

# Groove Floor Sliding Glassboard / GRF (8' Wide)

## Installation Instructions

**NOTE:** Immediately after delivery, carefully open carton(s) and inspect for concealed damage. Save carton(s) and packing material for future use. If concealed damage is found, notify the carrier immediately to request an inspection. Failure to report shipping damage in a timely manner will result in the denial of a damage claim. Return the product to the original packaging to protect it.

**NOTE:** Failure to follow the installation instructions will void warranty. Refer to <https://ghent.com/warranties> for additional details.

**NOTE:** This installation instruction applies to both 6'H x 8'W and 8'H x 8'W Groove Floor units. The 6'H x 8'W version is shown throughout with differences noted for the 8'H x 8'W versions.

**NOTE:** Two (2) technicians are required, estimate of 4 hours installation time. A third technician is required for installation of the sliding panel.

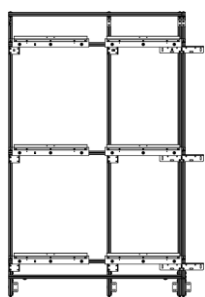
### Required Supplies (NOT PROVIDED BY GHENT):

- Obtain wall anchors and screws appropriate for the wall construction
- Masking tape or similar (refer to Step 5)
- Loctite® Medium Strength Thread Locker if top rollers need to be removed (refer to Step 10)

### Tools Needed:

- |                |   |
|----------------|---|
| - Laser Level  | - Drill Bit(s) sized for wall anchors             |
| - Level, 4'-6' | - 7/16" Open End Wrench                           |
| - Tape Measure | - 1/2" Open End Wrench (~10" Long & Thin Profile) |
| - Pencil       | - 1/8" Allen Wrench                               |
| - Step Ladder  | - 5/32" Allen Wrench (Provided)                   |
| - Mallet       | - 3/16" Allen Wrench (Provided)                   |
| - Suction Cups | - #2 Phillips Screwdriver                         |
| - Power Drill  | - Sawhorses or Sturdy Temporary Work Surface      |

### Packaging Contents:



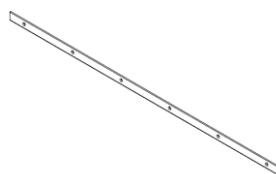
(1)

Left Frame Assembly



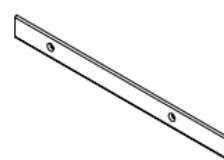
(1)

Right Frame Assembly



(2)

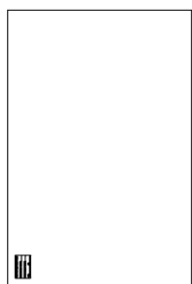
71-7/8" Long Track



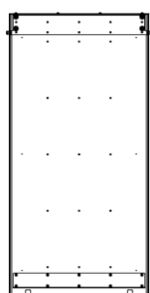
(2)

22-3/4" Long Track

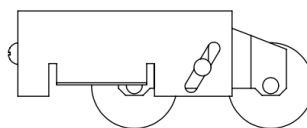
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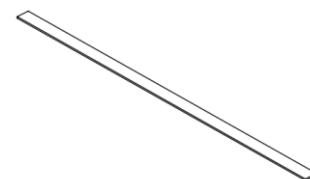
(2)  
Magnetic Glass  
Panels



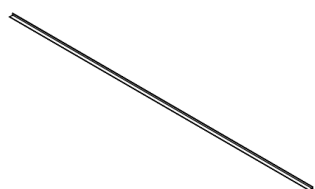
(1)  
Magnetic Slider Panel



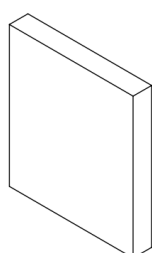
(2)  
Bottom Roller Assembly  
With Hardware



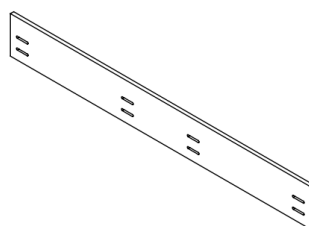
(2)  
White Fixed Glass  
Support Panels



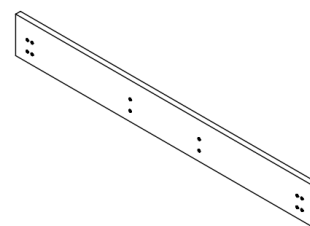
(1)  
Plastic Glass Protective  
Angle With Tape



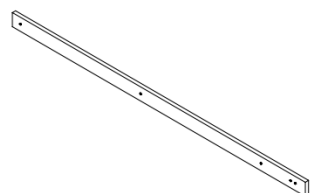
(2)  
Small Bottom Side  
Decorative Panels



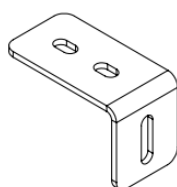
(2)  
Bottom Decorative  
Spacer Panels



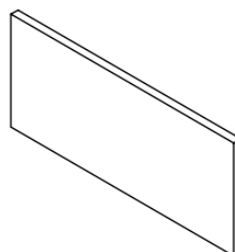
(2)  
Bottom Decorative  
Panels



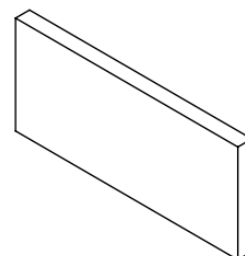
(2)  
Side Decorative  
Vertical Panels



(12) 6'H  
(16) 8'H  
Wall Mounting Brackets

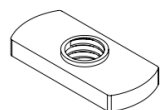


(6)  
Thin Aluminum Glass  
Shims



(6)  
Thick Aluminum Glass  
Shims

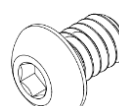
**Bag Hardware A1:**



(15)  
1/4"-20 Tee Nut



(15)  
1/4" Spring Lock  
Washer



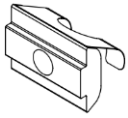
(15)  
1/4"-20x7/16" Button  
Head Cap Screw



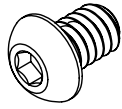
(1)  
5/32" Allen  
Wrench

## Packaging Contents (Cont'd.):

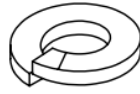
### Bag Hardware C1:



(25)  
1/4"-20 Tee  
Spring Nut



(25)  
1/4"-20x7/16"  
Button Head  
Cap Screw



(25)  
1/4" Spring  
Lock Washer



(50)  
Slotted Fender  
Washer



(1)  
5/32" Allen  
Wrench

### BAG-GRF-CAB-TR1:



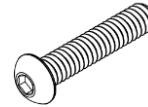
(18)  
1/4"-20 Tee Nut



(18)  
1/4"-20x1/2"  
Flat Head  
Cap Screw



(18)  
1/4"-20x9/16"  
Button Head  
Cap Screw



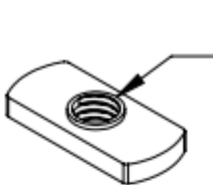
(16)  
1/4"-20x1-1/2"  
Button Head  
Cap Screw



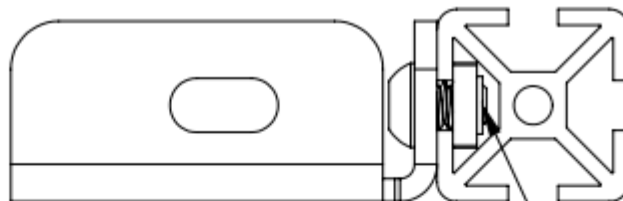
(1)  
5/32" Allen  
Wrench

**NOTE: Extra/spare fasteners are provided.**

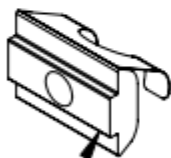
### Proper orientation of tee nuts:



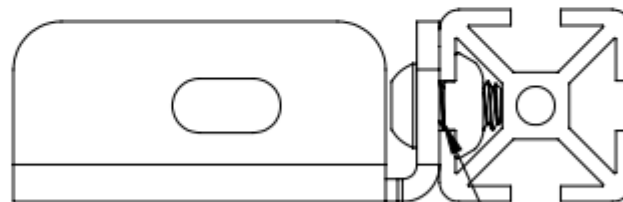
Note:  
Tee nut  
barrel



Note: Tee nut  
barrel oriented  
as shown



Note: Rib on  
tee spring nut



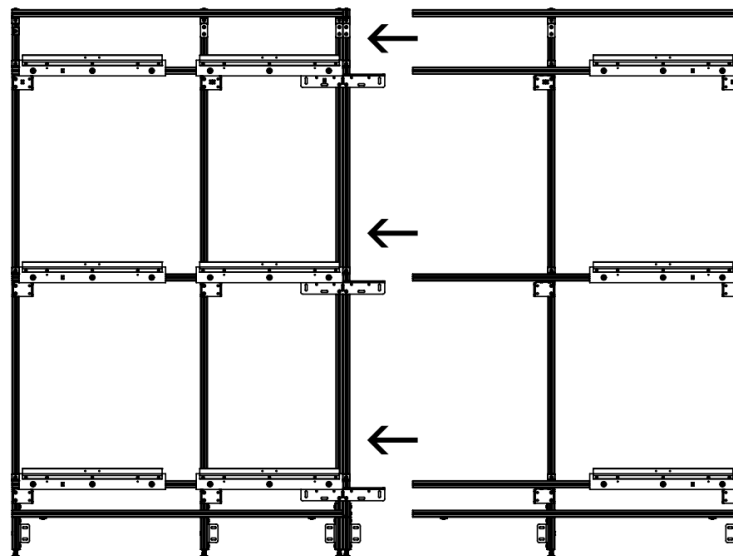
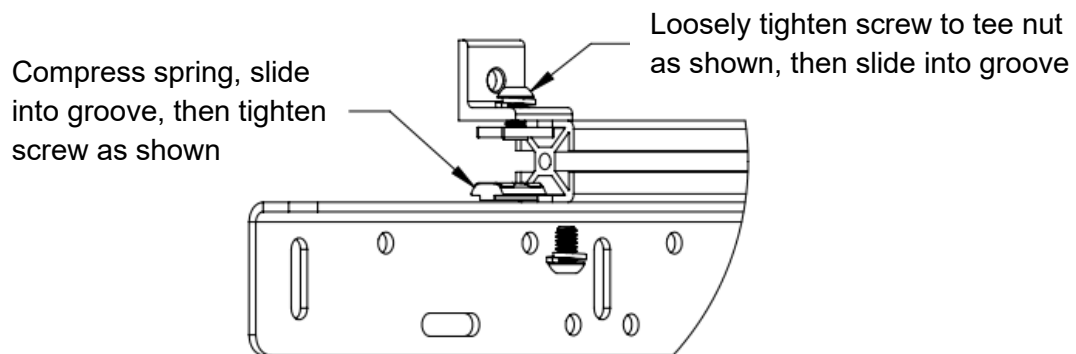
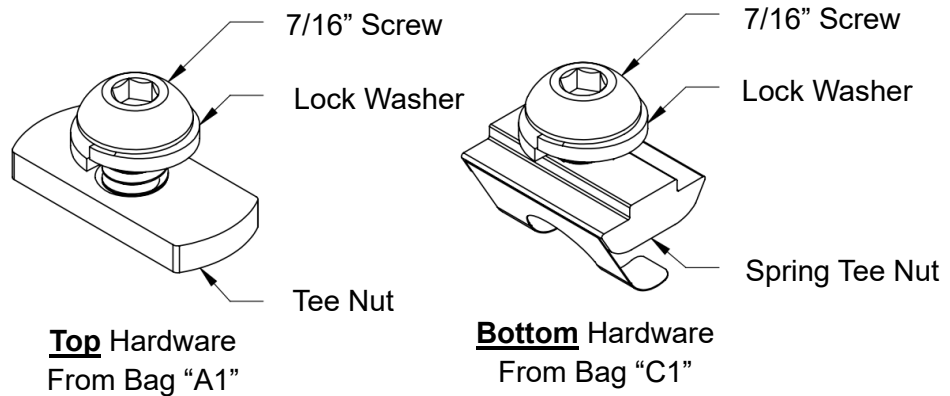
Note: Rib  
orientation  
(compress leaf  
spring and roll  
nut into groove)

## Instructions:

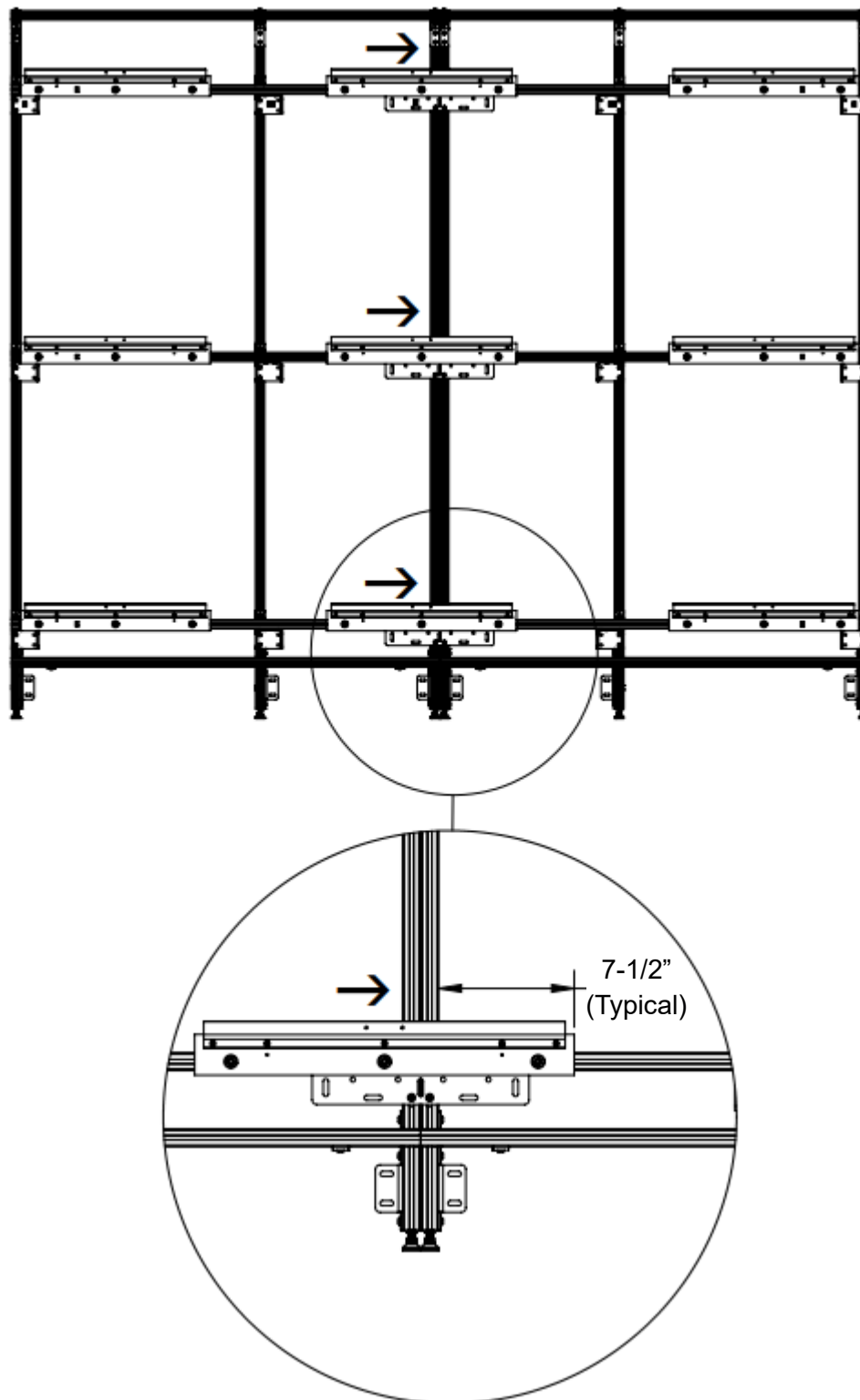
**Step 1.** Connect left and right frame assemblies together as shown. Bottom hardware goes in holes underneath joints, and top hardware goes in holes above joints.

### TIPS:

- A.) Loosely install “Top” and “Bottom” hardware
- B.) Slide Right Frame onto Left Frame
- C.) Install 1/4"-20 spring nut into grooves, slide nut to align with mounting holes, hand tighten with 1/4"-20x7/16 BHCS
- D.) Tighten all hardware.



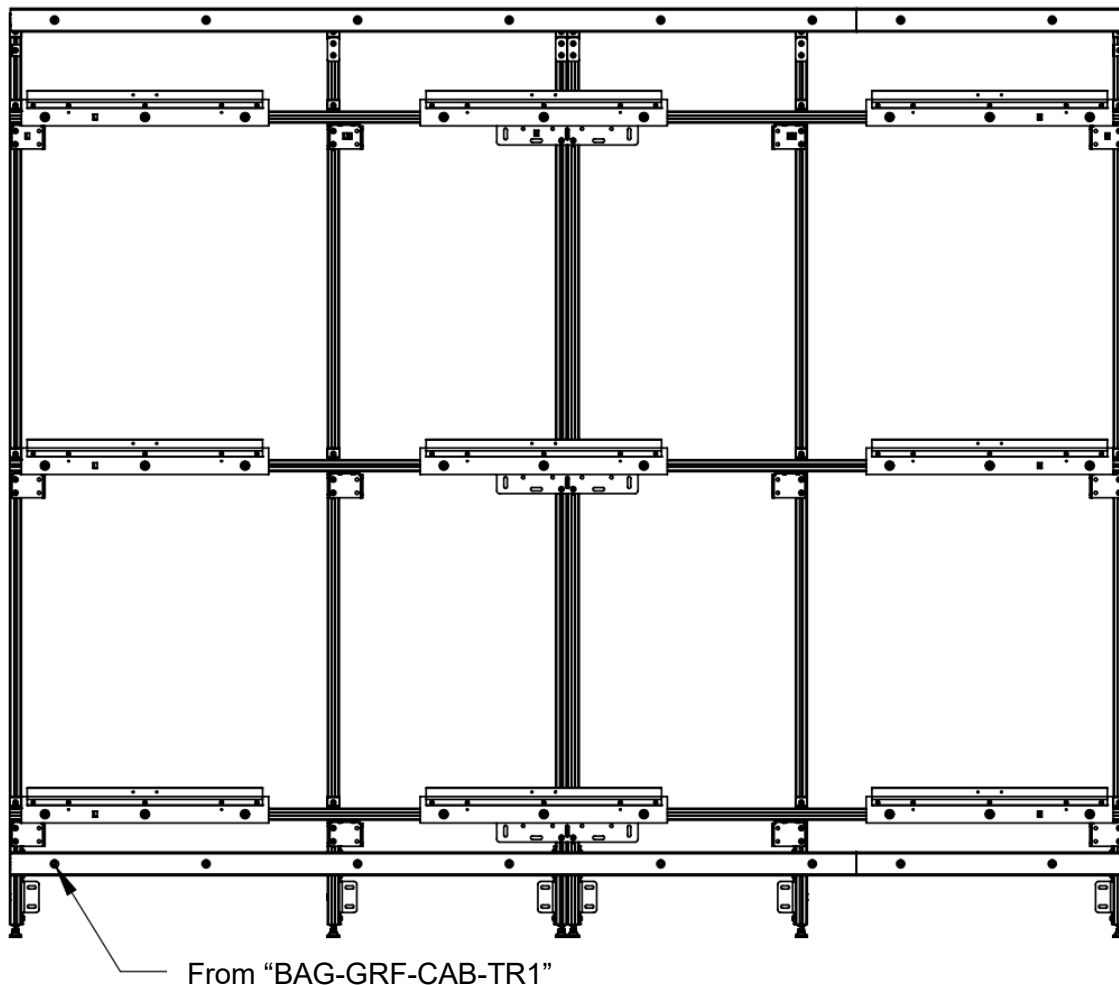
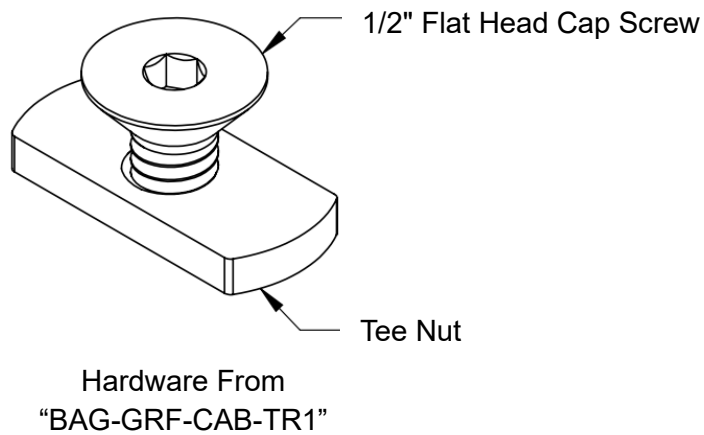
**Step 2.** Slightly loosen and slide middle fixed glass cleat brackets to dimensions shown on the vertical support as shown. Re-tighten hardware.



**Step 3.** Install top & bottom track. Tighten hardware & check squareness.

**TIPS:**

- A.) Ensure the short sections of track have the hole that is closer to the edge at the track joint.
- B.) Slide track sections onto frame, equal space on each end.
- C.) Hold track joints together and tighten screws immediately to the left & right of the track joint. Tighten remaining track screws starting at the joint proceeding to the end of each track section.

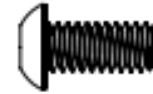


**Step 4.** Attach bottom decorative spacers and bottom panels using noted hardware.

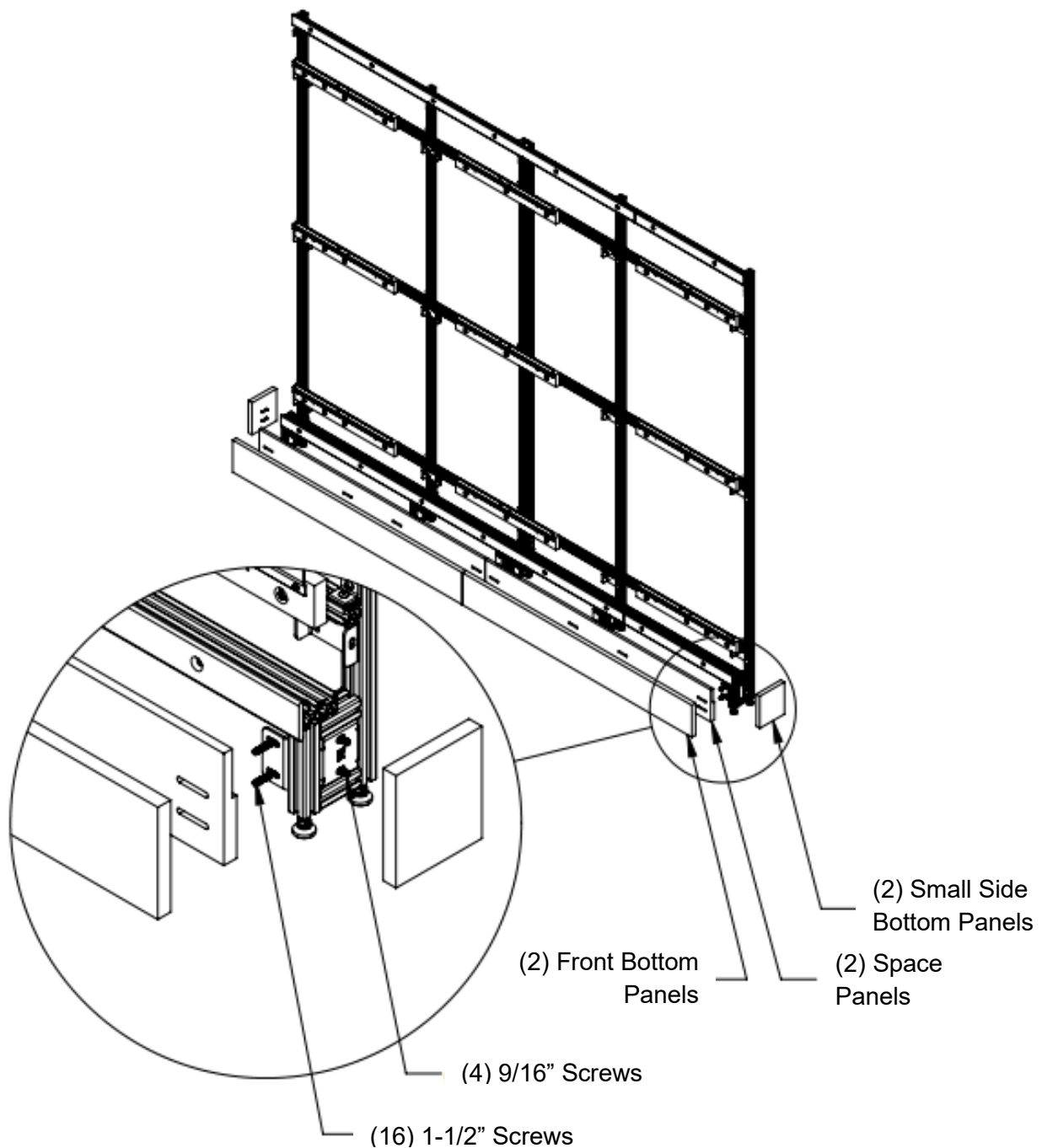
**TIP:** Initially hand tighten hardware to align panels to achieve proper panel fitment, then tighten.



1-1/2" Screw Actual Size



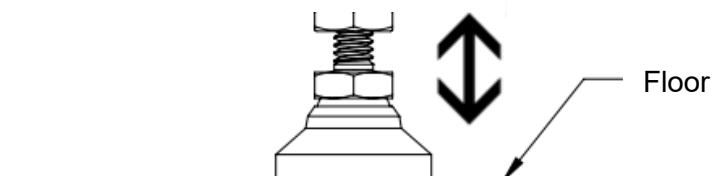
9/16" Screw Actual Size



**Step 5.** Place assembled frame unit in the desired location against the wall. **Do NOT attach frame assembly to the wall at this time.**

**NOTE:** Locate wall studs. It is best practice to attach wall mounting brackets to studs. If possible, shift the unit to attach to a stud. If studs are not available, use the appropriate wall anchors (not supplied by Ghent).

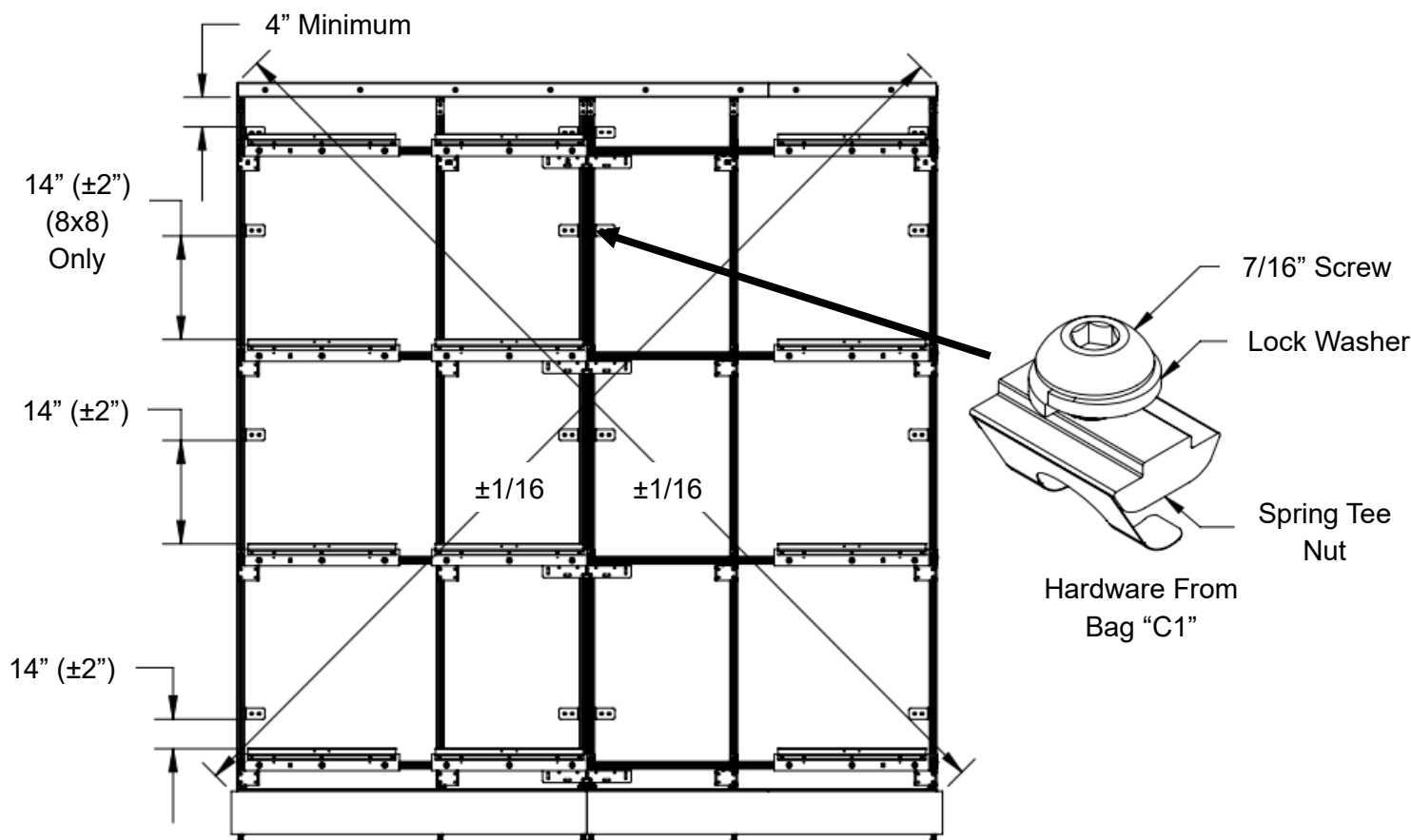
**NOTE:** Using a laser or 4'+ level, perform all foot adjustments to level the top and bottom tracks both horizontally and vertically ( $\pm 1/16$ "). Mark feet locations by applying masking tape to the floor.



**Step 6.** Attach wall mounting brackets positioned as shown below using the spring tee nuts, referencing the masking tape applied in Step 5. **REMINDER:** Attach to studs when possible.

**TIPS:**

- A.) Before and after attaching to the wall, check squareness. Horizontal and vertical ( $\pm 1/16$ "), adjust feet and wall mounting brackets
- B.) If needed, insert slotted fender washers between wall and wall attachment bracket



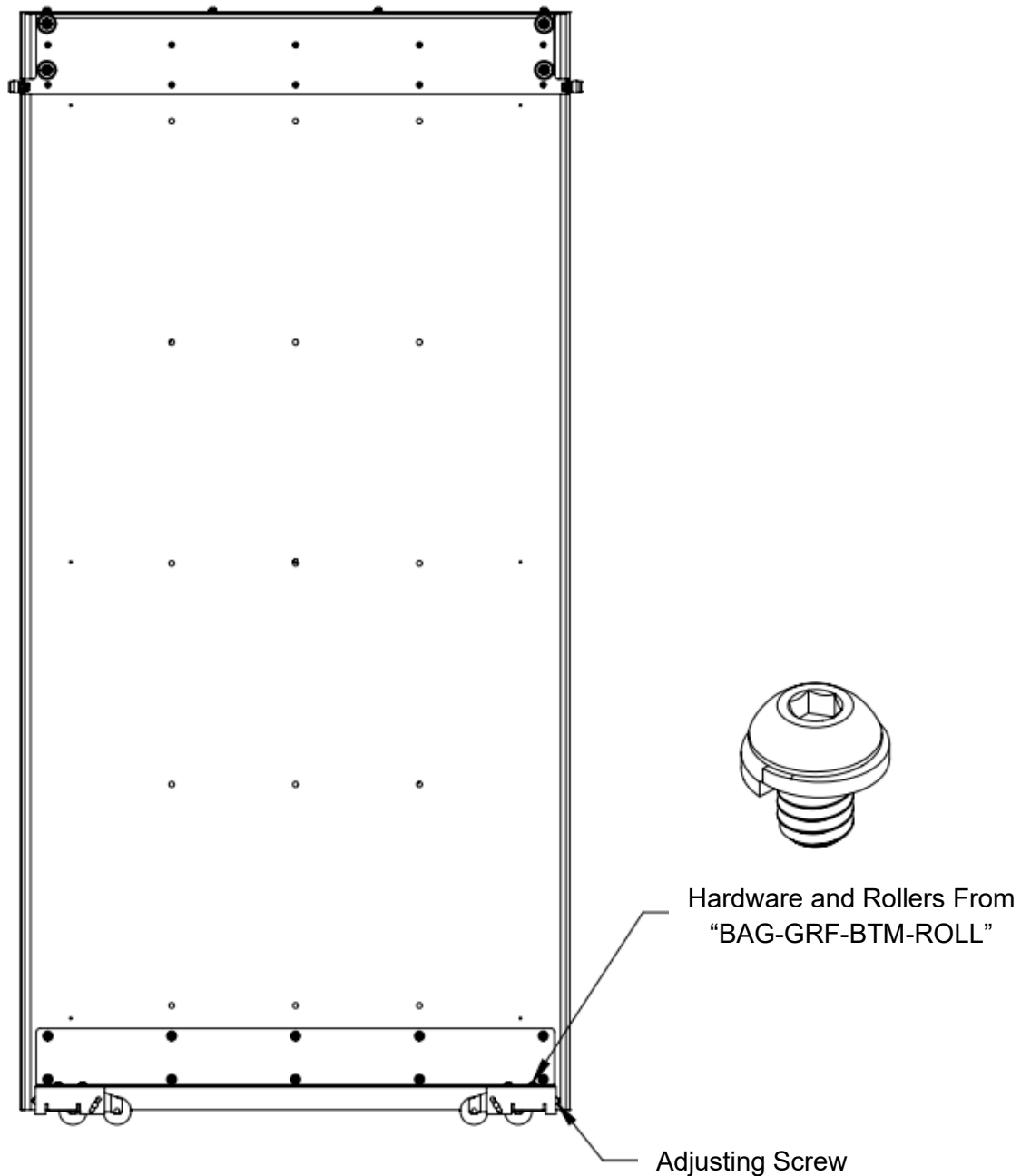
**Note: 8x8 Version Shown**



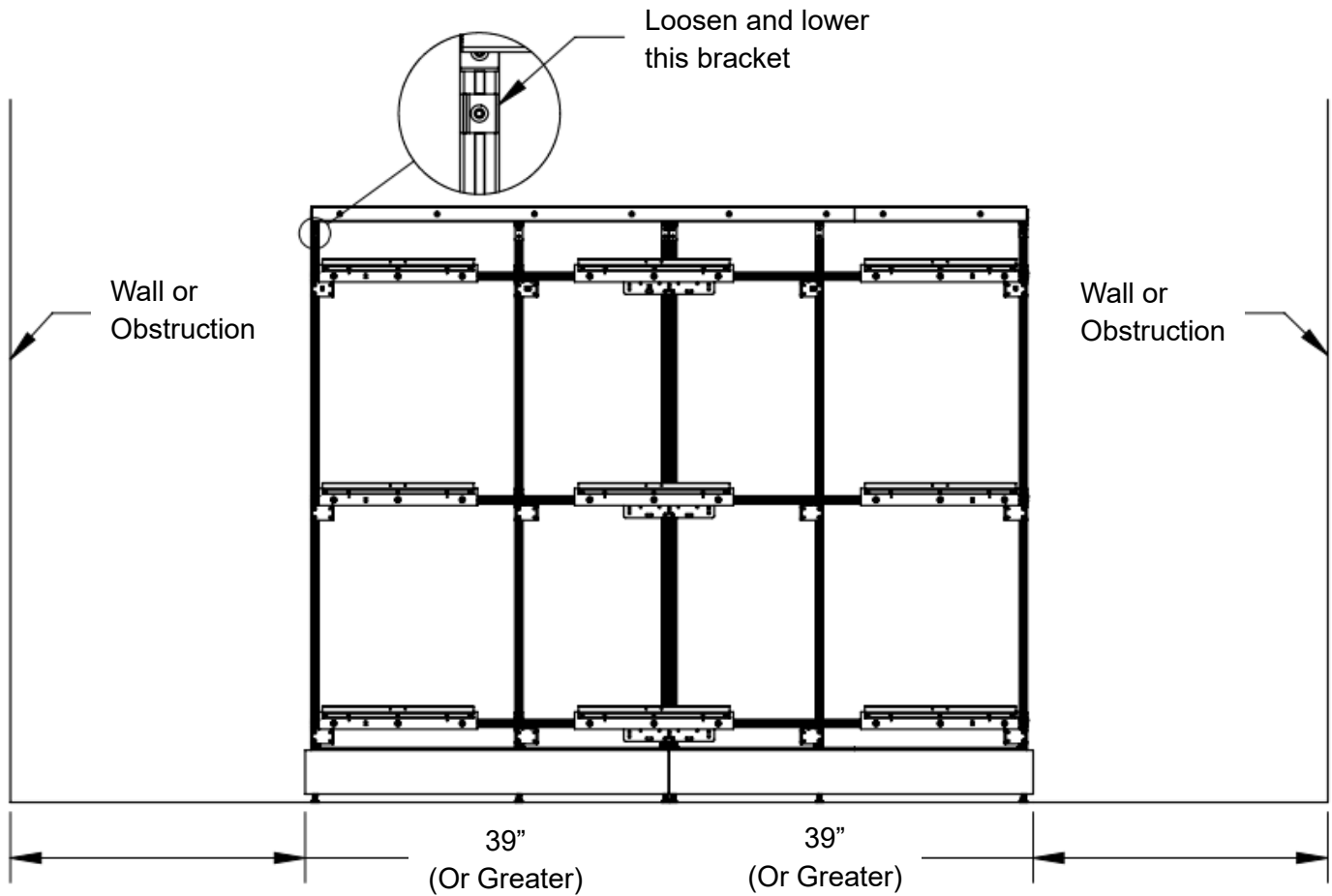
**Step 7.** Unpack the sliding panel assembly and place on a sturdy work surface with glass side down.

Install bottom rollers onto sliding panel using the provided 1/4"-20x3/8" BHCS with 1/4"-20 spring lock washer. Tighten (2) screws per bottom roller.

**TIP:** To assist with installation of the panel assembly, adjust the bottom rollers to provide the minimum roller projection. Turn the adjusting screw counterclockwise and push the rollers into the enclosure.



**Step 8.** If 39" (3'-3") of clear unobstructed space **IS** provided on either the **LEFT** or **RIGHT** side, loosen and lower one (1) angled bracket as shown to provide proper clearance to install the sliding panel. If 39" of clear space is **NOT** provided, proceed to Step 10.



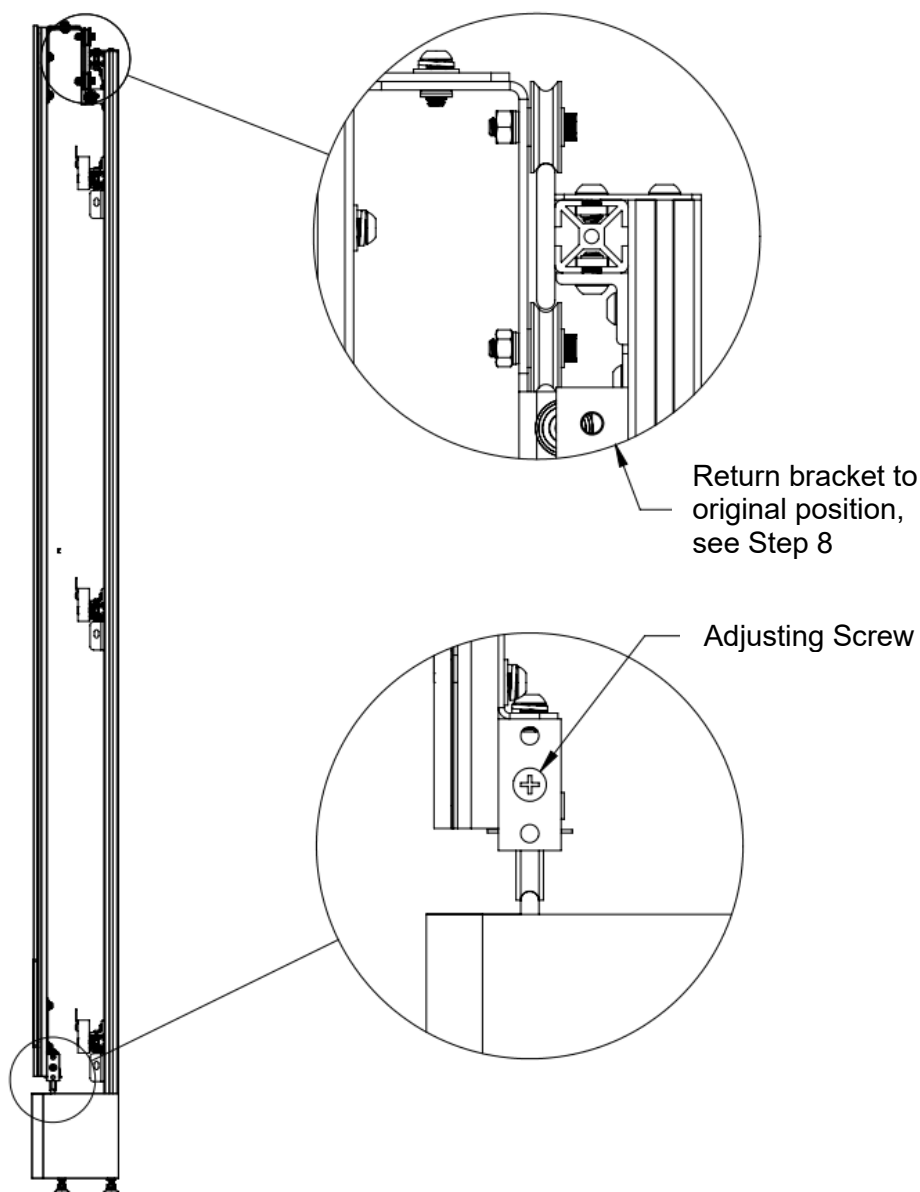
**Step 9.** Three (3) technicians are recommended **AND** 39" of clear, unobstructed space on either side.

Using glass suction cups and two (2) technicians, position the **TOP** rollers on the **TOP** track from either the **LEFT** or **RIGHT** side.

The Third technicians will align the **BOTTOM** rollers with the **BOTTOM** track. It is recommended at this time to adjust the bottom rollers for smooth operations using a #2 Phillips head screwdriver. Adjust the bottom rollers **DOWN** by turning the adjusting screw **CLOCKWISE**. Do not over tighten, adjust until smooth and quiet operation is achieved.

Return the angle bracket loosened in Step 8 to its original position.

Proceed to Step 11.



**Step 10. This step is only required when LESS than 39" of clear, unobstructed space is available on either side. Three (3) technicians are recommended for this step.**

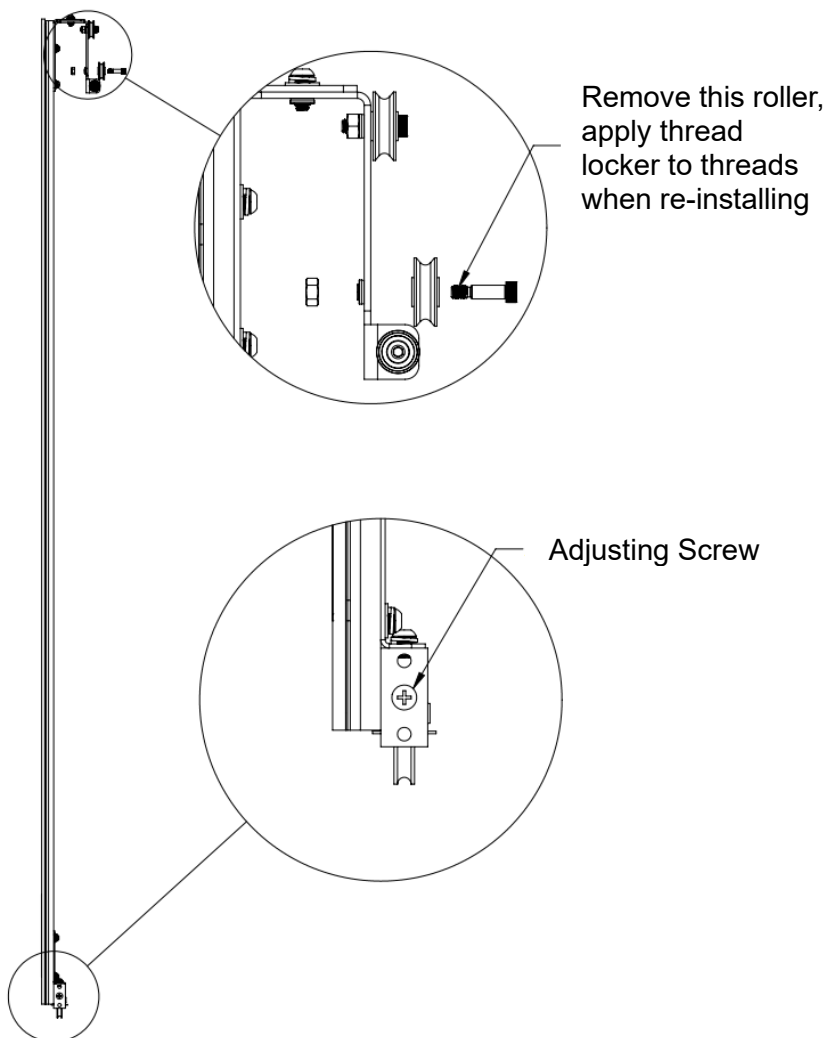
Remove **BOTTOM** two (2) rollers from the **TOP** of the sliding panel, keep all parts. Use a cloth or brass brush to remove thread locking residue from the threads.

Using glass suction cups and two (2) technicians, lift the slider to position the **TOP** rollers on the **TOP** track.

The third technicians will align the **BOTTOM** rollers with the **BOTTOM** track. Adjust the bottom rollers **DOWN** by turning the adjusting screw **CLOCKWISE** to ensure the sliding panel is resting on **BOTH** the top and bottom tracks.

Reinstall the removed **TOP** rollers. It is recommended to apply medium strength blue Loctite® thread locker (or equivalent) to the shoulder screws' threads. After the shoulder screw is installed and tightened, apply thread locker and tighten lock nut using a 1/8" Allen wrench to hold the shoulder screw stationary.

Adjust the bottom rollers turning the adjusting screw until smooth and quiet operation is obtained. Do not over tighten.

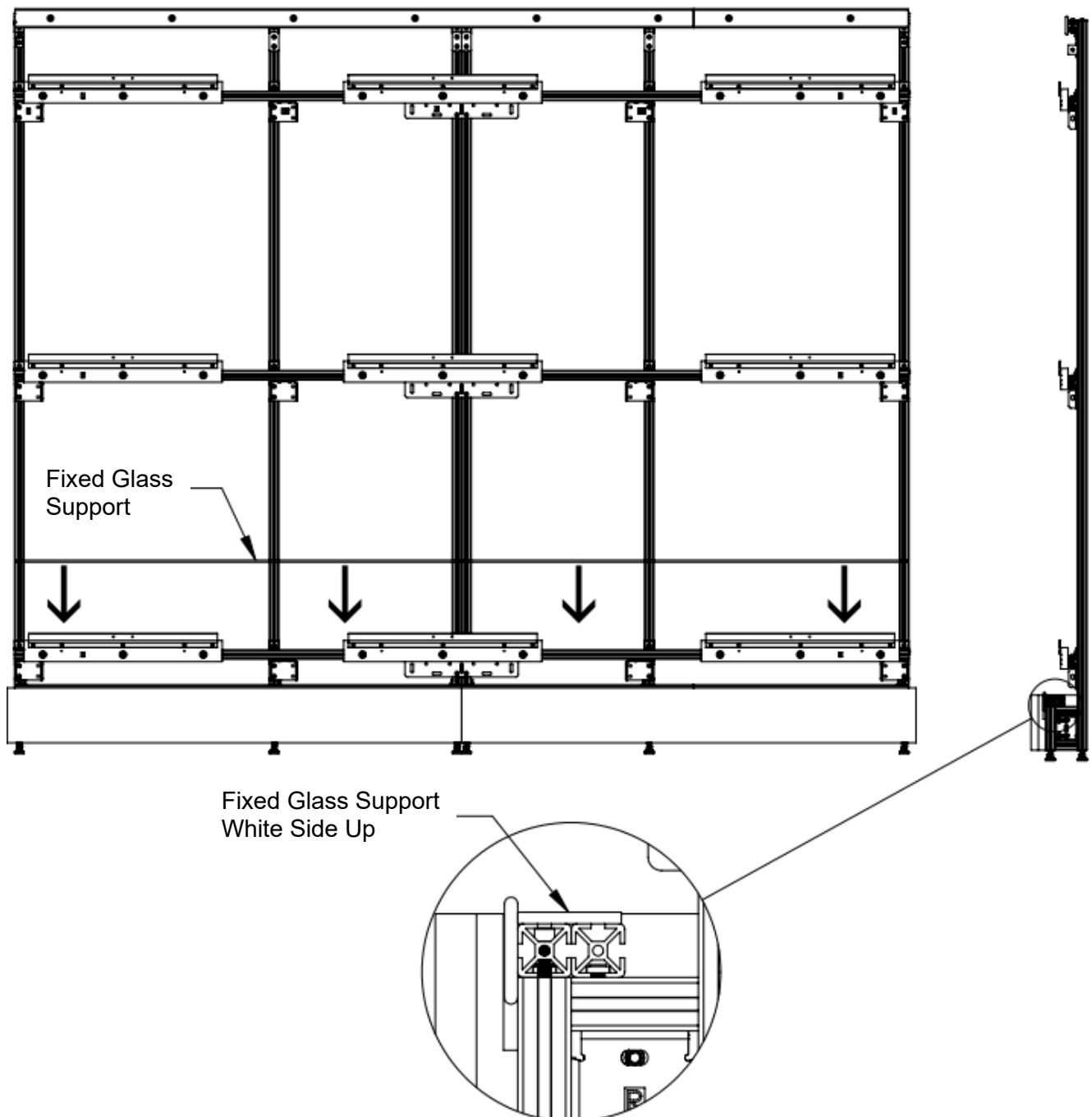


**Step 11.** Install the white 1-15/16"W x 1/4" thick fixed glass support panels using the factory applied tape to secure to the aluminum frame. Place the fixed glass support with no gap between the back of the track, with the white side up.

**NOTE:** The slider is hidden for visual clarity.

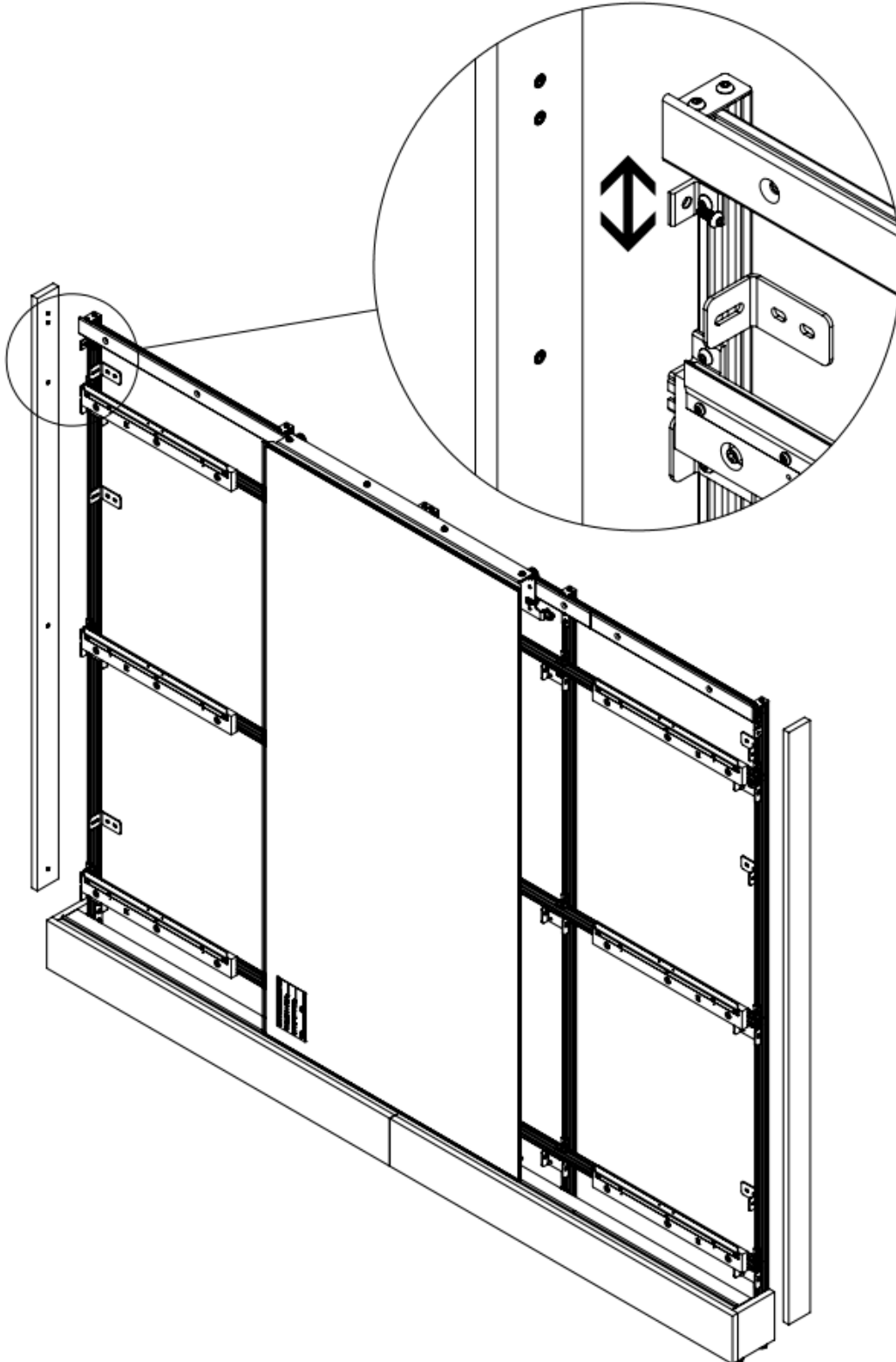
**TIPS:**

- A.) Dust off the aluminum supports with a clean towel.
- B.) Butt the ends of the panels together, aligning at the center of the frame assembly.

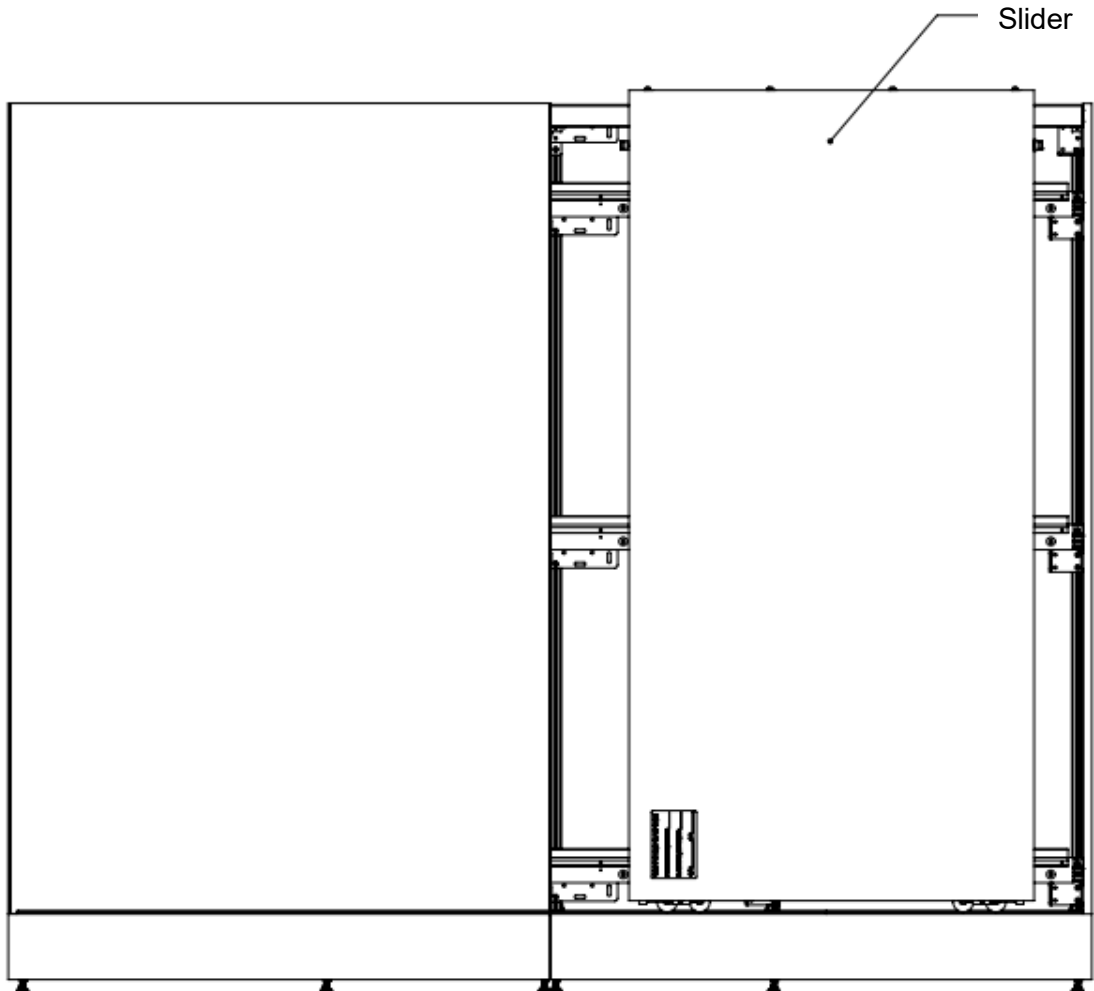


**Step 12.** Install the vertical side HPL panels using the provided 9/16" screws.

**TIP:** Re-adjustment of the top bracket may be required to ensure a tight hairline joint with the bottom side panel(s).

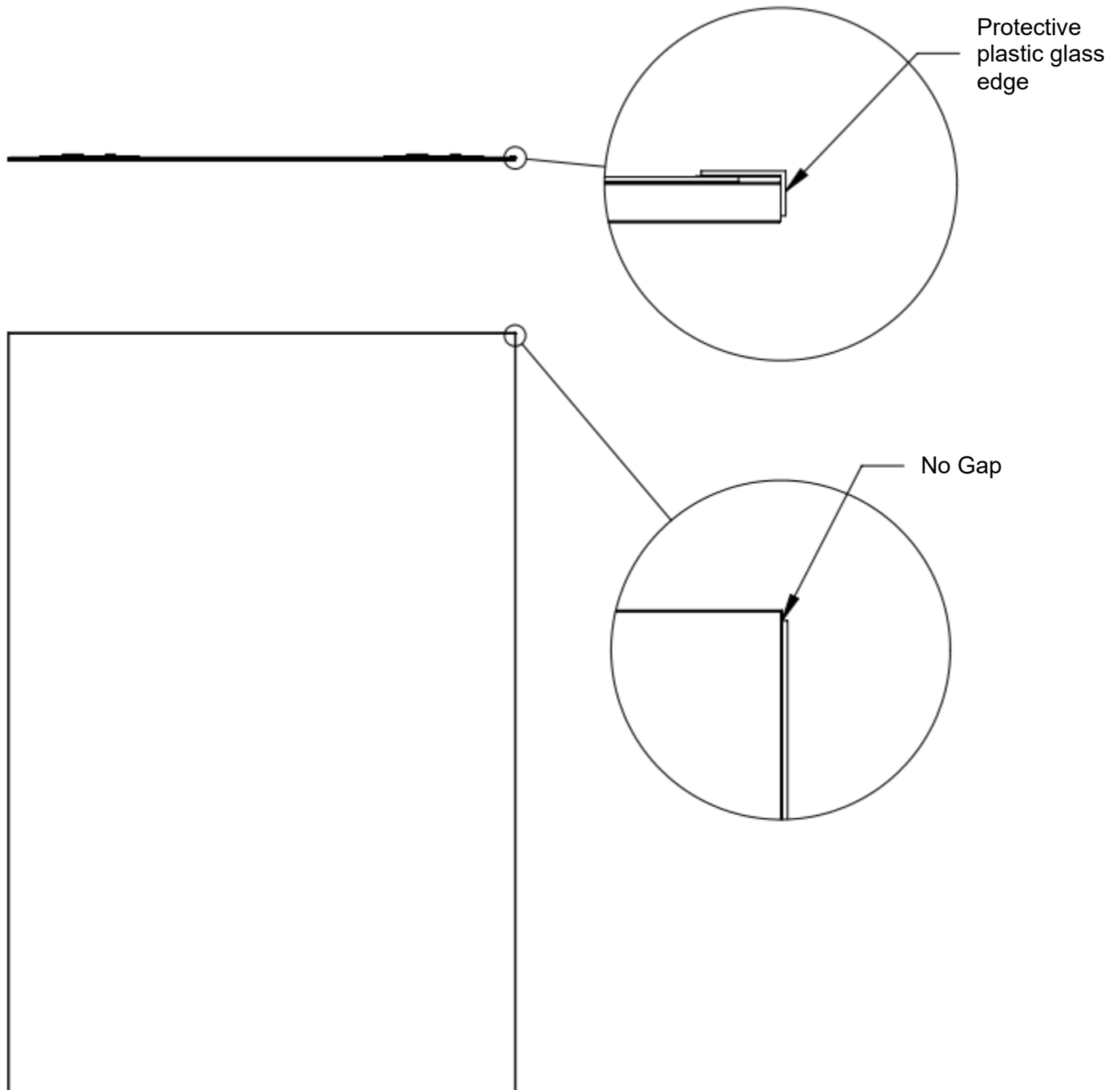


**Step 13.** Two (2) technicians are recommended for this step. Using suction cups, attach (1) fixed glass panel to the frame's French cleats.



**Step 14.** Attach the protective plastic glass angle to the installed fixed glass by peeling the double-sided tape's exposed liner, then affix the tape to the back side of the glass.

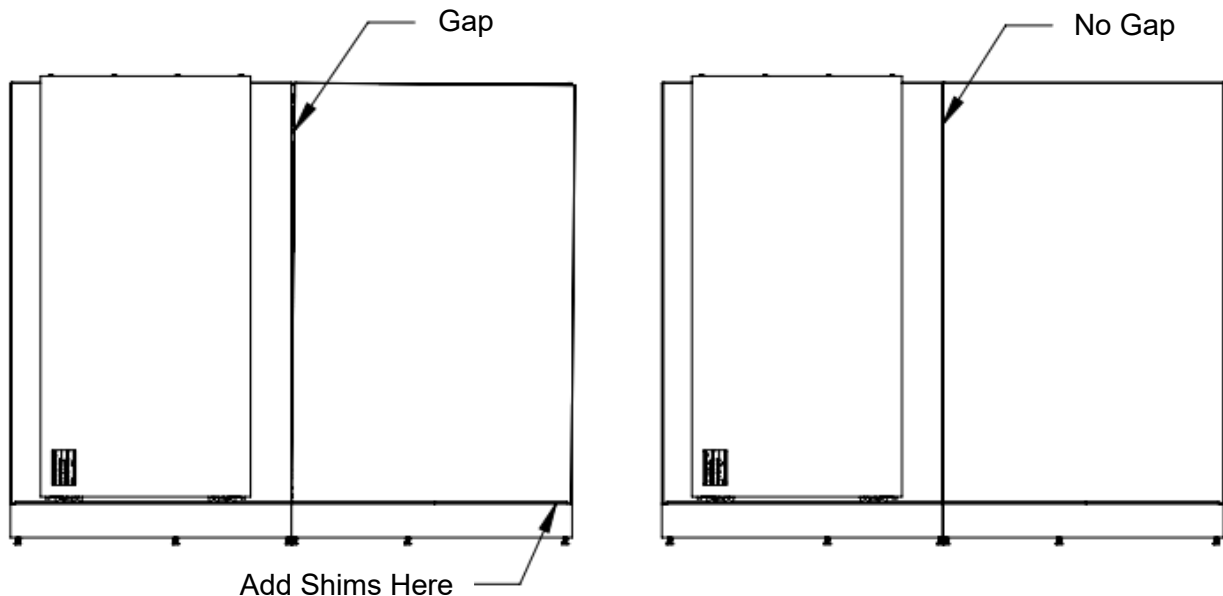
**TIP:** Use a clean towel to wipe any residue off the back side and edge of the glass.





**Step 15.** Two (2) technicians are recommended for this step. Using suction cups, attach the remaining fixed glass panel(s) to the frame's French cleats and butt against the protective glass angle.

**TIP:** After attaching the fixed glass panels, use provided aluminum shims to create a hairline joint between the glass panels and protective plastic angle.



**Step 16.** Install the provided accessory marker holder to either the sliding panel assembly or adjacent wall as directed by the customer. Refer to the instructions provided with the marker holder.

**Step 17.** Remove any production labels from glass.

**Step 18.** Recycle all packaging material in accordance with local regulations.

# Groove Floor Sliding Glassboard / GRF (12' Wide)

## Installation Instructions

**NOTE:** Immediately after delivery, carefully open carton(s) and inspect for concealed damage. Save carton(s) and packing material for future use. If concealed damage is found, notify the carrier immediately to request an inspection. Failure to report shipping damage in a timely manner will result in the denial of a damage claim. Return the product to the original packaging to protect it.

**NOTE:** Failure to follow the installation instructions will void warranty. Refer to <https://ghent.com/warranties> for additional details.

**NOTE:** This installation instruction applies to both 6'H x 12'W and 8'H x 12'W Groove Floor units. The 6'H x 12'W version is shown throughout the instructions.

**NOTE:** Two (2) technicians are required, estimate of 5 hours installation time. A third technician is required for installation of the sliding panel.

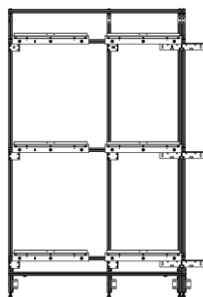
### Required Supplies (NOT PROVIDED BY GHENT):

- Obtain wall anchors and screws appropriate for the wall construction
- Masking tape or similar (refer to Step 5)
- Loctite® Medium Strength Thread Locker if top rollers need to be removed (refer to Step 10)

### Tools Needed:

- |                |   |
|----------------|---|
| - Laser Level  | - Drill Bit(s) sized for wall anchors             |
| - Level, 4'-6' | - 7/16" Open End Wrench                           |
| - Tape Measure | - 1/2" Open End Wrench (~10" Long & Thin Profile) |
| - Pencil       | - 1/8" Allen Wrench                               |
| - Step Ladder  | - 5/32" Allen Wrench (Provided)                   |
| - Mallet       | - 3/16" Allen Wrench (Provided)                   |
| - Suction Cups | - #2 Phillips Screwdriver                         |
| - Power Drill  | - Sawhorses or Sturdy Temporary Work Surface      |

### Packaging Contents:



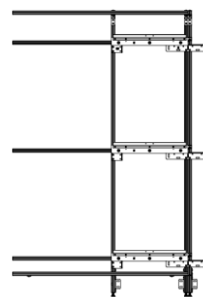
(1)

Left Frame Assembly



(1)

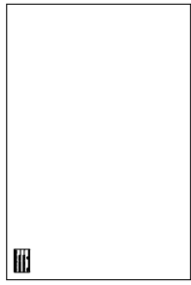
Right Frame Assembly



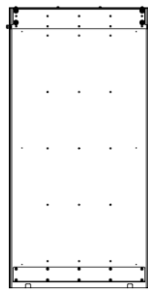
(1)

Middle Frame Assembly

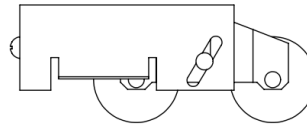
**Packaging Contents (Cont'd.):**



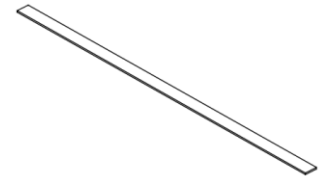
(3)  
Magnetic Glass  
Panels



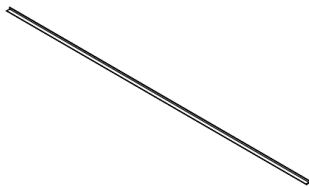
(1)  
Magnetic Slider Panel



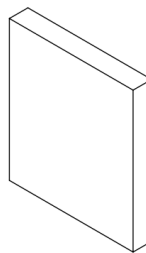
(2)  
Bottom Roller Assembly  
With Hardware



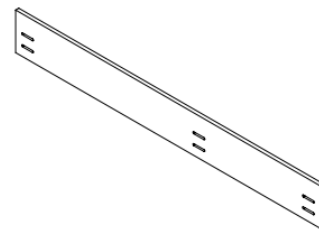
(2)  
White Fixed Glass  
Support Panels



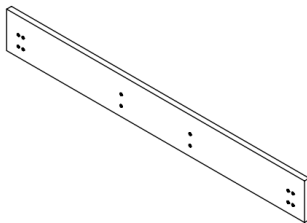
(2)  
Plastic Glass Protective  
Angle With Tape



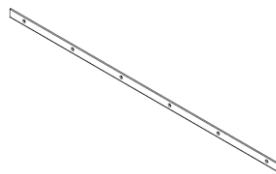
(2)  
Small Bottom Side  
Decorative Panels



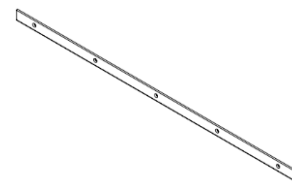
(2)  
Bottom Decorative  
Spacer Panels



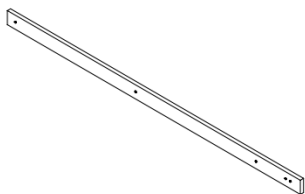
(2)  
Bottom Decorative  
Panels



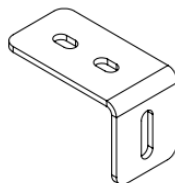
(2)  
71-7/8" Long Track



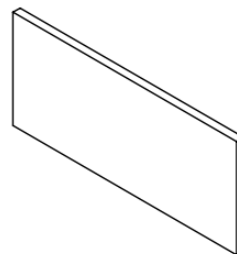
(4)  
35-3/8" Long Track



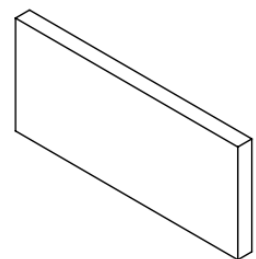
(2)  
Side Decorative  
Vertical Panels



(15) 6'H  
(20) 8'H  
Wall Mounting Brackets



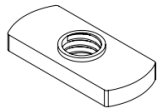
(9)  
Thin Aluminum Glass  
Shims



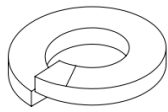
(9)  
Thick Aluminum Glass  
Shims

## Packaging Contents (Cont'd.):

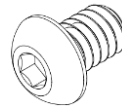
### Bag Hardware A2:



(30)  
1/4"-20 Tee Nut



(30)  
1/4" Spring  
Lock Washer

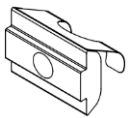


(30)  
1/4"-20x7/16" Button  
Head Cap Screw

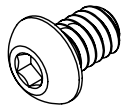


(1)  
5/32" Allen  
Wrench

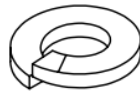
### Bag Hardware C2:



(50)  
1/4"-20 Tee  
Spring Nut



(50)  
1/4"-20x7/16"  
Button Head  
Cap Screw



(50)  
1/4" Spring  
Lock Washer



(75)  
Slotted Fender  
Washer



(1)  
5/32" Allen  
Wrench

### BAG-GRF-CAB-TR2:



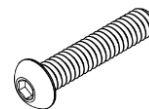
(32)  
1/4"-20 Tee Nut



(32)  
1/4"-20x1/2"  
Flat Head  
Cap Screw



(18)  
1/4"-20x9/16"  
Button Head  
Cap Screw



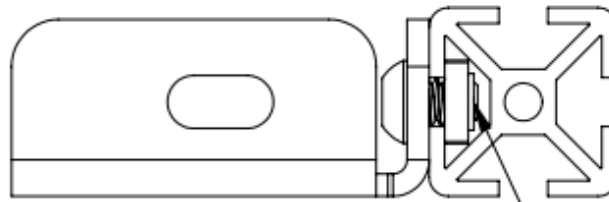
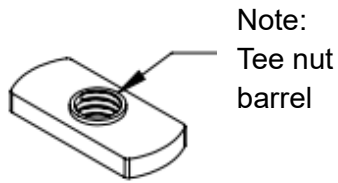
(32)  
1/4"-20x1-1/4"  
Button Head  
Cap Screw



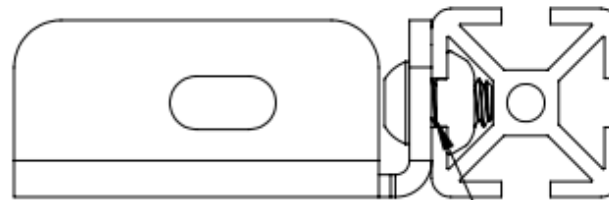
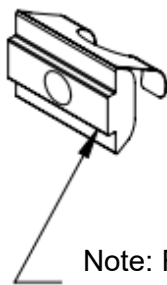
(1)  
5/32" Allen  
Wrench

**NOTE: Extra/spare fasteners are provided.**

**Proper orientation of tee nuts:**



Note: Tee nut barrel oriented as shown



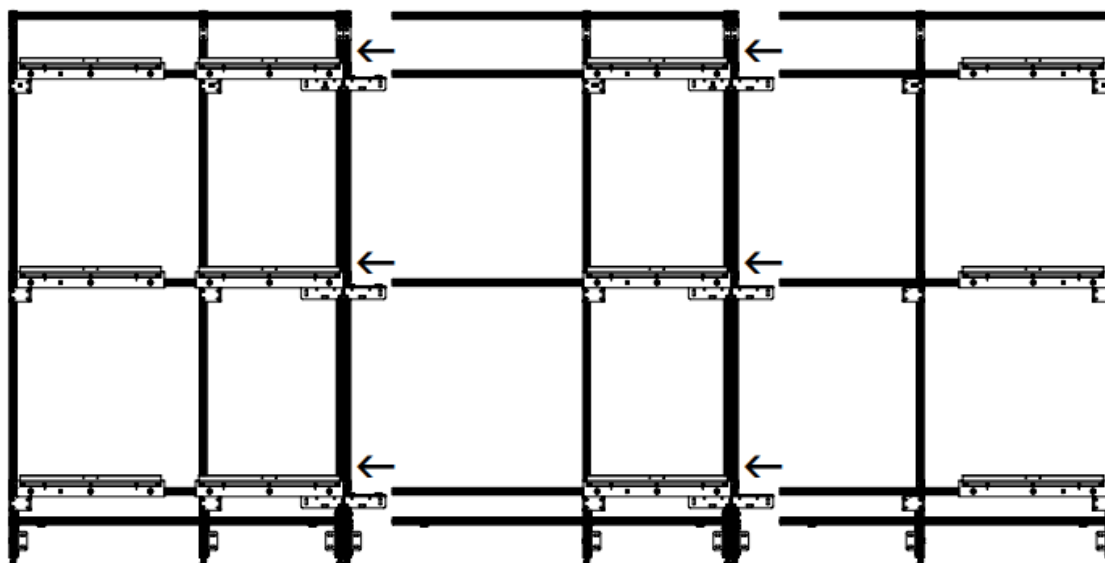
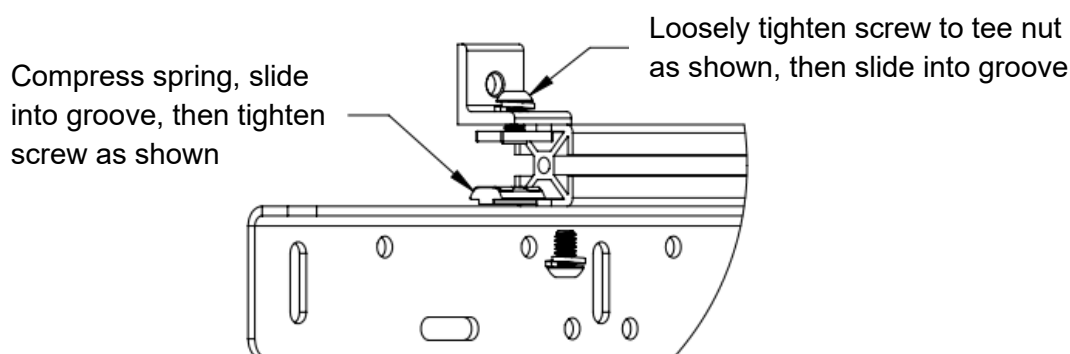
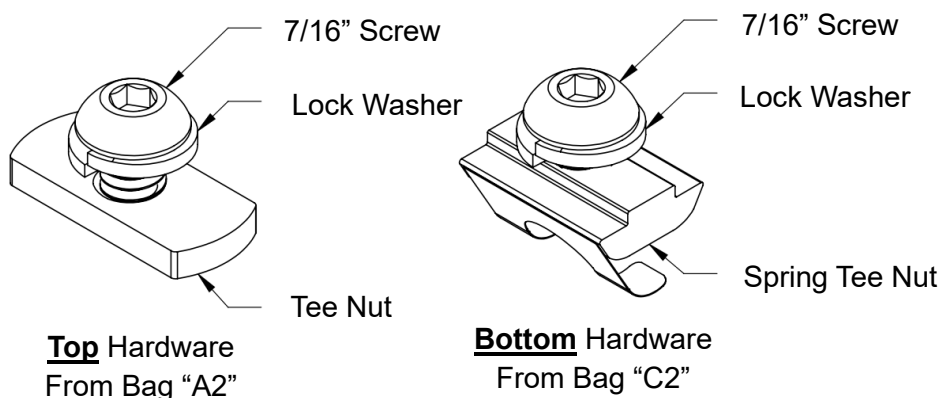
Note: Rib orientation (compress leaf spring and roll nut into groove)

## Instructions:

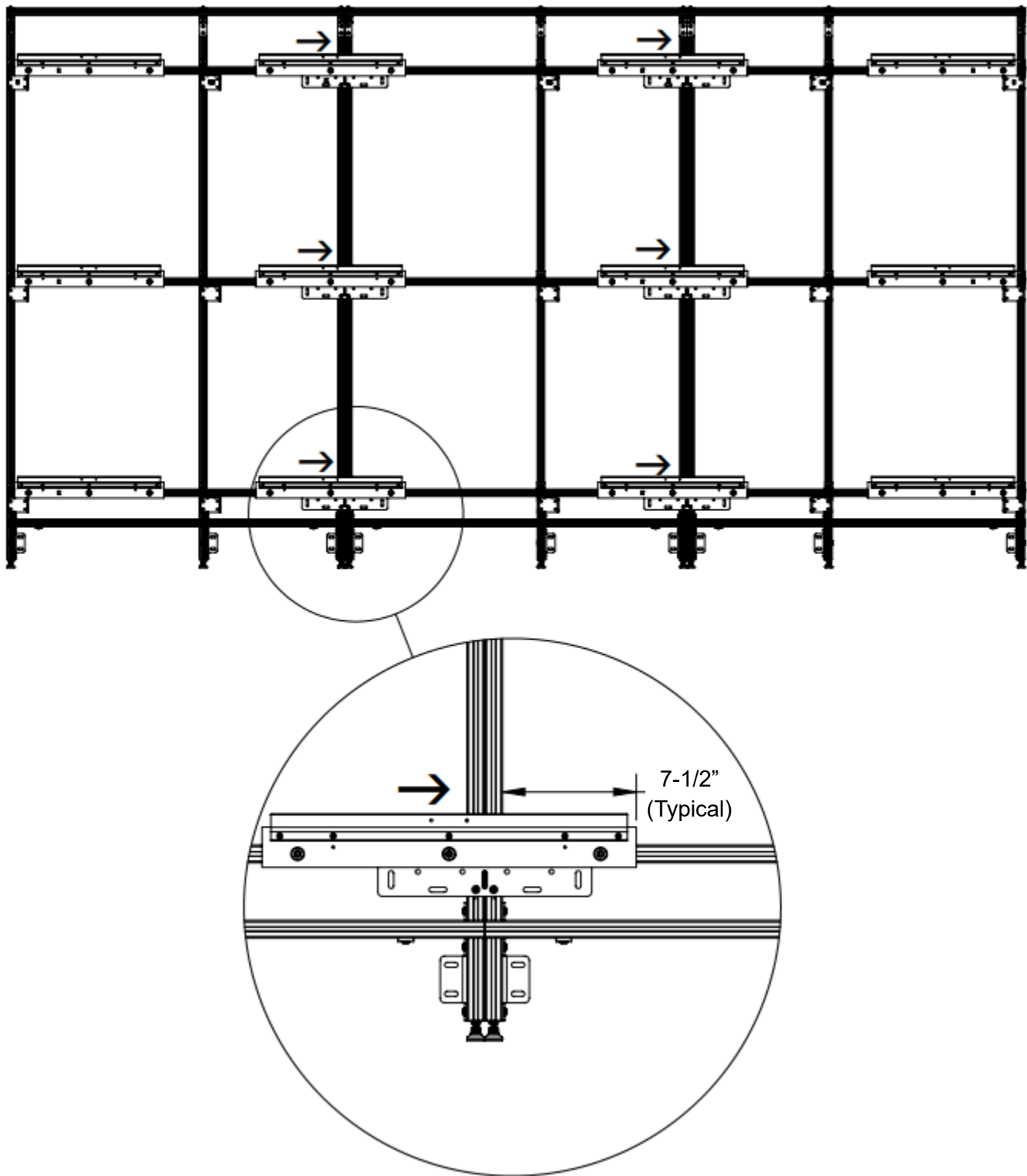
**Step 1.** Starting from left to right, connect the left, middle, and right frame assemblies together as shown.

### TIPS:

- A.) Loosely install "Top" hardware
- B.) Slide Right Frame onto Left Frame
- C.) Install 1/4"-20 spring nut into bottom grooves, slide nut to align with mounting hole, hand tighten with 1/4"-20x7/16 BHCS
- D.) Tighten all hardware.



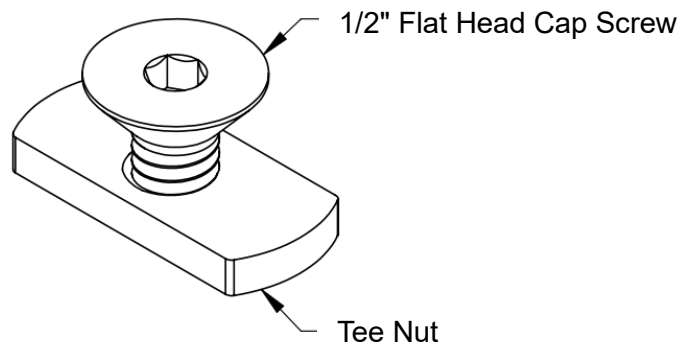
**Step 2.** Slightly loosen and slide middle fixed glass cleat brackets to dimensions shown on the vertical support as shown. Re-tighten hardware.



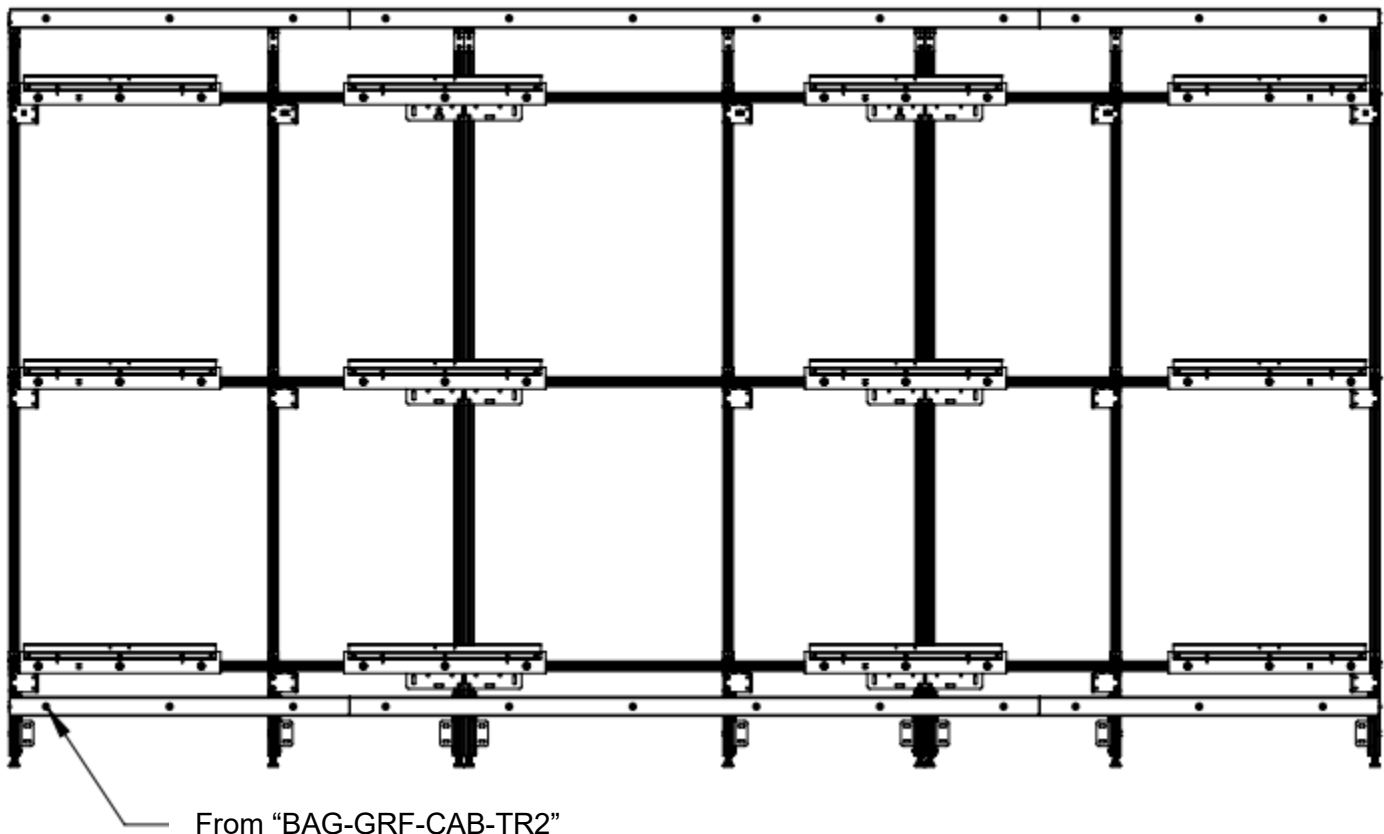
**Step 3.** Install top & bottom track. Tighten hardware & check squareness.

**TIPS:**

- A.) Ensure the short sections of track have the hole that is closer to the edge at the track joint.
- B.) Slide track sections onto frame, equal space on each end.
- C.) Hold track joints together and tighten screws immediately to the left & right of the track joint. Tighten remaining track screws starting at the joint proceeding to the end of each track section.



Hardware From  
"BAG-GRF-CAB-TR2"



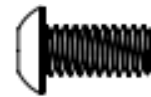


**Step 4.** Attach bottom decorative spacers and bottom panels using noted hardware.

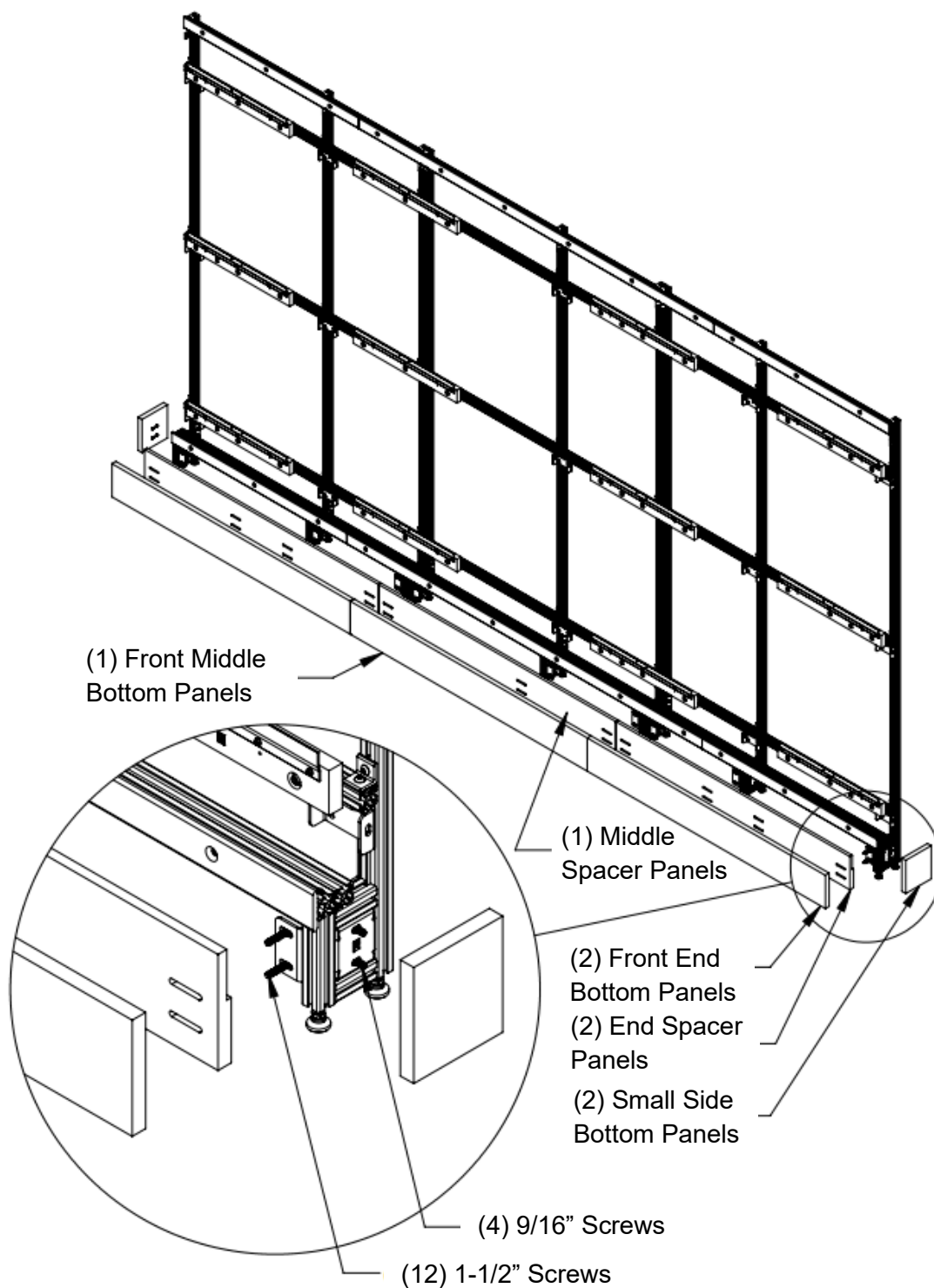
**TIP:** Initially hand tighten hardware to align panels to achieve proper panel fitment, then tighten.



1-1/2" Screw Actual Size



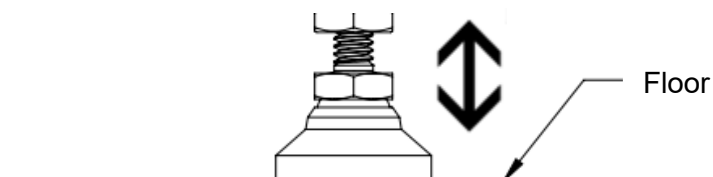
9/16" Screw Actual Size



**Step 5.** Place assembled frame unit in the desired location against the wall. **Do NOT attach frame assembly to the wall at this time.**

**NOTE:** Locate wall studs. It is best practice to attach wall mounting brackets to studs. If possible, shift the unit to attach to a stud. If studs are not available, use the appropriate wall anchors (not supplied by Ghent).

**NOTE:** Using a laser or 4'+ level, perform all foot adjustments to level the top and bottom tracks both horizontally and vertically ( $\pm 1/16"$ ). Mark feet locations by applying masking tape to the floor.

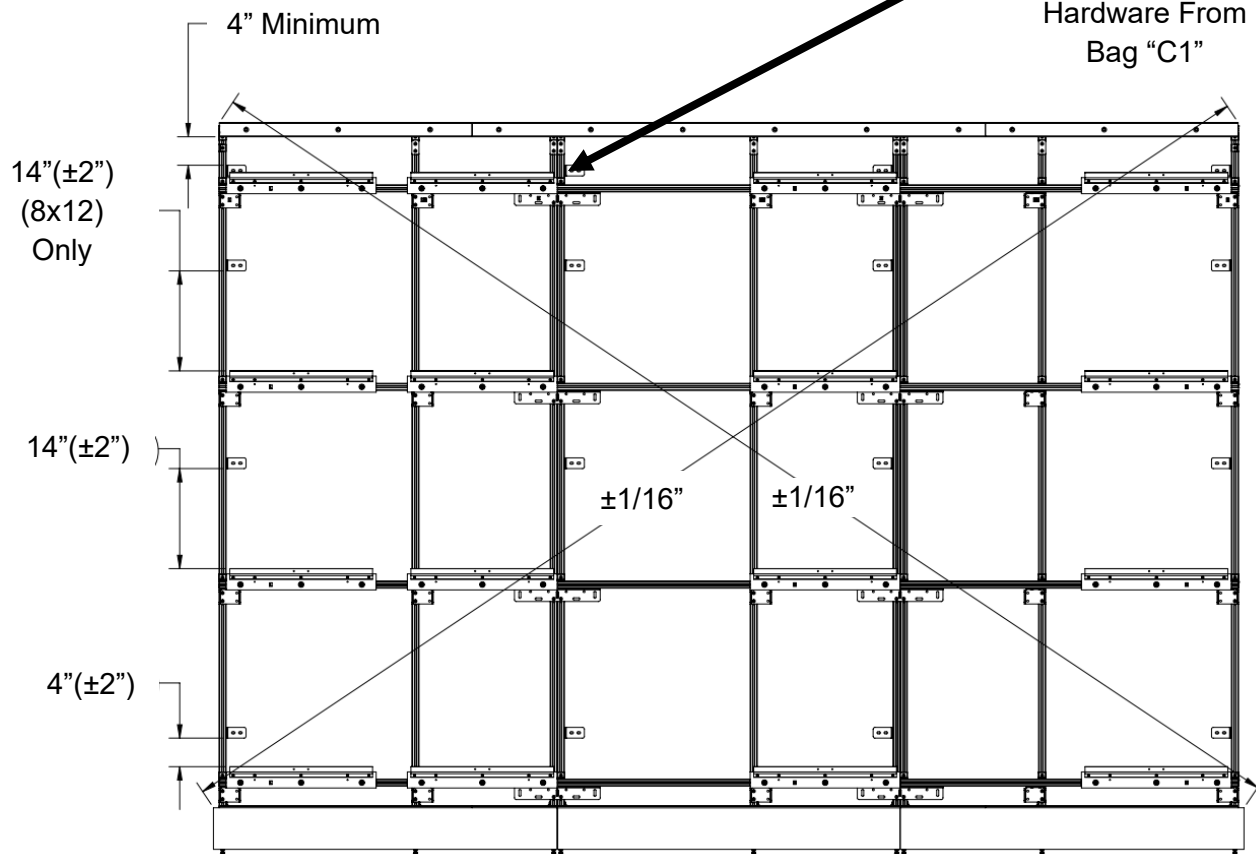
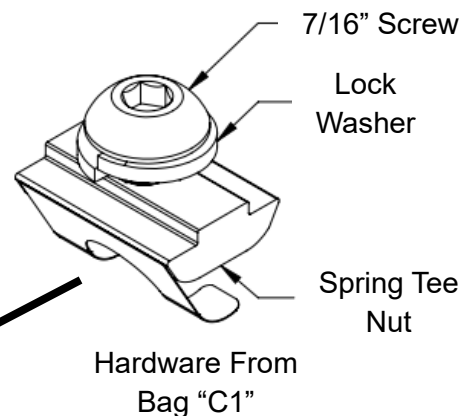


**Step 6.** Attach wall mounting brackets positioned as shown below using the spring tee nuts, referencing the masking tape applied in Step 5.

**REMINDER:** Attach to studs when possible.

**TIPS:**

- A.) Before and after attaching to the wall, check squareness. Horizontal and vertical ( $\pm 1/16"$ ), adjust feet and wall mounting brackets
- B.) If needed, insert slotted fender washers between wall and wall attachment bracket

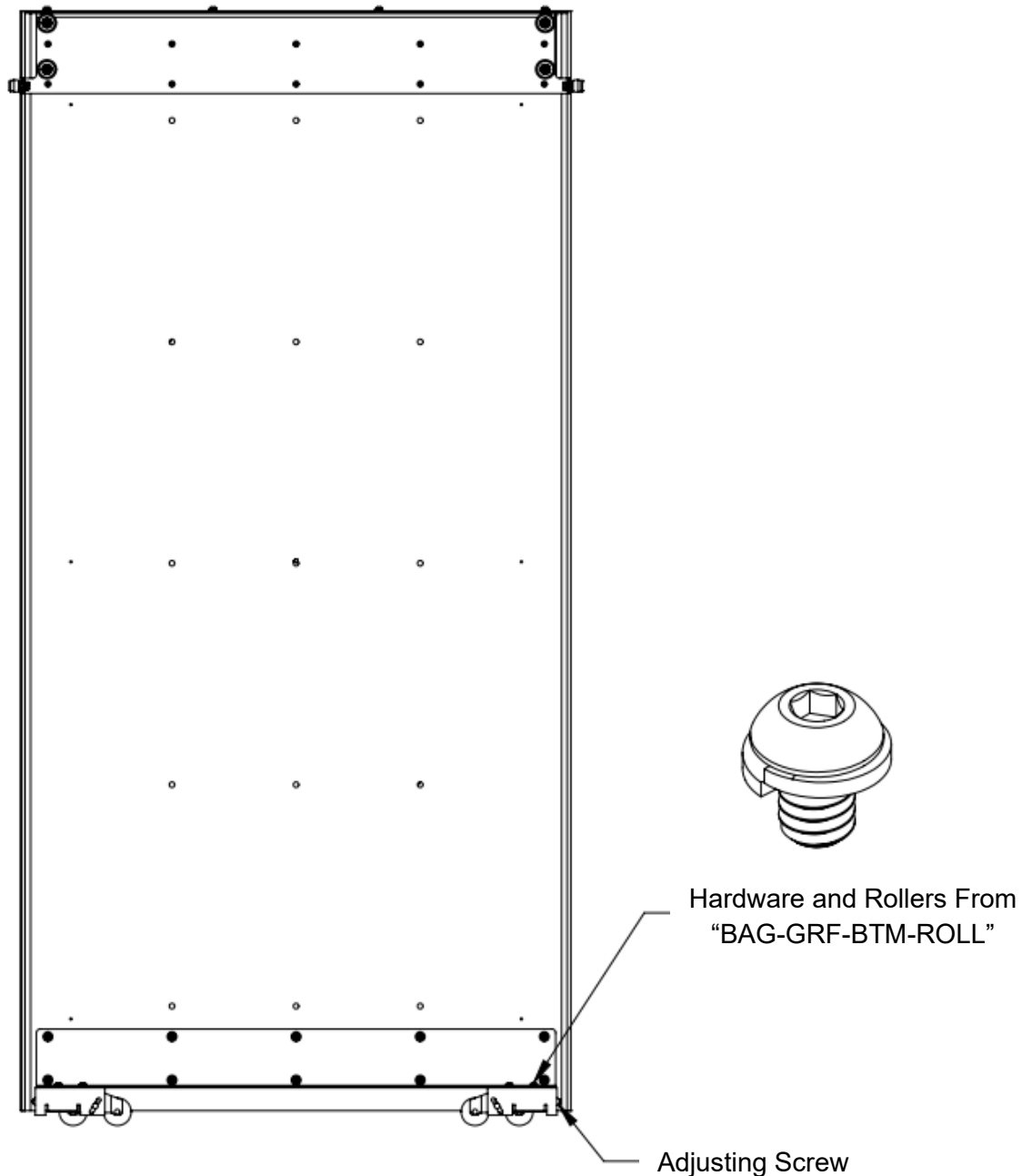


**Note: 8x12 Version Shown**

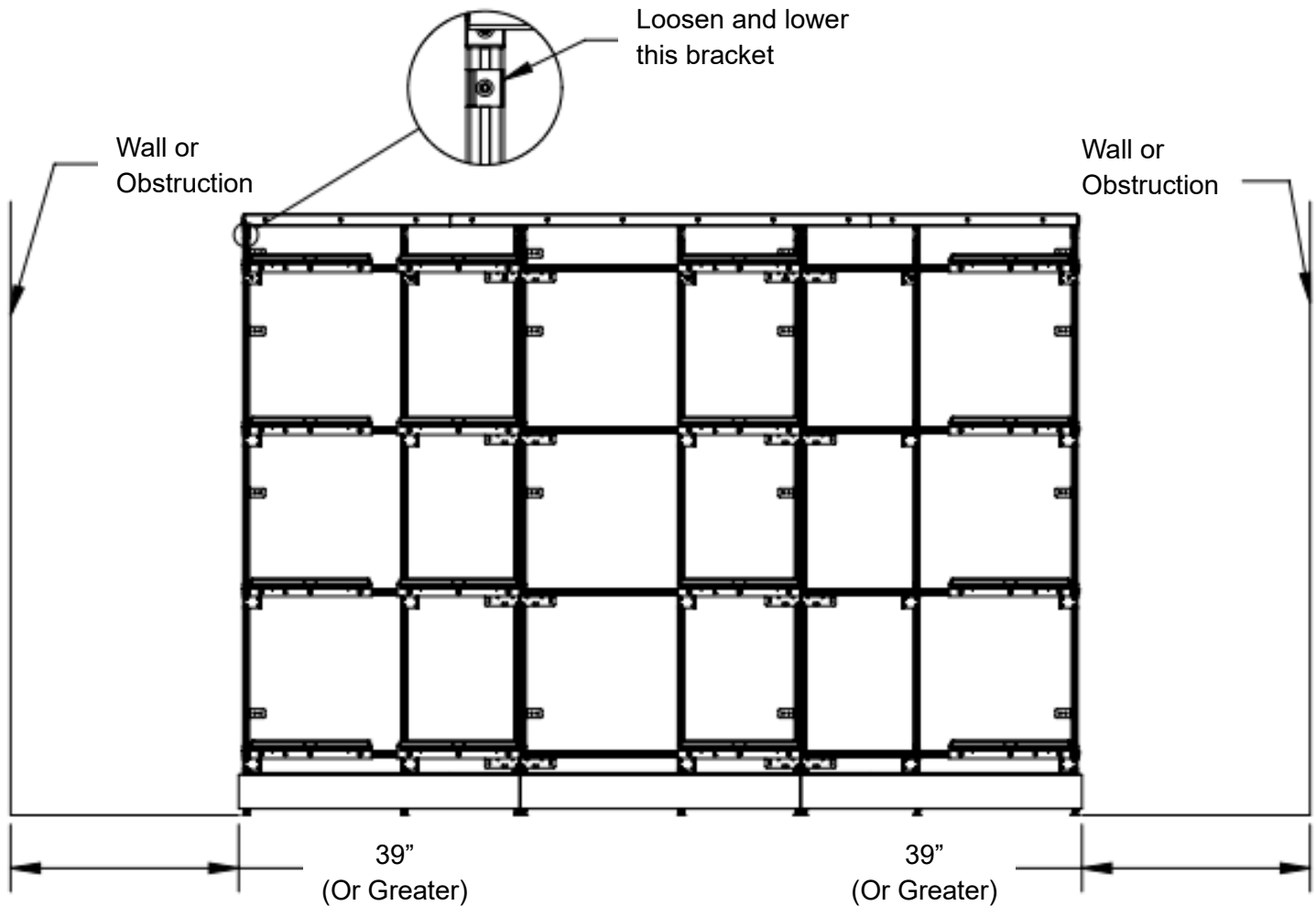
**Step 7.** Unpack the sliding panel assembly/assemblies and place on a sturdy work surface with glass side down.

Install bottom rollers onto sliding panel using the provided 1/4"-20x3/8" BHCS with 1/4"-20 spring lock washer. Tighten (2) screws per bottom roller.

**TIP:** To assist with installation of the panel assembly, adjust the bottom rollers to provide the minimum roller projection. Turn the adjusting screw counterclockwise and push the rollers into the enclosure.



**Step 8.** If 39" (3'-3") of clear unobstructed space **IS** provided on either the **LEFT** or **RIGHT** side, loosen and lower one (1) angled bracket as shown to provide proper clearance to install the sliding panel. If 39" of clear space is **NOT** provided, proceed to Step 10.



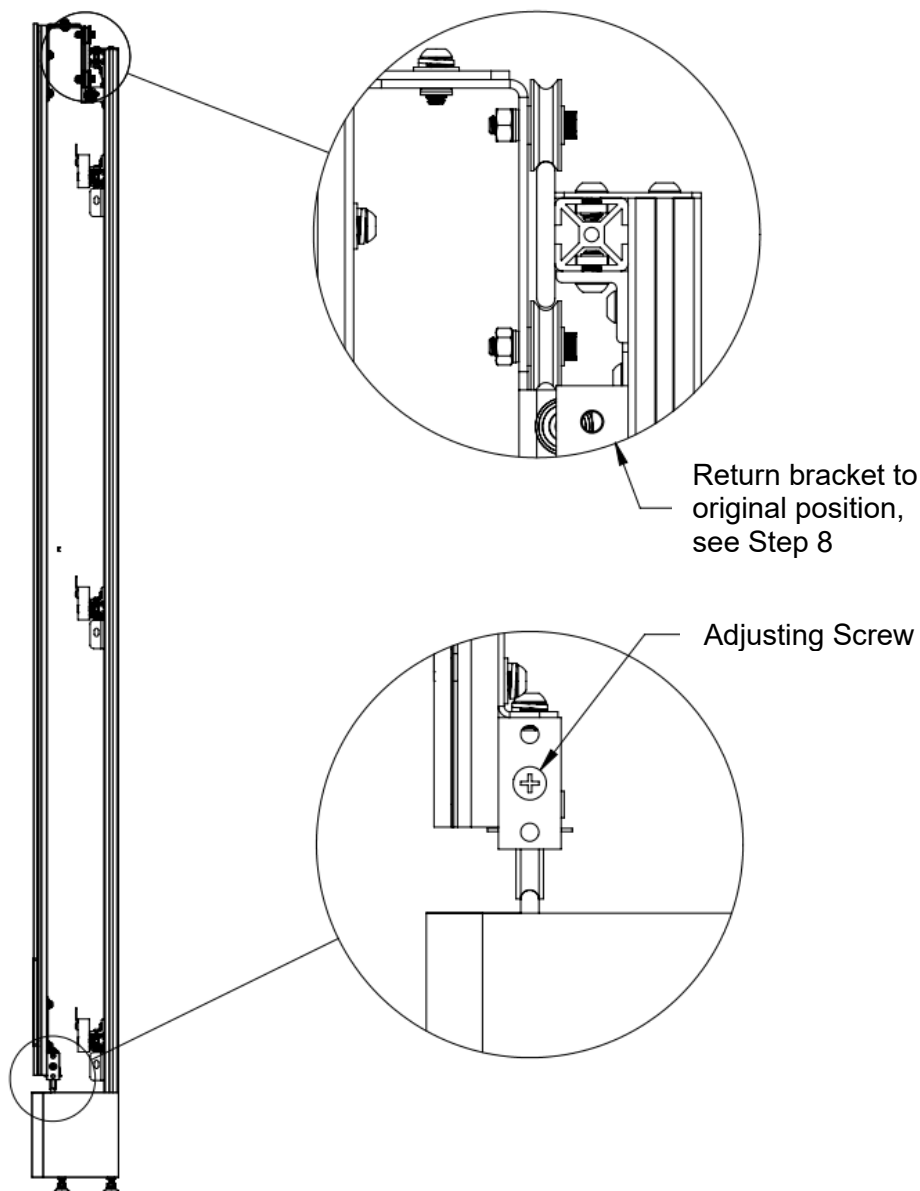
**Step 9.** Three (3) technicians are recommended **AND** 39" of clear, unobstructed space on either side.

Using glass suction cups and two (2) technicians, position the **TOP** rollers on the **TOP** track from either the **LEFT** or **RIGHT** side.

The third technician will align the **BOTTOM** rollers with the **BOTTOM** track. It is recommended at this time to adjust the bottom rollers for smooth operations using a #2 Phillips head screwdriver. Adjust the bottom rollers **DOWN** by turning the adjusting screw **CLOCKWISE**. Do not over tighten, adjust until smooth and quiet operation is achieved.

Return the angle bracket loosened in Step 8 to its original position.

Proceed to Step 11.



**Step 10. This step is only required when LESS than 39" of clear, unobstructed space is available on either side.** Three (3) technicians are recommended for this step.

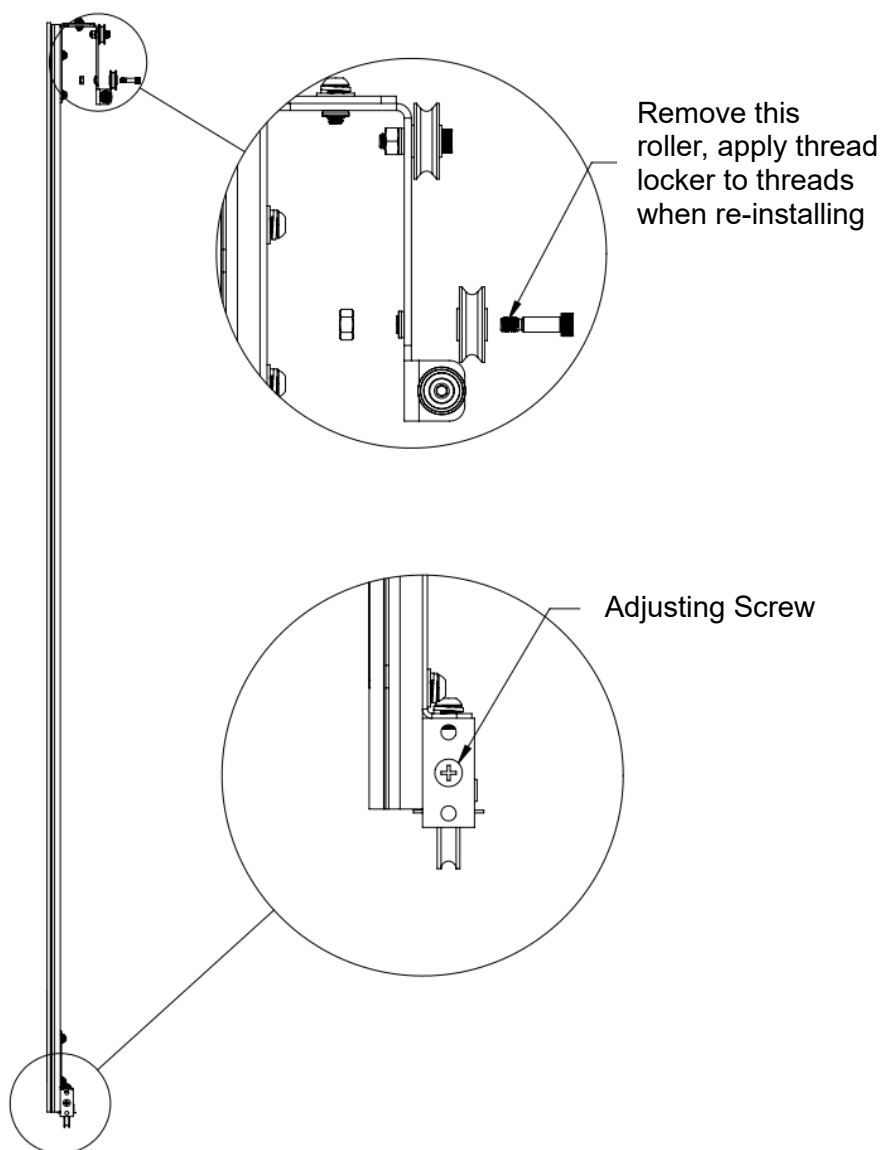
Remove **BOTTOM** two (2) rollers from the **TOP** of the sliding panel, keep all parts. Use a cloth or brass brush to remove thread locking residue from the threads.

Using glass suction cups and two (2) technicians, lift the slider to position the **TOP** rollers on the **TOP** track.

The third technicians will align the **BOTTOM** rollers with the **BOTTOM** track. Adjust the bottom rollers **DOWN** by turning the adjusting screw **CLOCKWISE** to ensure the sliding panel is resting on **BOTH** the top and bottom tracks.

Reinstall the removed **TOP** rollers. It is recommended to apply medium strength blue Loctite® thread locker (or equivalent) to the shoulder screws' threads. After the shoulder screw is installed and tightened, apply thread locker and tighten lock nut using a 1/8" Allen wrench to hold the shoulder screw stationary.

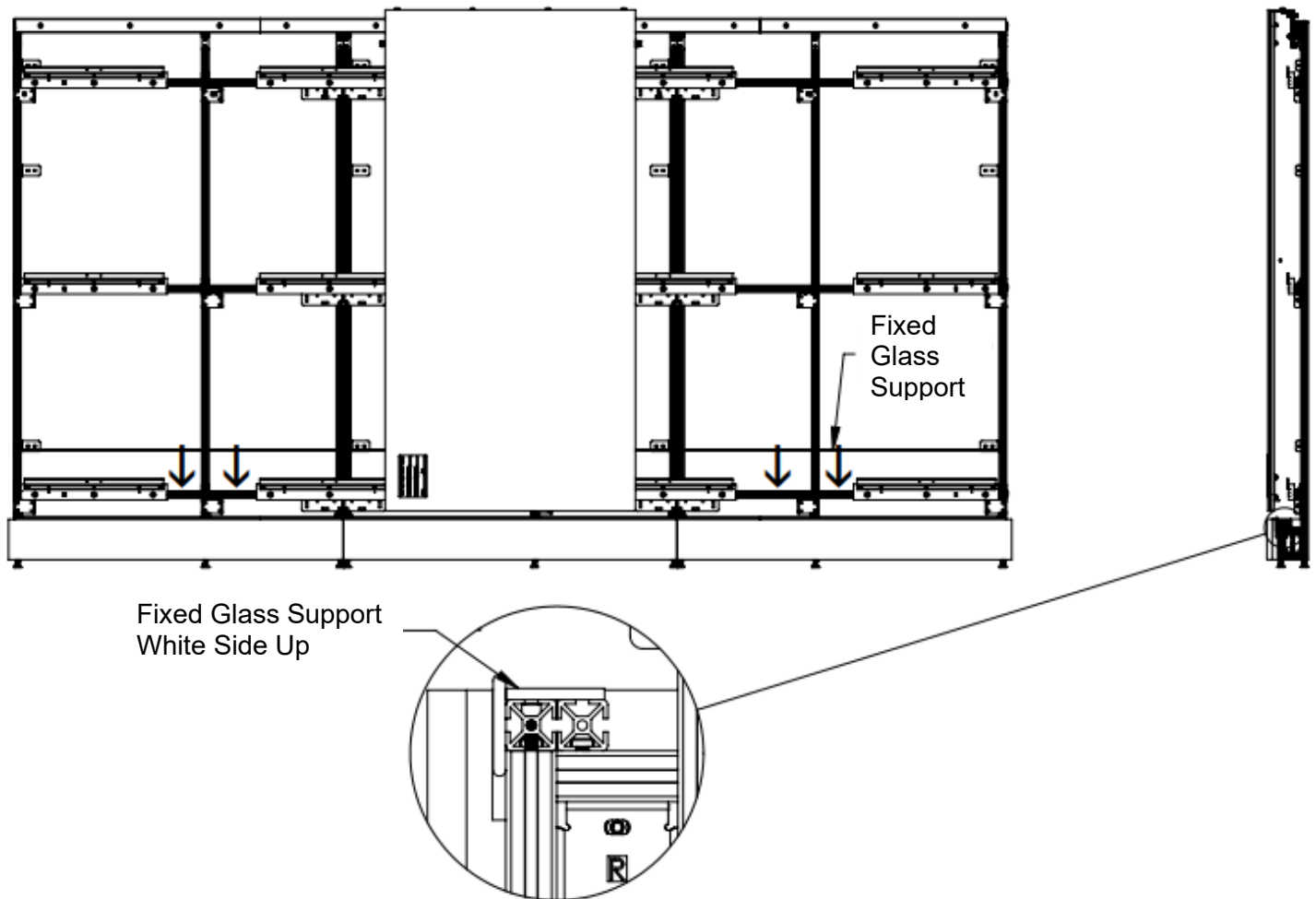
Adjust the bottom rollers turning the adjusting screw until smooth and quiet operation is obtained. Do not over tighten.



**Step 11.** Install the white 1-15/16"W x 1/4" thick fixed glass support panels using the factory applied tape to secure to the aluminum frame. Place the fixed glass support with no gap between the back of the track, with the white side up.

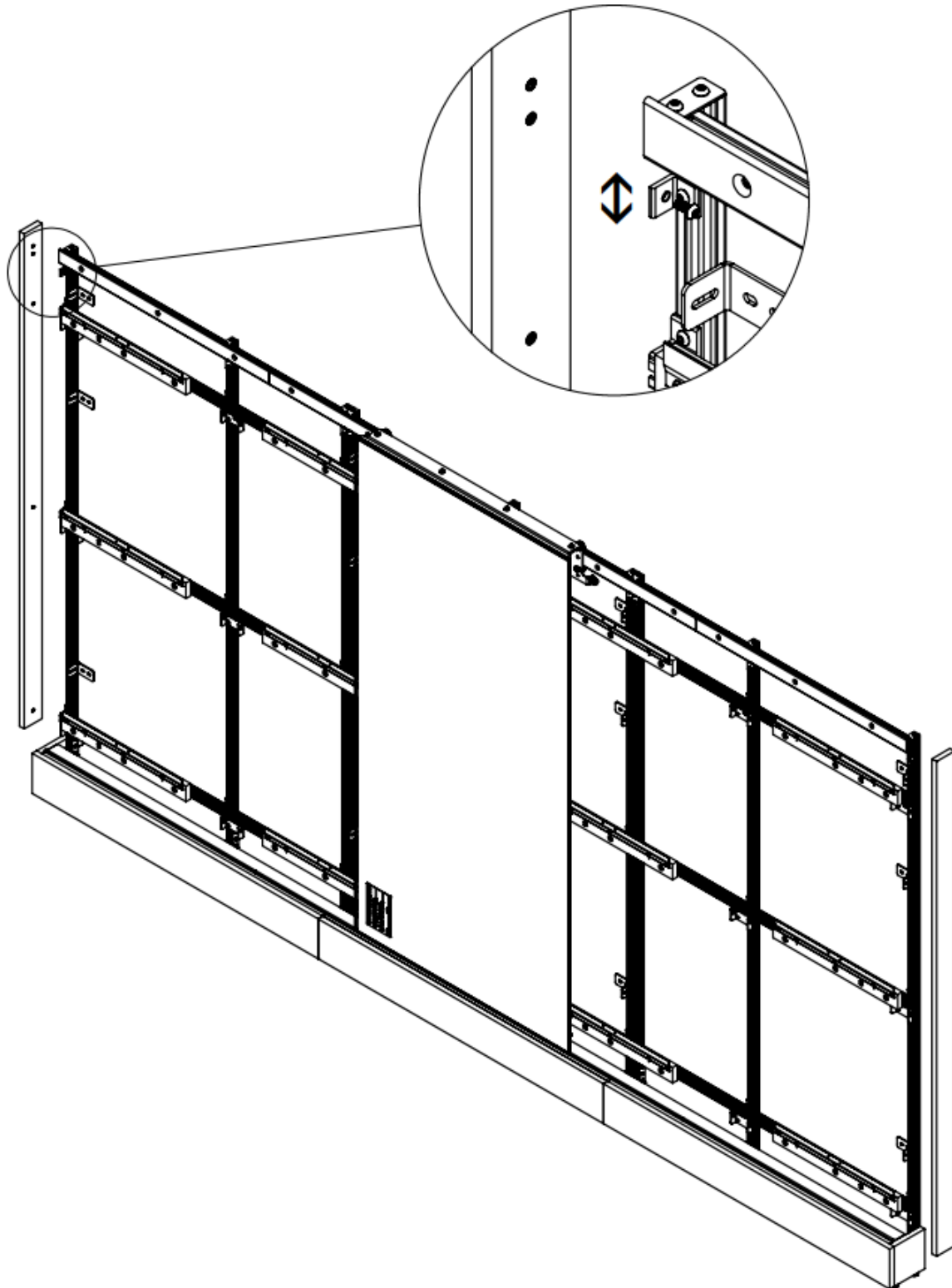
**TIPS:**

- A.) Dust off the aluminum supports with a clean towel.
- B.) Butt the ends of the panels together, aligning at the center of the frame assembly.



**Step 12.** Install the vertical side HPL panels using the provided 1/4"-20x9/16" BHCS.

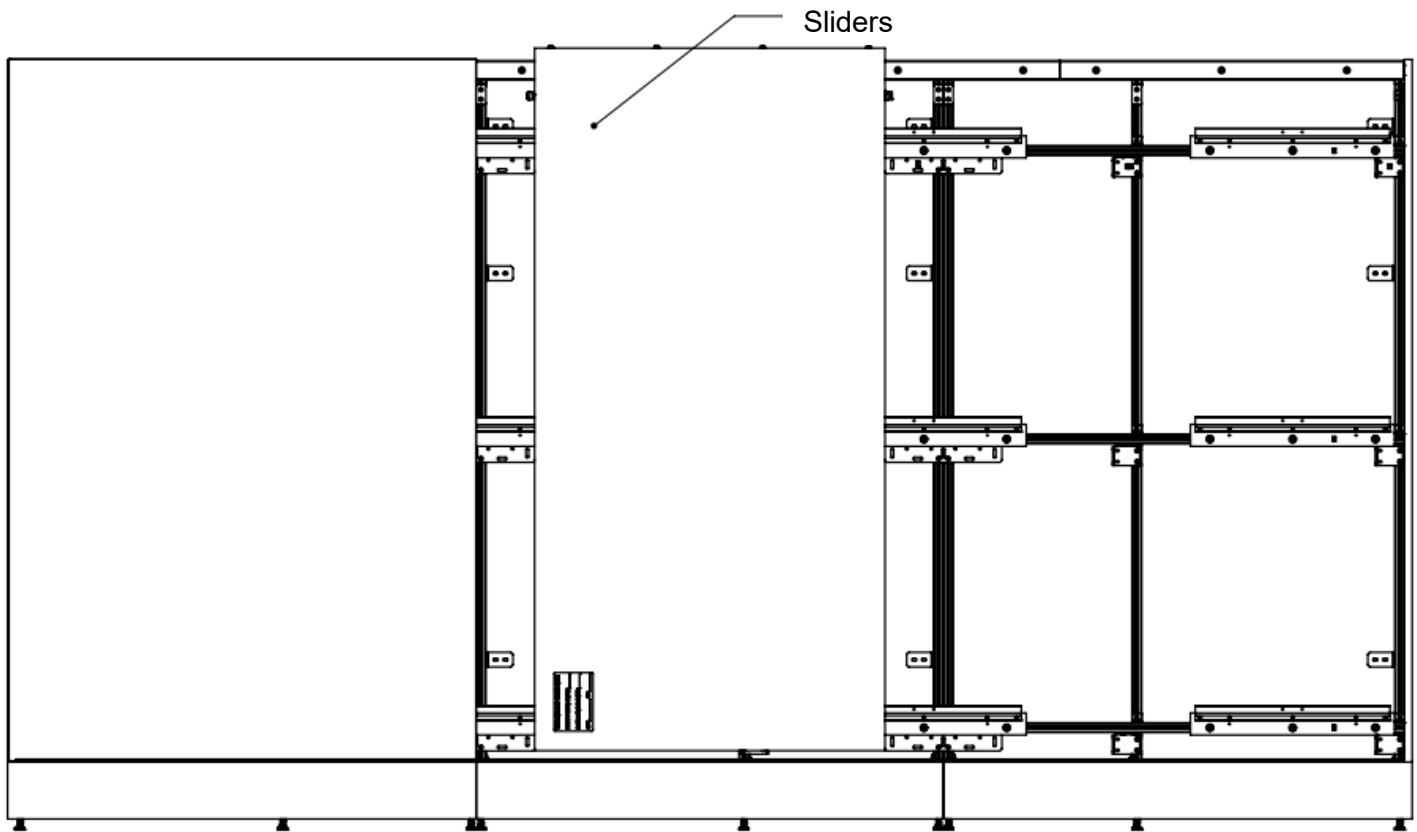
**TIP:** Re-adjustment of the top bracket may be required to ensure a tight hairline joint with the bottom side panel(s).





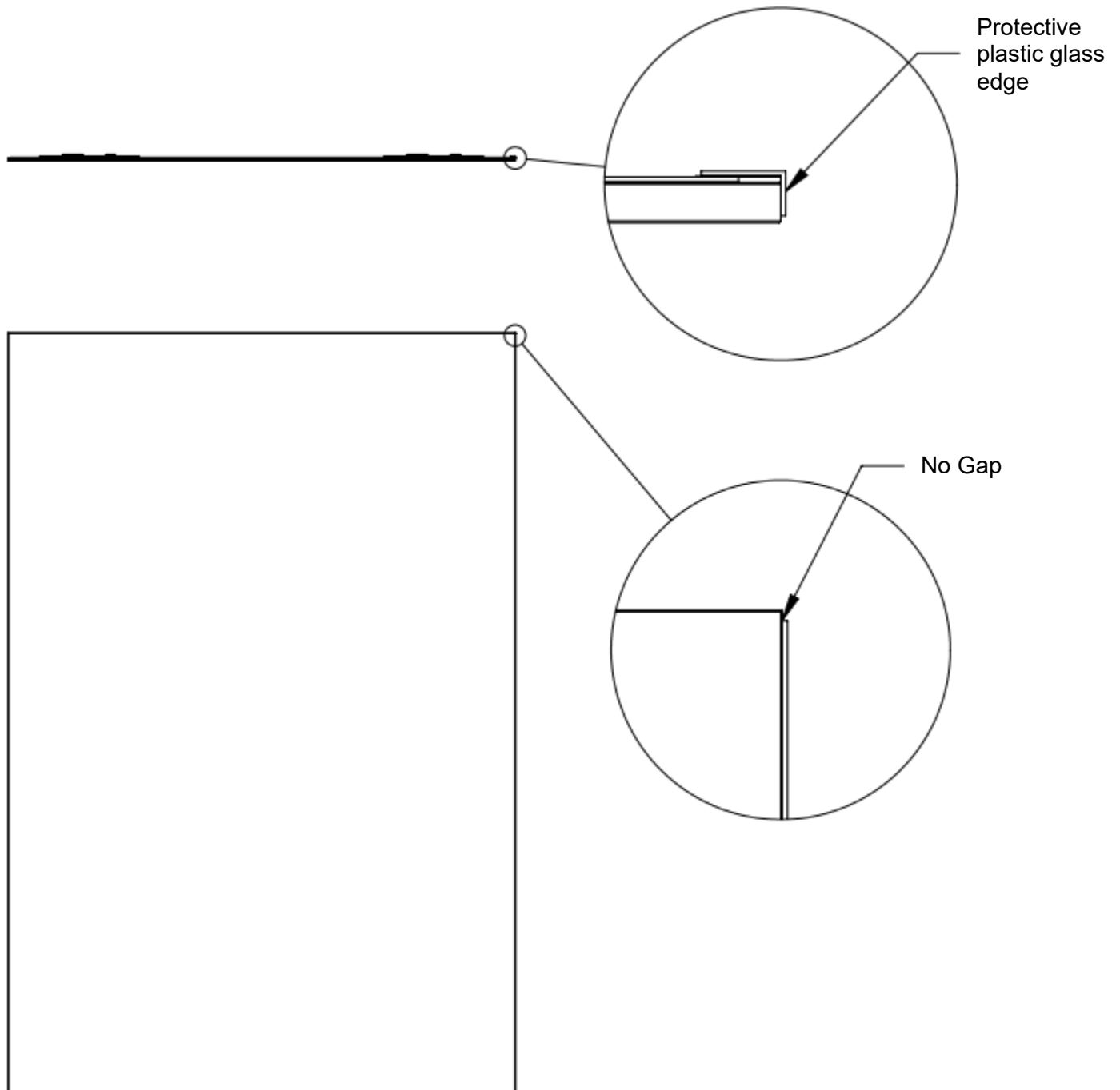
**Step 13.** Two (2) technicians are recommended for this step. Using suction cups, attach (1) fixed glass panel to the frame's French cleats.

**TIP:** It is recommended to install either left or right end panels first.



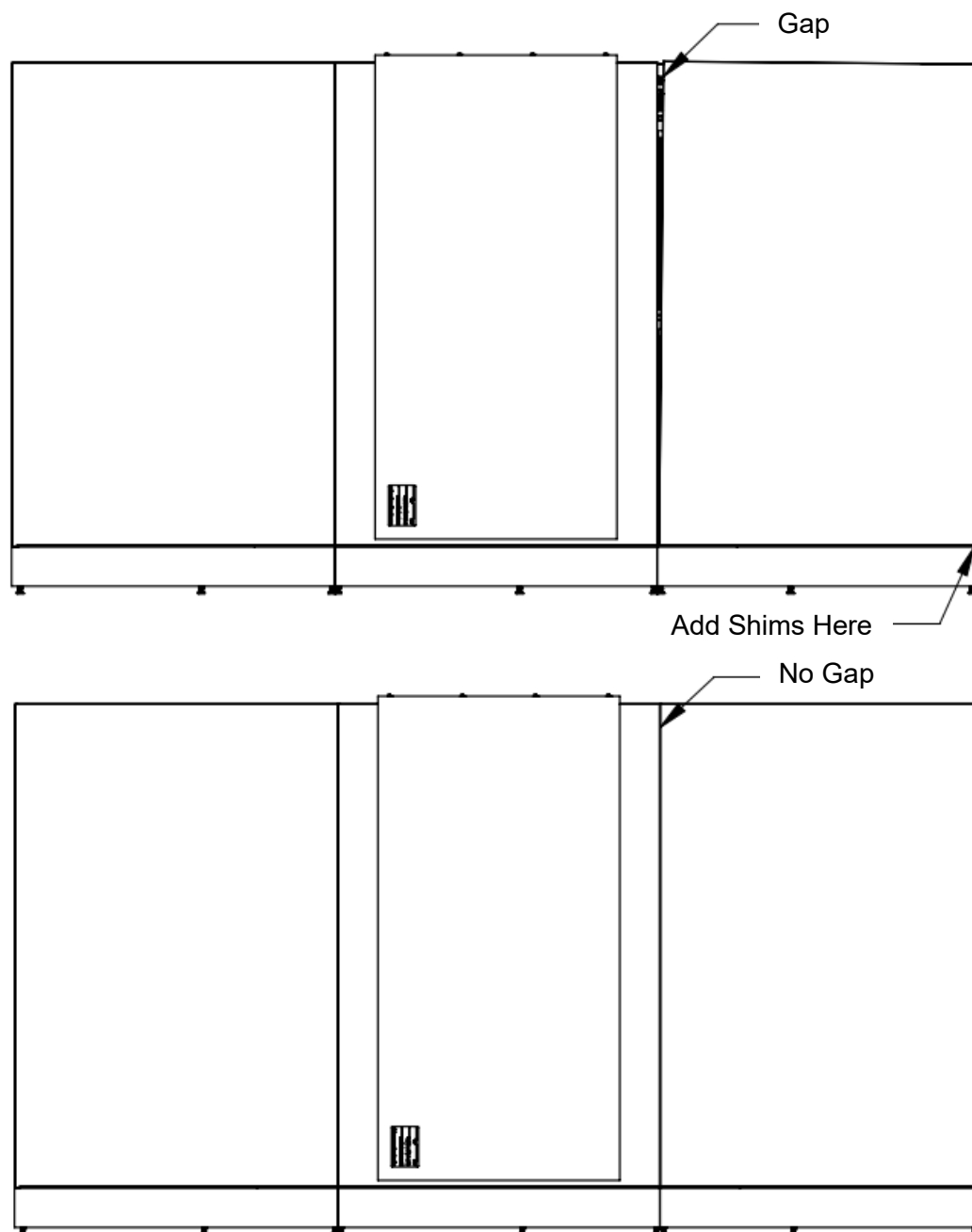
**Step 14.** Attach the protective plastic glass angle to the installed fixed glass by peeling the double-sided tape's exposed liner, then affix the tape to the back side of the glass.

**TIP:** Use a clean towel to wipe any residue off the back side and edge of the glass.



**Step 15.** Two (2) technicians are recommended for this step. Using suction cups, attach the remaining fixed glass panel(s) to the frame's French cleats and butt against the protective glass angle.

**TIP:** After attaching the fixed glass panels, use provided aluminum shims to create a hairline joint between the glass panels and protective plastic angle.



**Step 16.** Install the provided accessory marker holder to either the sliding panel assembly or adjacent wall as directed by the customer. Refer to the instructions provided with the marker holder.

**Step 17.** Remove any production labels from glass.

**Step 18.** Recycle all packaging material in accordance with local regulations.

# Groove Floor Sliding Glassboard / GRF (16' Wide)

## Installation Instructions

**NOTE:** Immediately after delivery, carefully open carton(s) and inspect for concealed damage. Save carton(s) and packing material for future use. If concealed damage is found, notify the carrier immediately to request an inspection. Failure to report shipping damage in a timely manner will result in the denial of a damage claim. Return the product to the original packaging to protect it.

**NOTE:** Failure to follow the installation instructions will void warranty. Refer to <https://ghent.com/warranties> for additional details.

**NOTE:** This installation instruction applies to both 6'H x 16'W and 8'H x 16'W Groove Floor units. The 6'H x 16'W version is shown throughout the instructions.

**NOTE:** Two (2) technicians are required, estimate of 5 hours installation time. A third technician is required for installation of the sliding panel.

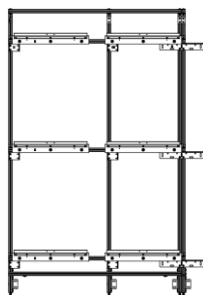
### Required Supplies (NOT PROVIDED BY GHENT):

- Obtain wall anchors and screws appropriate for the wall construction
- Masking tape or similar (refer to Step 5)
- Loctite® Medium Strength Thread Locker if top rollers need to be removed (refer to Step 10)

### Tools Needed:

- |                |   |
|----------------|---|
| - Laser Level  | - Drill Bit(s) sized for wall anchors             |
| - Level, 4'-6' | - 7/16" Open End Wrench                           |
| - Tape Measure | - 1/2" Open End Wrench (~10" Long & Thin Profile) |
| - Pencil       | - 1/8" Allen Wrench                               |
| - Step Ladder  | - 5/32" Allen Wrench (Provided)                   |
| - Mallet       | - 3/16" Allen Wrench (Provided)                   |
| - Suction Cups | - #2 Phillips Screwdriver                         |
| - Power Drill  | - Sawhorses or Sturdy Temporary Work Surface      |

### Packaging Contents:



(1)

Left Frame Assembly



(1)

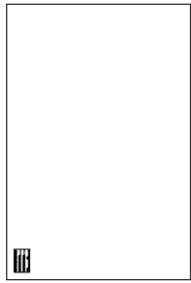
Right Frame Assembly



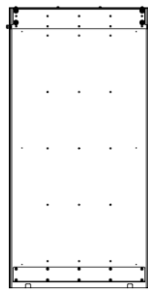
(2)

Middle Frame Assembly

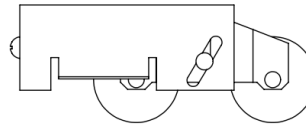
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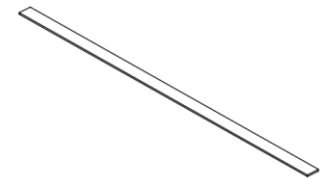
(4)  
Magnetic Glass  
Panels



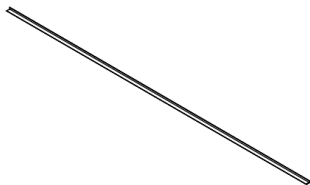
(2)  
Magnetic Slider Panel



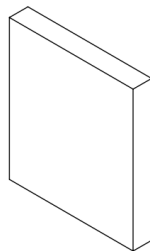
(4)  
Bottom Roller Assembly  
With Hardware



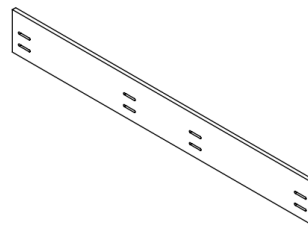
(2)  
White Fixed Glass  
Support Panels



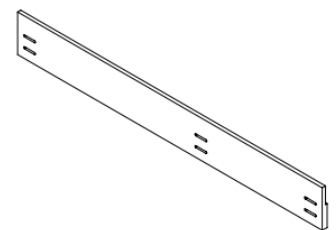
(3)  
Plastic Glass Protective  
Angle With Tape



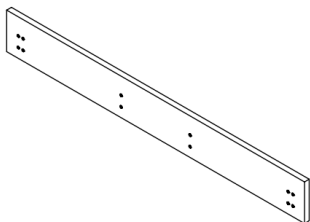
(2)  
Small Bottom Side  
Decorative Panels



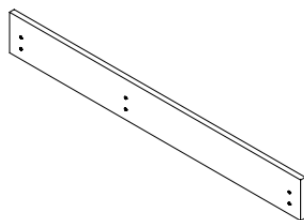
(2)  
Bottom End Decorative  
Spacer Panels



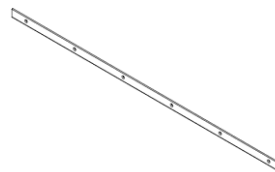
(2)  
Bottom Middle  
Decorative Spacer  
Panels



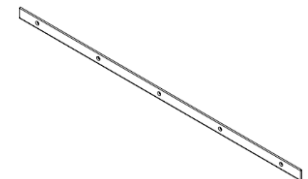
(2)  
Bottom End Decorative  
Panels



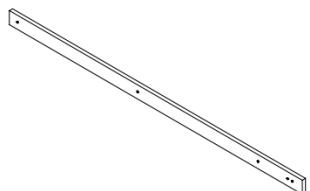
(2)  
Bottom Middle  
Decorative Panels



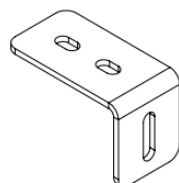
(2)  
71-7/8" Long Track



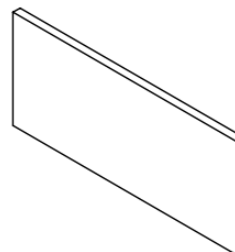
(4)  
59-3/8" Long Track



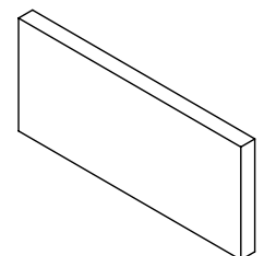
(2)  
Side Decorative  
Vertical Panels



(18) 6'H  
(24) 8'H  
Wall Mounting Brackets



(12)  
Thin Aluminum Glass  
Shims



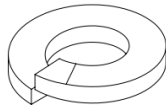
(12)  
Thick Aluminum Glass  
Shims

## Packaging Contents (Cont'd.):

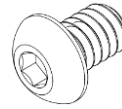
### Bag Hardware A2:



(30)  
1/4"-20 Tee Nut



(30)  
1/4" Spring  
Lock Washer

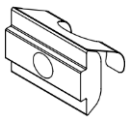


(30)  
1/4"-20x7/16"  
Button Head  
Cap Screw



(1)  
5/32" Allen  
Wrench

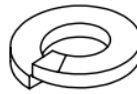
### Bag Hardware C2:



(50)  
1/4"-20 Tee  
Spring Nut



(50)  
1/4"-20x7/16"  
Button Head  
Cap Screw



(50)  
1/4" Spring  
Lock Washer



(75)  
Slotted Fender  
Washer

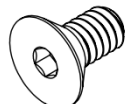


(1)  
5/32" Allen  
Wrench

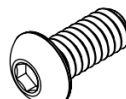
### BAG-GRF-CAB-TR2:



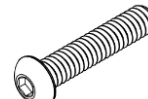
(32)  
1/4"-20 Tee Nut



(32)  
1/4"-20x1/2"  
Flat Head  
Cap Screw



(18)  
1/4"-20x9/16"  
Button Head  
Cap Screw



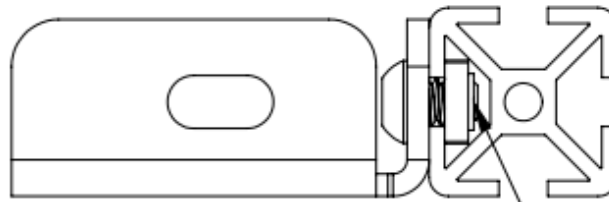
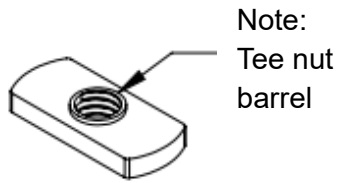
(32)  
1/4"-20x1-1/4"  
Button Head  
Cap Screw



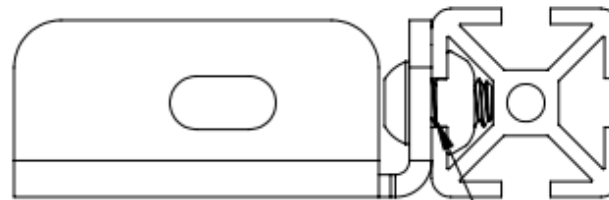
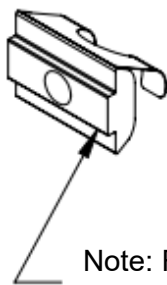
(1)  
5/32" Allen  
Wrench

**NOTE: Extra/spare fasteners are provided.**

**Proper orientation of tee nuts:**



Note: Tee nut barrel oriented as shown



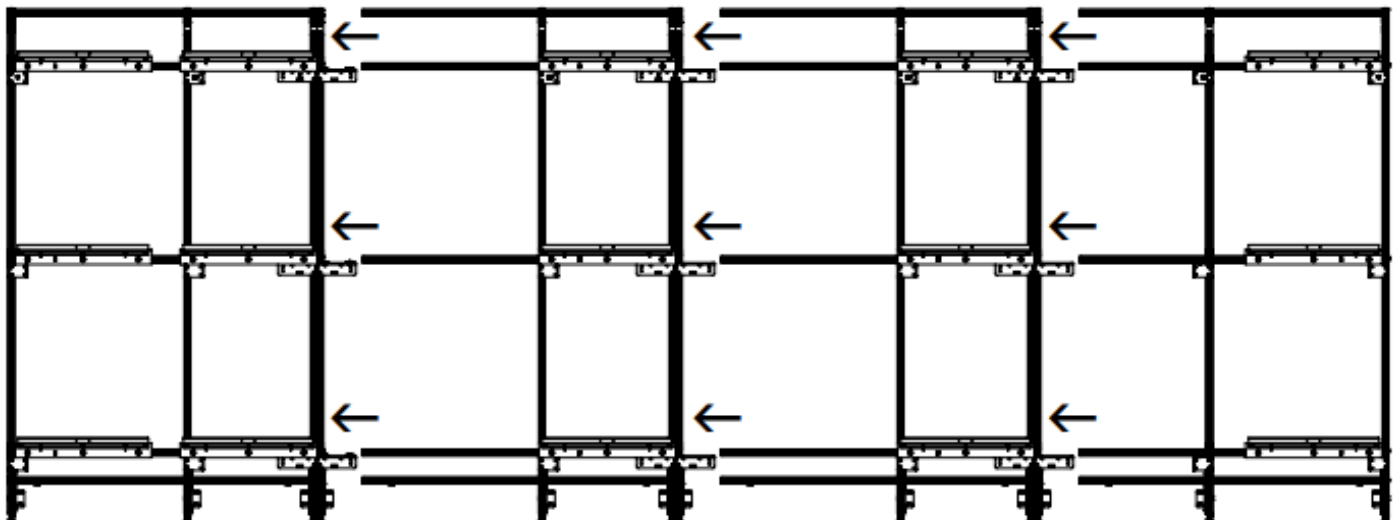
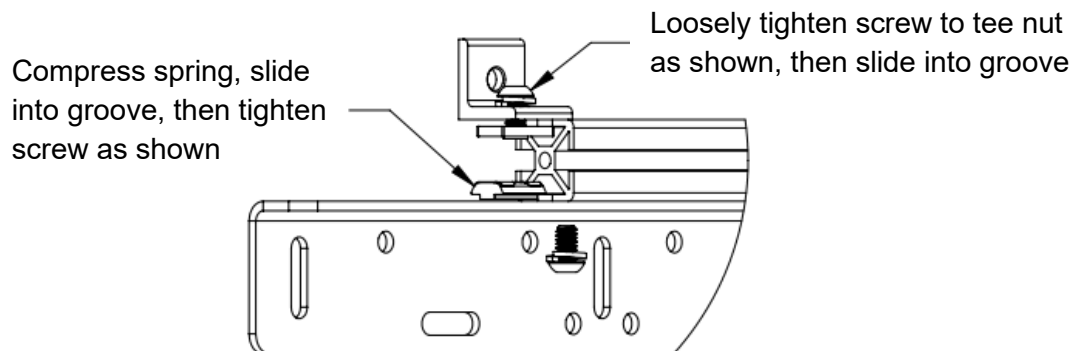
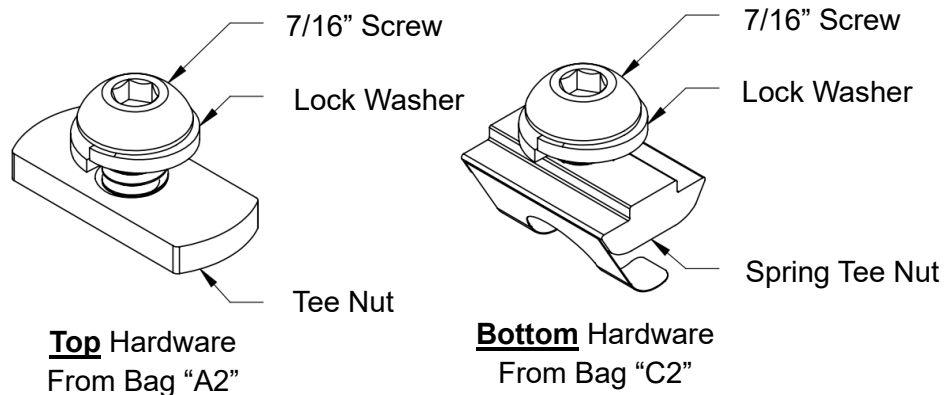
Note: Rib orientation (compress leaf spring and roll nut into groove)

**Instructions:**

**Step 1.** Starting from left to right, connect the left, middle, and right frame assemblies together as shown.

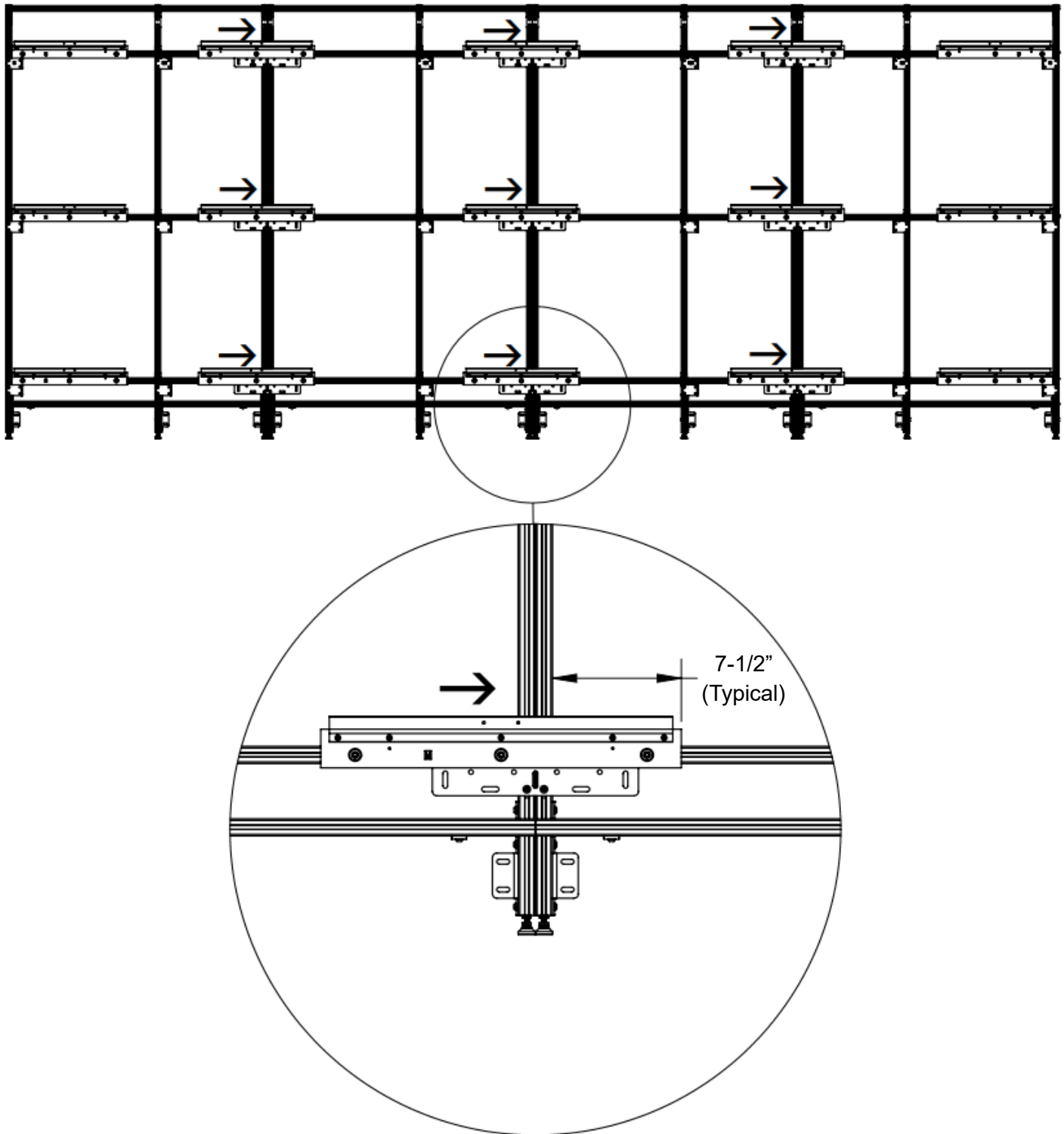
**TIPS:**

- A.) Loosely install "Top" hardware
- B.) Slide Right Frame onto Left Frame
- C.) Install 1/4"-20 spring nut into bottom grooves, slide nut to align with mounting hole, hand tighten with 1/4"-20x7/16 BHCS
- D.) Tighten all hardware.





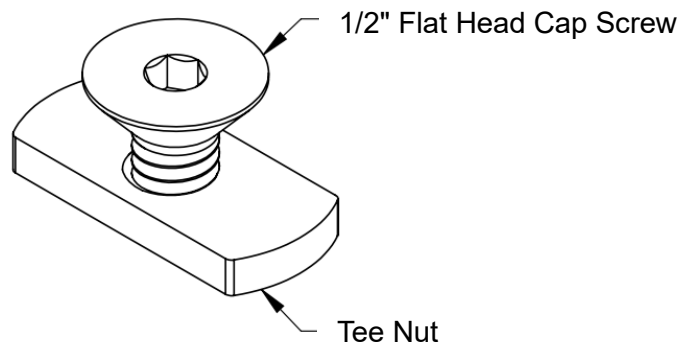
**Step 2.** Slightly loosen and slide middle fixed glass cleat brackets to dimensions shown on the vertical support as shown. Re-tighten hardware.



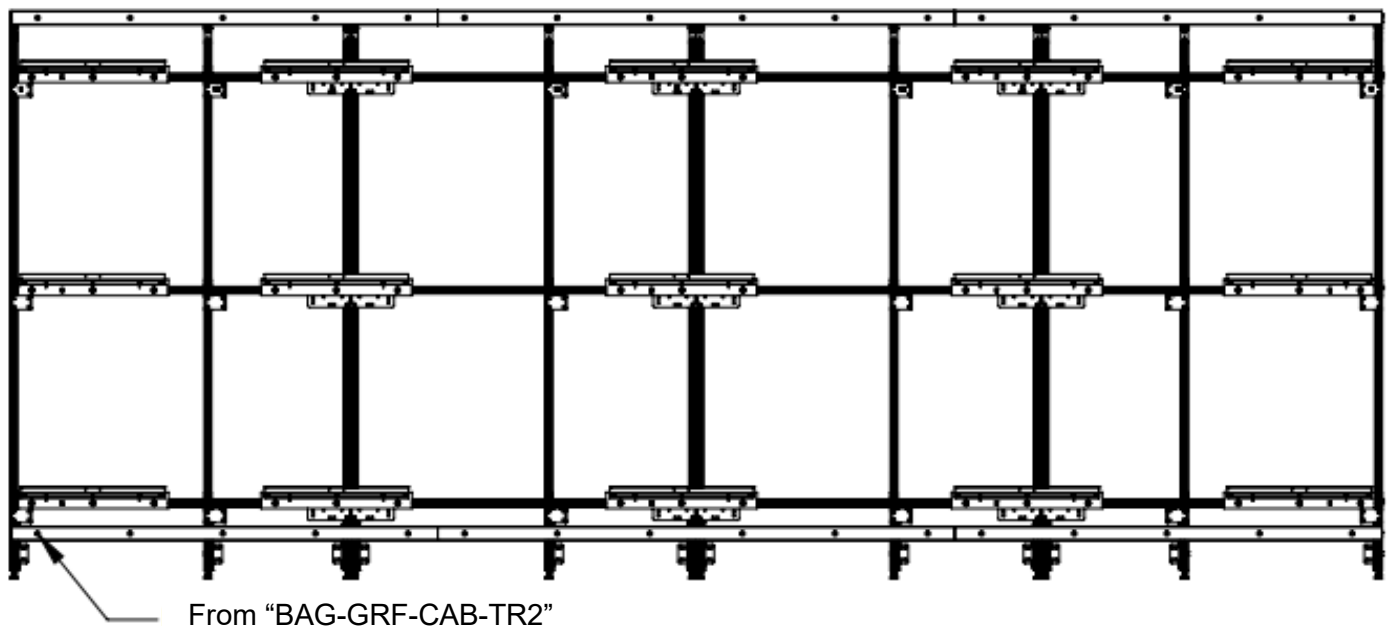
**Step 3.** Install top & bottom track. Tighten hardware & check squareness.

**TIPS:**

- A.) Ensure the short sections of track have the hole that is closer to the edge at the track joint.
- B.) Slide track sections onto frame, equal space on each end.
- C.) Hold track joints together and tighten screws immediately to the left & right of the track joint. Tighten remaining track screws starting at the joint proceeding to the end of each track section.



Hardware From  
"BAG-GRF-CAB-TR2"

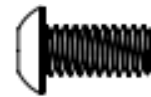


**Step 4.** Attach bottom decorative spacers and bottom panels using noted hardware.

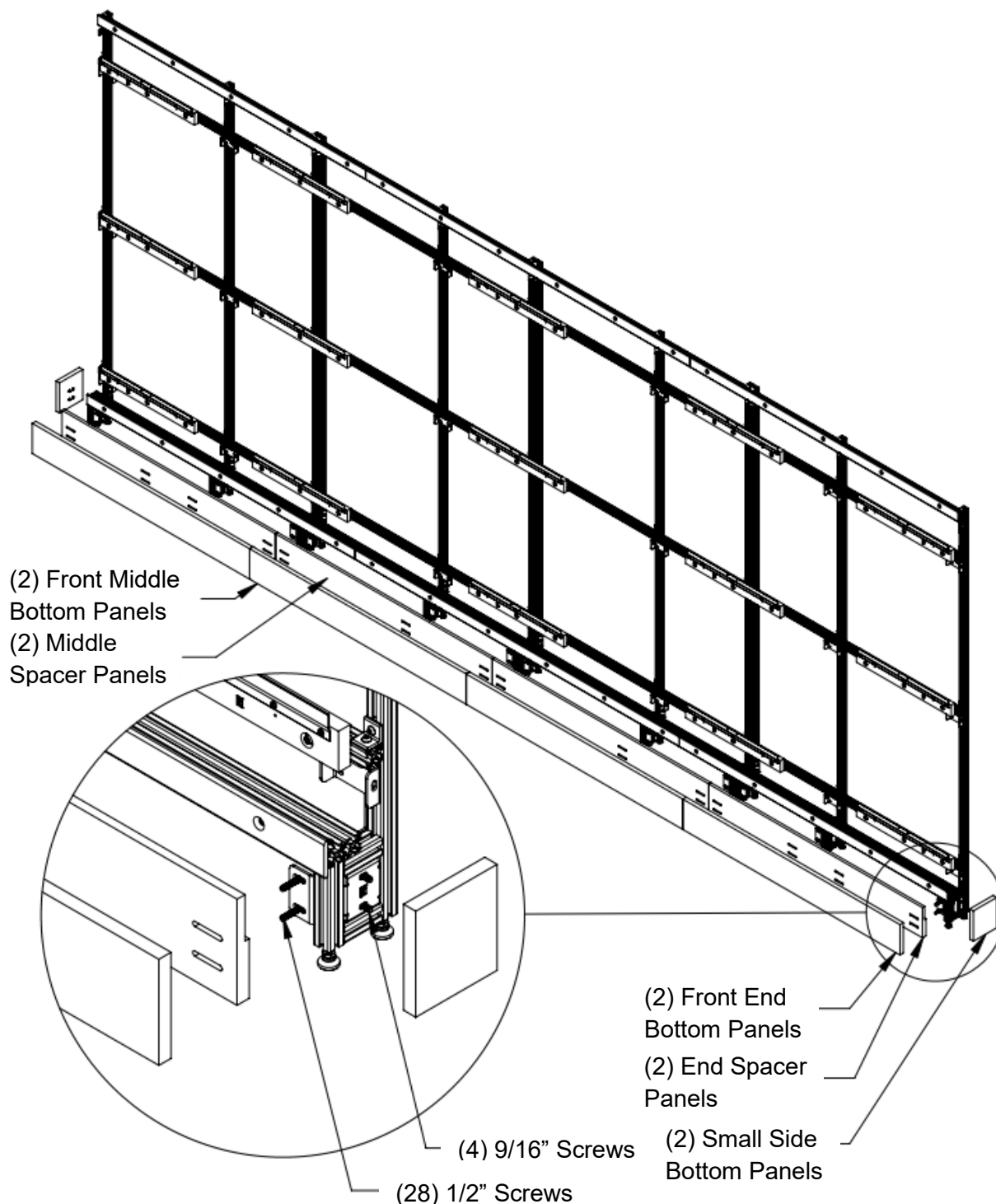
**TIP:** Initially hand tighten hardware to align panels to achieve proper panel fitment, then tighten.



1-1/2" Screw Actual Size



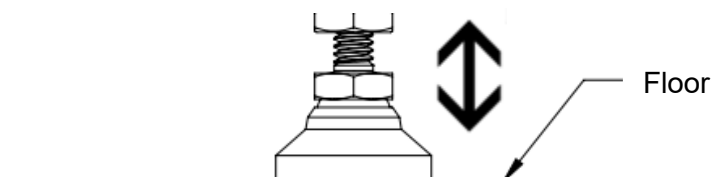
9/16" Screw Actual Size



**Step 5.** Place assembled frame unit in the desired location against the wall. **Do NOT attach frame assembly to the wall at this time.**

**NOTE:** Locate wall studs. It is best practice to attach wall mounting brackets to studs. If possible, shift the unit to attach to a stud. If studs are not available, use the appropriate wall anchors (not supplied by Ghent).

**NOTE:** Using a laser or 4'+ level, perform all foot adjustments to level the top and bottom tracks both horizontally and vertically ( $\pm 1/16"$ ). Mark feet locations by applying masking tape to the floor.

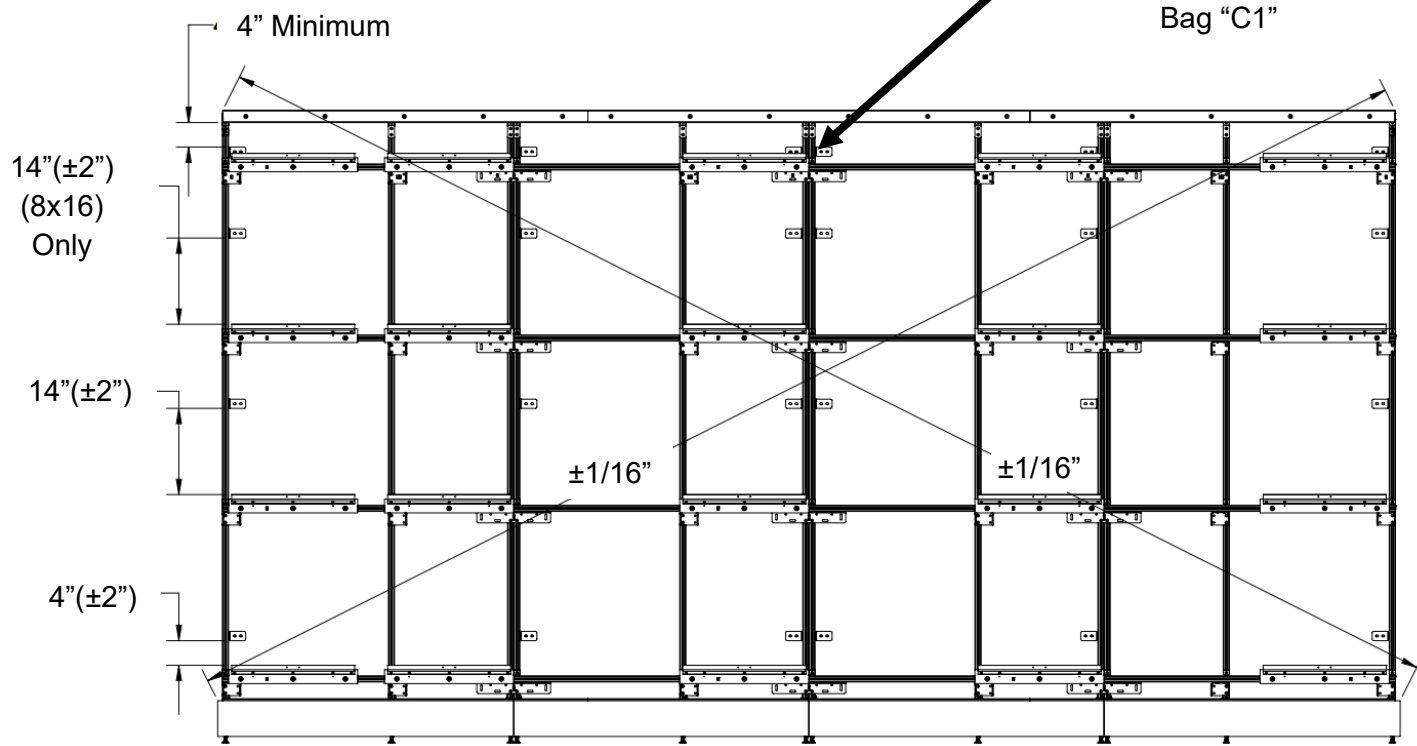
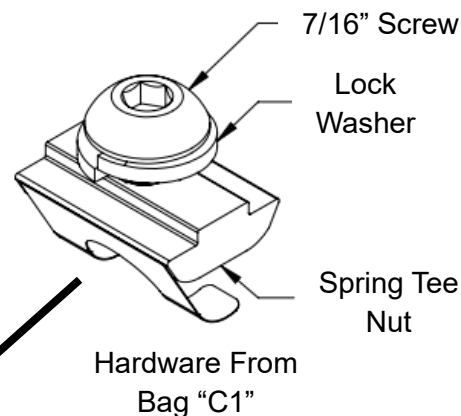


**Step 6.** Attach wall mounting brackets positioned as shown below using the spring tee nuts, referencing the masking tape applied in Step 5.

**REMINDER:** Attach to studs when possible.

**TIPS:**

- A.) Before and after attaching to the wall, check squareness. Horizontal and vertical ( $\pm 1/16"$ ), adjust feet and wall mounting brackets
- B.) If needed, insert slotted fender washers between wall and wall attachment bracket

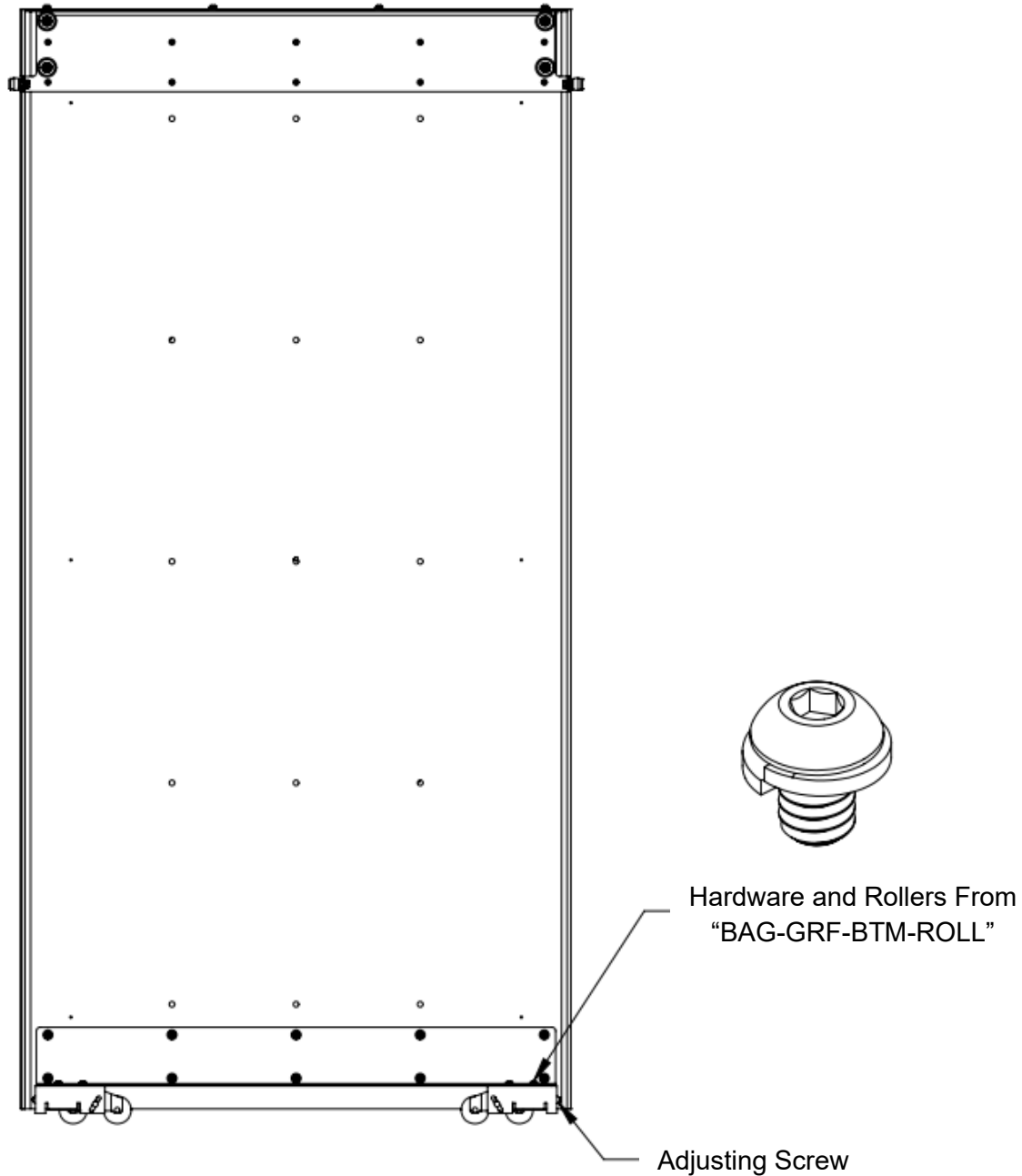


**Note: 8x16 Version Shown**

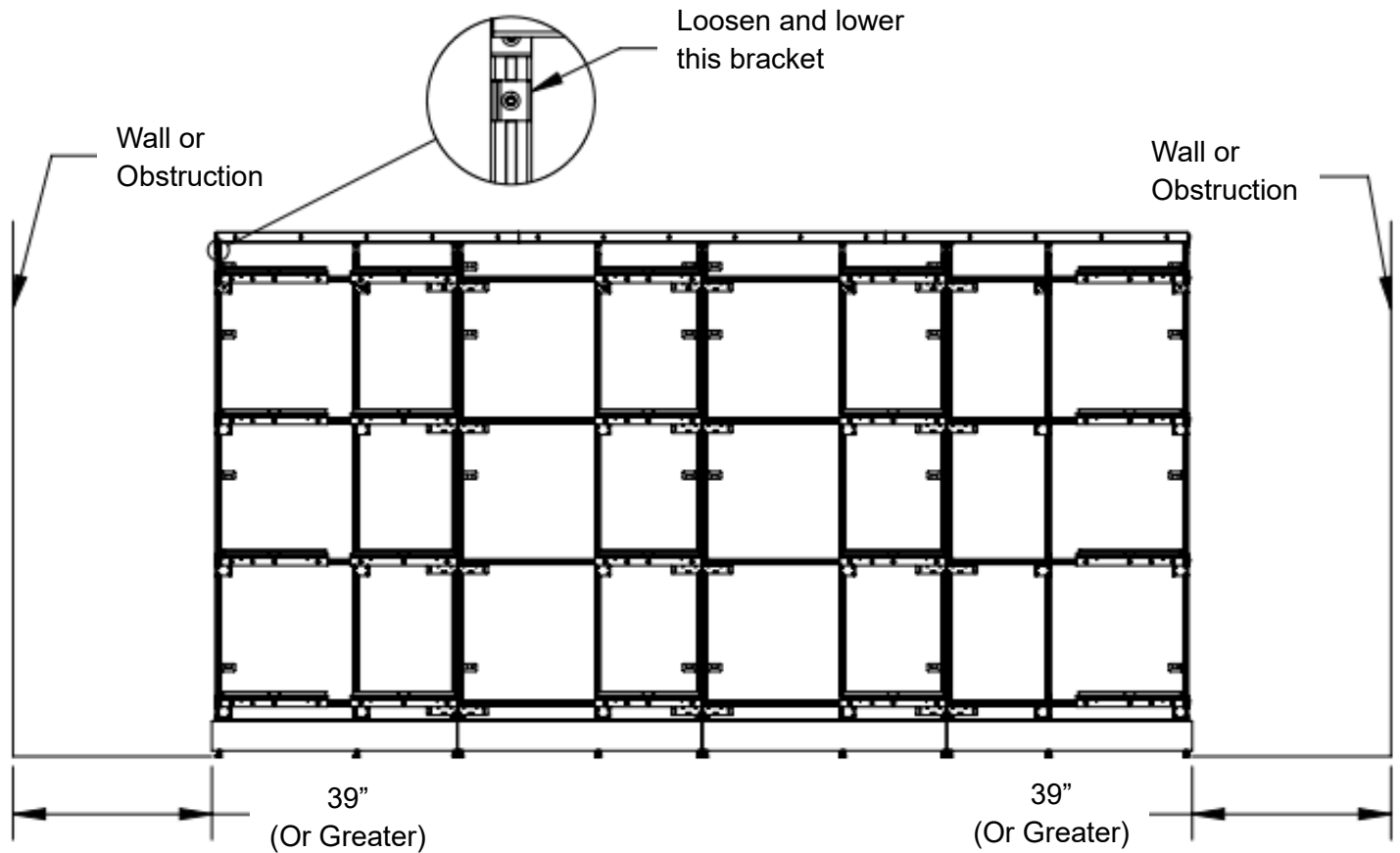
**Step 7.** Unpack the sliding panel assembly/assemblies and place on a sturdy work surface with glass side down.

Install bottom rollers onto sliding panel using the provided 1/4"-20x3/8" BHCS with 1/4"-20 spring lock washer. Tighten (2) screws per bottom roller.

**TIP:** To assist with installation of the panel assembly, adjust the bottom rollers to provide the minimum roller projection. Turn the adjusting screw counterclockwise and push the rollers into the enclosure.



**Step 8.** If 39" (3'-3") of clear unobstructed space **IS** provided on either the **LEFT** or **RIGHT** side, loosen and lower one (1) angled bracket as shown to provide proper clearance to install the sliding panel. If 39" of clear space is **NOT** provided, proceed to Step 10.



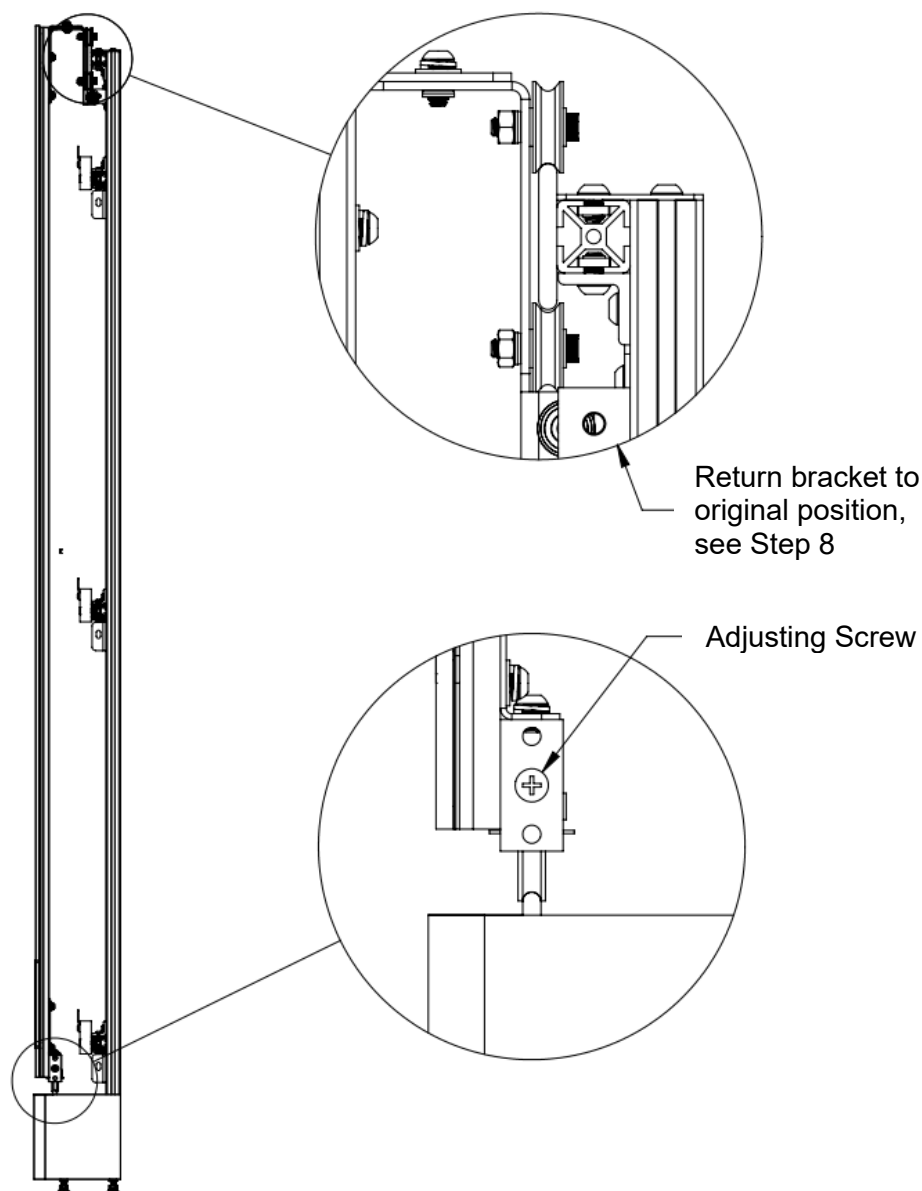
**Step 9.** Three (3) technicians are recommended **AND** 39" of clear, unobstructed space on either side.

Using glass suction cups and two (2) technicians, position the **TOP** rollers on the **TOP** track from either the **LEFT** or **RIGHT** side.

The third technician will align the **BOTTOM** rollers with the **BOTTOM** track. It is recommended at this time to adjust the bottom rollers for smooth operations using a #2 Phillips head screwdriver. Adjust the bottom rollers **DOWN** by turning the adjusting screw **CLOCKWISE**. Do not over tighten, adjust until smooth and quiet operation is achieved.

Return the angle bracket loosened in Step 8 to its original position.

Proceed to Step 11.



**Step 10. This step is only required when LESS than 39" of clear, unobstructed space is available on either side.** Three (3) technicians are recommended for this step.

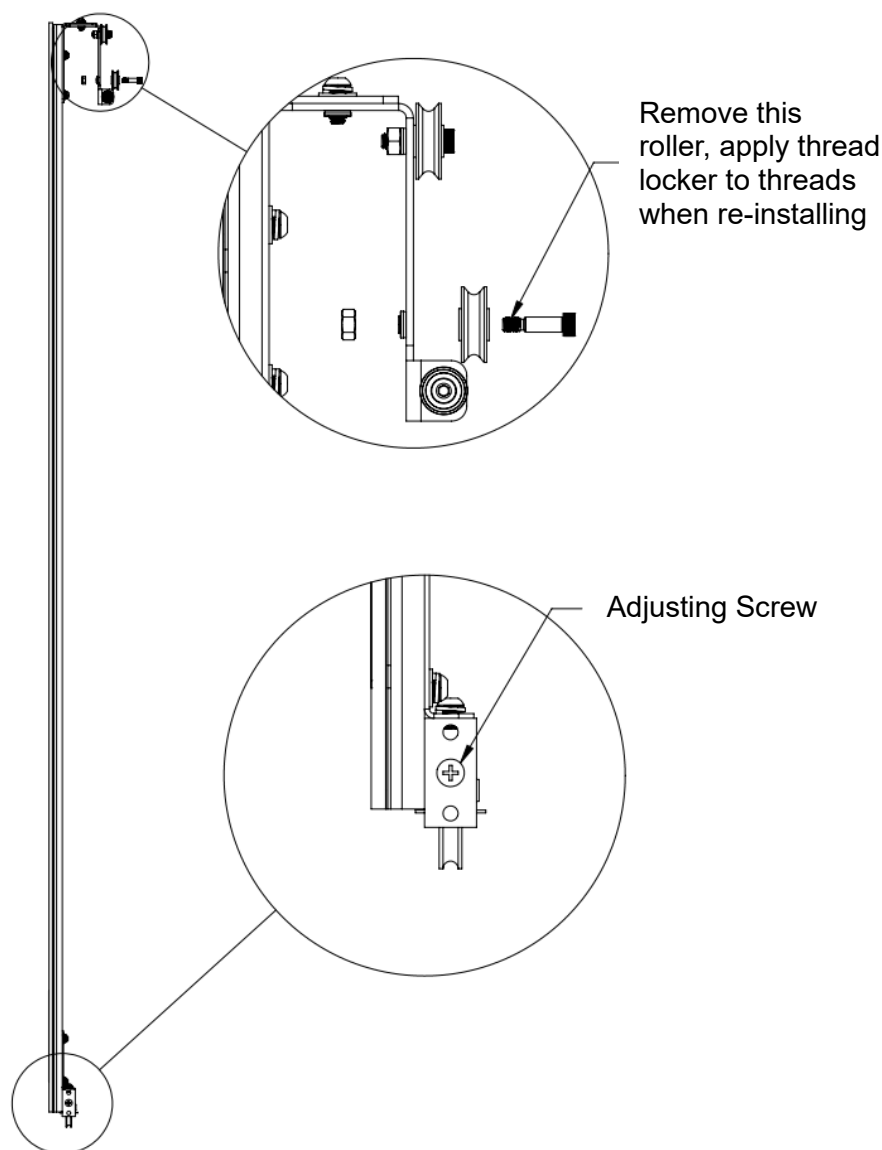
Remove **BOTTOM** two (2) rollers from the **TOP** of the sliding panel, keep all parts. Use a cloth or brass brush to remove thread locking residue from the threads.

Using glass suction cups and two (2) technicians, lift the slider to position the **TOP** rollers on the **TOP** track.

The third technicians will align the **BOTTOM** rollers with the **BOTTOM** track. Adjust the bottom rollers **DOWN** by turning the adjusting screw **CLOCKWISE** to ensure the sliding panel is resting on **BOTH** the top and bottom tracks.

Reinstall the removed **TOP** rollers. It is recommended to apply medium strength blue Loctite® thread locker (or equivalent) to the shoulder screws' threads. After the shoulder screw is installed and tightened, apply thread locker and tighten lock nut using a 1/8" Allen wrench to hold the shoulder screw stationary.

Adjust the bottom rollers turning the adjusting screw until smooth and quiet operation is obtained. Do not over tighten.

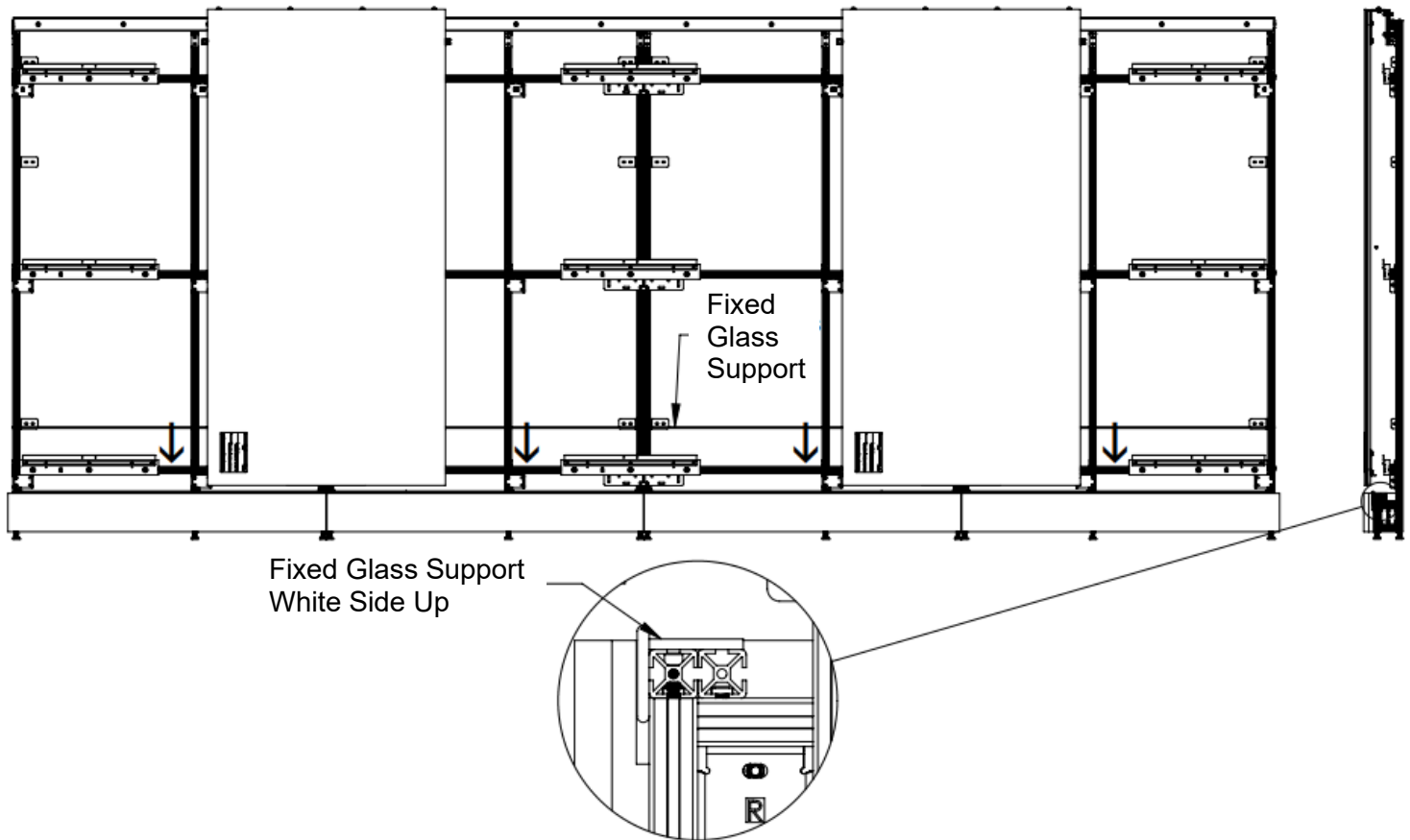




**Step 11.** Install the white 1-15/16"W x 1/4" thick fixed glass support panels using the factory applied tape to secure to the aluminum frame. Place the fixed glass support with no gap between the back of the track, with the white side up.

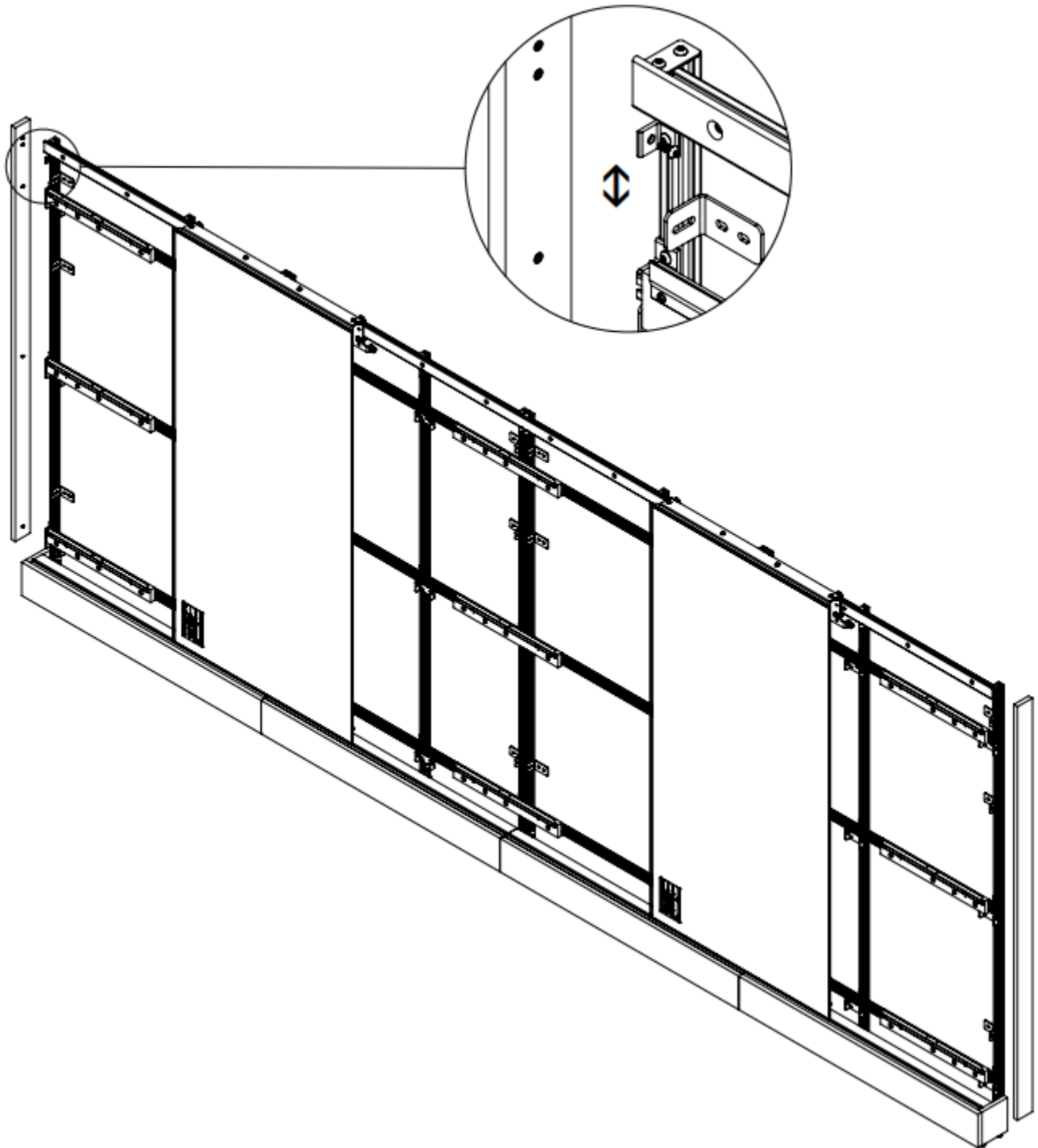
**TIPS:**

- A.) Dust off the aluminum supports with a clean towel.
- B.) Butt the ends of the panels together, aligning at the center of the frame assembly.



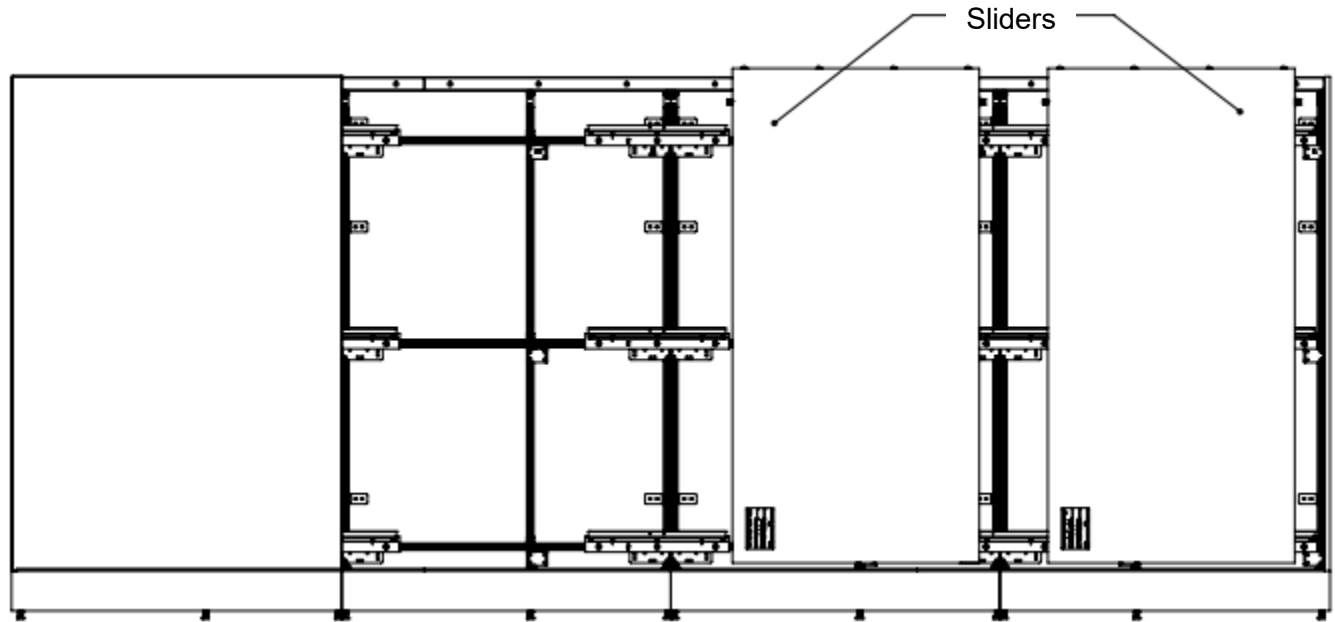
**Step 12.** Install the vertical side HPL panels using the provided 1/4"-20x9/16" BHCS.

**TIP:** Re-adjustment of the top bracket may be required to ensure a tight hairline joint with the bottom side panel(s).



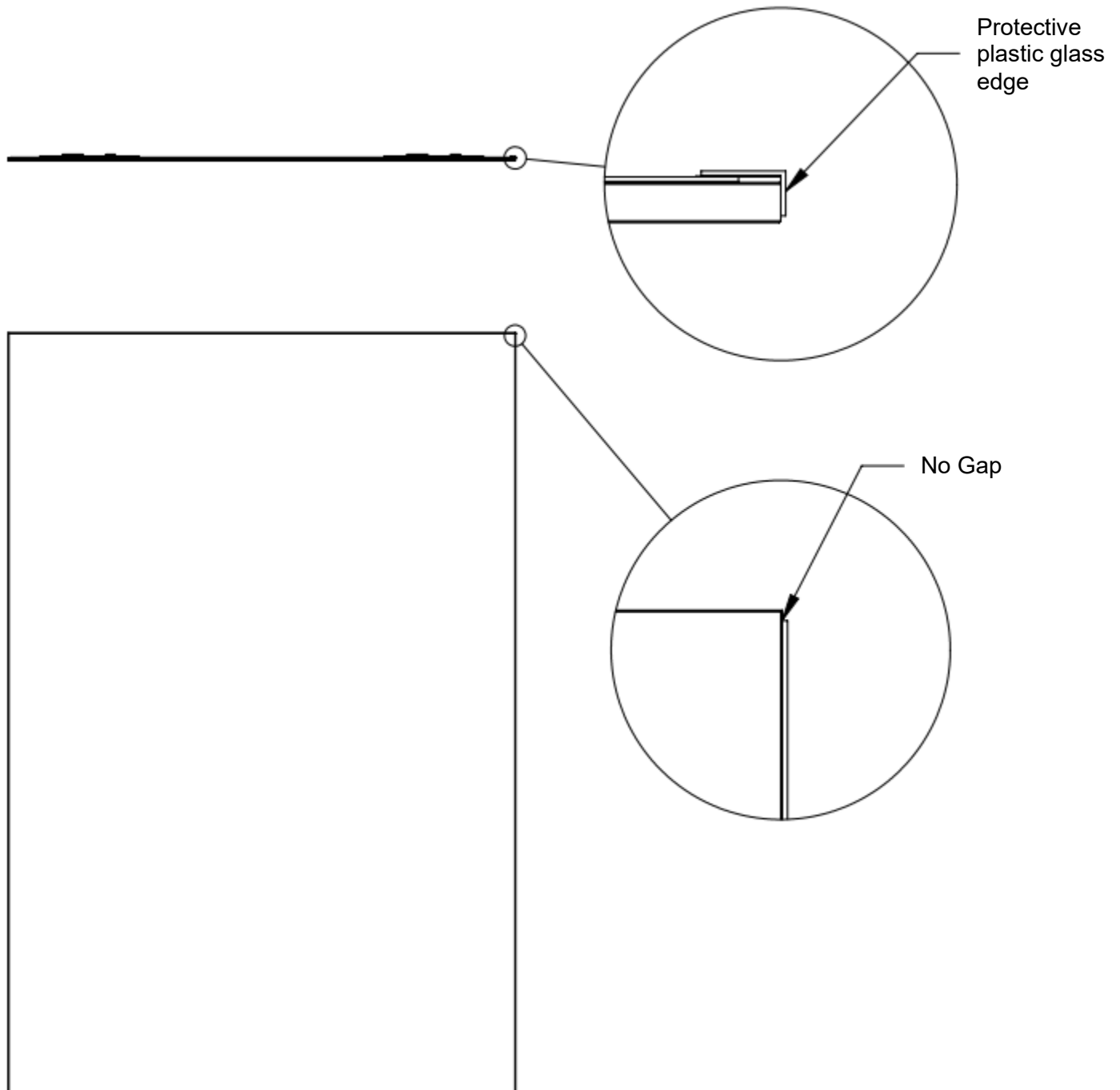
**Step 13.** Two (2) technicians are recommended for this step. Using suction cups, attach (1) fixed glass panel to the frame's French cleats.

**TIP:** It is recommended to install either left or right end panels first.



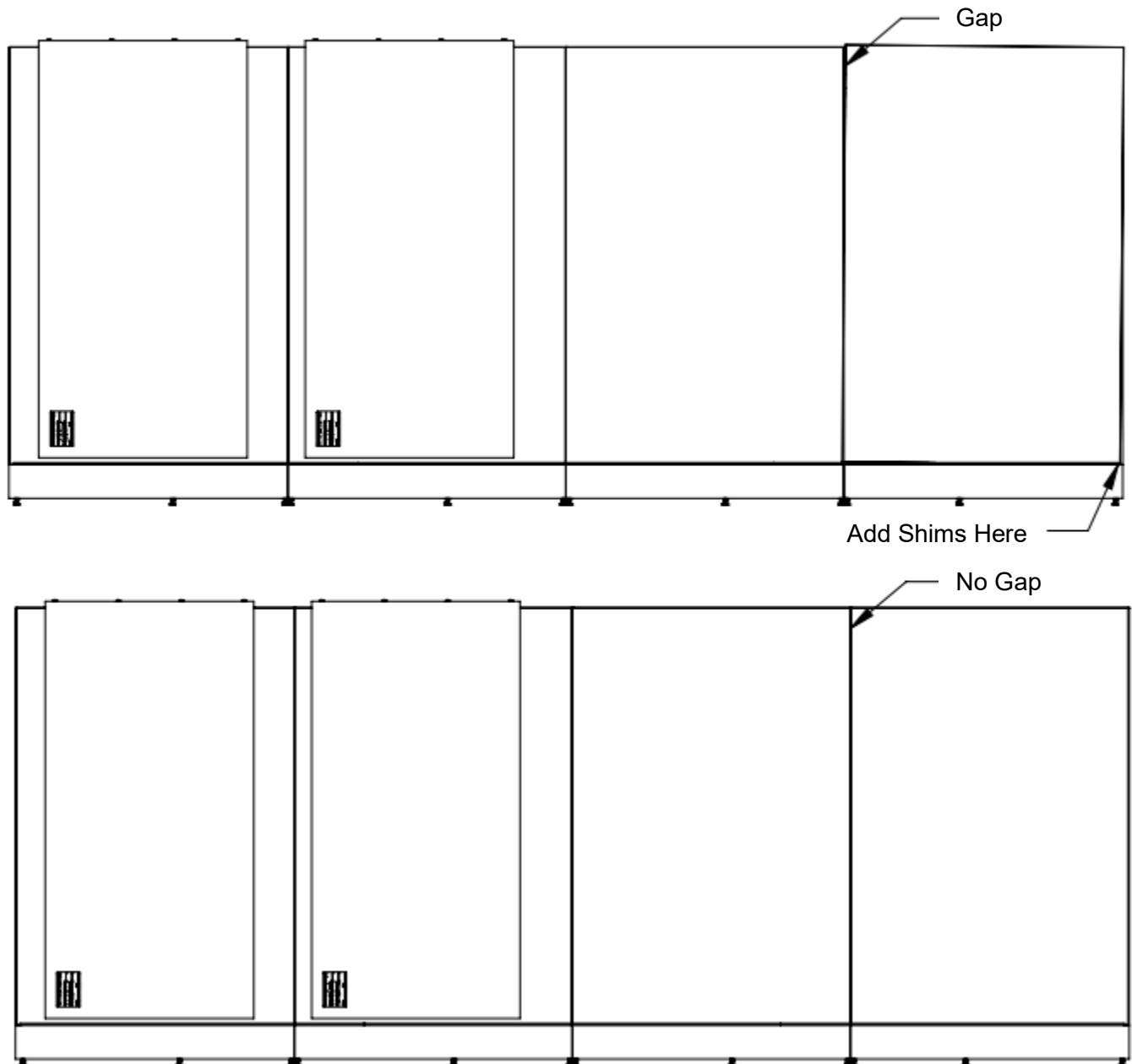
**Step 14.** Attach the protective plastic glass angle to the installed fixed glass by peeling the double-sided tape's exposed liner, then affix the tape to the back side of the glass.

**TIP:** Use a clean towel to wipe any residue off the back side and edge of the glass.



**Step 15.** Two (2) technicians are recommended for this step. Using suction cups, attach the remaining fixed glass panel(s) to the frame's French cleats and butt against the protective glass angle.

**TIP:** After attaching the fixed glass panels, use provided aluminum shims to create a hairline joint between the glass and protective plastic angle.



**Step 16.** Install the provided accessory marker holder to either the sliding panel assembly or adjacent wall as directed by the customer. Refer to the instructions provided with the marker holder.

**Step 17.** Remove any production labels from glass.

**Step 18.** Recycle all packaging material in accordance with local regulations.