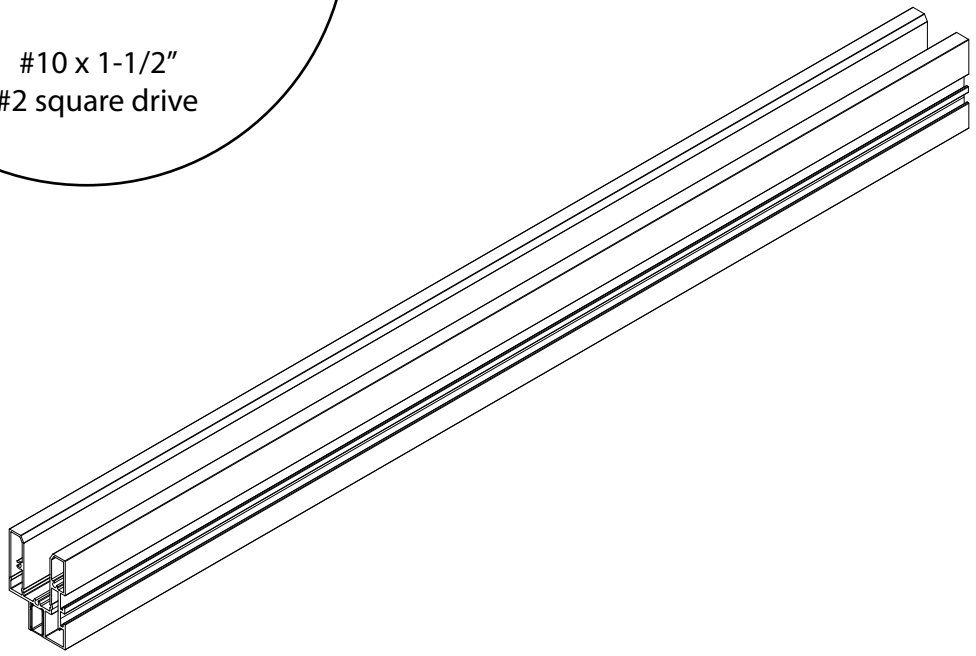
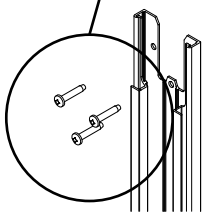
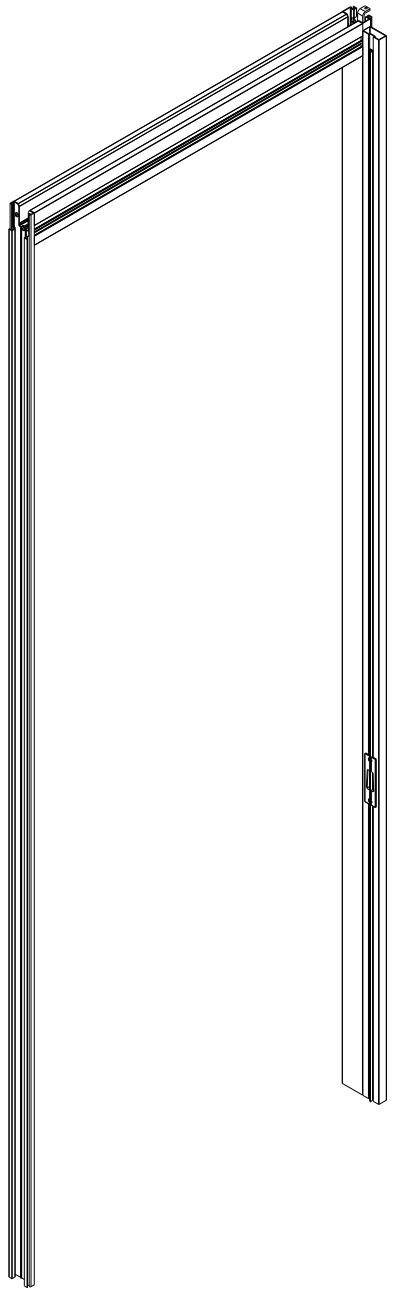








1



Wall Installation Support

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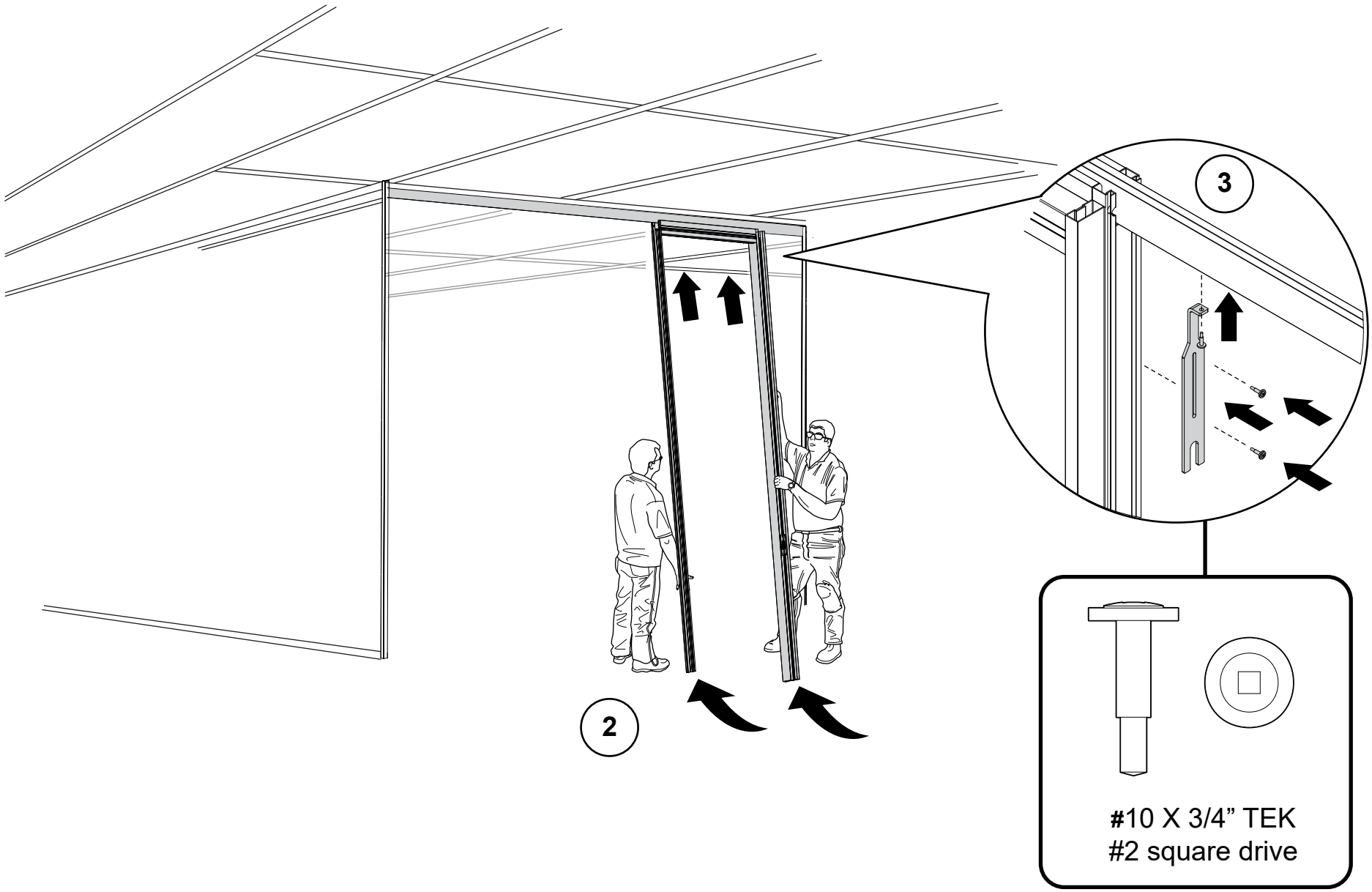

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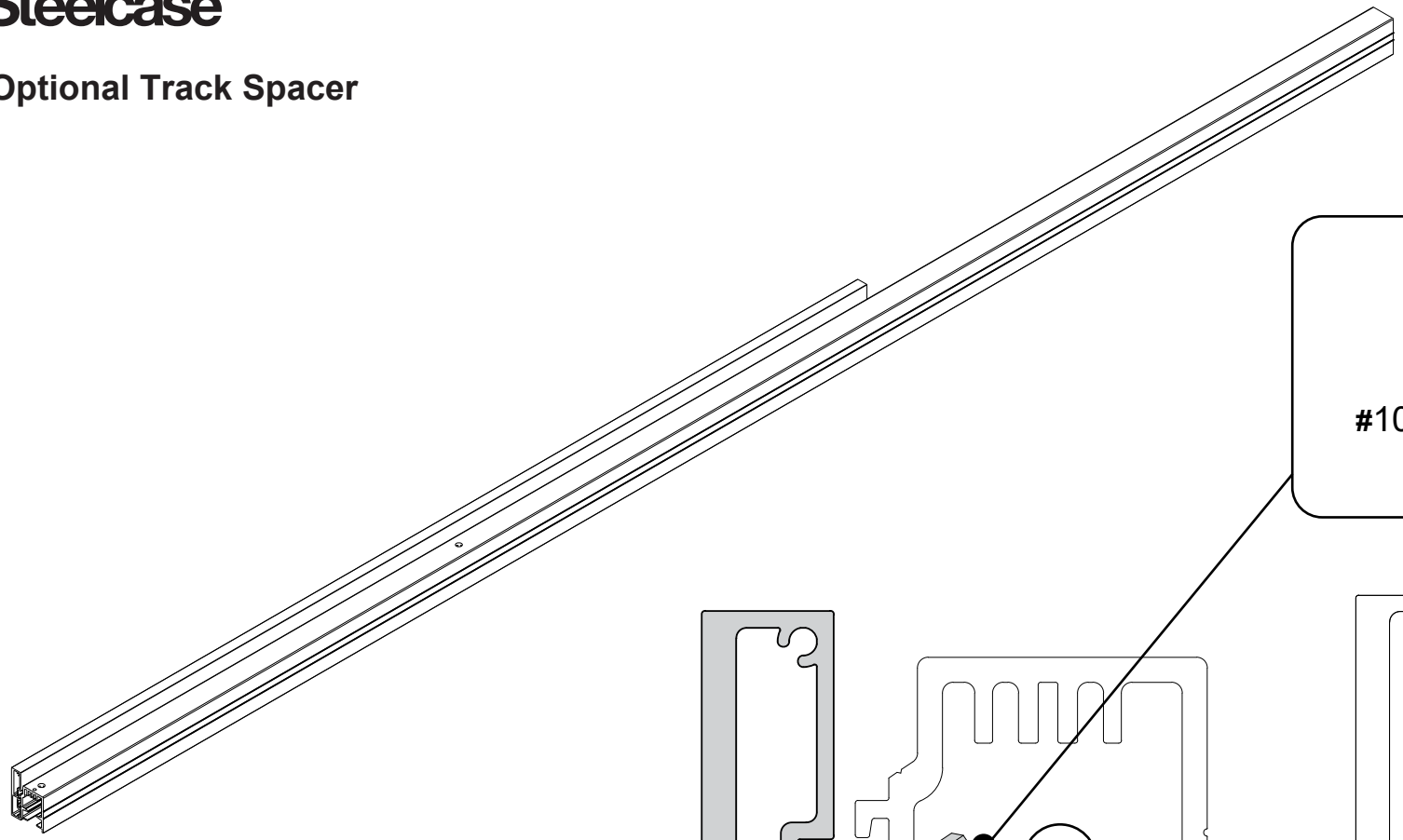
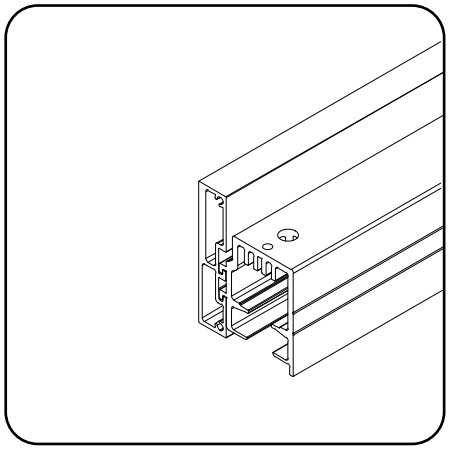
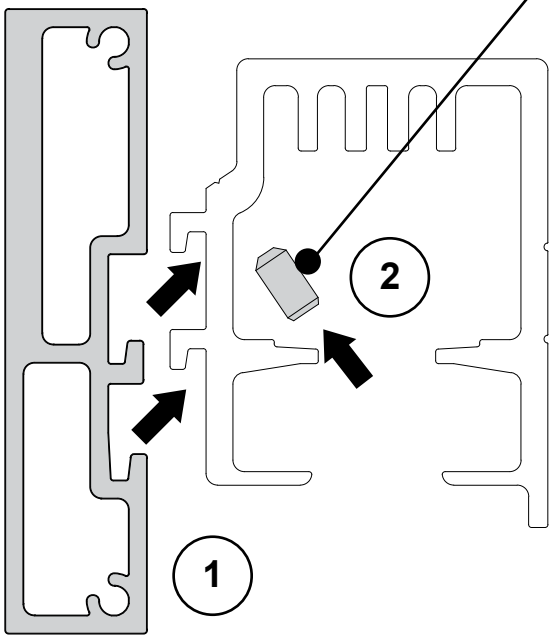
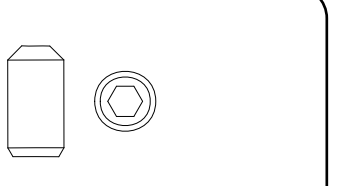
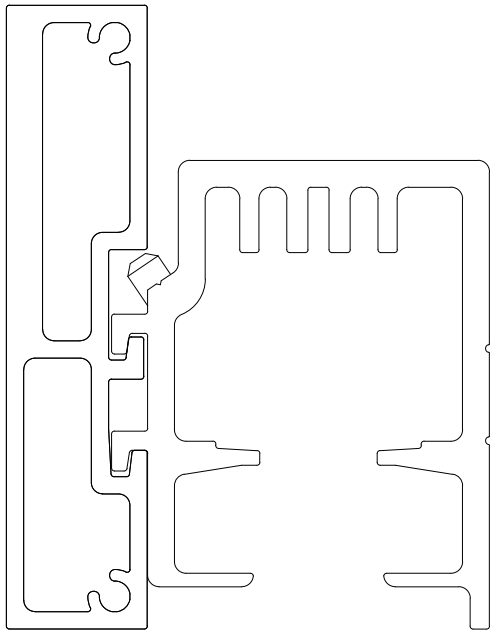
Optional Track Spacer











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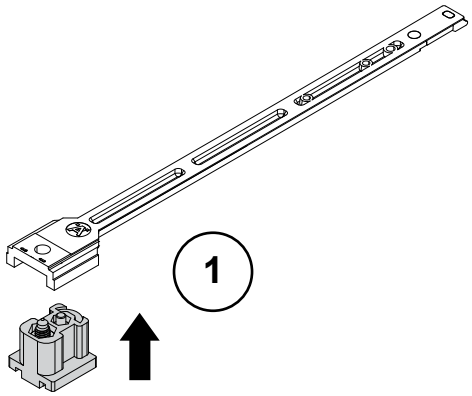

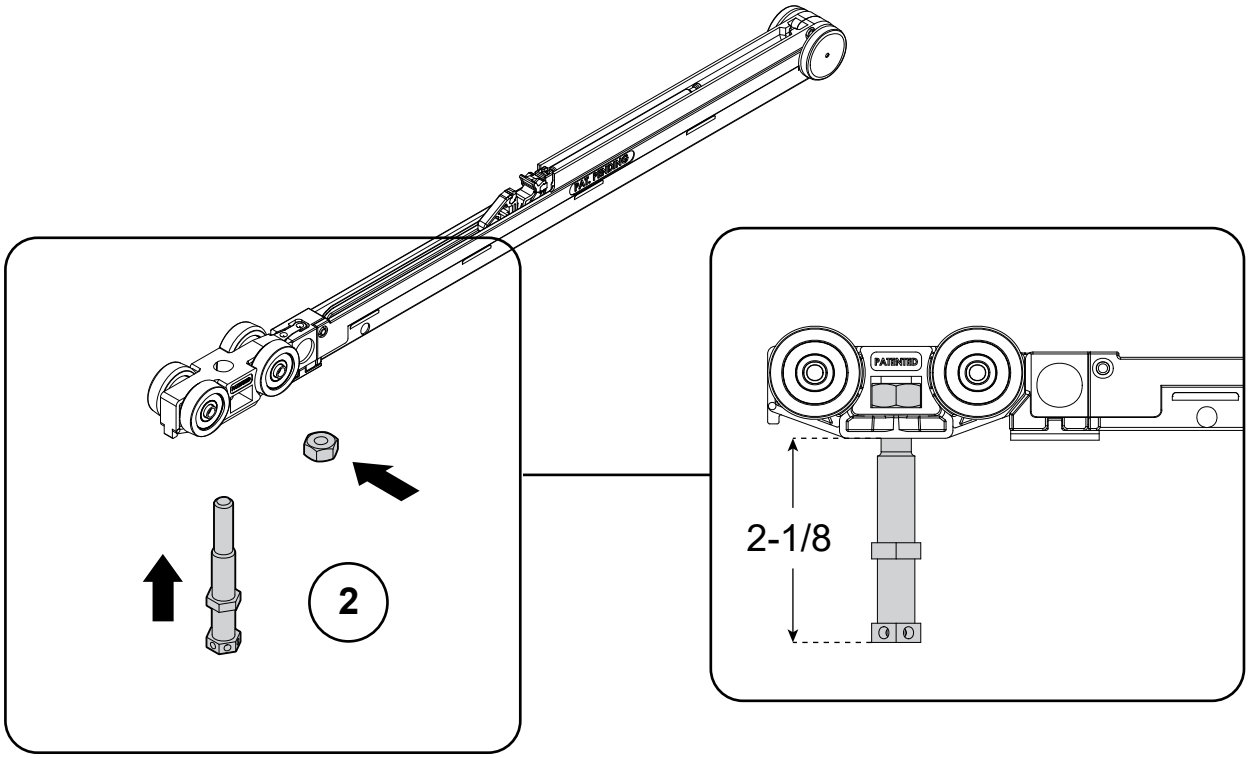

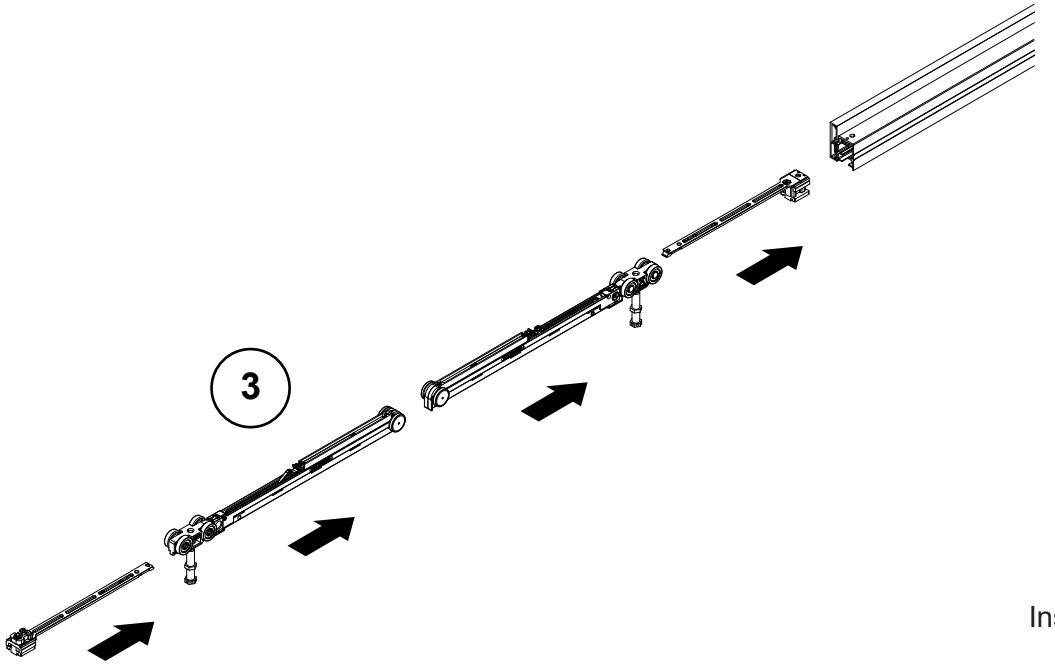

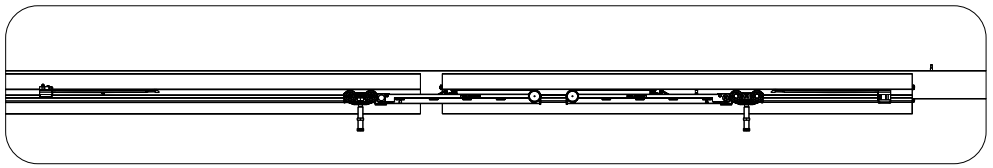

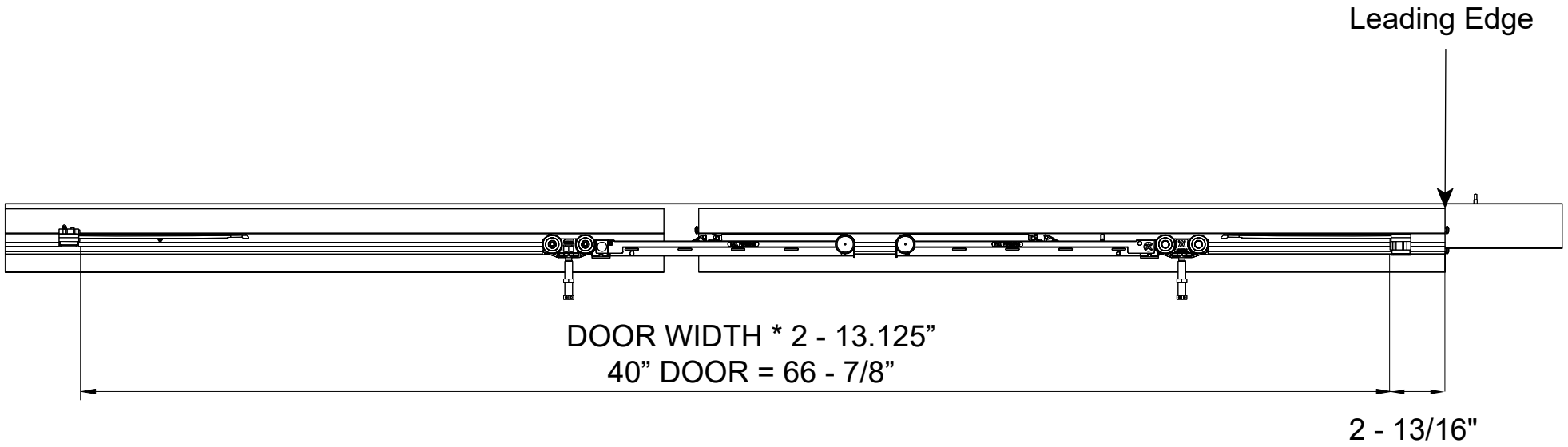
Leading Edge
DOOR WIDTH * 2 - 13.125”
40” DOOR = 66 - 7/8”
2 - 13/16"

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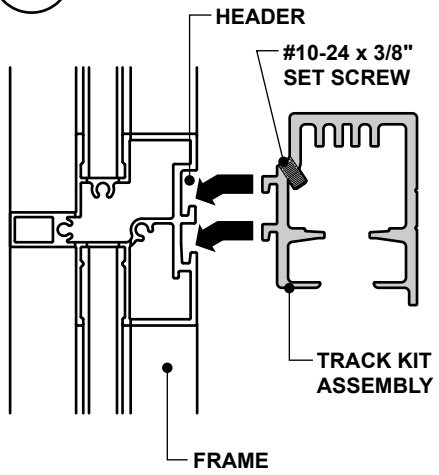
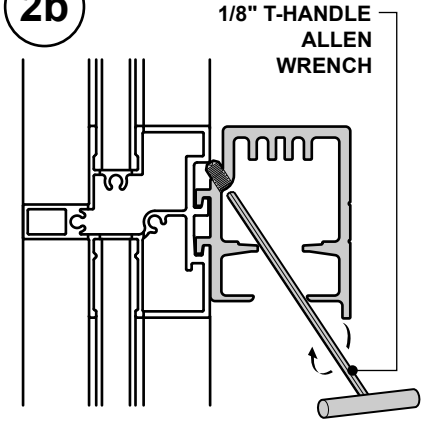
Installing Door Track Assembly

2a

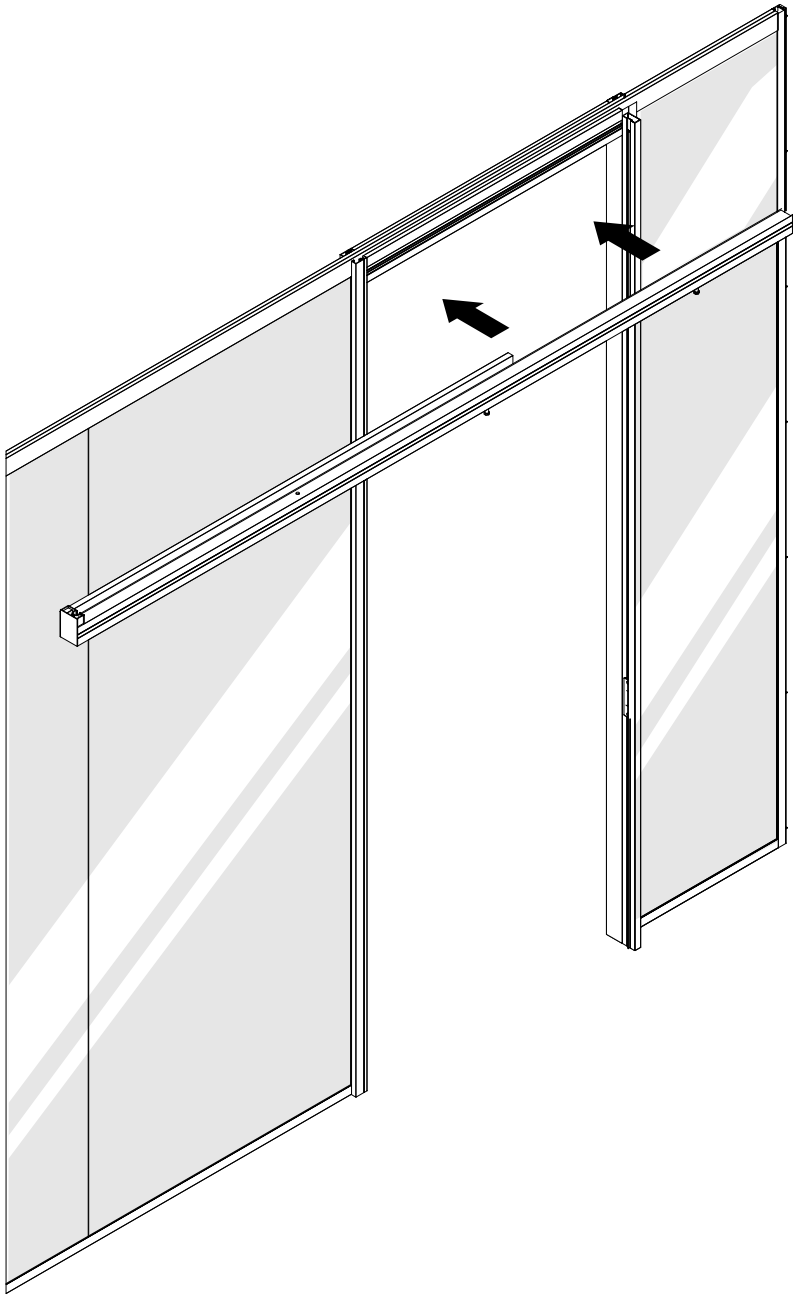
SIDE VIEW



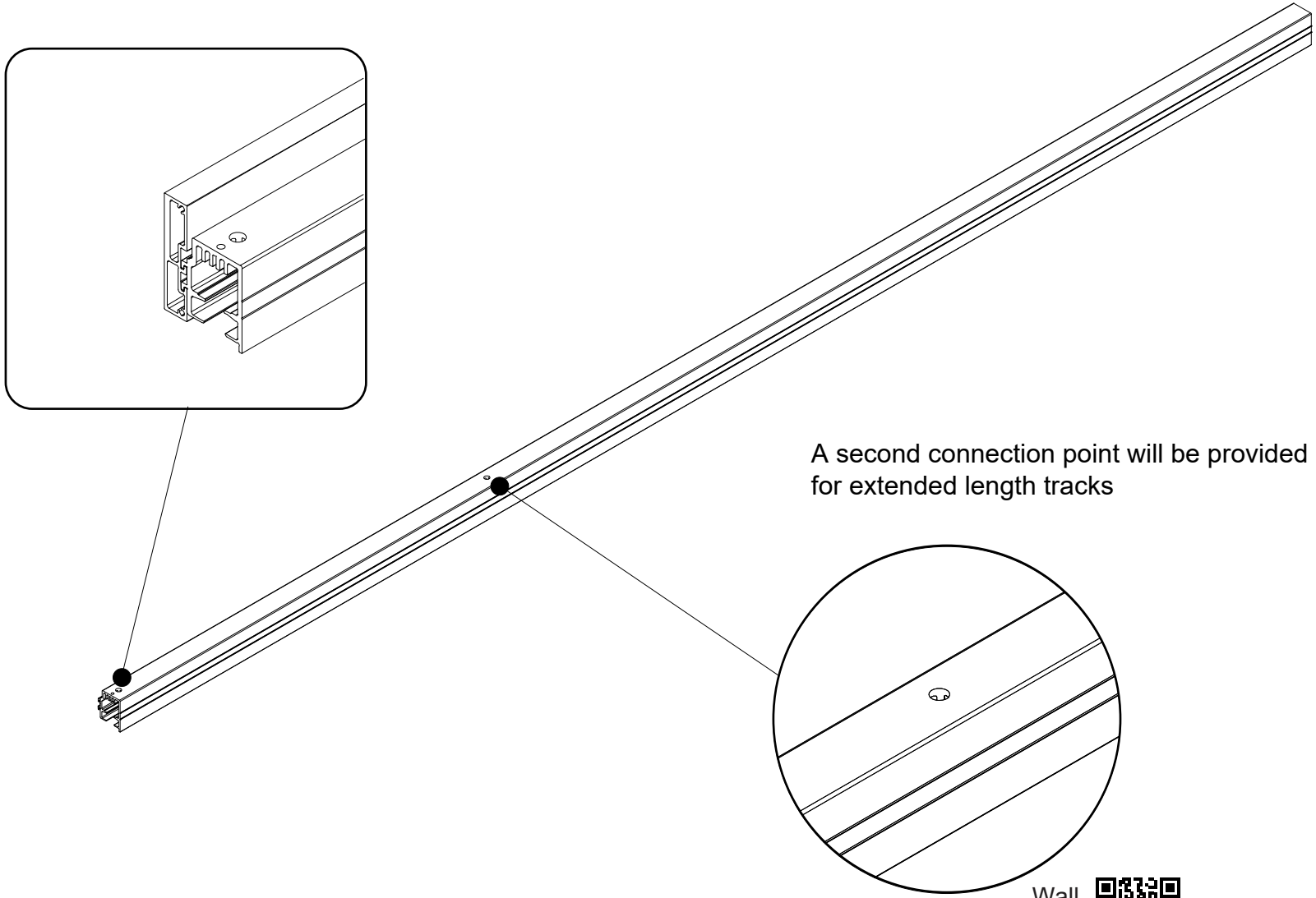
2b



CAUTION:
MAKE SURE THE TRACK IS SEATED AND SECURED TO HEADER WITH SET SCREWS AND LOCTITE 425, OTHERWISE INJURY MAY RESULT.



Note: Steelcase provides a clearance hole at the trailing end of the slider track for connecting the track to the building ceiling. Consult the building architect or engineer of record to determine a suitable connection.



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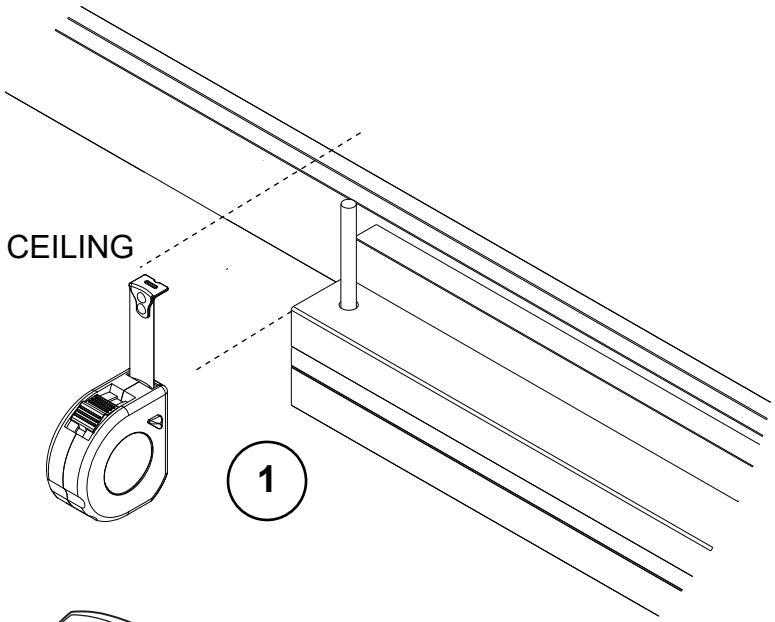
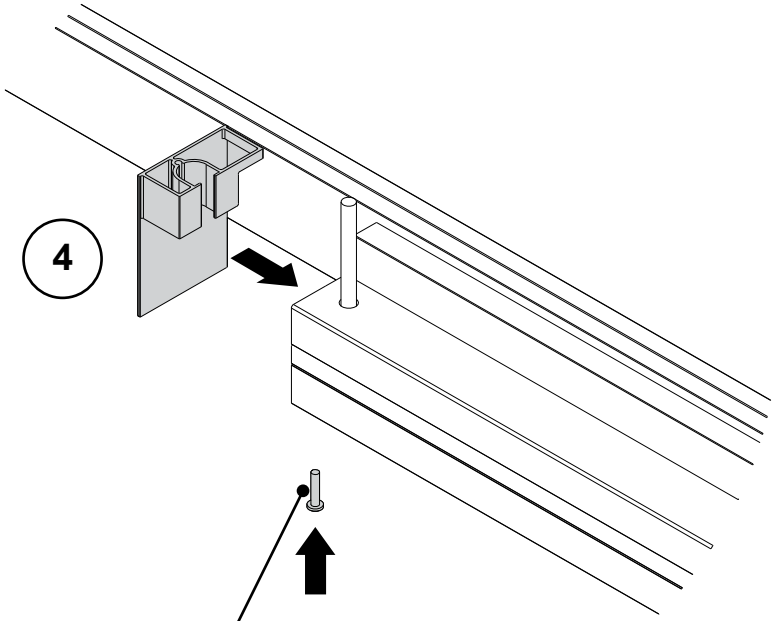
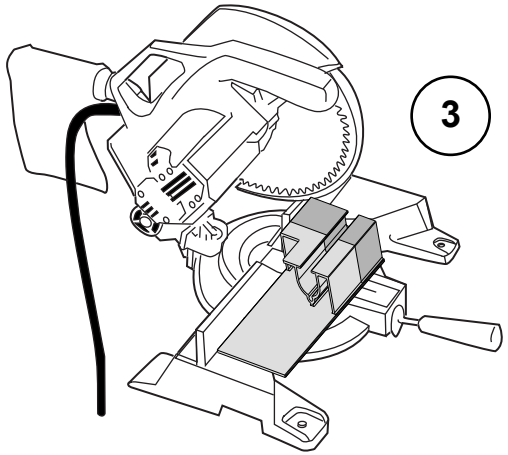
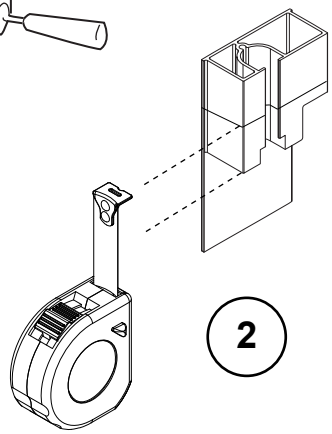
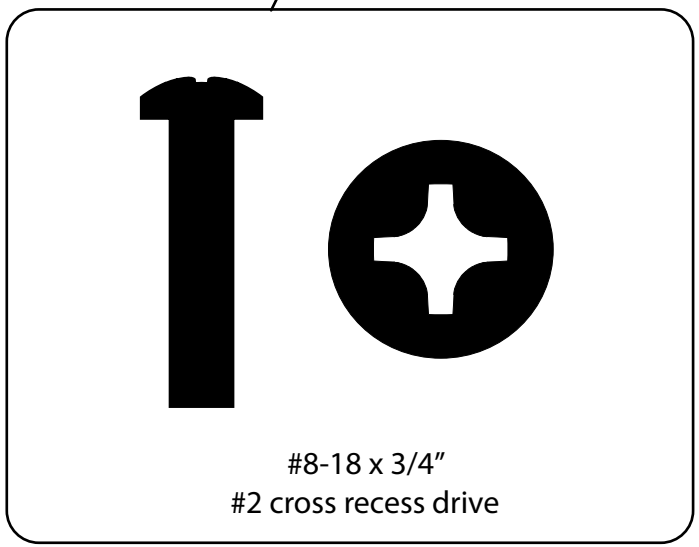






TIP: Use a clamp when cutting slider track cover.





Wall Installation Support

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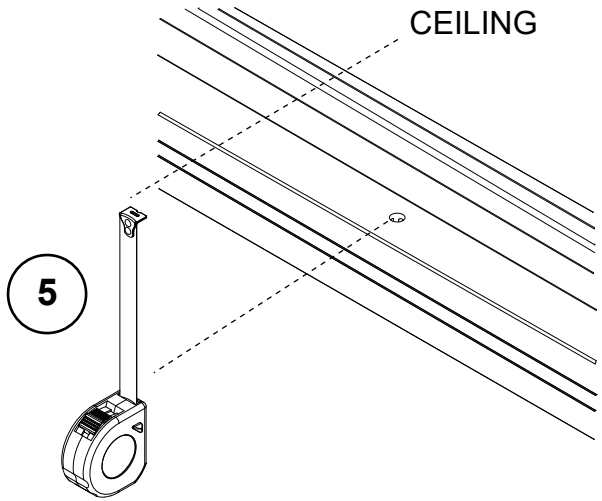
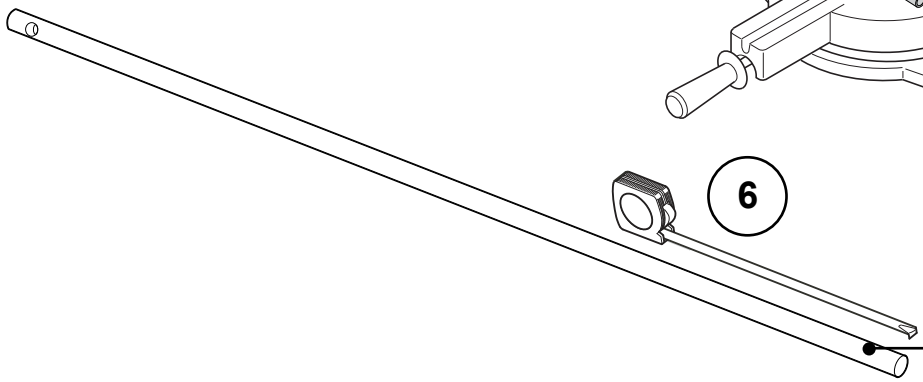
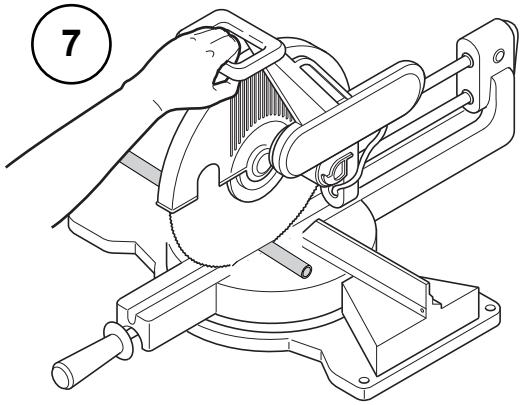
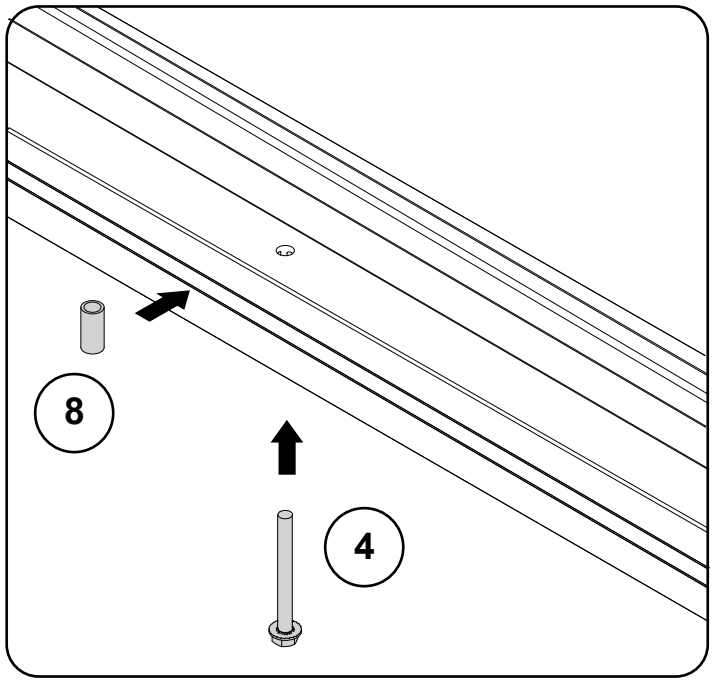
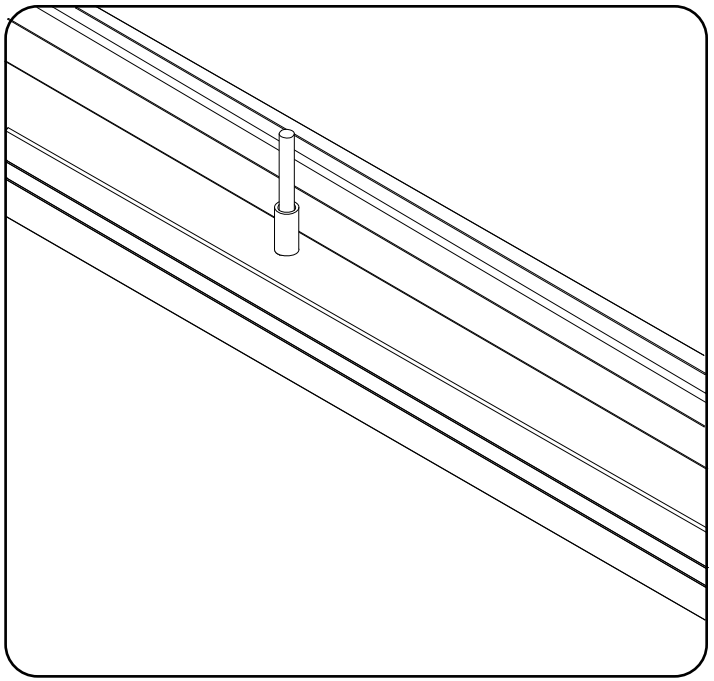


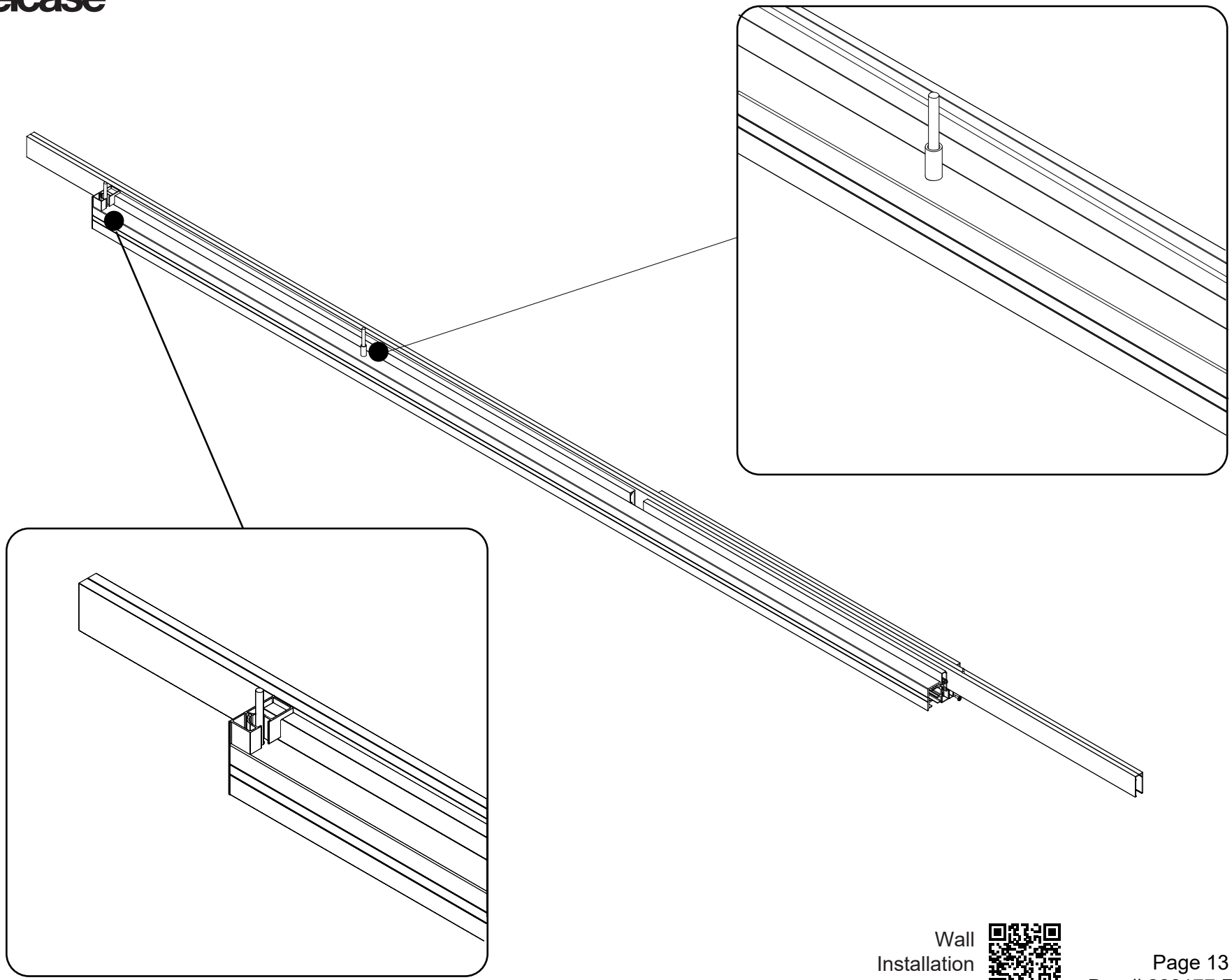








Wall
Installation
Support



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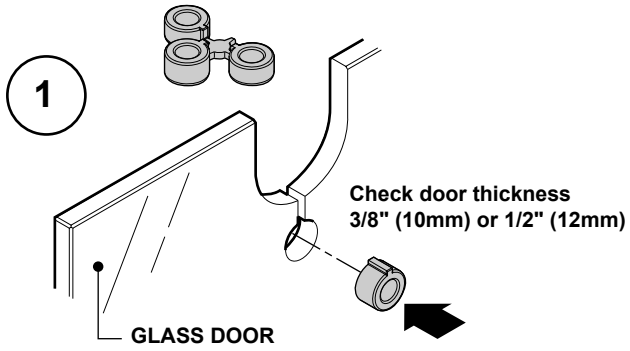
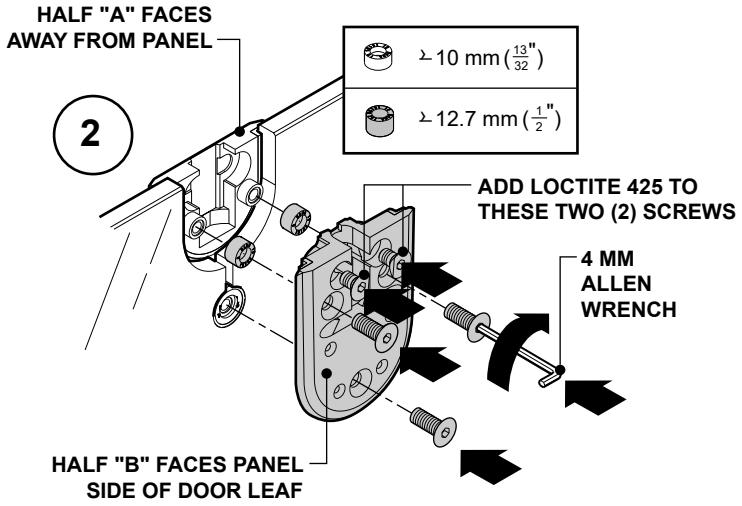
Installing the Suspension Patches to the Door Leaf





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Installing The Glass Door Assembly

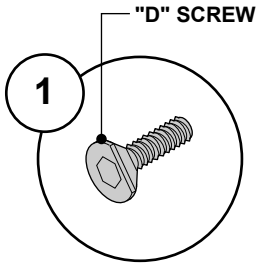
1. Install roller package assembly to the glass door per steps 1 and 2 on page 14, except do not install (4) "D" screws.

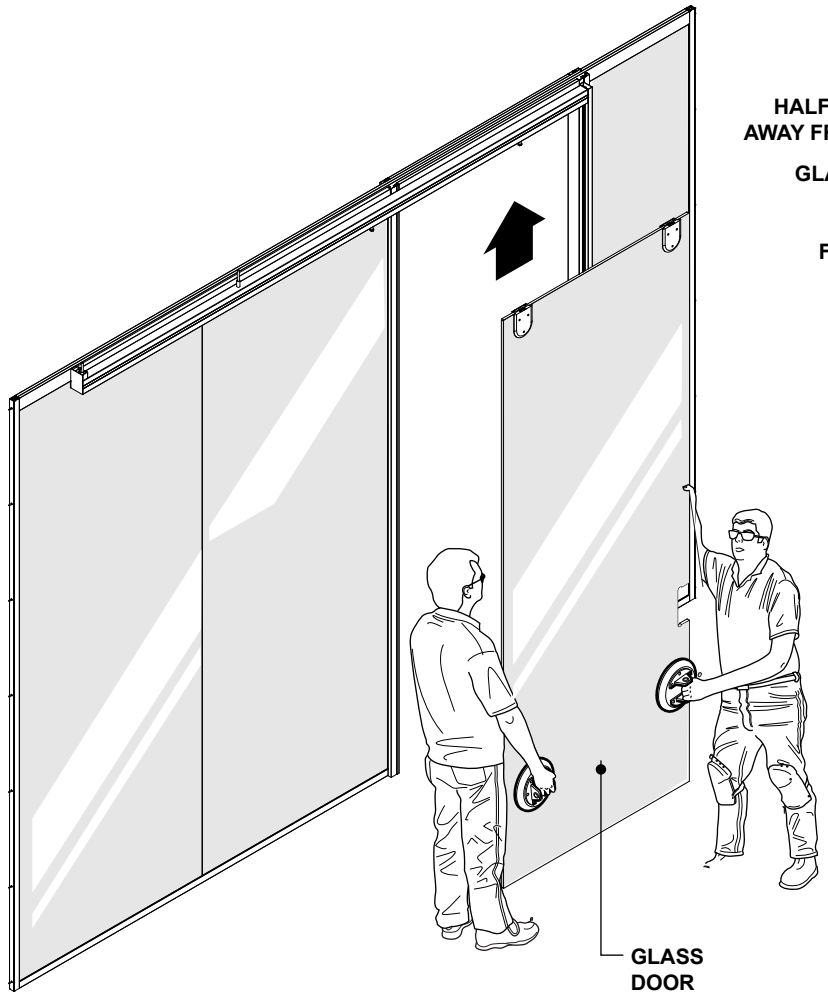
2. Using two people, gently guide the glass door assembly into the track kit assembly (2a). Have third person position the bolts and once the door is hung add Loctite 425 to "D" screws and install (2b).

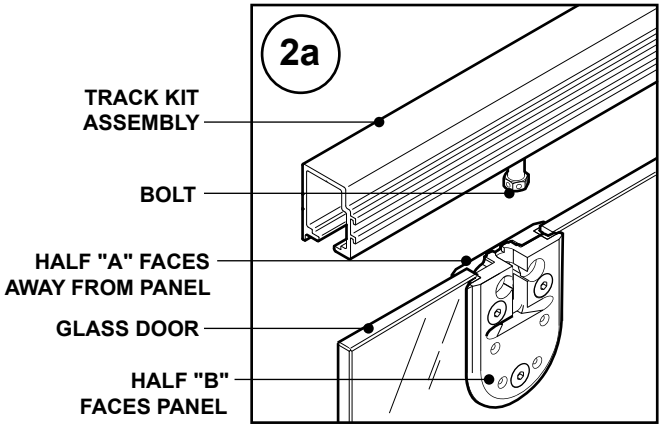
CAUTION:
To avoid glass chipping, keep all protective corner packaging in place while unpacking and staging.

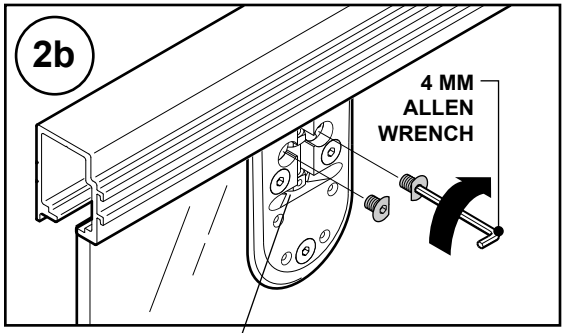
Remove top protective corners after installing door leaf. Take care to avoid damage to unprotected corners.

Do not rest bottom of glass on J-hook or other foreign objects.









Adjustment of suspension bolt may be required to plumb door to seal.

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Installing The Glass Door Assembly (continued)

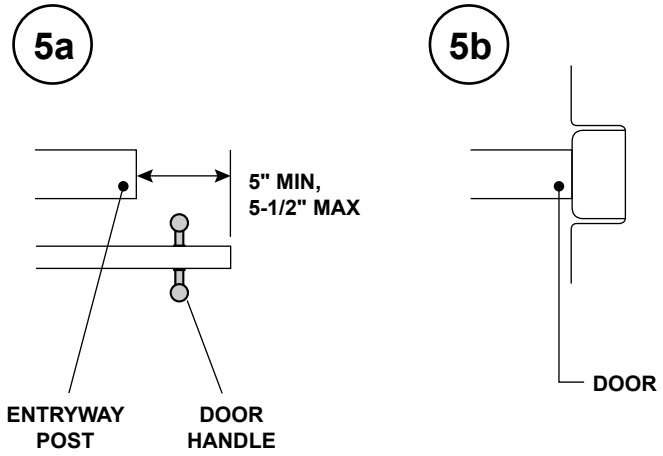
3. When closer options are present, gently roll door closed to set the leading end closer mechanism then gently open door to door stop to set the trailing closer mechanism.

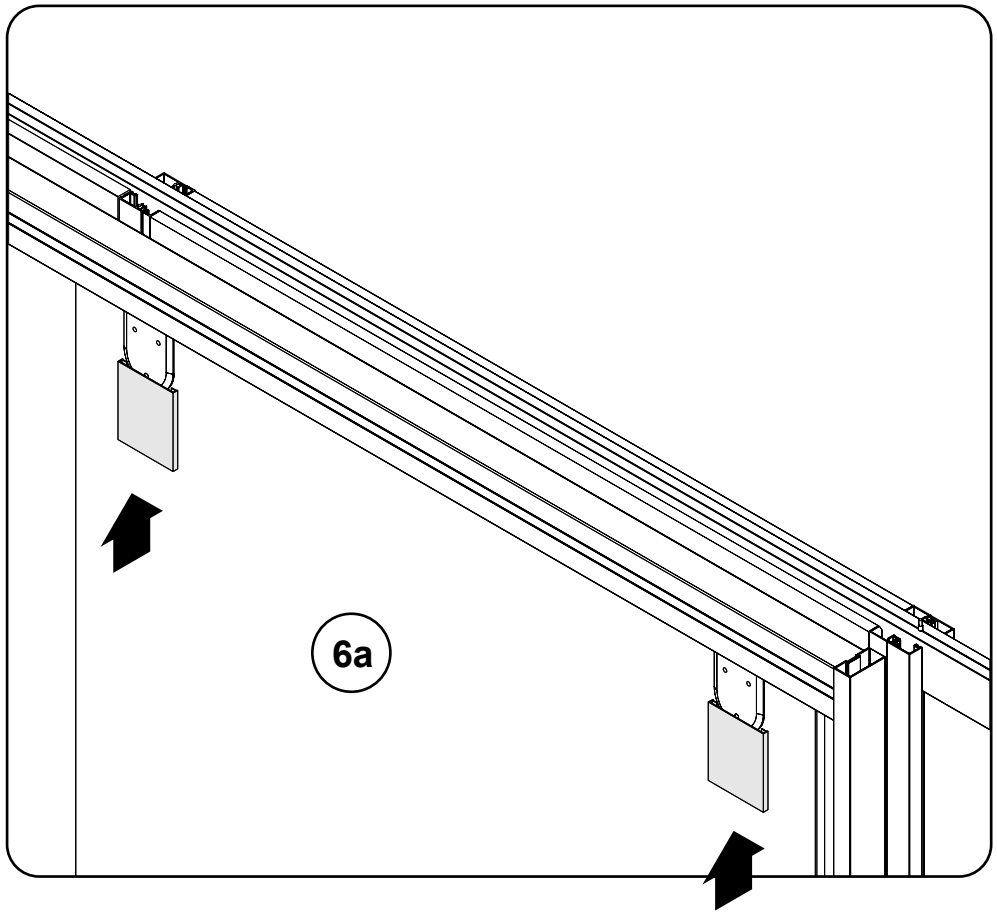
4. Adjust both stops so the door opens and closes at the correct distance.

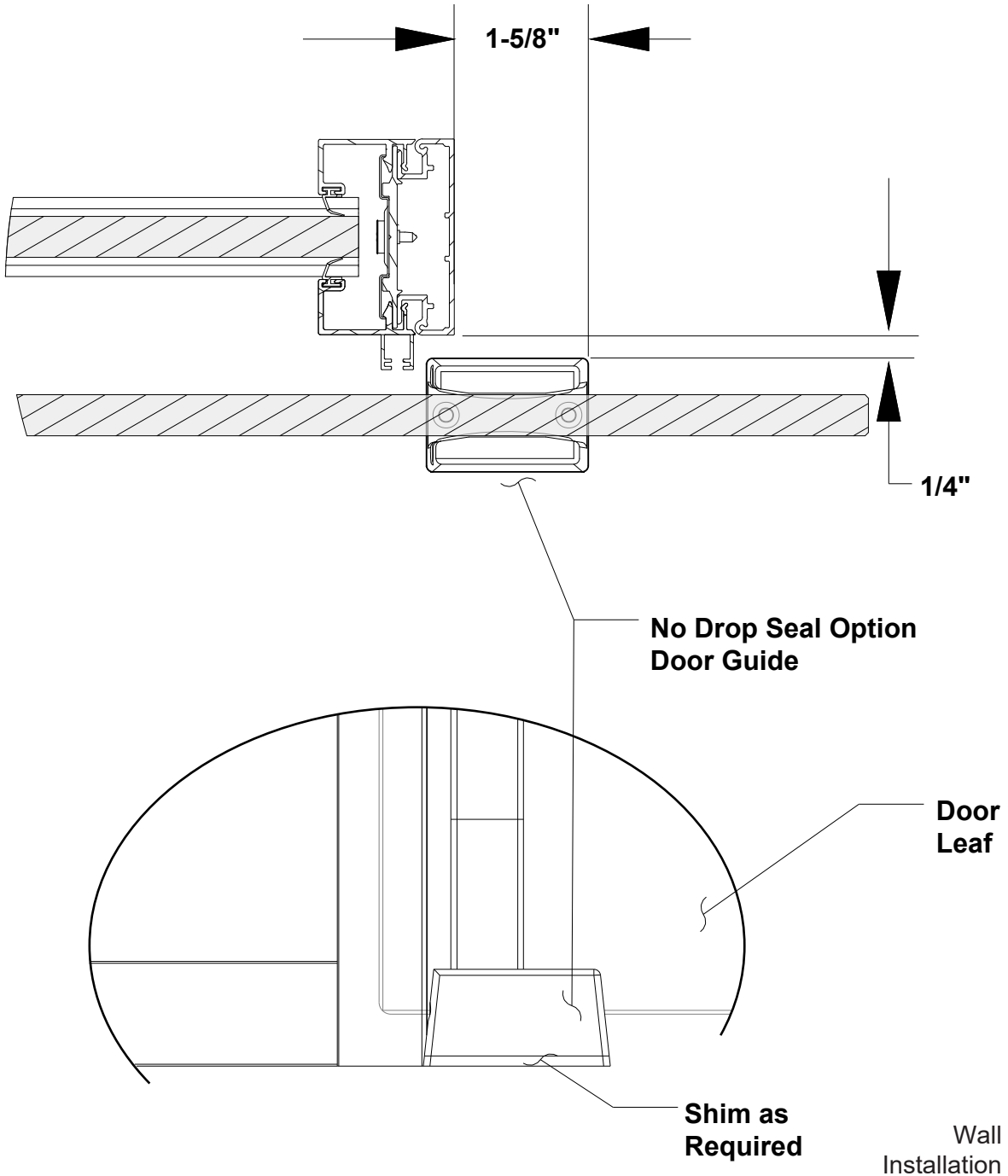
5. Tighten the screws at stops.

Edge of door to entryway (5a).
Door should contact seal (5b).

6. Install cover caps.






1-5/8"
1/4"
No Drop Seal Option
Door Guide
Door
Leaf
Shim as
Required

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1. Glass Door Drop Seal Installation: Along with the directions below, follow the manufacturer's instructions for completion of door seal installation.

2. Determine direction the door opens. The drop seal assembly may need to be disassembled and flipped and reassembled to ensure the drop seal activation button will contact the leading edge strike while on the side of the door opposite of the door frame.

3. Clean glass mounting surface with Isopropyl alcohol (both sides) where drop seal and door trim are to be applied.

4. Remove tape adhesive liner from drop seal.

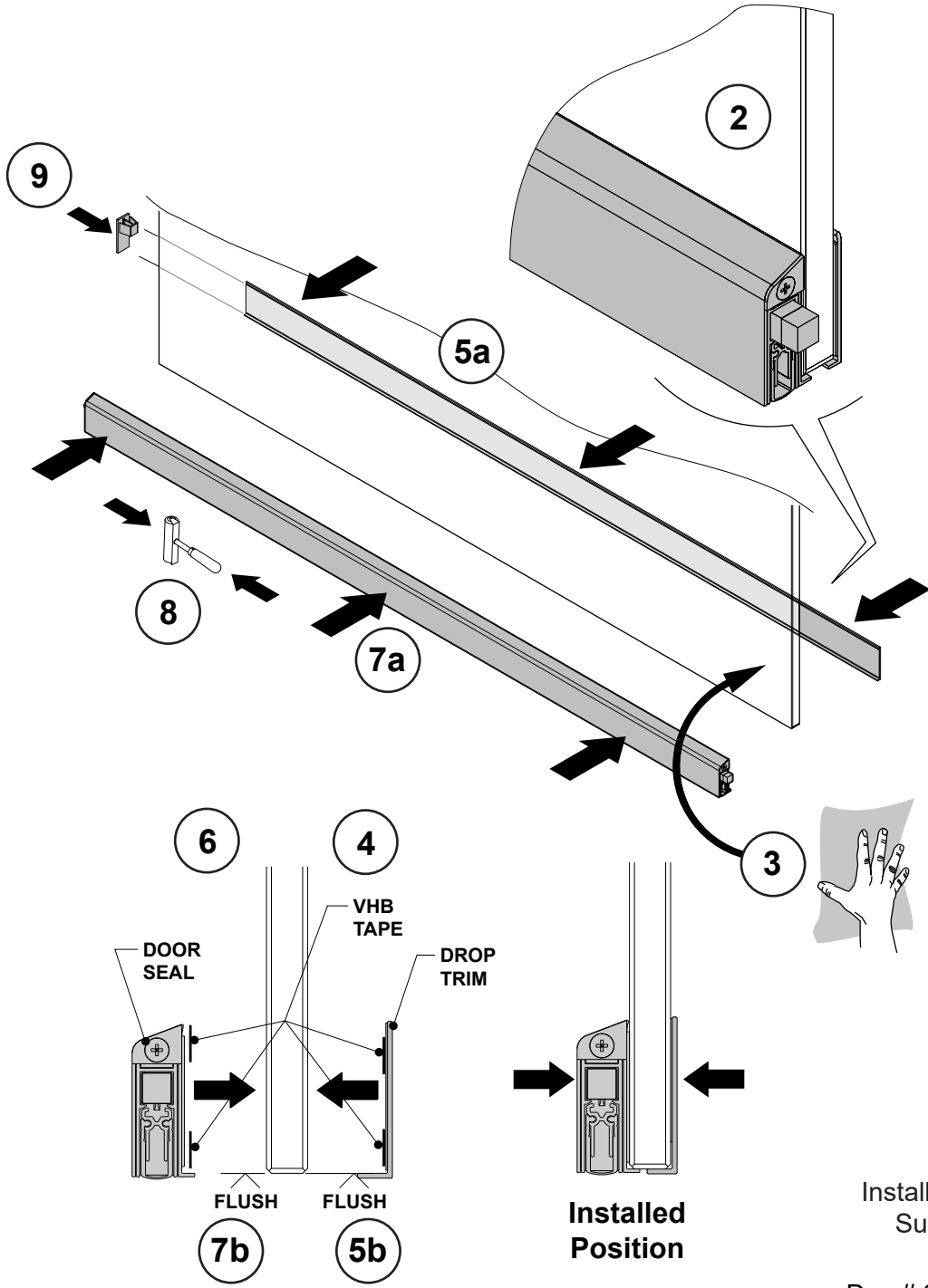
5. Apply drop seal (adhesive side) visually centered over the door width (5a) and flush to the bottom edge of glass door (5b).

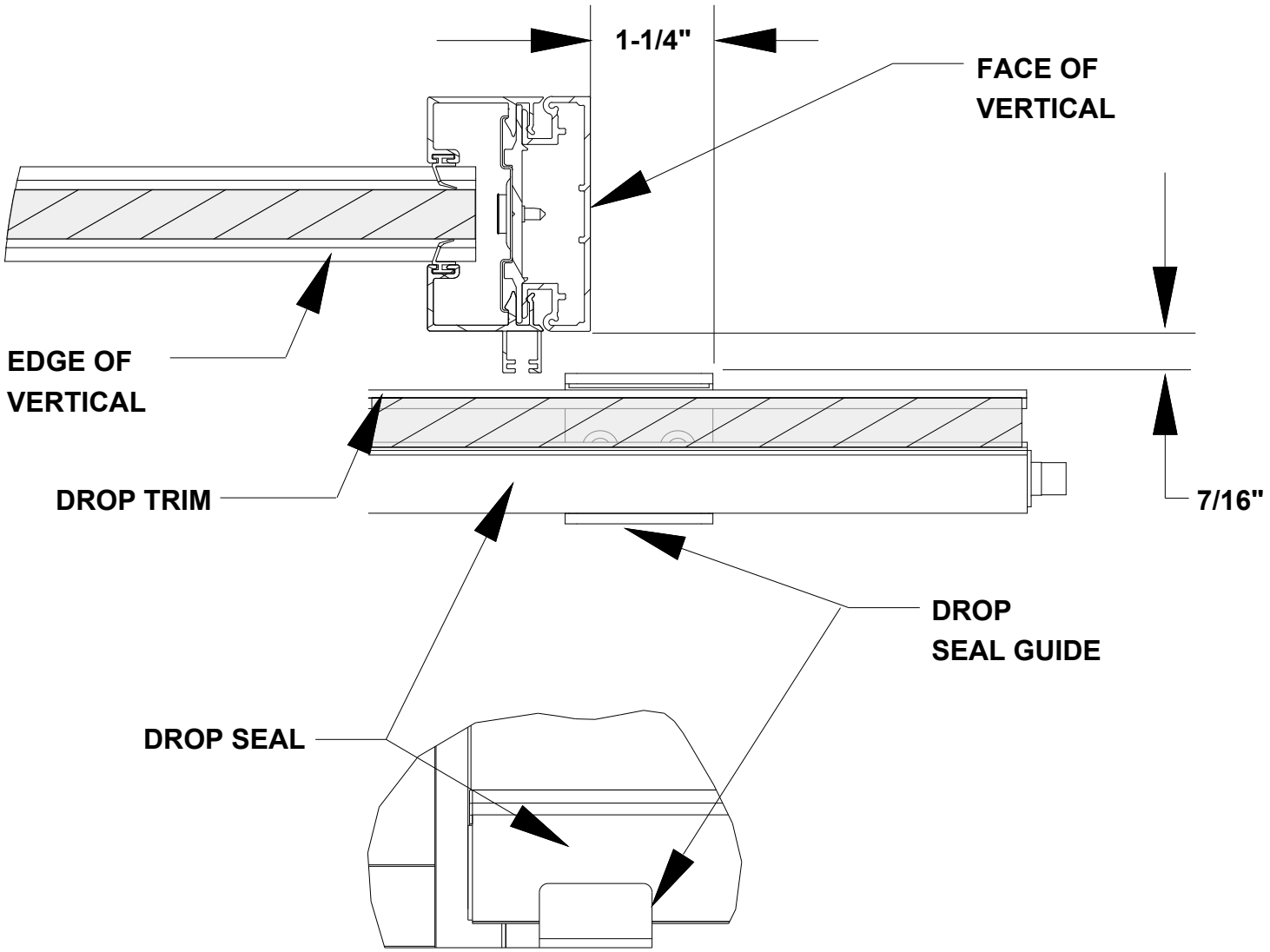
6. Remove tape adhesive liner on door trim.

7. Apply door trim visually centered over door width (7a) with 90 degree flange flush to underside of glass door (7b).

8. Secure the drop seal and door trim top the glass door by applying a roller and clamping pressure across the face of each part to ensure good adhesive bond to the glass.

9. Install cover.

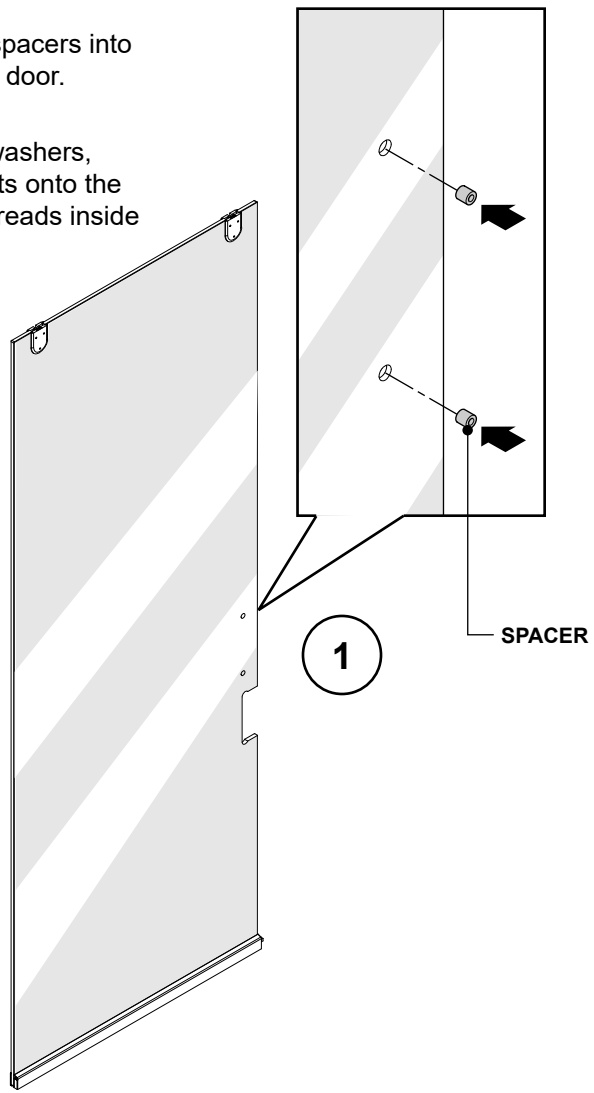


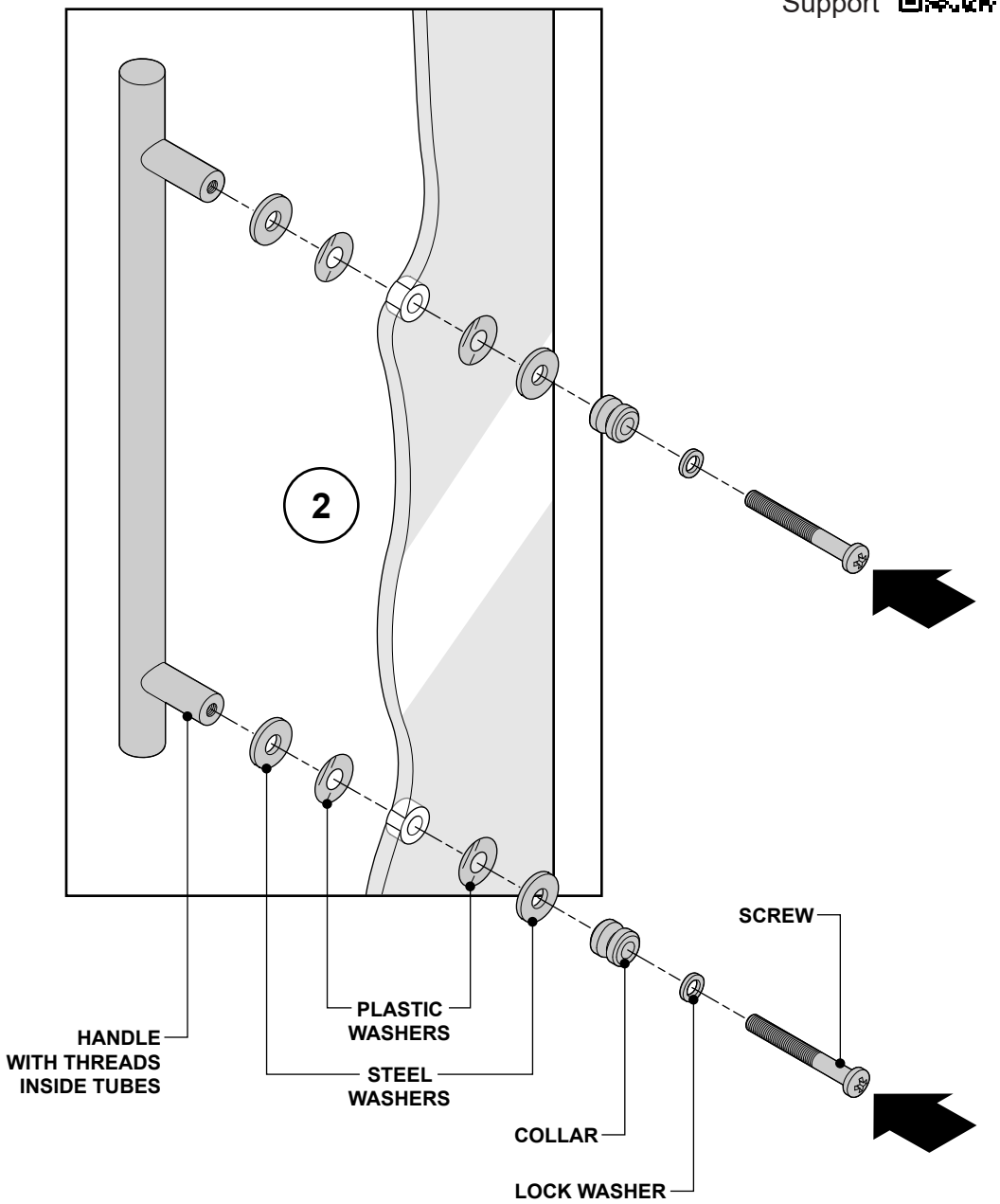

1-1/4"
FACE OF
VERTICAL
EDGE OF
VERTICAL
DROP TRIM
7/16"
DROP
SEAL GUIDE
DROP SEAL

Installing the 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.





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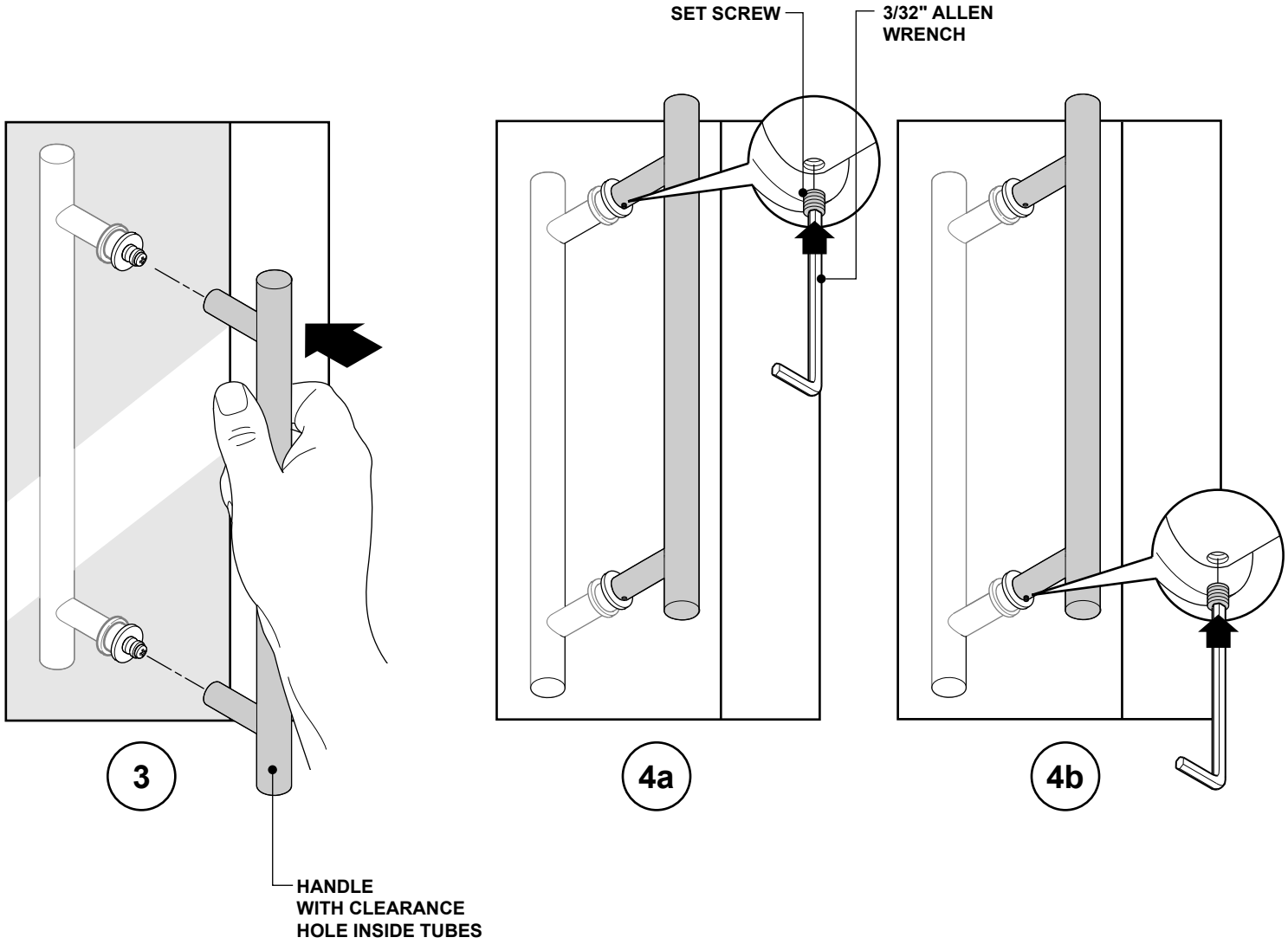
Installing the Door Handle (continued)

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.



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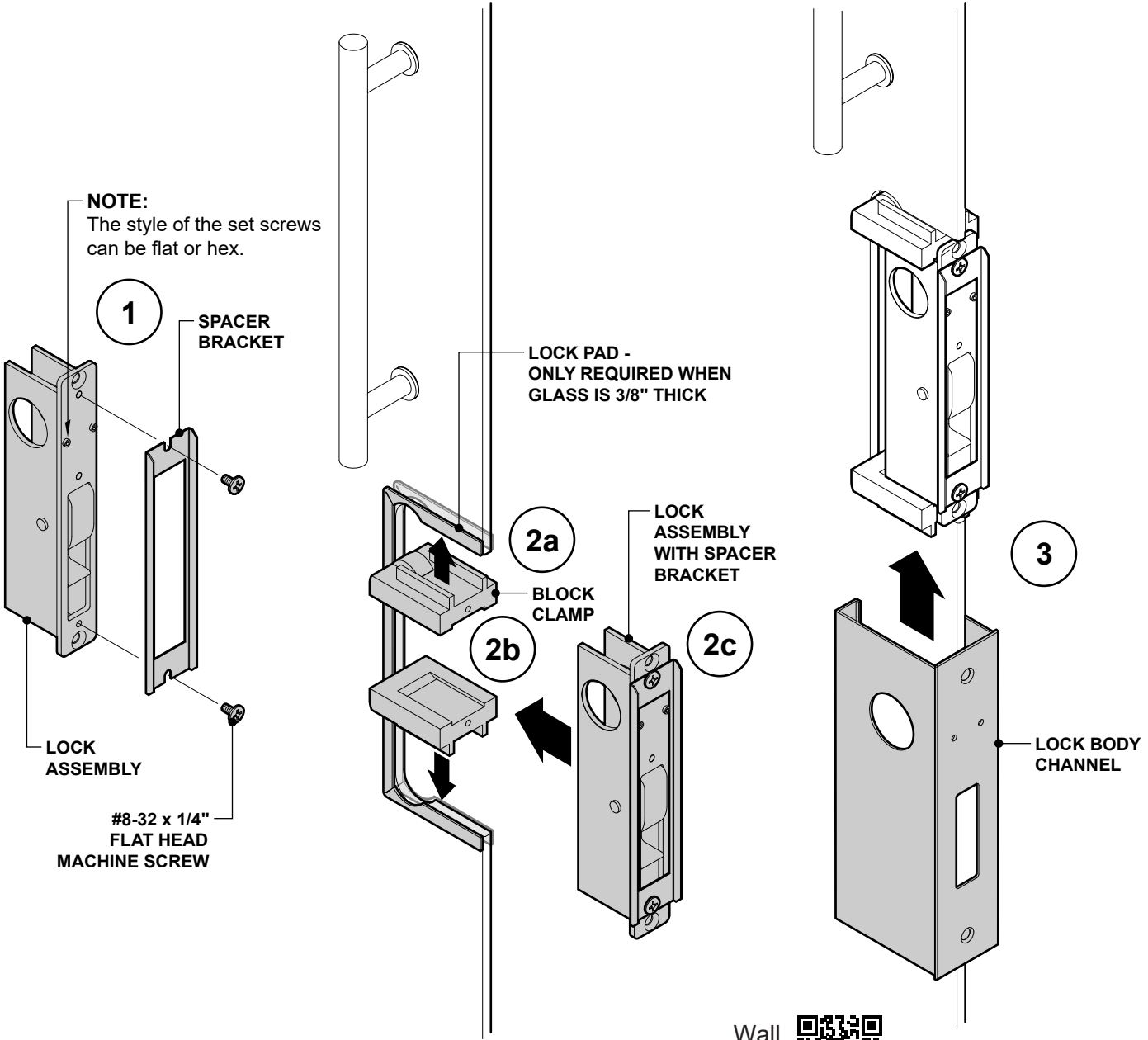
Installing the Door Lock

1. Place the spacer bracket onto the lock assembly and install two (2) #8-32 x 1/4" flat head machine screws. Take note of the style of the set screws. They can be flat or hex.

2. If the glass is 3/8" thick, apply a lock pad on each side of the glass around the glass cutout as shown (2a). Place the block clamps inside the glass cutout (2b), then slide the lock assembly with spacer bracket inside the pockets of the block clamps (2c).

3. Slide the lock body channel up over the lock assembly with spacer bracket and line up the top and bottom holes with the holes on the block clamps.



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Installing the Door Lock (continued)

4. Install two (2) #8-18 x 1" flat head tapping screws.

5. Place the 11/32" wide trim ring over the key turn mortise cylinder and install outside the office. Place the 1/4" wide trim ring over the thumb turn mortise cylinder and install inside the office. Check function of lock. Tighten the set screws to lock the cylinders in place.

6. Snap four (4) lock covers onto the top and bottom of the lock body channel.

7. Place the strike plate into the hole on the vertical strike and install two (2) #10-12 x 3/4" flat head tapping screws. Make sure seal is tucked under the strike plate at the top & bottom.