GLIDE

Installation Instructions

Installers must read these instructions thoroughly and view **ALL** assembly videos before proceeding with the Glide installation. These videos are available on our website at the following address: **clarus.com/video-gallery/**.

The sticker below shows information specific to your Glide system. Review this list, and compare against the items included in your Glide crate. Ensure that the number of packs shown below matches the number of packs received.

The dimensions shown below will be referred to during installation.

QUALITY CONTROL CHECKS			
Assembly	Assembly	Hardware	Quality

IMPORTANT

The Glide system requires a minimum of 2-3 people to install. Do not attempt to install with less than 2-3 installers or without the complete list of tools shown below:

TOOLS NEEDED

- Cordless Drill(s)
- 1/4" *(6mm)* Drill Bit
- #2 Phillips Bit
- #2 Square Head Bit
- Small Punch for marking hole locations
- 8' *(2.5m)* Step Ladders (minimum of 2)
- Safety Glasses
- Safety Gloves (for handling metal)
- Vacuum-Type Glass Lifters (minimum of 2)
- Laser Level
- Laser Tripod
- Phillips Head Screw Driver
- Shop Vacuum with Flexible Hose & Small Crevice Tool
- 10' *(3m)* Nylon String
- Blue Painter's Tape
- Pencil or Fine Tip Marker
- Tape Measure
- Utility Knife

OVERVIEW OF GLIDE COMPONENTS

- The illustration below (**Fig. A**) is a general example of the location of typical components in a Glide system. Your system may include more or less than what is shown, but all Glide systems will install in a similar manner, regardless of size or orientation.
- Glide is supported by Upper and Lower fixed, wall-mounted tracks, made up of Standard and Custom Wall Sections. Taller systems have a third row of Adjustable Support Brackets in the center to provide additional support.

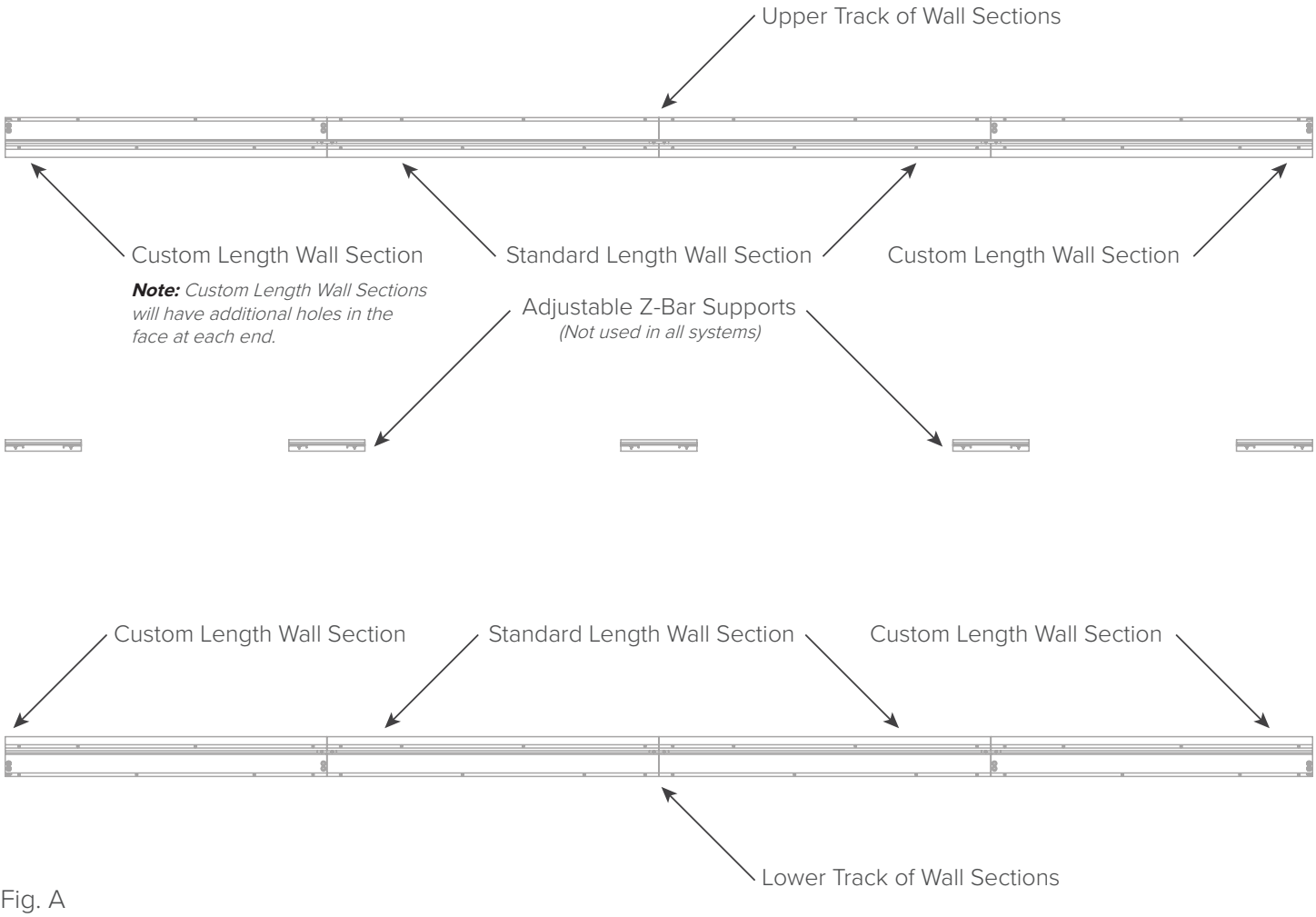
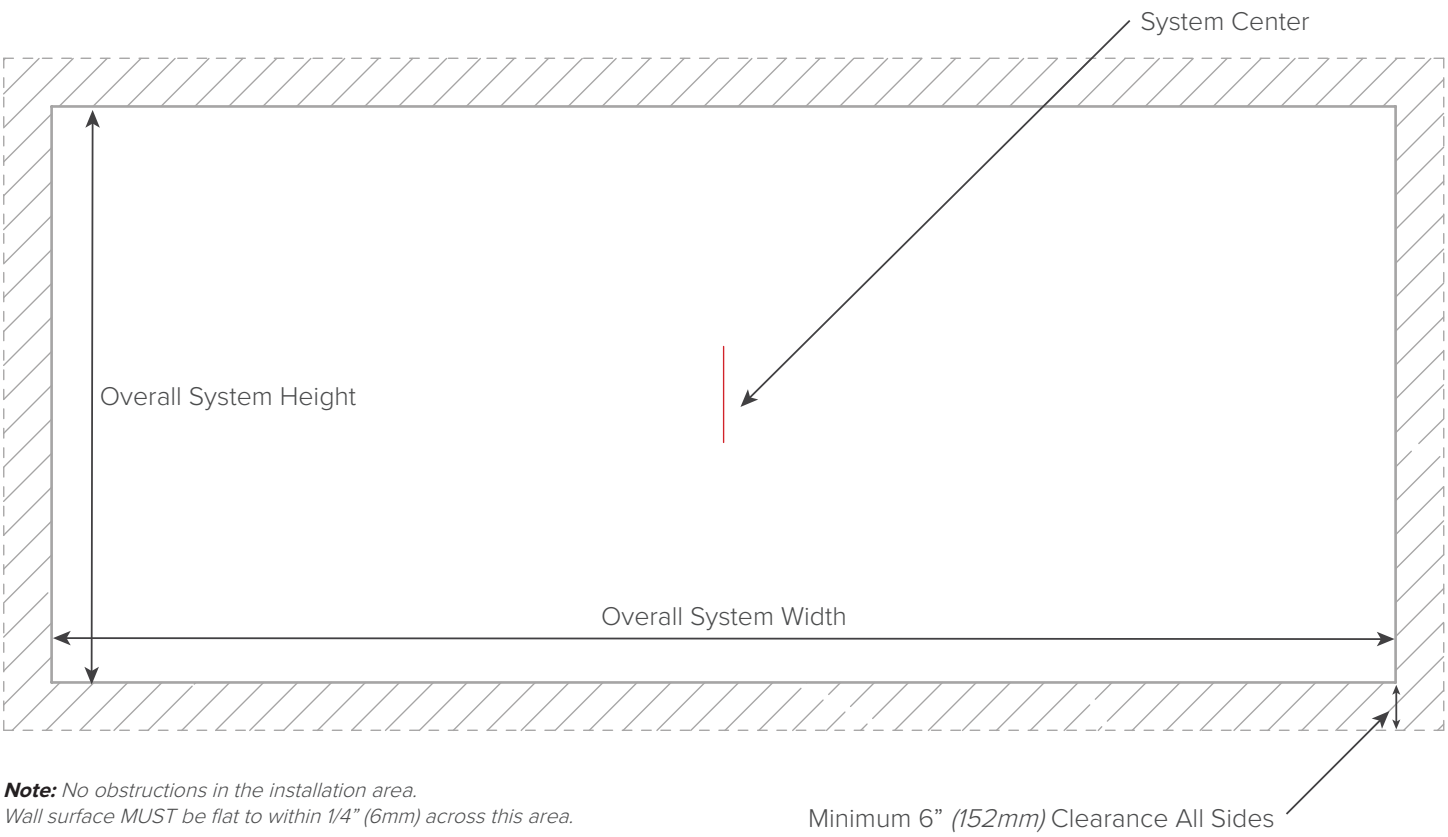


Fig. A

STEP 1 (Fig. B)

1. Using the Overall Width and Overall Height numbers provided on the cover page sticker, layout the overall system dimensions, allowing 6" *(152mm)* minimum clearance around the entire system location.
2. Using blue painter's tape or some other temporary means, outline the system location. Mark system center. Confirm these dimensions and layout, as the Glide installation will be based off of these locations.
3. Verify that there are no obstructions, electrical outlets, or other items mounted on the wall in the system location or extended clearance area.
4. Confirm wall flatness across the entire installation area is within 1/4" *(6mm)*. If it is not, **do not proceed with installation**. Correct wall issues or choose another location.



Note: *No obstructions in the installation area.*
Wall surface MUST be flat to within 1/4" (6mm) across this area.

Fig. B

STEP 2 (Fig. C)

1. Set up vertical laser line at system center.
2. Measure down from the top of the Overall System Height **1-7/16"** ***(36mm)*** and set a horizontal laser line at this mark. This line represents the **TOP** of the Upper row of wall track sections.
3. The horizontal laser line will be adjusted throughout the installation process to assist with installing different hardware pieces. The vertical laser line will stay in the same position for the entire installation. Be careful to ONLY adjust the horizontal laser line.
4. Find all packs labeled "Standard Wall Section" and remove the wall sections from their packaging. Divide these into 2 groups of the same number of sections. One of these groups will be used in the Upper Track and the other for the Lower Track.

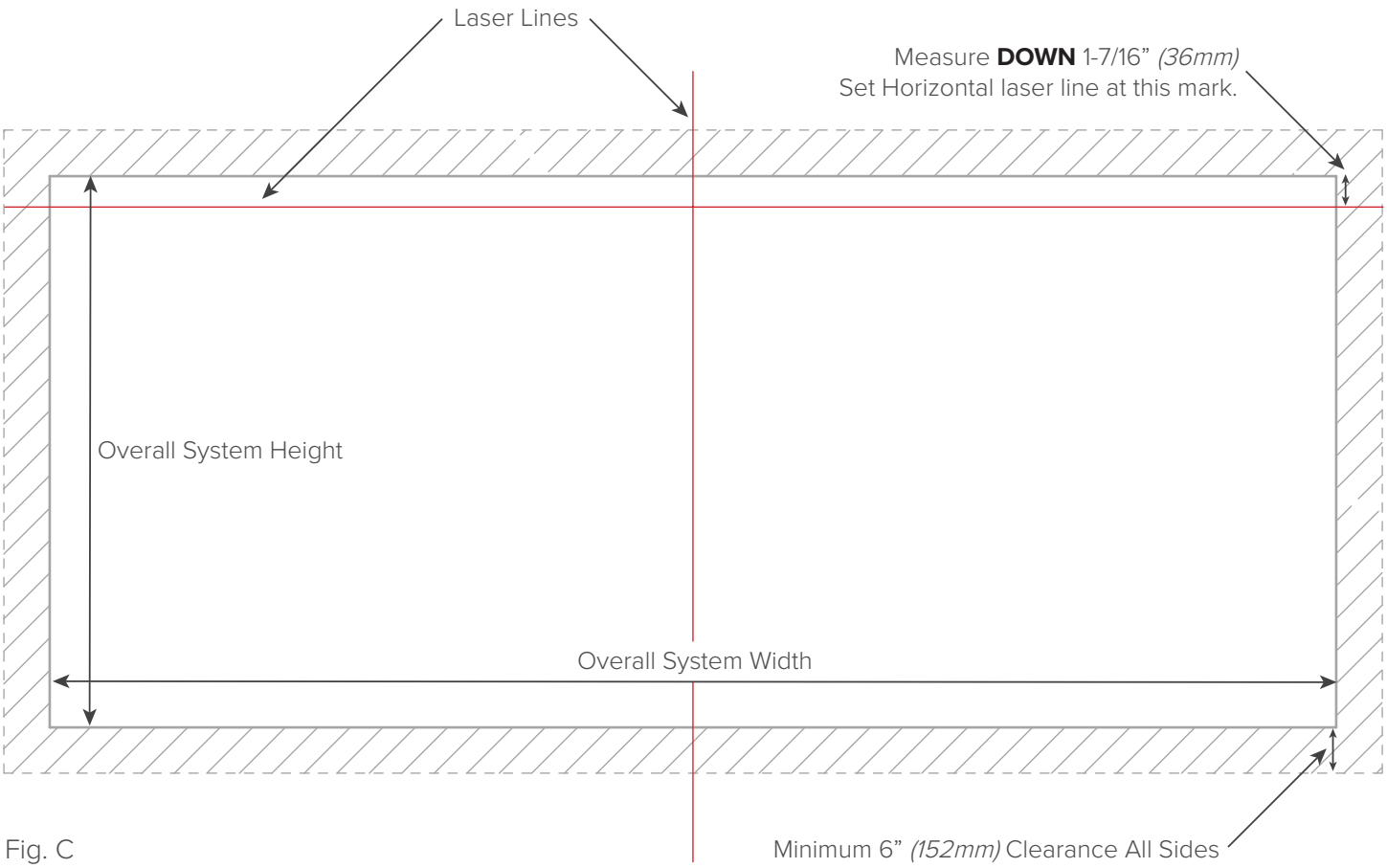


Fig. C

STEP 3 (Fig. D)

1. Before continuing with the installation, inspect the wall track sections, and make sure you are familiar with which side is considered the **TOP**. The Upper and Lower Track sections are installed in different orientations, and this will be referred to throughout the installation instructions.

Wall Section Side View

Note: *Both Standard Wall Sections and Custom Wall Sections have the same profile.*

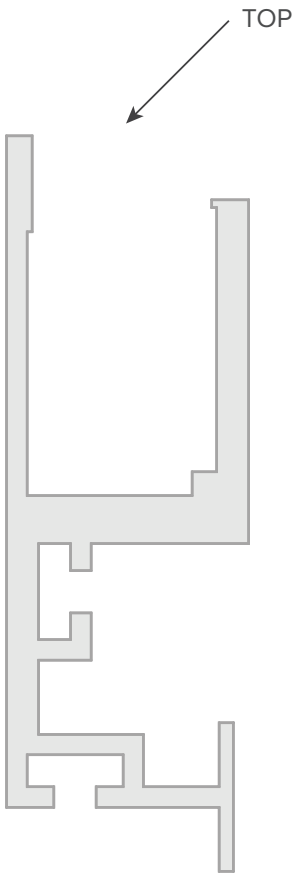


Fig. D

STEP 4 (Fig. E & F)

1. Refer to the cover page sticker to determine which system track installation type applies to your wall system (Type A or Type B). Using Standard Wall Sections, begin by lining the top of the first wall section up against the horizontal and vertical laser lines in the manner indicated in the track system type illustrations below.
2. Once you have determined the correct position for your first Upper Track section, hold the first section in position, and mark ALL hole locations with a punch.
3. Set wall section aside and drill wall anchor locations with 1/4" *(6mm)* drill bit. Install provided wall anchors flush with drywall.
4. Install wall section with supplied wall anchor screws. Reconfirm alignment when finished.

Type A

Install end of first section in line with vertical system center laser line.

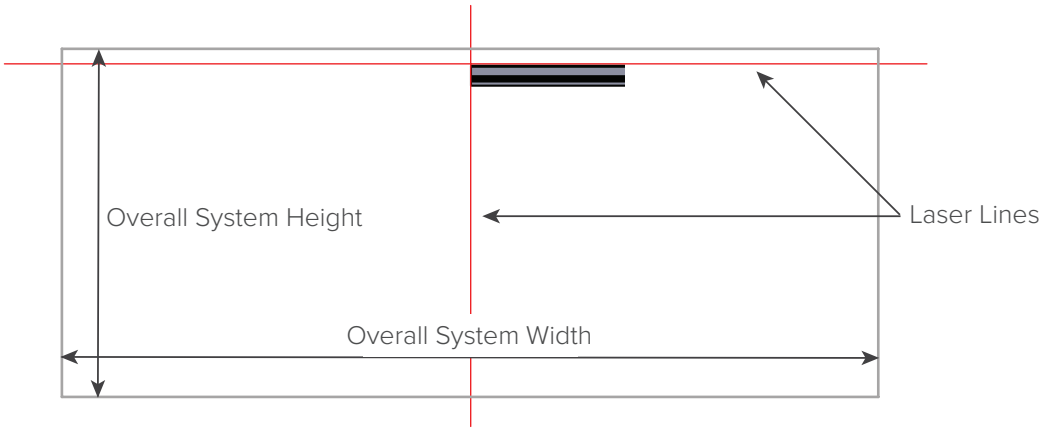


Fig. E

Type B

Install center of first section in line with vertical system center laser line.

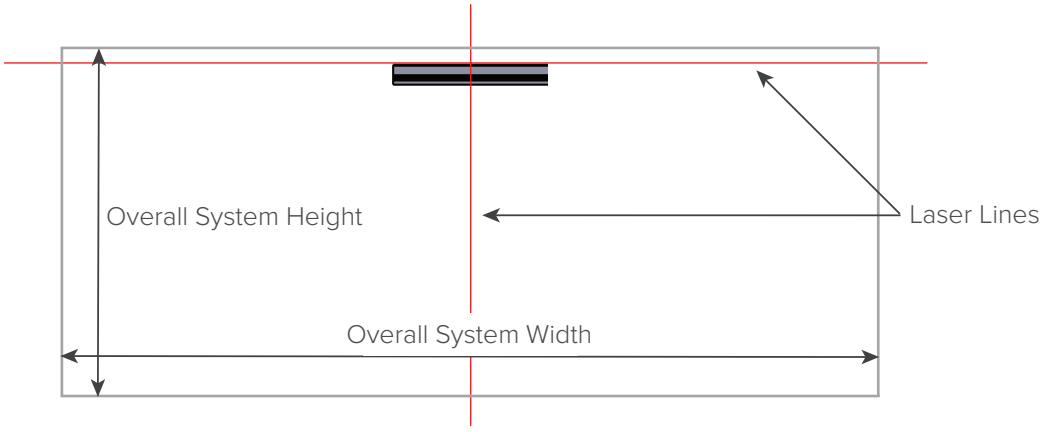
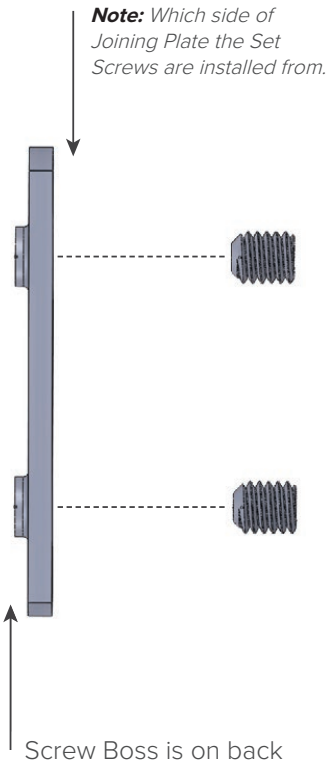


Fig. F

STEP 5



1. Once the first section is installed, install the remaining Standard Wall Sections for the Upper Track, so that when completed — there are the same number of sections on either side of the vertical system center laser line.
2. Each additional wall section must have (2) T-Slot Joining Plates installed prior to installation. (These are included in your hardware box and are labeled "T-Slot Hardware Packs"). Each T-Slot Hardware Pack consists of (4) T-Slot Joining Plates and (8) Set Screws. Each time a wall section is joined to another, you will need (2) Plates and (4) Set Screws.
3. Pre-install (2) Joining Plates and (4) Set Screws (**Fig. G**) into the seam end of the wall section (this may be the left end or the right end, depending on which side you will attach to the new section). The Set Screws are shipped loose, and must be started into the Joining Plates prior to installing. Note which way these are installed, as they should start on the smooth side of the Joining Plate.

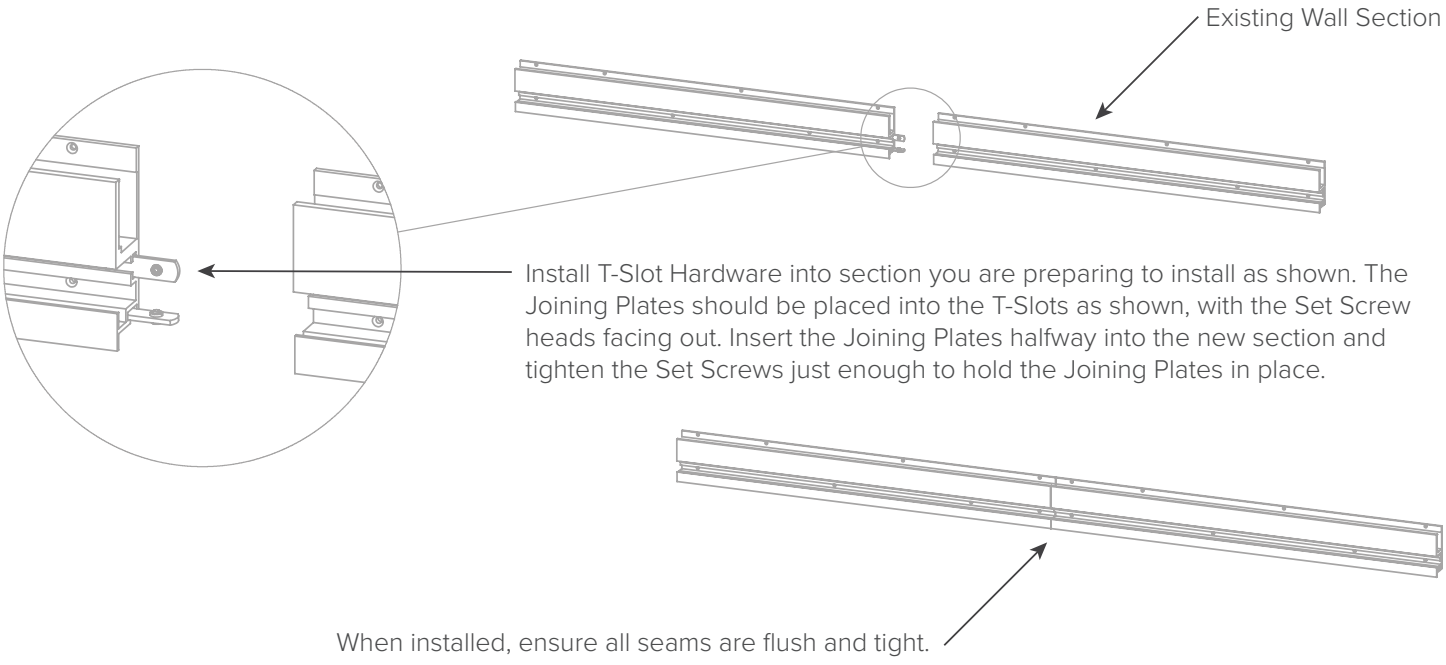


Fig. G

STEP 5 (CONTINUED)

4. Once the Joining Plates are installed, fit the new section together, ensuring that the new section lines up with the horizontal laser line and the seams between wall sections are tight and flush. Mark wall anchor locations. Set wall section aside, and drill and install all wall anchors.
5. Install Standard Wall Section, taking care to ensure all sections remain flush on all faces and even with laser lines when tightening all wall anchor locations. Tighten all (4) Joining Plate Set Screws. Some loosening and re-tightening may need to be done to ensure positions are correct and flush.
6. Repeat steps 1-5 for all Upper Track sections. Once you are finished installing all Standard Wall Sections, install one Custom Wall Section at each end of the row in the same manner. This will complete your Upper Track.

STEP 6 (Fig. H)

1. Your Upper Track is now complete. The Lower Track is installed similarly; however, it is installed upside down in relation to the Upper Track (the top side is facing **DOWN**).
2. To lay out the Lower Track, leave the vertical laser line at system center. Refer to the cover page sticker for **DIM A**, and measure down from the underside of the Upper Track, where it meets the wall, and place a mark. Set your horizontal laser line to this height. This horizontal line represents the **BOTTOM** of the Lower Track. ***Remember:*** *The Lower Track is installed with top face pointing down.*
3. Install the Lower row of wall track in the same manner as the Upper, paying special attention to ensure laser position and lower profile orientation are correct.

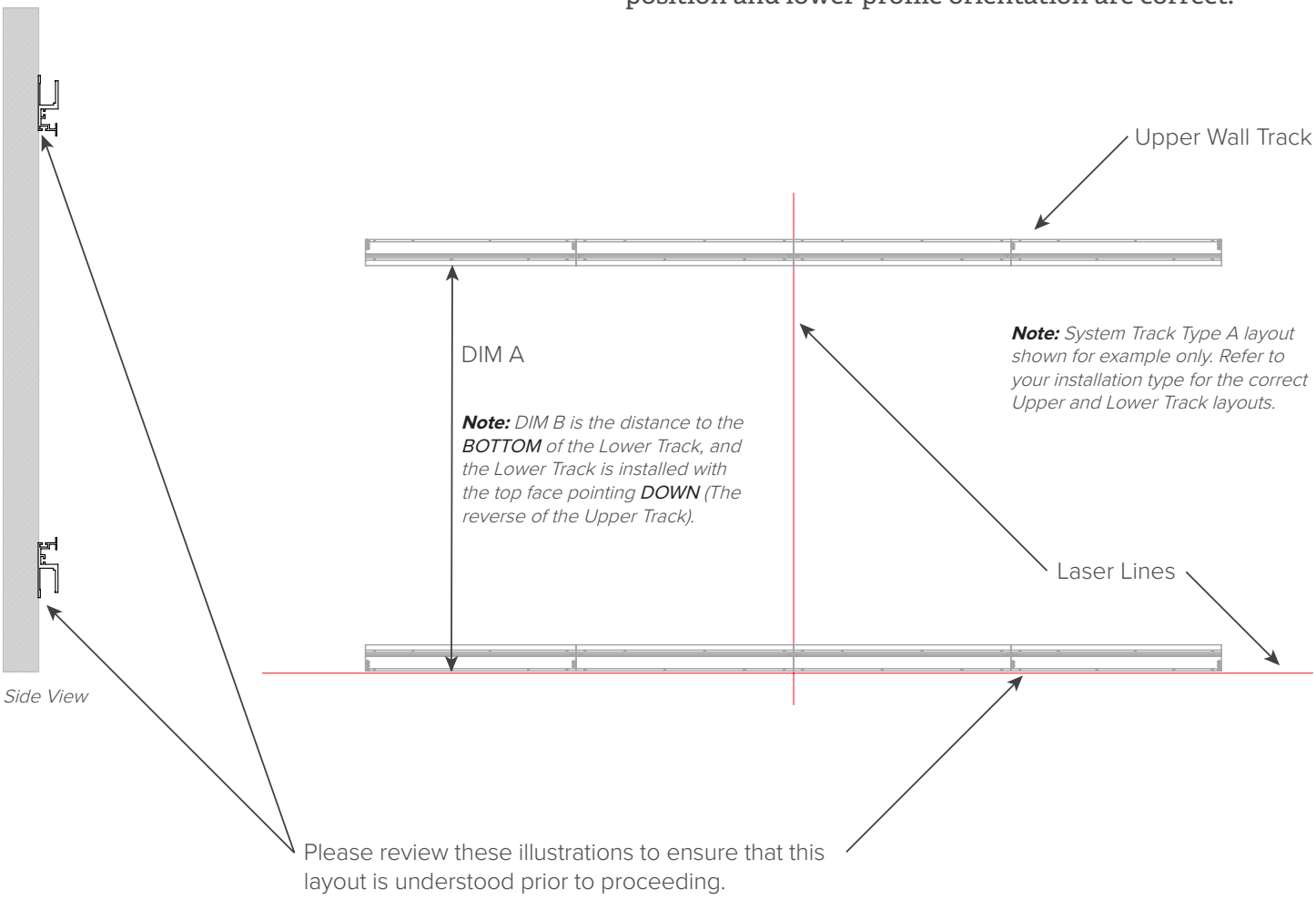
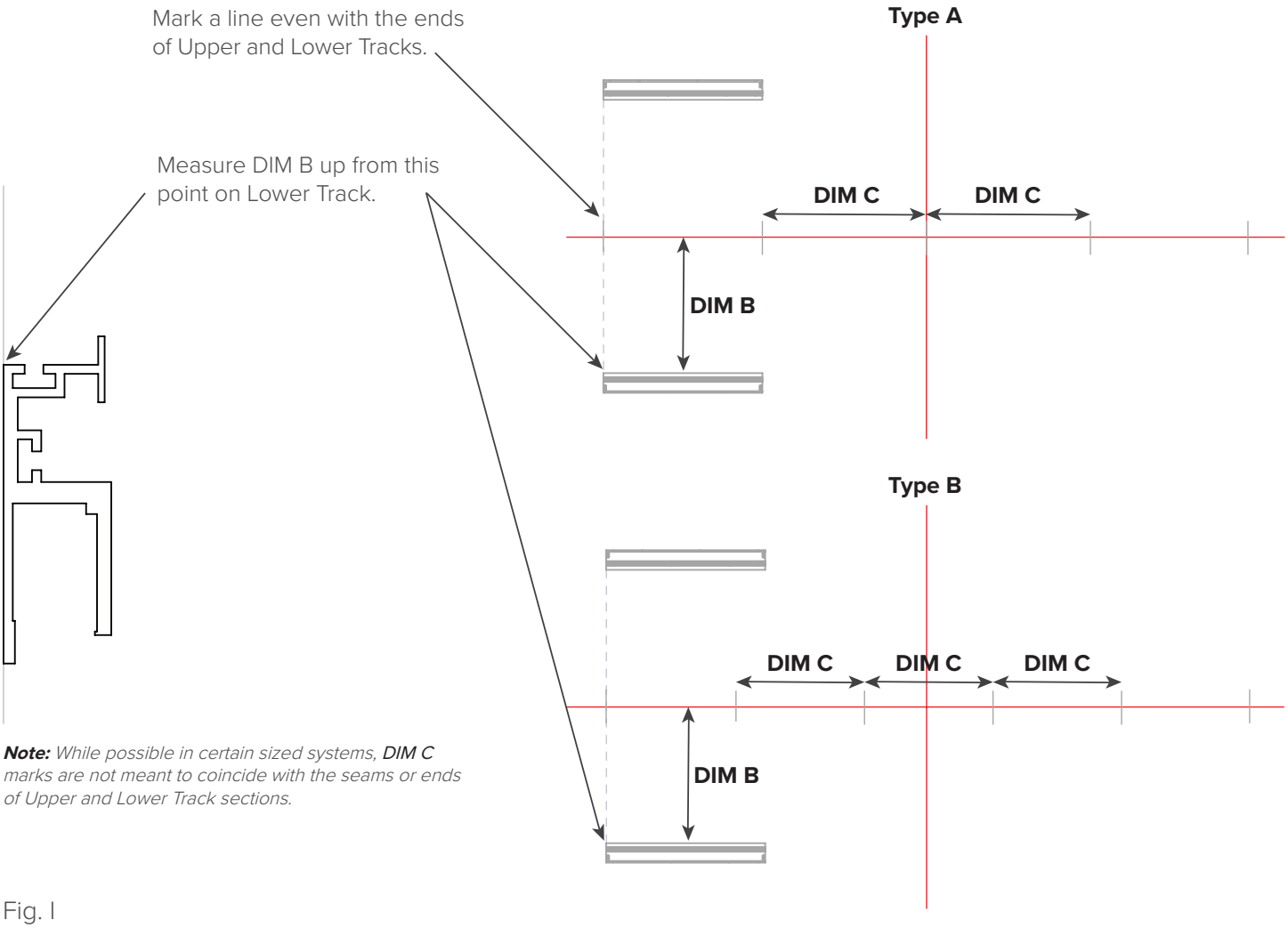


Fig. H

STEP 7 (Fig. I)

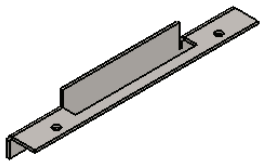
1. Refer to the cover page for System Glass Install Type (A or B) and for dimensions **DIM B** and **DIM C**.
2. **NOTE:** System Track Install Type may or may not be the same as the System Glass Install Type.
3. Leave vertical laser line at vertical system center. Measure up from point on Lower Track where shown, and place a mark **DIM B**. Place a horizontal laser line at this mark.
4. Using a straight edge across the ends of the Upper and Lower Tracks, mark a 10" *(254mm)* vertical line centered on the **DIM B** horizontal line as shown below. Do this at each end of the Glide system.
5. Depending on your System Glass Install Type, lay out **DIM C** locations until no more successive marks can be made between vertical system center and the lines made in step 4 above. Make each **DIM C** mark approximately 10" *(254mm)* long, centered on the **DIM B** horizontal line.



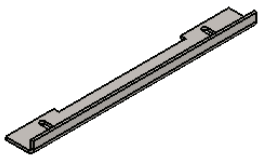
Note: *While possible in certain sized systems,* ***DIM C*** *marks are not meant to coincide with the seams or ends of Upper and Lower Track sections.*

Fig. I

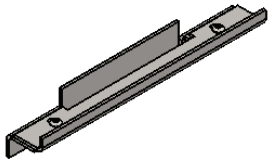
STEP 8 (Fig. J & K)



Bracket “Part A”



Bracket “Part B”



Fully Assembled Bracket

Fig. J

1. Glide systems with fixed, wall-mounted panels 60” *(1524mm)* or taller will come with a third row of Brackets to support the center of taller glass panels. If this applies to your system, it will be noted on the sticker on the cover page, and you will have “Adjustable Z-Bar Packs” included with your hardware. Follow the procedure below for installation. **If this does not apply to your system, skip this step, and move onto step 9 on next page.**
2. Adjustable Wall Brackets will be installed flush with each end of the system and centered at each seam between two fixed, wall-mounted panels. Locate the Adjustable Z-Bar Packs included with your system.
3. Align bottom edge of Part A with the top of the horizontal laser line as shown below, noting the alignment of the Brackets with DIM C and end of track marks made on previous page. The Brackets at the far ends of the systems are aligned with the end of the track system marks, whereas all center Brackets are centered on DIM C marks. This placement is critical and should be reviewed before marking hole locations.
4. Once locations are confirmed, mark hole locations, install wall anchors, and attach Part A to wall with supplied anchor screws.

Note: *A sample illustration of a Type A is shown below to illustrate Adjustable Z-Bar installation locations. Follow similar placement for Type B layouts.*

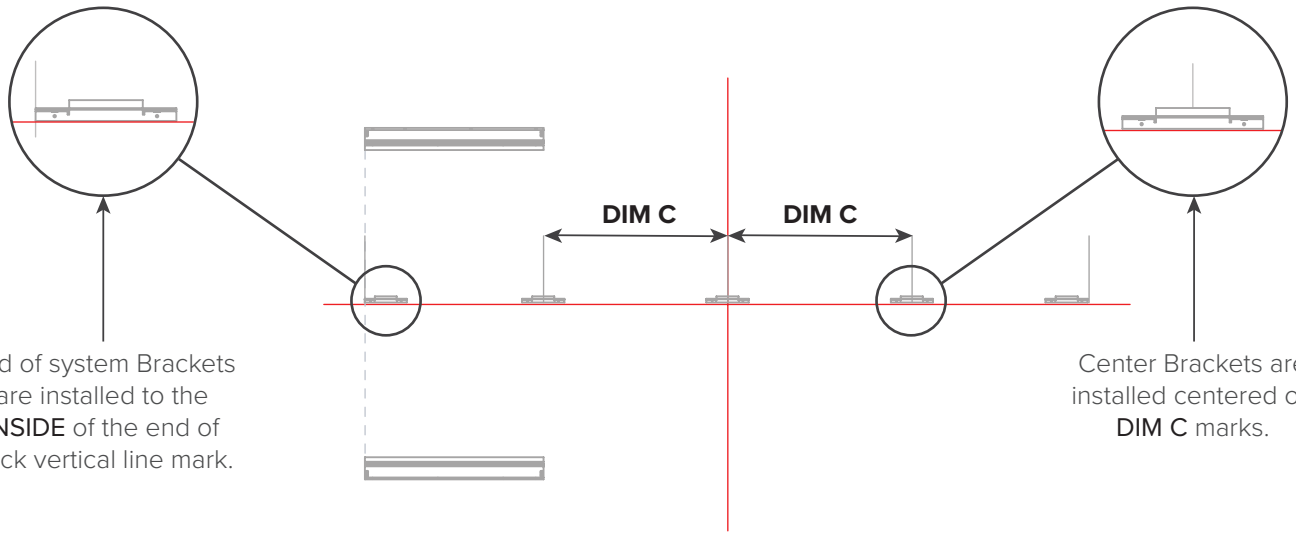


Fig. K

STEP 9 (Fig. L)

1. Install the top Bracket pieces onto the tops of the bottom Bracket pieces as shown below. Start the screws, but do not tighten.
2. Align a straight edge or string between the Upper and Lower Wall Sections in the area shown. Align the face of Adjustable Z-Bar Bracket to be in line with this straight edge, and tighten Adjustable Z-Bar Screws to lock into place. Repeat this process at multiple locations across the face of each Adjustable Z-Bar Bracket to ensure even alignment.

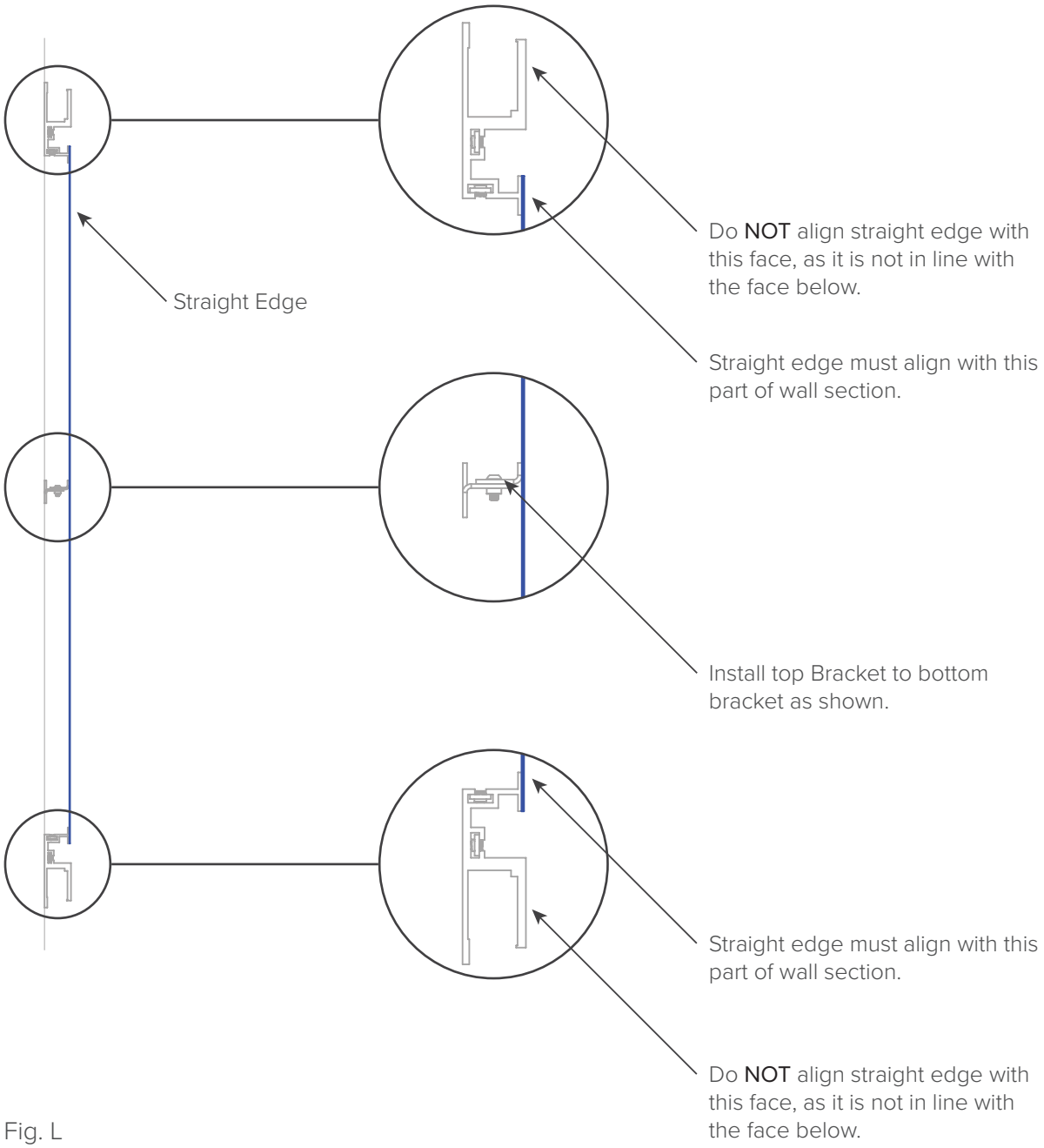


Fig. L

STEP 10 (Fig. M)

1. Locate the “End Stop Pack” included in the hardware box with your system. Remove the (4) End Stops and (8) 1-7/8” Flat Head Socket Cap Screws. The remaining items from the End Stop Pack will be used later in step 15.
2. The (4) end sections of wall track have (2) sets of End Stop holes. The End Stops will be installed in the holes closest to the ends of the system. When placing the End Stops in the tracks, make sure the orientation is correct as shown below, with the end of the End Stop with the tapped hole facing away from the wall track. Use the 1-7/8” flat head Screws to screw all (4) End Stops in place. The face of the flat head Screws will be flush with the face of the wall track when installed correctly.
3. Install Stops at both ends of the Upper and Lower Track sections.

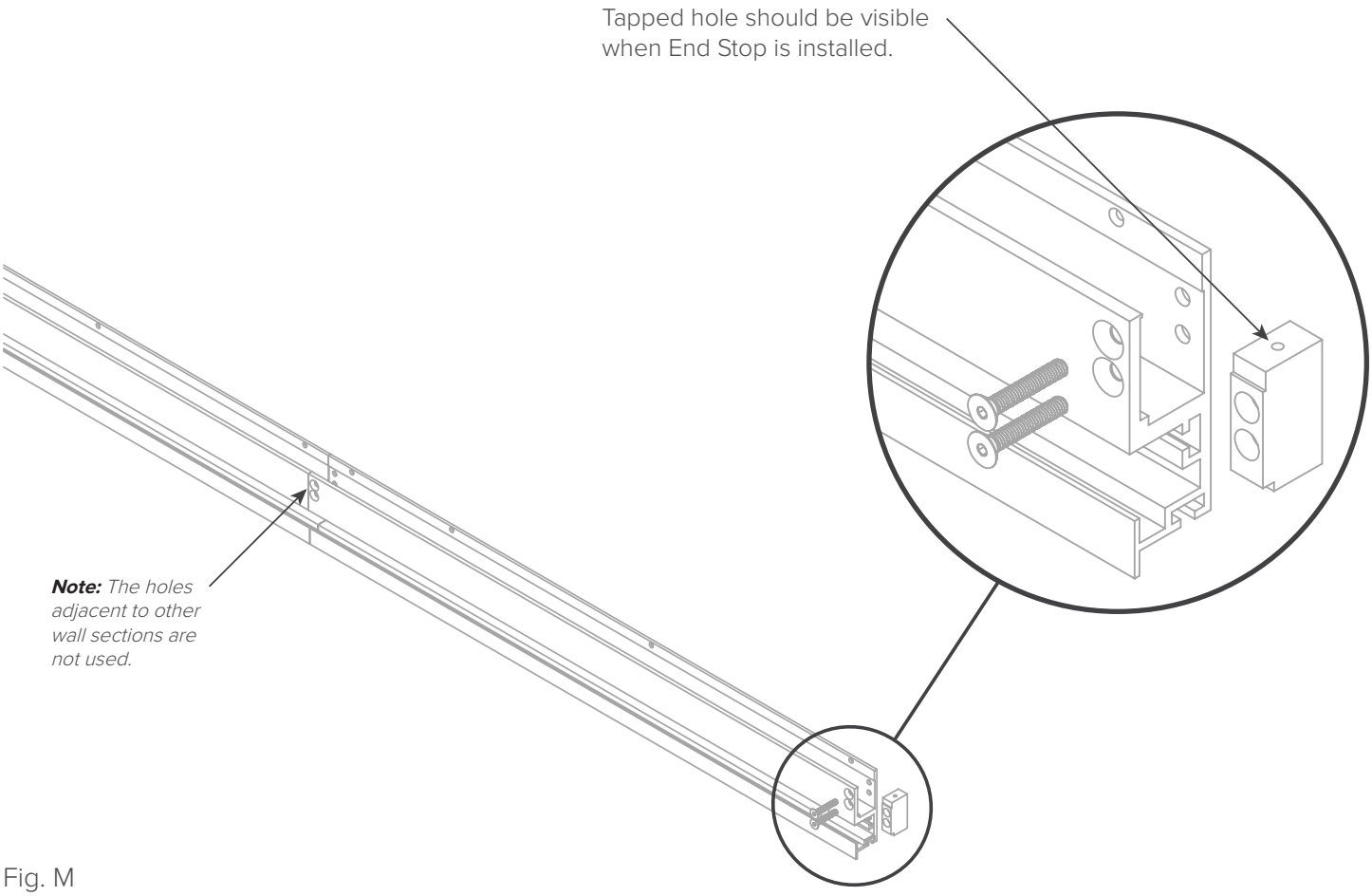


Fig. M

STEP 11 (Fig. N)

1. Locate the “Track Liner Box” included with your system. You will find (4) 2” *(50mm)* liner sections and (1) 1” *(25mm)* liner section. Track Liners are specially designed to allow the sliding wall panels to move smoothly and quietly across the entire Glide system.
2. The liners must be dry fit into position, using the foam placement blocks included in the Track Liner Box, and then adhered to each face by slowly removing the adhesive liner and pressing into place. The wall track is designed with specific liner pockets, and it is extremely important that the liner be installed in these locations to perform correctly. **Refer to the installation video for a visual representation on this part of the assembly.**
3. The Upper Track receives three liner sections — (2) 2” *(50mm)* and (1) 1” *(25mm)* — and the Lower Track receives two liners — (2) 2” *(50mm)*. Refer to the drawings below for the installation locations of the 5 liner sections.

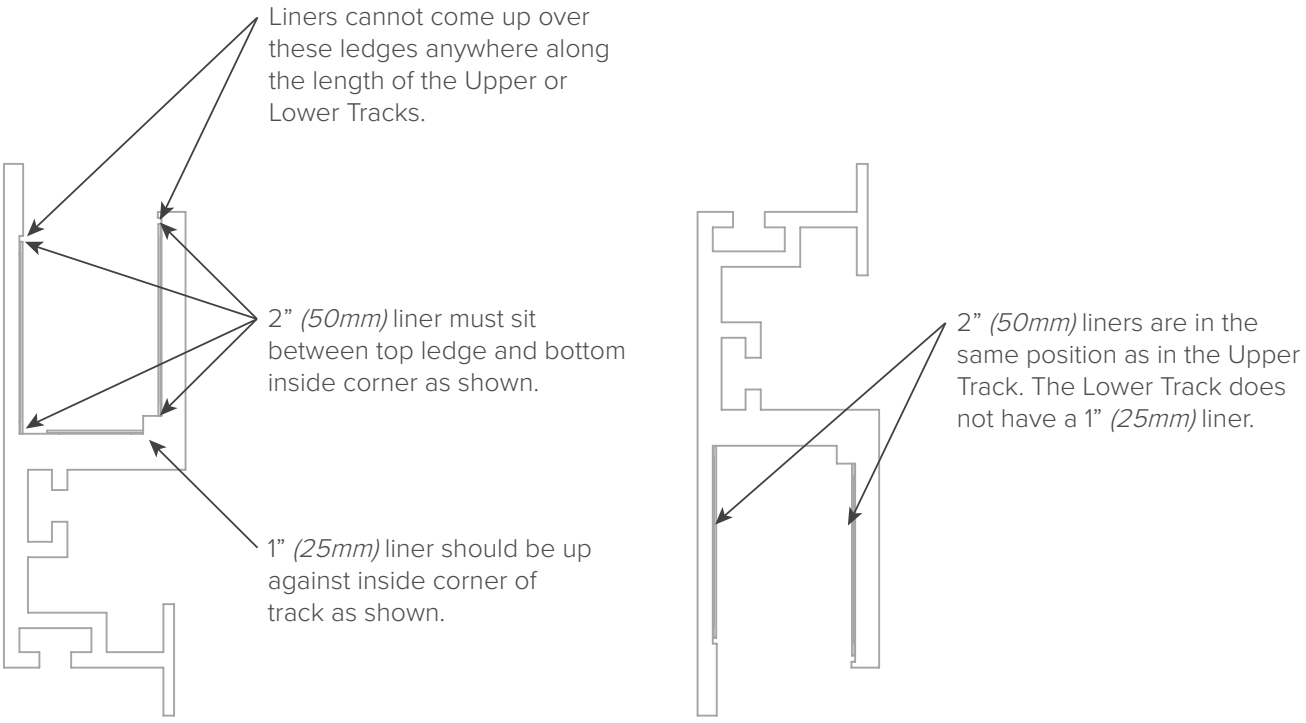
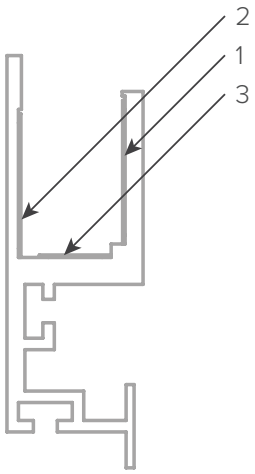
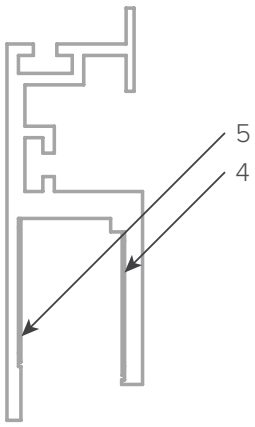


Fig. N

STEP 12 (Fig. O)



Upper Track



Lower Track

Fig. O

1. Liner installation should be done while wearing the appropriate hand protection. Thin "second skin" type metal handling gloves are recommended as they protect hands while still allowing feel and dexterity.
2. Before proceeding, the Upper Track section should be vacuumed out to remove any dust from anchor and screw installation. Visually inspect the track areas to ensure they are clear and clean of all debris.
3. Install the 2" *(50mm)* liners into the Upper Track first, starting with the front section of the track. Remove the first 2" *(50mm)* liner from the box (they are all taped together in one spool), taking extreme care not to kink the liner. Unroll it on the floor in front of the Glide system install. Using a minimum of one person for every 10' *(3m)* of track, carefully lift and place the liner inside the track, positioning the liner so that the red adhesive backing is against the face of the track it will be installed on.
4. Once the liner is resting inside the track, pay special attention to the locations in each face of the track where the liner must reside. Center the liner section lengthwise in the system (you will have 1/4" *(6mm)* or so of space between the end of the liner and each End Stop). Once centered, start at one end, and dry fit the liner in place, positioning it into the recess, where it will be installed. Wedge foam blocks (included in the Track Liner Box) into the track every 2' *(610mm)* to temporarily hold the liner in place.
5. Once the liner has been dry fit, is pulled tight, and is centered in the length of wall track, you are ready to remove the adhesive backing and press the liner into place. This should be done **from one end only**, working from one end to the other. Starting at one end, remove the foam block and remove the red backing from the first 3"-4" *(75mm - 100mm)*, leaving the backing sticking up above the track enough so that it can be grabbed and pulled by hand. Attach the exposed portion of liner to the track. Pull on the exposed backing as you work your way down the track to slowly attach the liner into position, removing the temporary foam blocks as you go.

STEP 12 (CONTINUED)

Fig. P

- Liner installation block details are shown below. Position the blocks roughly every 2' *(610mm)*. to position the liner prior to removing the liner backing. **Refer to installation videos for more details if needed.**

6. Continue with the other Upper Track Liners in the same manner, completing the rear 2" *(50mm)* next, followed by the bottom 1" *(25mm)*. **Note:** While the recesses in the sides of the track have minimal clearance to install the 2" *(50mm)* liner into, the recess in the bottom of the track for the 1" *(25mm)* liner has much more clearance. The liner should be towards the front of the track when installed, leaving room between the rear of the liner and the rear face of the track, for the backing to be pulled out once started.
7. Once the liner is installed in the Upper Track, proceed to installing the bottom liner in the same manner. Take extra care to ensure the bottom liner is dry fit into place prior to removing the liner backing. Adjustable viewing mirrors are suggested until the installer gets a "feel" for the recesses in the track and the correct positioning of the liner.

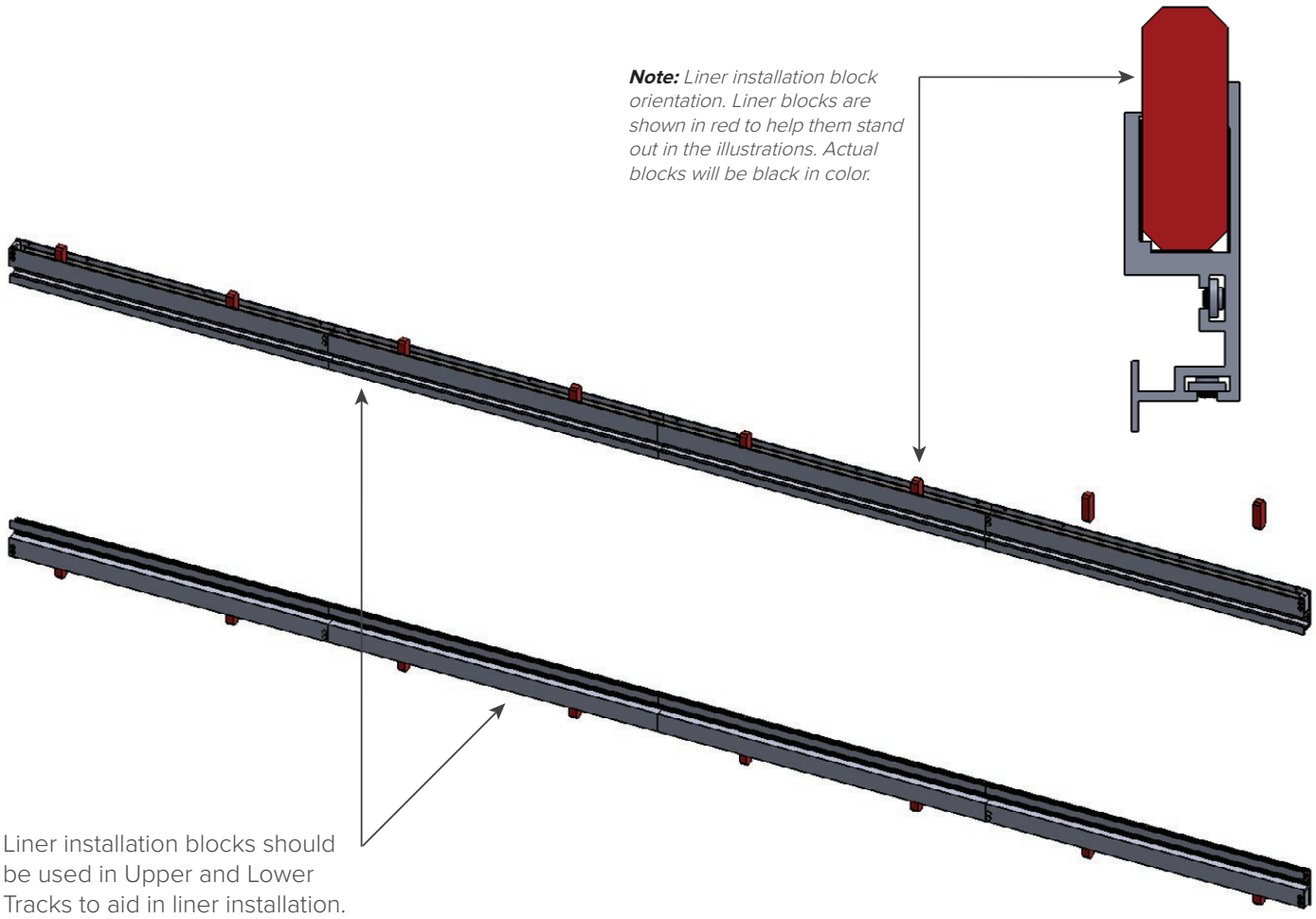


Fig. P

STEP 13

Fig. Q

- This illustration shows the location of the Adjustment Clips. These are pre-installed at the factory. If needed, these Screws can provide vertical adjustment of the glass for alignment purposes. Every 3 complete turns clockwise of the Screw will lift that end of the board by 1/16" *(1.5mm)*. A ball end Allen key is best for this purpose (included in hardware kit).
- If adjustment is made, make sure **BOTH** top and bottom Screws are adjusted. If this is not done, the fixed, wall-mounted panel will free float in some areas and may seem loose.
- Note that on taller fixed , wall-mounted panels over 60" *(1524mm)*, there will be a third mounting Bracket on the back of the glass panel (this coincides with the third row of Adjustable Z-Bar Brackets installed earlier). This third row will **NOT** have Adjustment Screws installed on them.

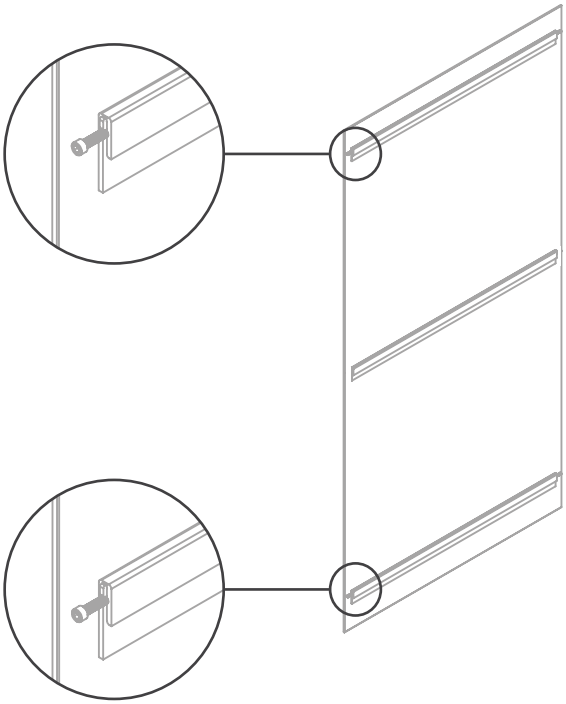


Fig. Q

1. The fixed, wall-mounted panels are now ready to be installed. These fixed, wall-mounted panels will be installed from the center of the system outwards, and will use **DIM C** wall layout completed earlier in the install process.
2. The fixed glass panels are loaded into the crate and numbered to coordinate with **TYPE A** or **TYPE B** install types.
3. Before proceeding with placing the first piece of glass, pay special attention to the following 2 details:
    - The fixed, wall-mounted panels have plastic T-Trim attached to one side. This is not to be removed and is a part of the installation. Spacing will not be correct if this T-Trim is removed, and damage may occur during install or use.
    - Each fixed, wall-mounted panel will have an Adjustment Screw in each end of the top and bottom mounting bars on the back of the glass to allow some minor adjustment during installation. The heights of these have been set at the factory and should not need to be adjusted; however, the alignment of each piece of glass can be fine-tuned after install, if needed, by using these small Adjustment Screws. **Refer to the installation video for a visual representation of this feature.**

STEP 14 (Fig. R)

1. Refer to the diagram below to determine the location and numbering sequence of the fixed, wall-mounted panels in your system.
2. Carefully remove each piece of glass from the crate and remove packing materials. Lift and place each piece in position using vacuum-type glass lifters. Ensure that the glass has dropped into place, fully engaging the glass Z-Bar Hooks with the appropriate positions in the wall tracks as shown below. Align the edges of the glass with **DIM C** marks made earlier. (Make sure the **DIM C** marks are lined up with the edge of glass, **NOT** edge of T-Trim.)
3. Ensure that T-Trim is behind both panels when installed, seams are tight, and panels are not loose. Slide the glass into position as needed.

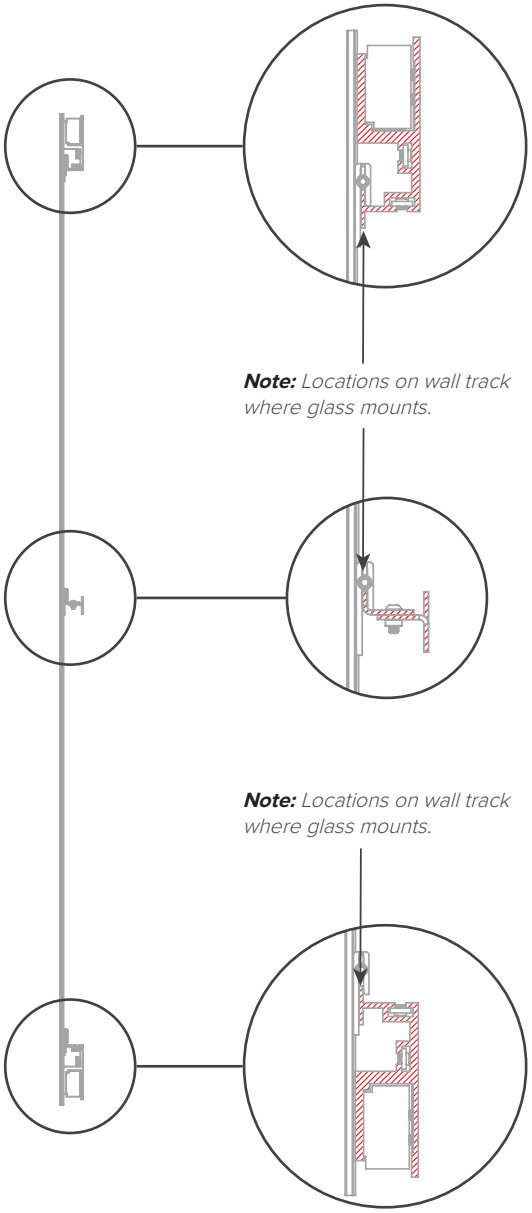
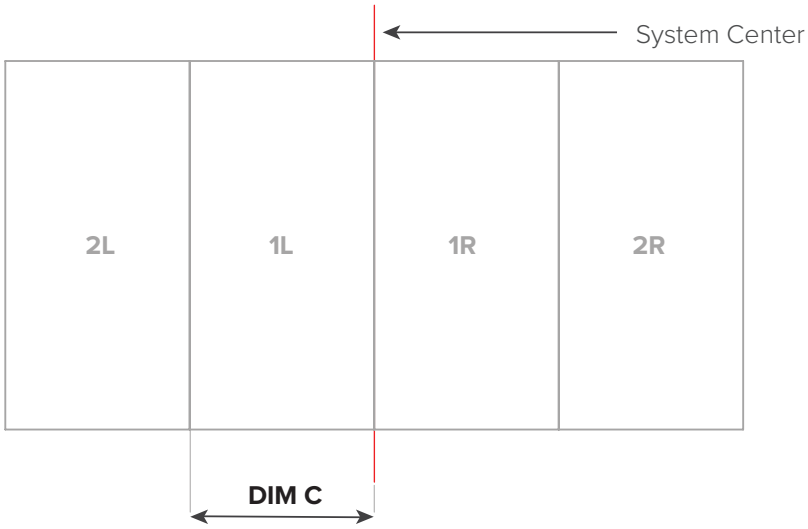
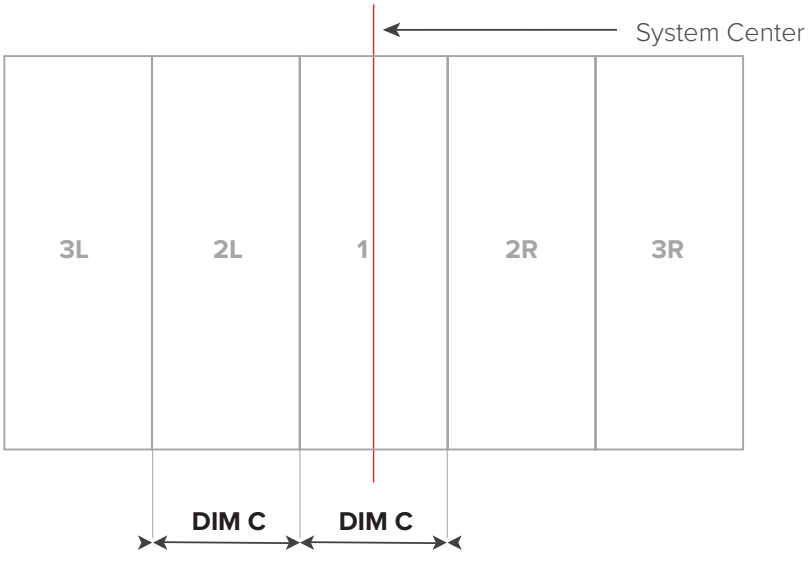


Fig. R

Type A - Installation Sequence



Type B - Installation Sequence



STEP 15

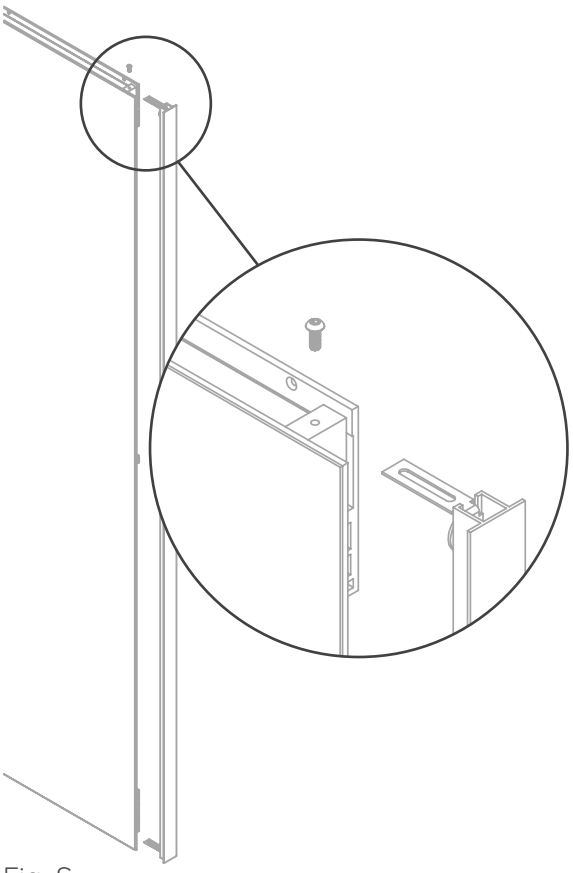


Fig. S

1. Included in the End Stop Pack opened earlier are 4 Brackets, 4 Washers, and 8 Screws. These are used to attach the End Closure Pieces to the sides of the fixed, wall-mounted track system.
2. Locate the (2) End Closure Pieces and attach the Brackets into the sides, near the top and bottom of the End Closure, as shown using 1 Washer and 1 Screw per Bracket (**Fig. S**).
3. On one end of the system, measure from the top of the glass to the top of the End Stop and subtract 3/16" *(5mm)* (**Fig. T**). Tighten the top End Closure Clip in place this distance from the top of the End Closure. Repeat for the bottom End Closure Clip.
4. Attach the completed End Closure to End Stops in the Upper and Lower Tracks using one bolt each. Check for plumb and tighten into place (**Fig. U**).
5. Repeat for both ends of the Glide system.

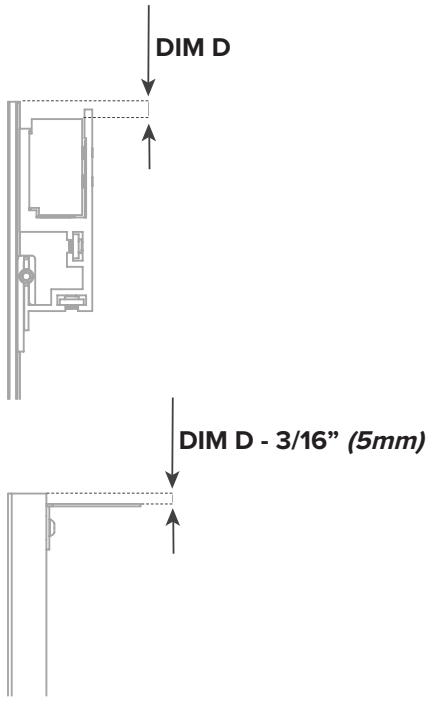


Fig. T

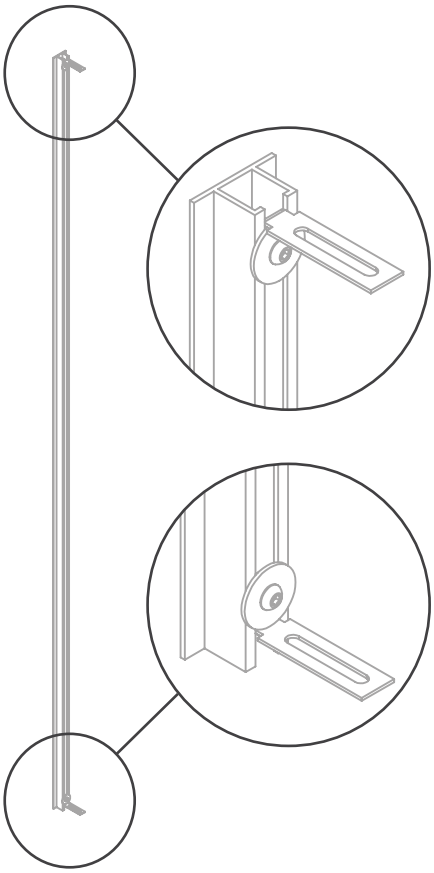
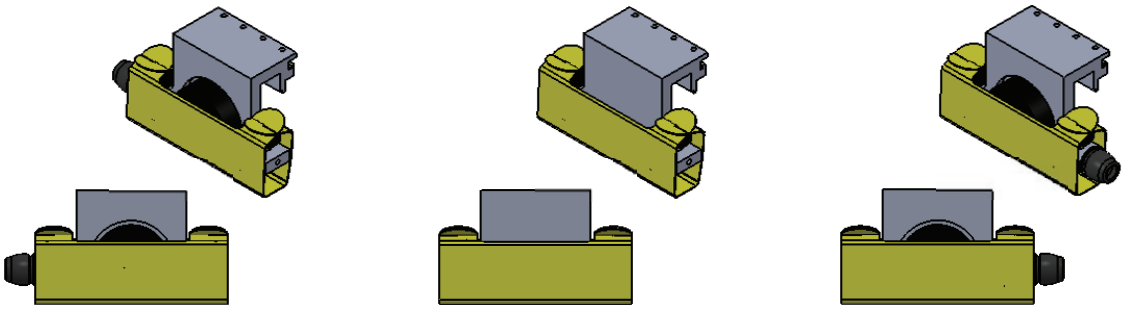


Fig. U

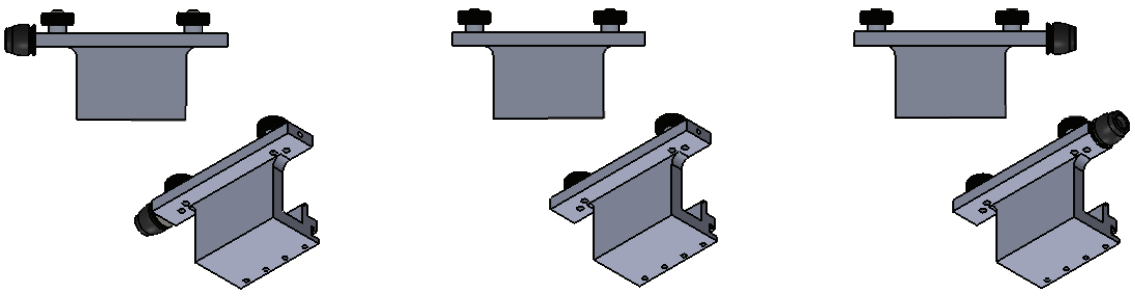
STEP 16 (Fig. V)

1. Locate the “Wheel Packs” included with your Glide system. Depending on the configuration and number of sliding panels, you may have one or more “Standard Wheel Packs”. If your sliding glass panels are wide enough, you may also have one or more “Middle Wheel Packs”.
2. Locate all of these packs included with your system. There are several types of Carriages, and these are location specific. Please refer to the illustration below and familiarize yourself with the different orientations. All orientations shown refer to the position of the Carriage when viewed from the **FRONT** of the sliding panel. The illustration below shows how the Carriages will look when installed, which will be done from the **BACK** of the panel.



Top Right **Top Middle** **Top Left**

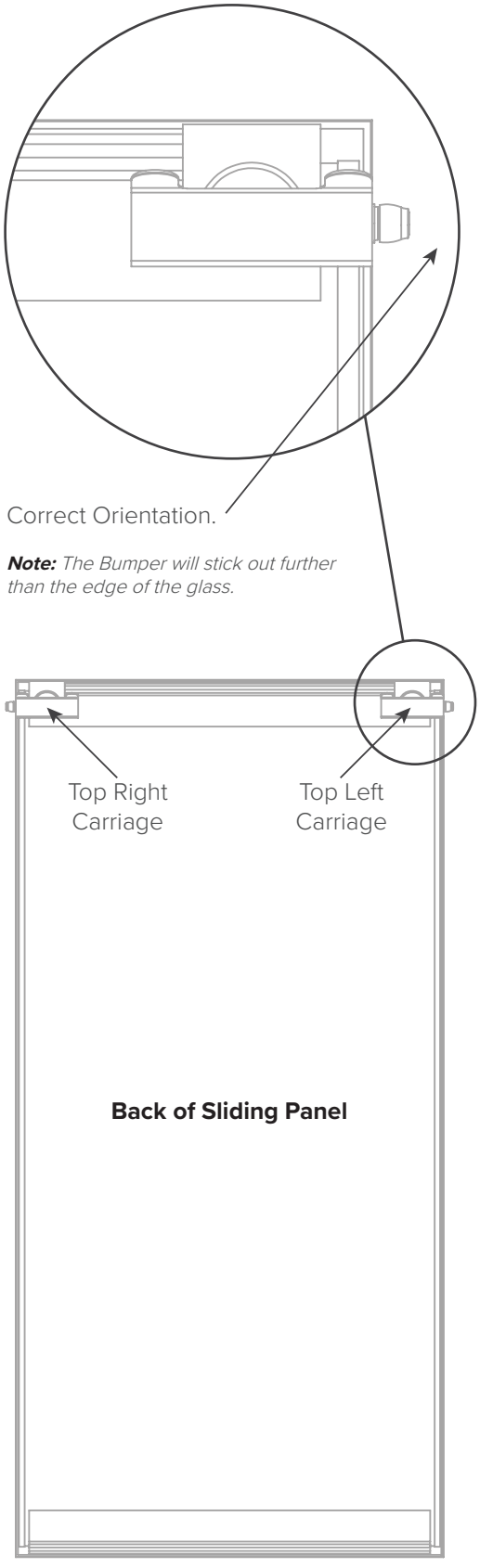
Note: *The **TOP** Carriages all have a yellow protective Cover on them. Do not remove this until told to do so in the instructions. The **BOTTOM** Carriages do not have this cover.*



Top Right **Top Middle** **Top Left**

Fig. V

STEP 17



Note: *The Bumper will stick out further than the edge of the glass.*

Fig. X

1. Uncrate one sliding panel, and remove packing material. It is preferable to have a flat, clean surface to temporarily place the glassboard on while installing the Carriages. Lay the sliding panel glass face down on a clean, flat surface.
2. If your system includes Middle Wheel Packs, install the upper middle wheel Carriage **FIRST**. (If it does not, move to the next step). Slide the top middle Carriage into the track at the top of the glass panel and position it in the center of the board. Tighten the Set Screws with the provided Allen wrench.
3. Install the top left and top right wheel Carriages, so that the end of the Carriage body lines up flush with the end of the track the Carriage slides into (**Fig. W**). **This is critical to maintain necessary clearances.**
4. Refer to the illustrations below to ensure that the wheel Carriages are placed in the appropriate positions. When viewed from the back, the **TOP RIGHT** Carriage will be on the left side, and the **TOP LEFT** will be on the right. The Bumpers should point towards the outside of the board. **Note:** The Bumpers **WILL** stick out farther than the edge of the glass when installed correctly (**Fig. X**).
5. Once location and positioning has been confirmed, tighten Carriages into place using the (4) Set Screws on top of each Carriage.

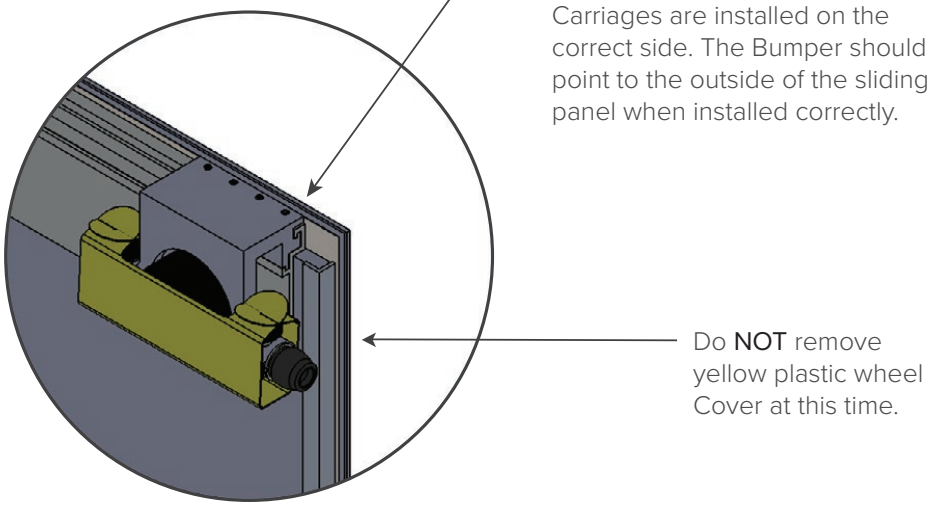


Fig. W

STEP 18

1. Once all **TOP** Carriages are installed, use vacuum-type glass lifters to lift and place the sliding panel into the Upper Track. Using two people to lift the panel, and a third person on a ladder to confirm placement, hold the panel at a slight angle and lower into place (**Fig. Y**). **Make sure that all top wheel protectors are in place.**
2. Do not rest the slider against the fixed, wall-mounted glass. Once the slider is lowered down into position, place one U-shaped pad on each side of the sliding panel, approximately 1/3 of the way up from the bottom.
3. With the temporary protective pads in place, carefully rest the sliding panel against the rear glass. The foam pads should prevent any part of the sliding panel from touching the fixed, wall-mounted glass panels and should also hold the sliding panel away from the wall enough to allow the **BOTTOM** wheel Carriages to be installed.

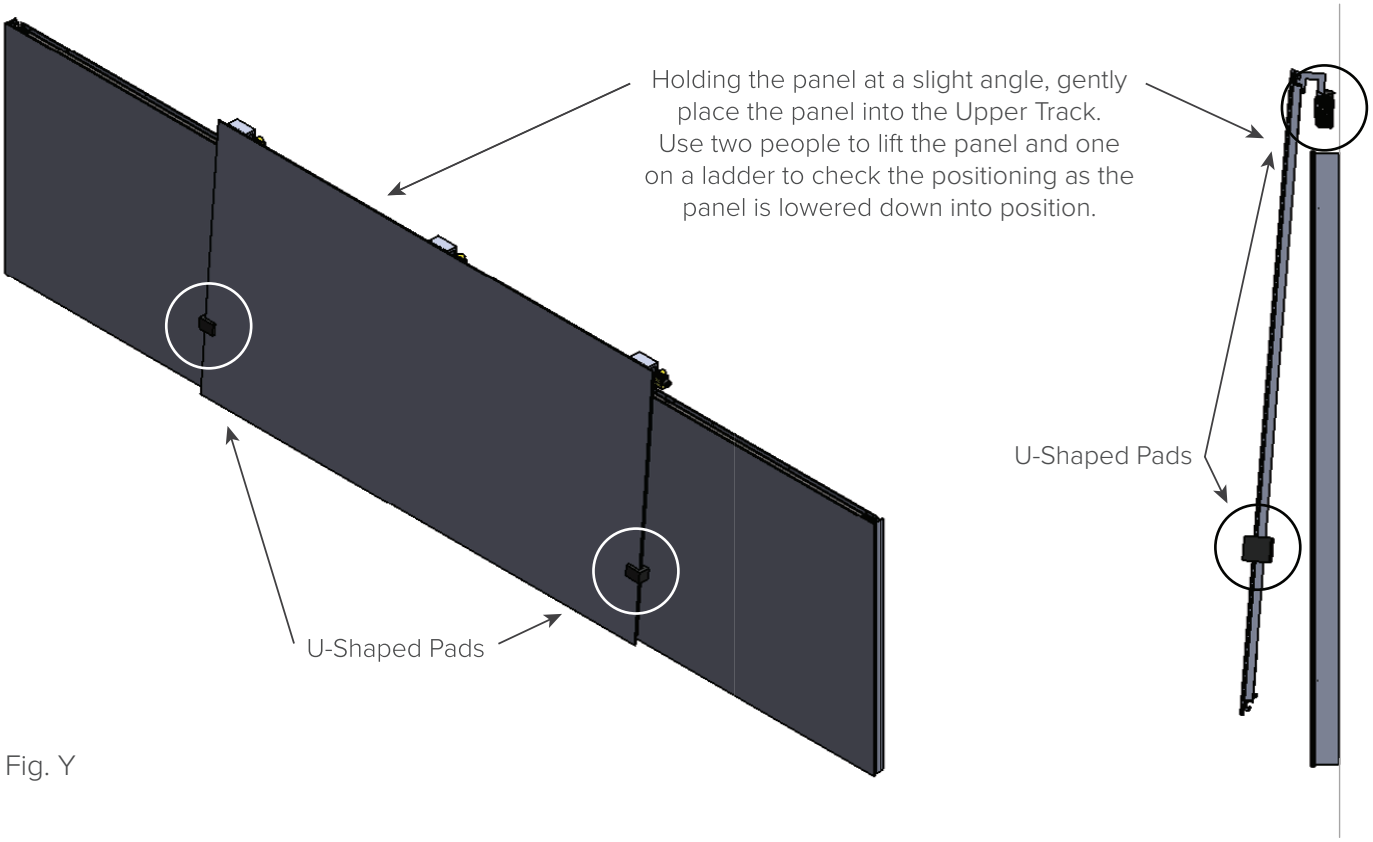
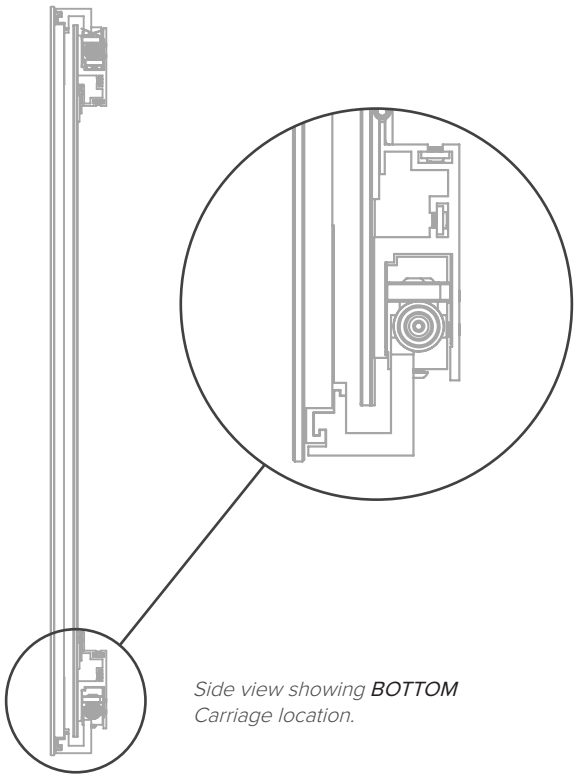


Fig. Y

STEP 19



*Side view showing **BOTTOM** Carriage location.*

Fig. Z

1. Install bottom wheel Brackets by carefully sliding them in the Lower Track and into the Bracket on the back of the sliding panel (**Fig. Z**). Make note of the orientation of the Carriages, so that they match the orientation of the **TOP** Carriages. Bumpers should point in the same direction. If your sliding panels include **BOTTOM MIDDLE** Carriages, install those first.
2. Do not yet tighten Set Screws in **BOTTOM** Carriages. Slide them into general position, and move on to the next step.
3. Unhook the tops of the yellow wheel Covers on the **TOP** Carriages, so that they are loose. Gently slide the sliding panel to one side enough to roll the sliding panel out of the Covers. Remove the Covers from the track.
4. Slowly slide the sliding panel until the **TOP** Carriage hits an End Stop in the track. With the Bumper of the **TOP** Carriage up against the Upper Track End Stop, slide the **BOTTOM** Carriage over until it rests against the Lower Track End Stop. Tighten the Set Screws on the Carriage to lock it into position. Remove temporary foam pads from the side of the sliding panel.
5. For boards with **BOTTOM MIDDLE** Carriages, center those Carriages and tighten Set Screws.
6. Repeat for the other side of the sliding panel.
7. Repeat the install process for additional sliding panels, using End Stops or Bumpers from previously installed sliding panels to align the **BOTTOM** Carriages on each successive sliding panel installed.

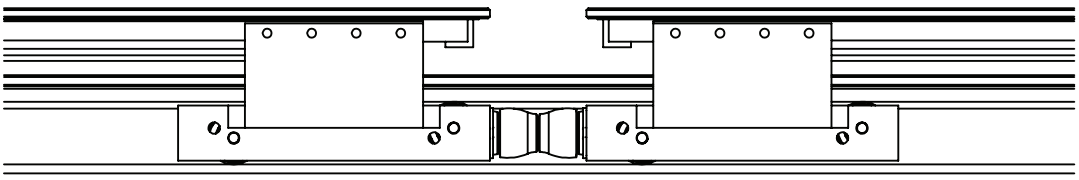


Fig. AA

***Note:** The gap between panels and Bumper location when properly installed. This is for safety reasons and damage prevention.*

Fig. AA
Confirm positioning of Bumpers in relation to End Stops and adjacent sliding panels. Panels will not slide completely to the end of fixed, wall-mounted panels, and they will not get closer than approximately 2" *(50mm)* to any other sliding panel. Do **NOT** try to defeat this feature either by removing the Bumpers or relocating the wheel Carriages.