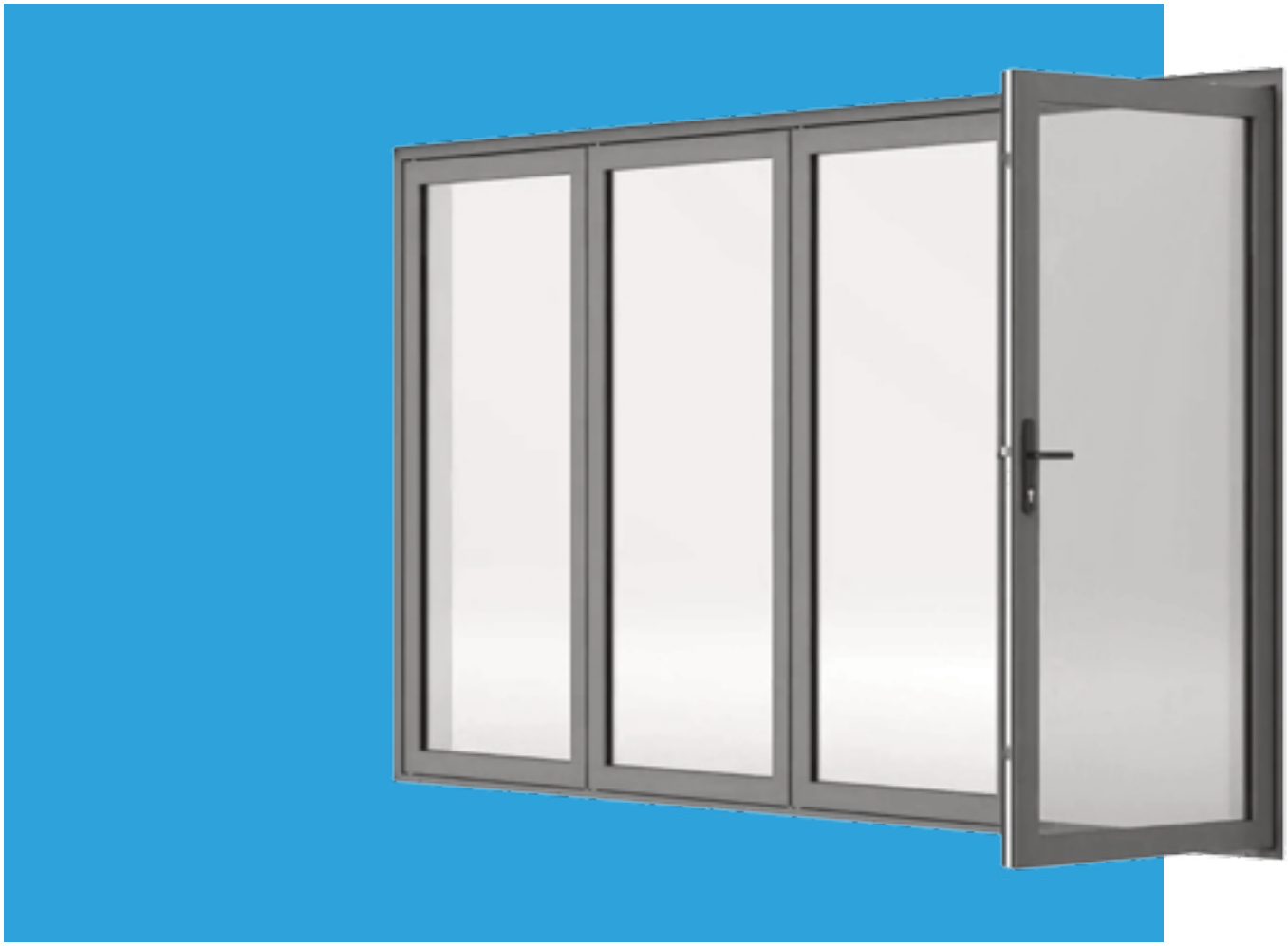


Panoramic Door™ Block Frame Installation Manual

Signature Aluminum Series Absolute
Vinyl Series

Aluminum top and bottom track with either aluminum or vinyl panels

PANORAMIC DOORS
15050 Frye Road Fort Worth, TX 76155
817-952-3500 | www.panoramicdoors.com

Thank you for choosing Panoramic Doors!

Congratulations! You have purchased a multiple award-winning door that is known for quality, ease of use, and innovative design. Whether you want to open up a room in your home or create a more attractive environment for your clientèle, the Panoramic Door™ is the perfect choice!

In this manual you will find all the information you need to properly install your door. If you have any questions regarding the door system, installation, or care, please contact Panoramic Doors or your dealer.

Your door has been assembled and inspected in the factory to ensure that it meets order specifications and quality .

All items have been packaged to prevent damage in transit. **Please inspect all door components to insure they have arrived without damage.**

All Panoramic Doors are packaged and shipped with all components.
Panels are factory glazed and all operational hardware (head rail magnets and bolts, bottom track hinge blocks, and locks) are pre-installed. The door frames are covered with protective tape that should only be removed once the installation has been completed.

***We do not include sill pan, sealants, fasteners, bolts, shims or other parts needed to anchor and secure the door frame to the rough opening**.

**A sill pan is recommended for all installations.

NOTE
Regulations regarding the use of glazed doors, storefronts, partitions and windows vary from state to state. It is the sole responsibility of the building owner, engineer, architect, contractor, or independent installer to verify that the products ordered fulfill federal, state, and local codes and regulations.
Panoramic Doors do not assume any responsibility or obligation for failure of the building owner, architect, contractor or installer to fulfill the necessary safety and building codes, laws and ordinances.

PLEASE READ THE COMPLETE INSTRUCTIONS BEFORE YOU START INSTALLATION. THE PANORAMIC DOOR SYSTEM IS A UNIQUE OPERATIONAL SYSTEM THAT REQUIRES ATTENTION TO DETAIL AND PRECISION. FOLLOW EVERY STEP AND UNDER NO CIRCUMSTANCE CUT OR RESIZE ANY OF THE COMPONENTS. FAILURE TO COMPLY WILL RESULT IN MALFUNCTION AND OR DAMAGE TO PARTS RESULTING IN THE TERMINATION OF ANY WARRANTY, WRITTEN OR IMPLIED.



Before you begin installing your door!

Please inspect doors for any damage that might have happened during shipping. This damage **MUST** be notated, and Panoramic Doors must be notified PRIOR TO INSTALLATION of the door. Please provide photos of any damages PRIOR to installation. Please take pictures of all or any damages you find and call Panoramic doors right away.

Also, the use of expansion foam is not allowed this causes pressure to push onto the frame and causes the panels to not function.
This will void your warranty.

To report any shipping damage, please go to:
http://panoramicdoors.com/resources

Call the installation help line for any Questions or help: +1 844-587-0531

WOOD CLADDING



If your product has wood cladding, the wood must be sealed within 7 days of installation.

Failure to properly seal the wood within 7 days of installation will void your warranty.

DO NOT ALLOW UNFINISHED WOOD TO COME INTO CONTACT WITH WATER OR PROLONGED DIRECT SUNLIGHT AS IT CAN CAUSE DISCOLORATION, WARPAGE, SHRINKAGE AND OTHER DAMAGE.

Installing Your New Panoramic Door Properly



INSTALLATION VIDEOS AVAILABLE ONLINE
http://panoramicdoors.com/resources/installation-videos/

Your Panoramic Door is a custom manufactured product. Unlike typical sliding doors, there are many more moving parts to this door. In order to assure your door operates properly, it is important that time and care are put into every installation.

A common question is: “How long should the installation process take?”

While every installation is different, we find that it takes an average of 1.5 - 2 hours per panel for door installation professionals. A four-panel door would take 6-8 hours to install.

Taking your time to install the bottom track ‘level’ from side to side and “inside to outside” is essential for your door to operate properly. We find that having a laser level is best for this. While these range from $100 - $300 dollars each, they are a good investment to ensure your door operates properly.

Second to getting the bottom track installed level is installing the top track plumb above the bottom track. The number one item to look at is the ‘pivot hole(s)’ in the top and bottom tracks. The top track must be installed so that the swing door pivot hole(s) is/are directly above the bottom track pivot hole(s). Once again, this is where a laser level comes in handy. Next you will shim the top track so that it cannot move out of position over time as the doors are opened and closed.

Once your bottom and top track are positioned properly and secured in place you will install your swing doors and sliding panels. If your tracks are installed properly (level and plumb), this step will be simple and straightforward. If at any time you have problems with alignment for the swing door or sliding panels, we recommend that you double check the tracks for level and plumb before continuing.

Each step of the installation process is covered in this manual. By carefully following all directions, you will find your door installation to be surprisingly painless.

If at any time you have any questions, feel free to call us at: +1 844-587-0531 and we will gladly answer any of your questions.

Thank you for your purchase.

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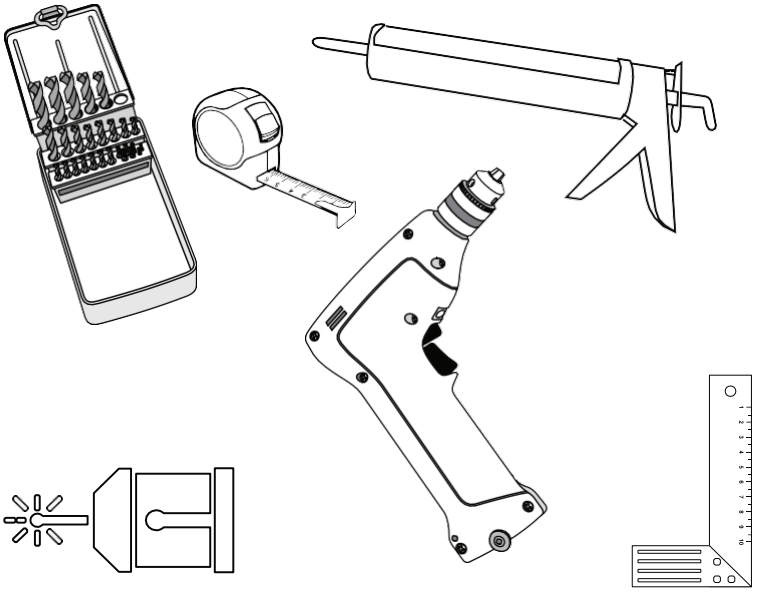
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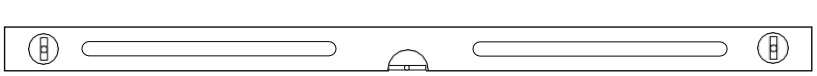
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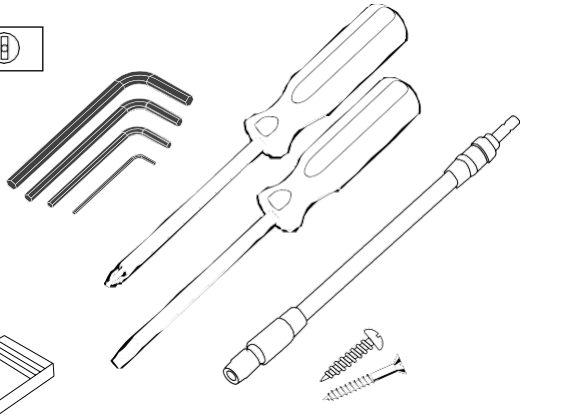
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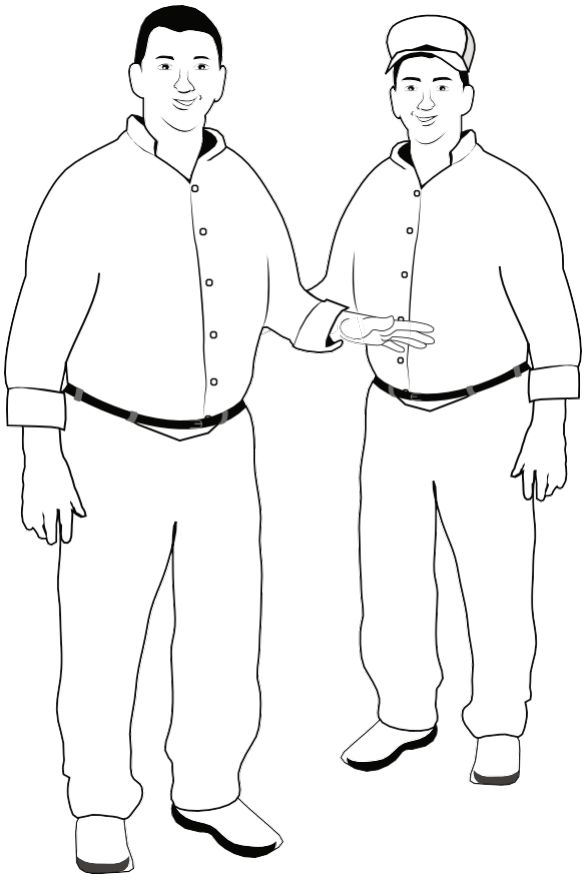
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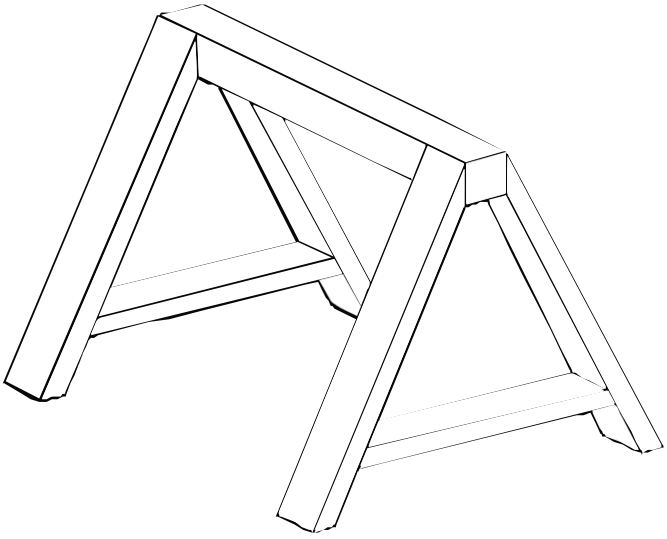
Getting Started > Required











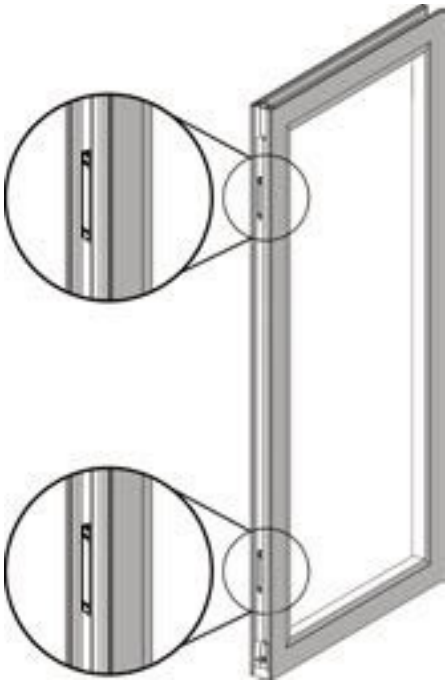
- Screw drivers (flat and Philips
- Screws
- Drill
- Flexible driver extension
- Self leveling laser level
- 6’ level
- Tape measure
- Caulk gun & sealant
- Drill bit set
- Set square
- Shims (flat, all sizes; tape ed shims are not to be used on the install of the Panoramic Door)
- Allen wrenches (ball end imperial)
- Sawhorses (4)
- People (2)



Swing Door



Sliding Panel



Keeper panel
(Install next to Swing Door)

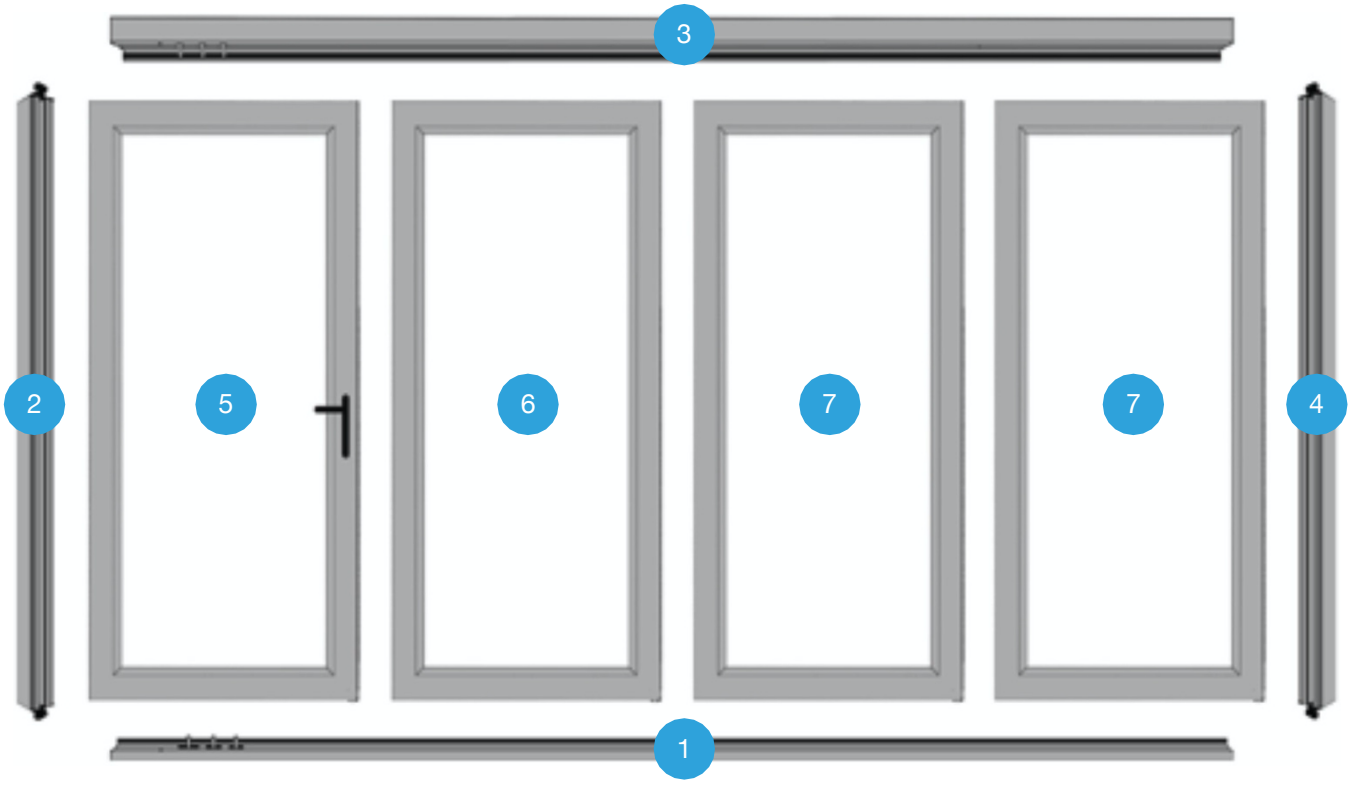
4 Panel Door with 1 Swing Door

NOTE: VIEWED FROM OUTSIDE LOOKING IN

The illustration below shows the labels of the components and the sequence of the panels. The installation process is as follows:

1. Bottom track
2. Swing door jamb
3. Top track
4. Sliding panel jamb
5. Swing door
6. First sliding panel
7. Second and subsequent sliding panels

The top and bottom tracks are pre-drilled for anchoring, but the jambs need to be drilled and fixed following the suggested pattern. The first panel to be installed is always the swing door, and then the subsequent panels in order. Always make sure each panel is safely secured before installing the next panel.



Getting Started >

SAFETY

Thoroughly familiarize yourself with all parts of the door system as well as the installation process and steps.

Do not work alone. Two or more people are required to safely move and install panels.

Be careful when handling glass. Clear the area around the opening where the door will be installed to avoid contact with anything that might break the glass in the panels.

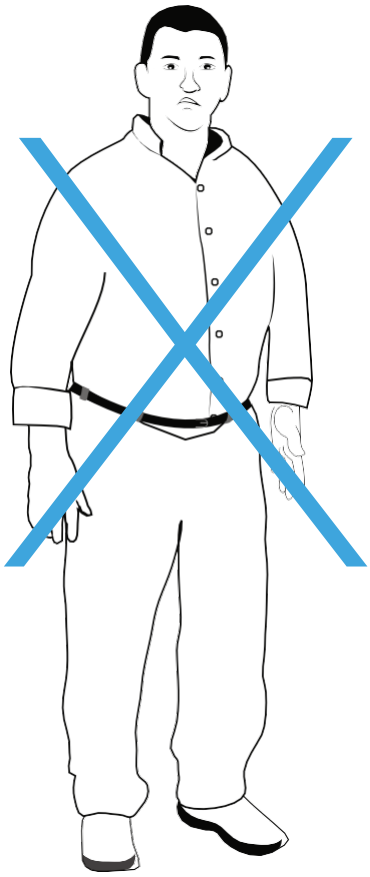
HANDLING COMPONENTS

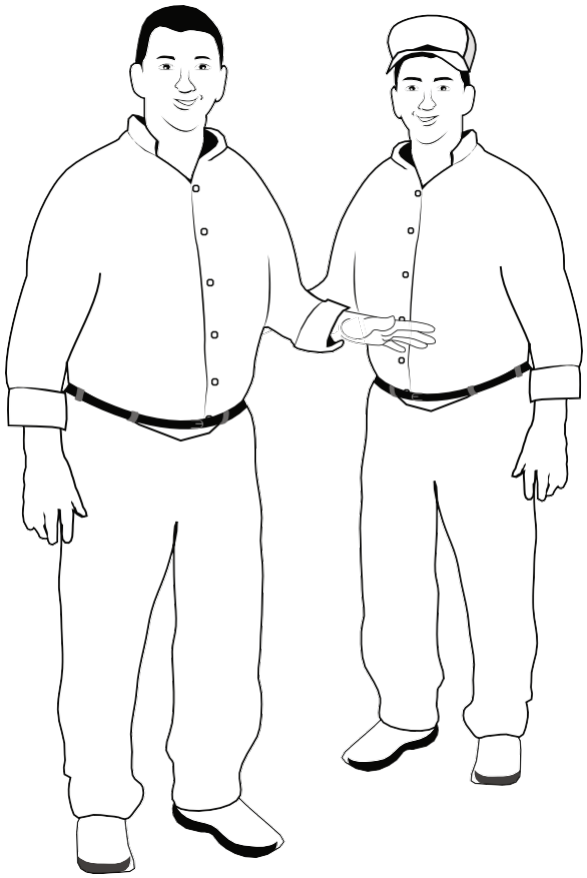
Store all door/window components in a safe and sheltered area, out of construction traffic Do not drag or drop components. If needed, carry them with the help of a second person. Do not step on any of the components or place heavy items on top of them.

Protect components from getting scratched or damaged.

Wood components need to be kept away from weather exposure and extreme temperature changes until a finish has been applied

Do not stack or lean door panels against wall. This can cause frame warpage.





WARNING: Attempting installation without an assistant can lead to personal injury or damage to door. Always have help when installing your Panoramic Door.

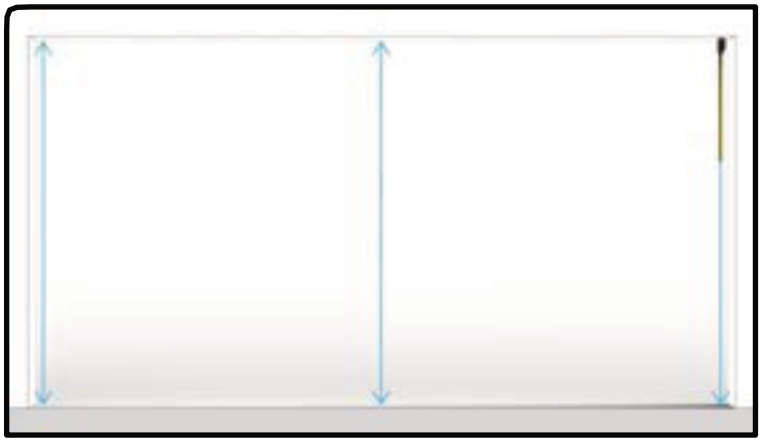
Step 1 > Preparing the Opening

In order to achieve a professional installation of your doors, it is vital to use the appropriate tools and to prepare the fitting space correctly.

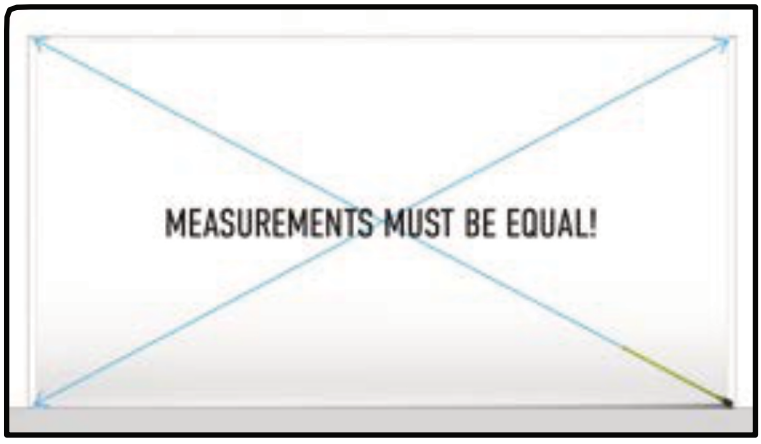
Please follow these instructions carefully.



When measuring the opening sizes, it is important to take three horizontal measurements: bottom, middle and top.

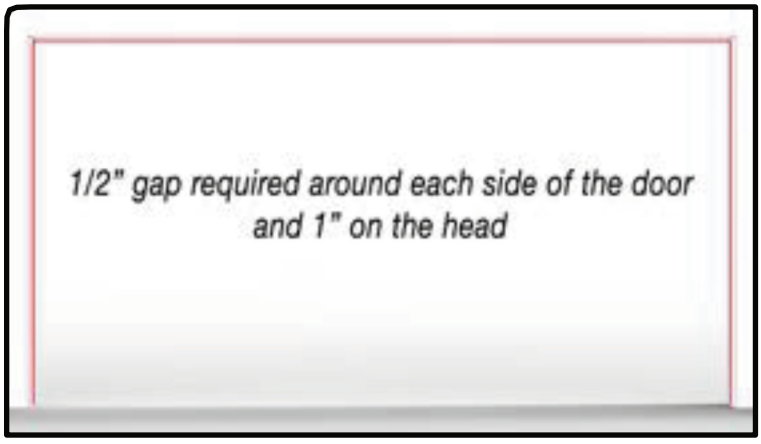


Three vertical measurements: right, center and left.

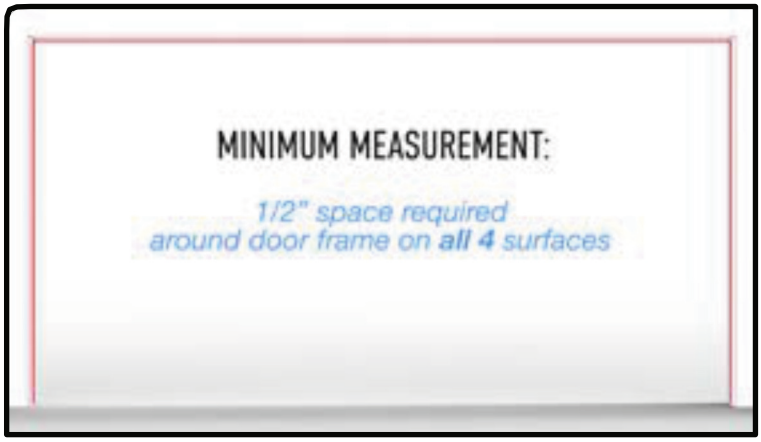


And both corner-to-corner measurements.

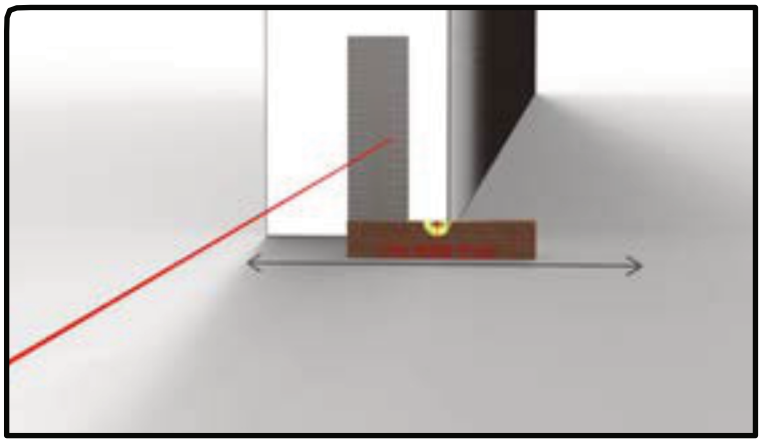
Step 1 > Preparing the Opening



A 1/2” gap is required on each side of the door and 1” on the head to allow for Shim Space in the framework of the opening. (This is so that if you have any high points in your bottom opening you have room to allow for leveling and shims.)

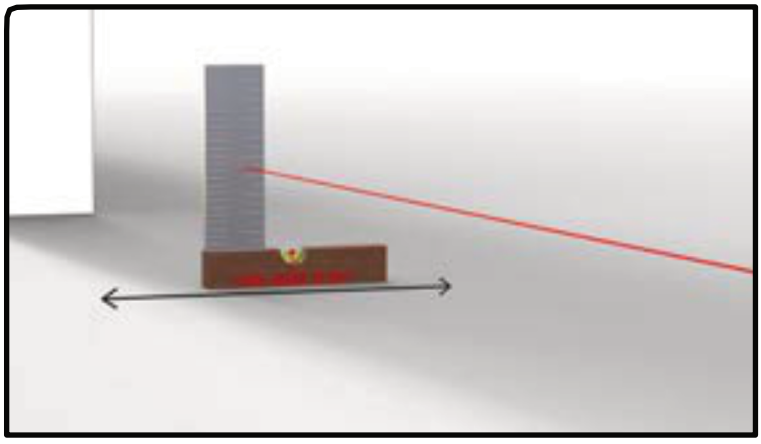


The smallest measurement should be the size with the 1/2” deduction.



The most important factor when setting up the opening to receive the Panoramic Door system is to ensure the floor is level. We strongly recommend the use of a laser level and set square to ensure the floor is level

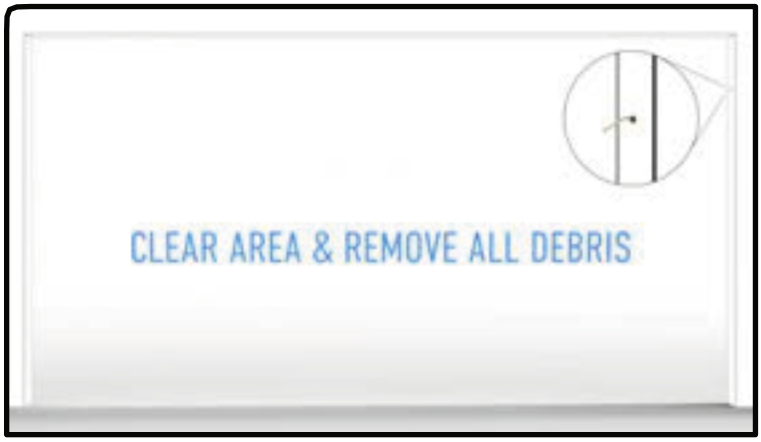
Step 1 > Preparing the Opening



Ensure the floor is level.

Use the Laser level and leveling square to check for high and low spots in your opening.

You want to work out your very highest spot as that's where you are going to start from.



Take some time to ensure the surrounding framework is free of debris or obstruction.
A clean square opening makes for a better install.



When taking delivery of your Panoramic Door
Please carefully unwrap and inspect all parts PRIOR to installation. Handles and keys are stored within the packaging of the tracks + jambs and can be misplaced or discarded if not identified.

Step 1 > Preparing the Opening



WARNING: ANY damage should be reported at this stage, prior to installation. If replacement parts are required, the installation may proceed. However, if remakes are required, it is advisable to
postpone the installation to ensure that all required parts are available at the time of the install. Call for any Help:+1 844-587-0531

If you are not ready for installation, please make sure to store the panels in a safe area, out of the traffic, to avoid damage. Keep the panels in an upright position, and at no more than a 10-degree angle.



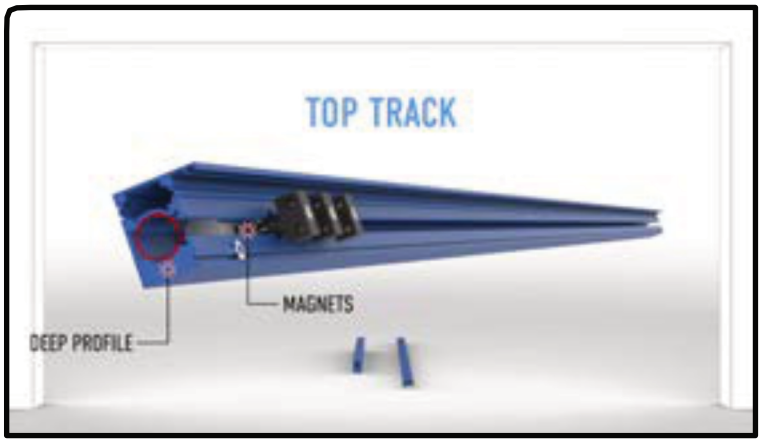
IT IS RECOMMENDED THAT YOU INSTALL A SILL PAN

Step 2 > Frame Assembly & Installation

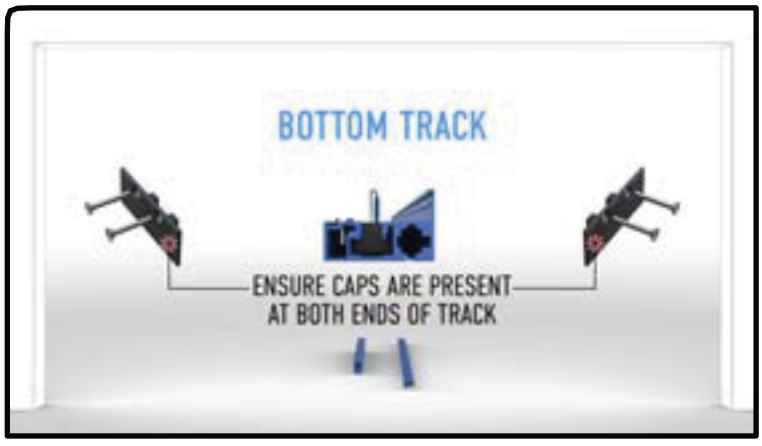


When unpacking the sections, it is important to identify the correct parts.

The top track is a deep aluminum section which contains the magnets for the system to operate.



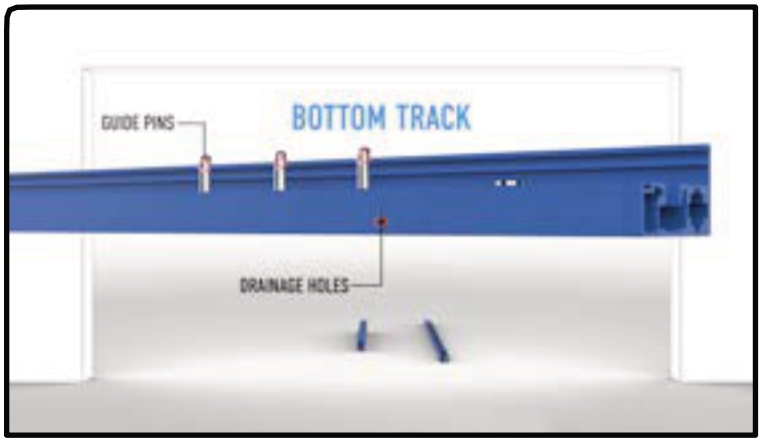
It has a circular internal cross section as shown here which houses the magnets.
The Upstand on the top track will have wool-pile on the inside.



The bottom track will have end caps and contains the steel guide pins which fit into the bottom of the sliding panels. If you have an upstand track, you will have end caps on your track.

On a flush track there will be silicone instead of the end's caps.

Step 2 > Frame Assembly & Installation



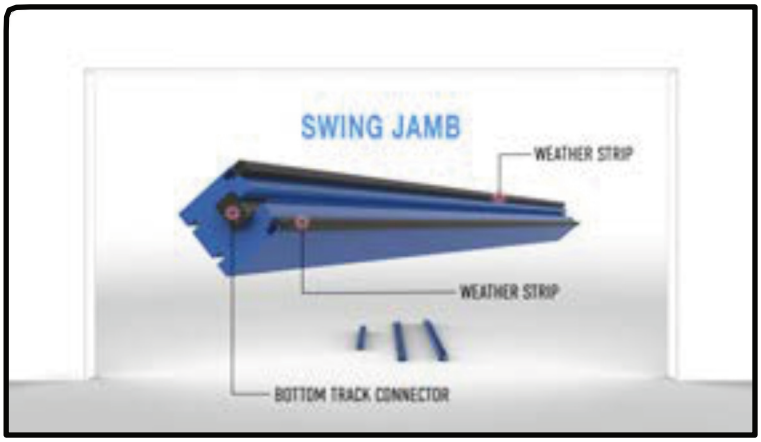
The bottom track also has an internal upstand with wool-pile attached.

Drain holes are already drilled on your bottom track.

All drain holes are to the exterior of the track.



The swing door jamb has a rectangular shaped bottom track connector attached and has weather stripping attached as shown.
The Swing door jamb sits next to the main swing panel.



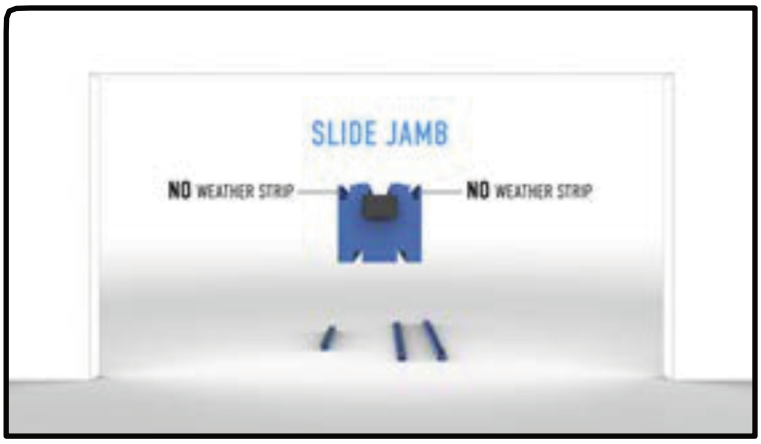
The main swing jamb has two different types of weather stripping.
Angled gasket (has a little lip) and block gasket (the square one).
The angled gasket will be on the exterior when the door is swinging out and the interior when the door swings in.

Step 2 > Frame Assembly & Installation



The top track connector is rounded to allow easy location into the top track section.

These are screwed in with two screws that can be removed for adjustment when placing the tracks and jambs together.

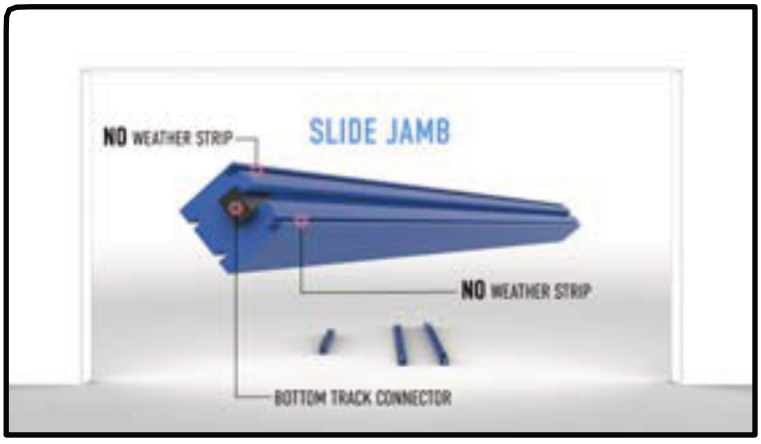


The slide jamb has Flat gaskets on the door.

It will look like there is no gasket as its flat and inside the groove of the jamb.

**For Double swing systems you will install the same but without a slide jamb just repeat the swing door process twice.

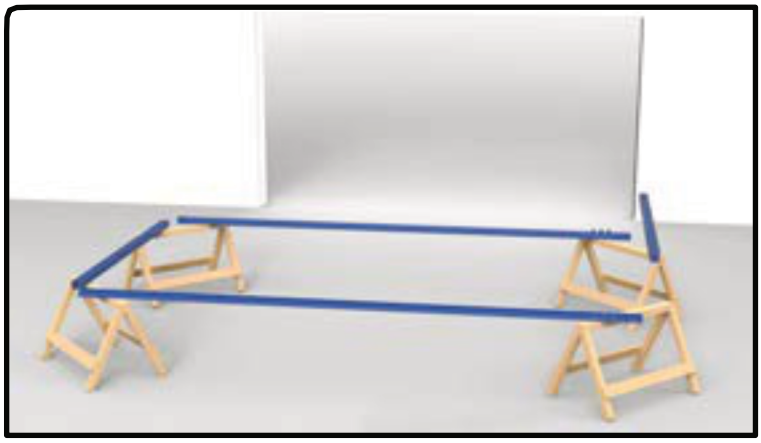
Make sure you pin holes are the same from top to bottom and slide to side.



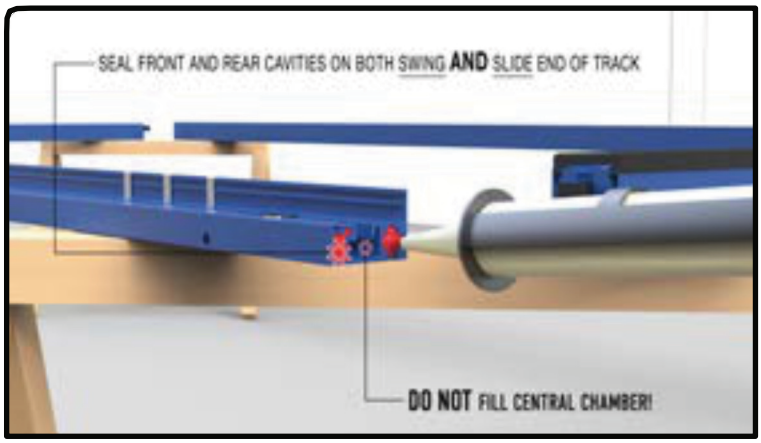
The bottom Track connector is a “T” like shape and has two screws that can be removed for adjustments and then re-screwed.

CAUTION: JAMBS ARE NOT INTERCHANGEABLE!
SWING DOOR JAMB GOES WHERE THE CUTOUTS ARE. THE SLIDER JAMB GOES WHERE THERE ARE NO CUTOUTS.

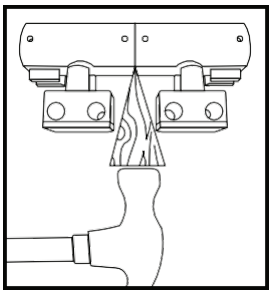
Step 2 > Frame Assembly & Installation

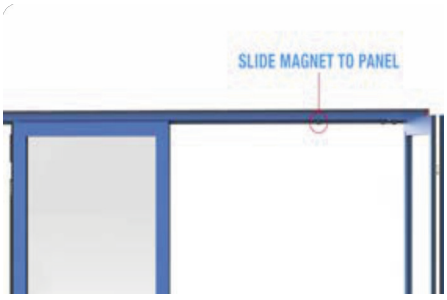


Using sawhorses located adjacent to the opening, lay the four (4) frame sections in the correct sequence
for assembly.



Remove the end caps (if there). Then, using a sealant gun, apply silicone to the rear and front cavities of both sides of the bottom track. At this stage do not seal the central chamber.
Using a clear silicone is recommended.

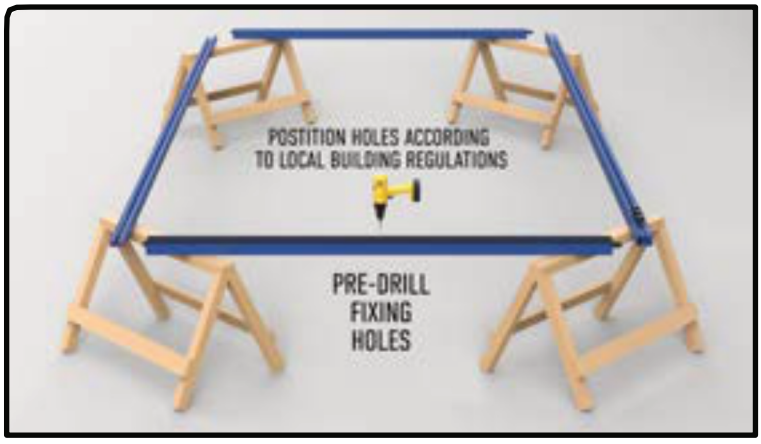




When the top track is on the sawhorses it is a good time to separate the magnets to avoid damage. Also, if the magnets are not separated before frame install you cannot access the predrilled holes for the top track.
Be careful when separating the magnets as you can easily damage the top track.

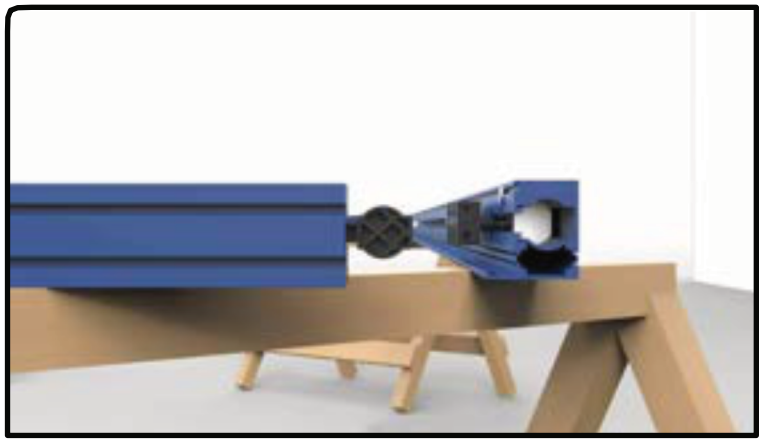
Make sure to have wider holes on the magnet block facing the swing door.

Step 2 > Frame Assembly & Installation

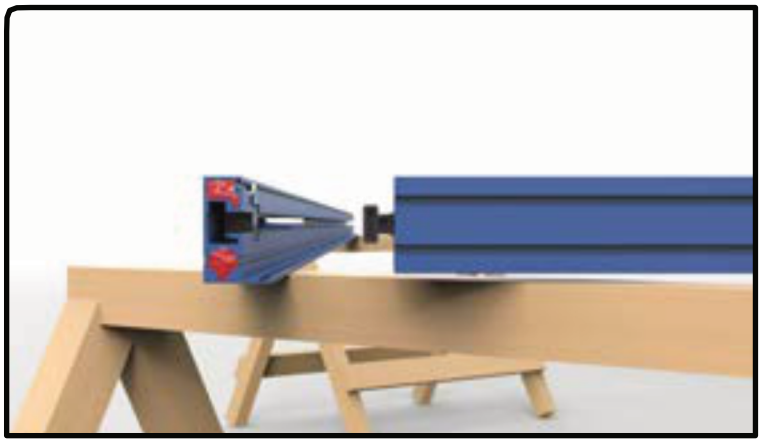


Pre-drill a fixing hole in each jamb to assist when locating the frame initially in the opening.

1ft from the top and 1ft from the bottom and a perfectly center hole is recommended.

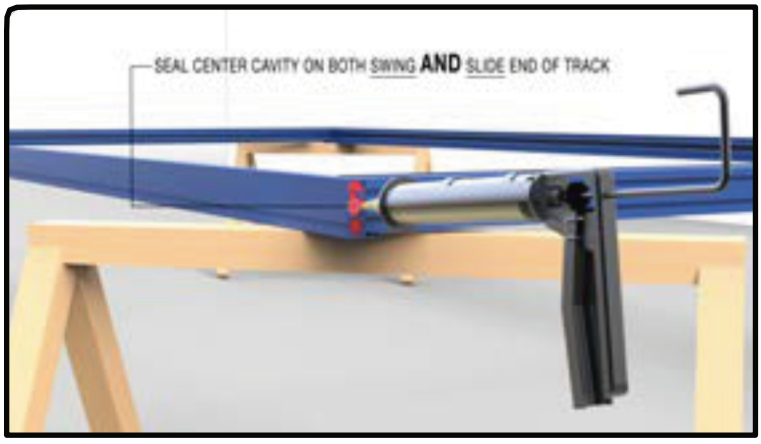


Carefully slide each jamb section into the top and bottom track, ensuring the frame corners stay safely on the sawhorses during the assembly.

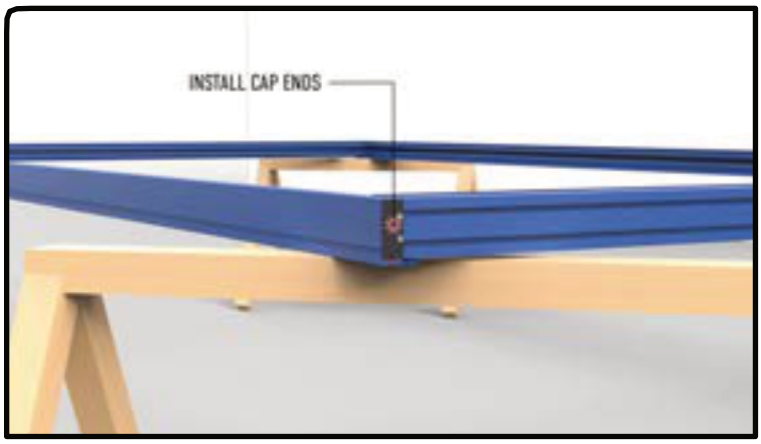


IMPORTANT NOTE: There are two jambs. One with angled gasket and block gasket (Swing door jamb) and one with flat gasket (Sliding Jamb). Make sure that you have the jambs in the correct placement.
They will cause error later in the installation.

Step 2 > Frame Assembly & Installation

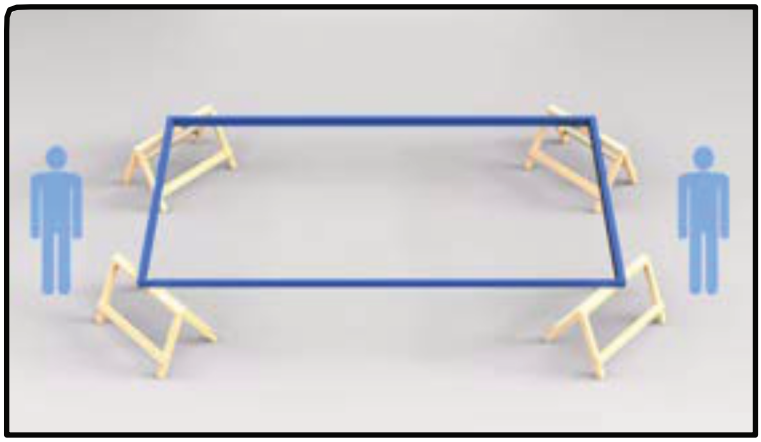


When all four corners have been assembled, seal the remaining center cavity on both ends of the bottom track.



Install the track end caps at this point, if supplied.

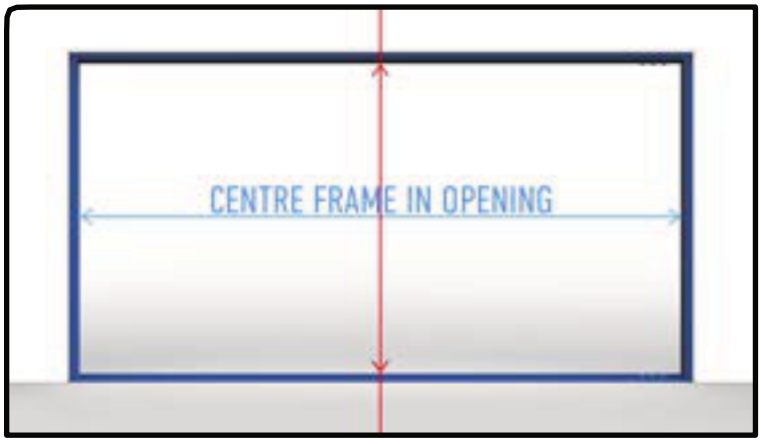
Flush tracks do not have end caps.



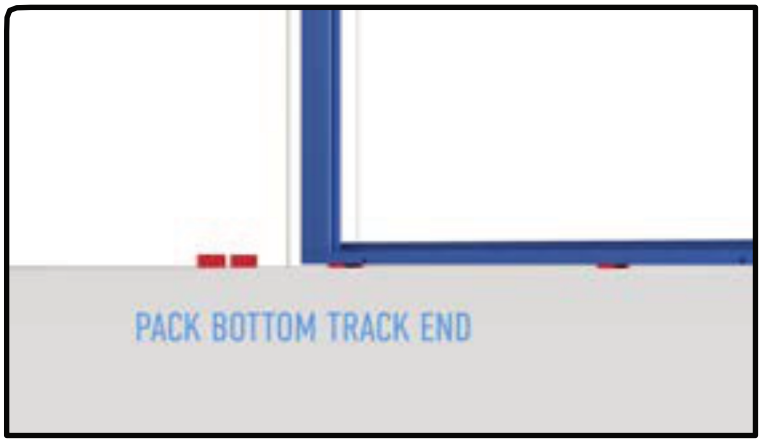
Position the Frame in the Opening You are now ready to position the frame in the opening. We recommend that two people lift the frame carefully, keeping the frame flat and square to prevent twisting at the corners.

Ensure that the base and sides are sealed to prevent water ingress below the bottom track.

Step 2 > Frame Assembly & Installation



The frame should be centered in the opening to allow adjustment in either direction.



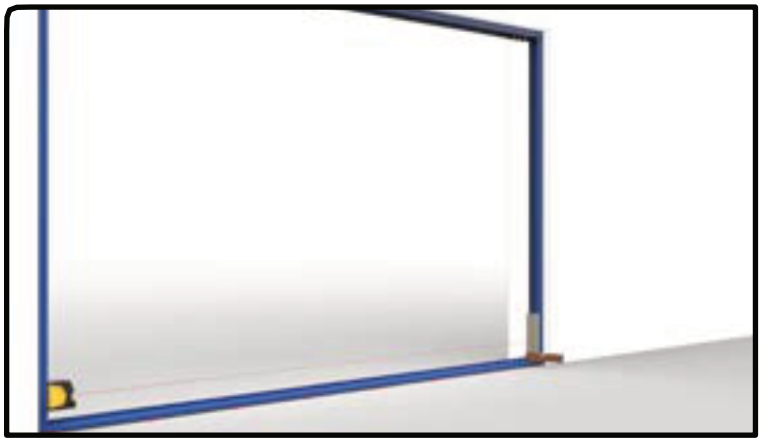
The bottom track should be shimmed to allow adjustment and shimmed at either side to prevent movement from side to side in set up. It is important that the shims at the side of the bottom track do not obstruct the movement of the jambs.

You also want to make sure your jambs are shims under the bottom track so when shimming the top track downwards your bottom track doesn't bend.

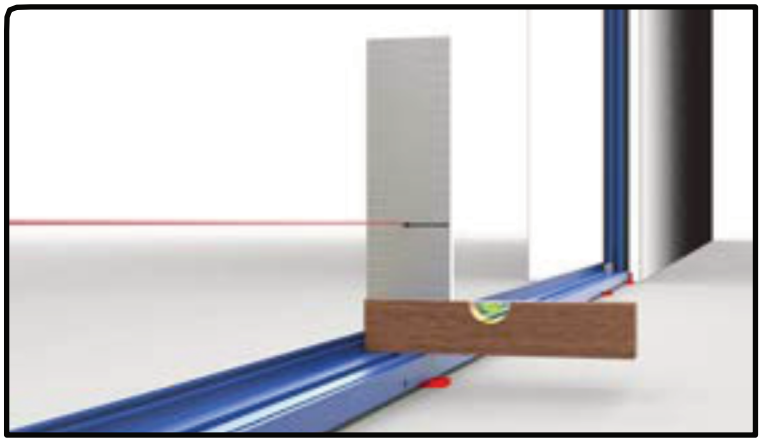


Temporarily screw or clamp both sides of the top track. Do not tighten, this is only temporary as you set the bottom track to hold the frame upright on the opening.

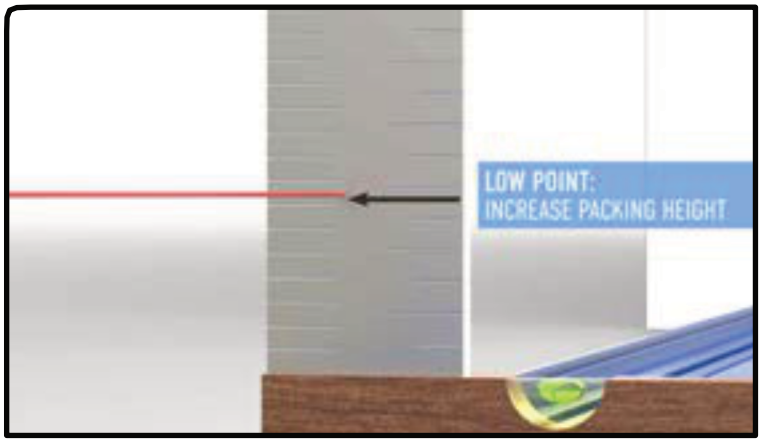
Step 2 > Frame Assembly & Installation



The next section is the most important part of the entire installation process. Taking your time to ensure the bottom track is completely level and supported along its length will ensure the door system installs and operates beautifully.



Using the laser level and set square, mark the laser line on the set square. Then, moving along the bottom track, compare the mark against the laser line, adjusting the shims to ensure the track is dead level as shown.



Once you have your shims in place and the track in 100% level.
Remove the screws and track carefully and slowly, enough to get under and waterproof your tracks.
You should be running a line of waterproof sealant along the center of the track and screw holes from left to right.
BE careful not to move any shims as you do this.
Slowly re position the bottom track onto the shims and pushing down onto your sealant making sure there are no gaps.

Step 2 > Frame Assembly & Installation



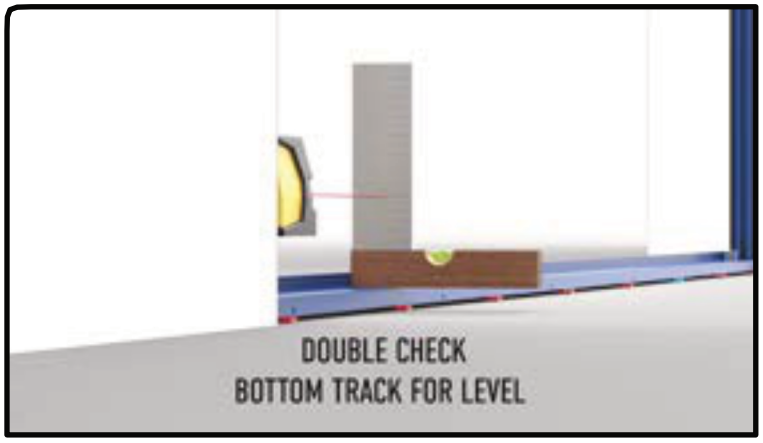
When you are completely satisfied that the track is level, fix the bottom track adjacent to your shims.

Make sure you check your leveling as you do so.



Ensure screw heads are countersunk flush with the bottom track to prevent pins from catching.

Note: Do not over tighten screws as this could cause dips in the track's cavity.

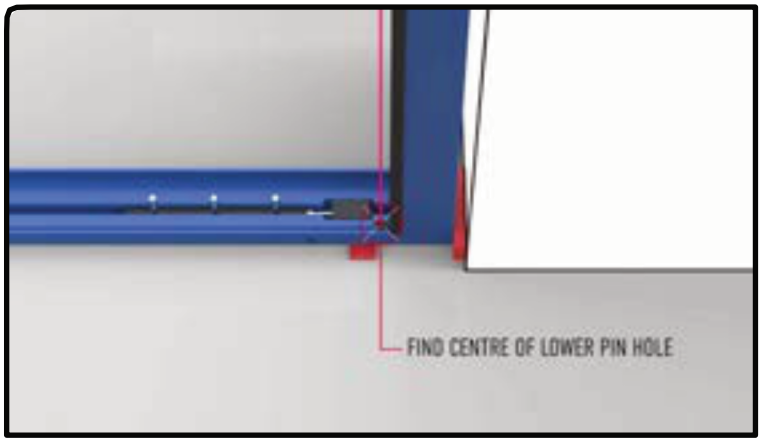


At this stage, **double check** the bottom track for level. Adjust, if necessary.

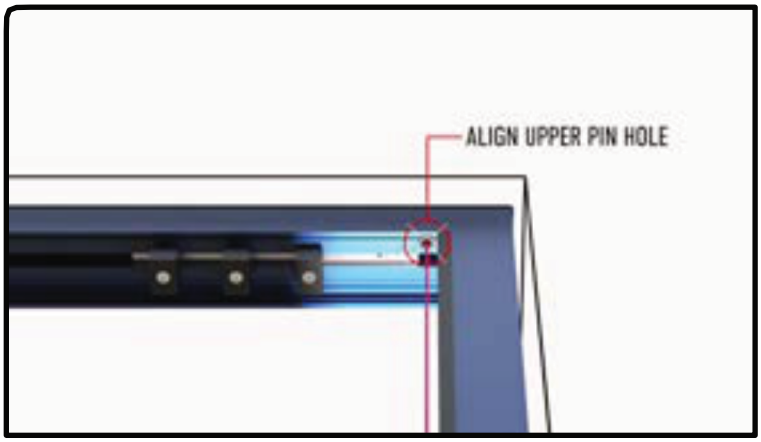
You are now ready to align the top track with the bottom track.

Using the laser level, ensure that the center of the pivot pin hole on the bottom track is EXACTLY aligned to the pivot pin hole on the top track adjusting as necessary.

Step 2 > Frame Assembly & Installation



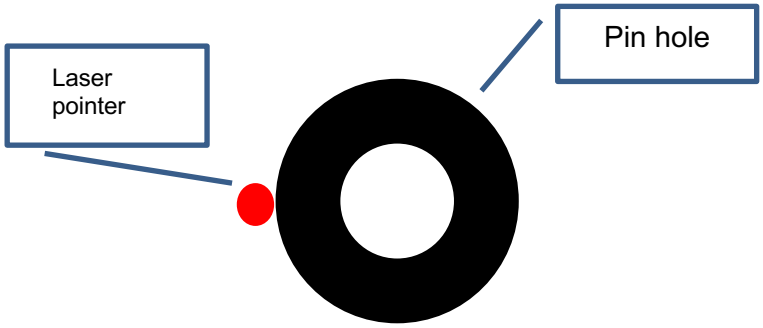
It is imperative that the frame is situated plumb in the opening, and this can be achieved by aligning the front edge of the bottom track with the front edge of the top track, or by aligning the laser on the jamb to ensure the doors will operate perfectly upright as they slide along the track.



Be sure to remove your temporary screw in your top track but make sure to have the track shimmed or held up with your helper. Lasering your bottom track to your top track will allow for a perfectly straight door.

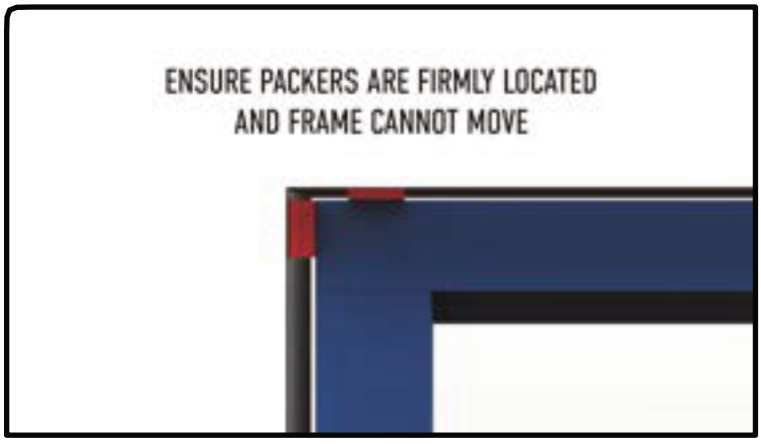
Make sure to go along the bottom track every 1FT and shoot your laser up at the top track.

(Again, no screws are needed just yet as you will have to move the track side to side to allow for your pin holes to line up.)



With the top and bottom tracks now in line it's now time to line the pin holes up.
You want to shoot your laser level up from the bottom pin hole.
A good placement is on the front edge and center on the hole.
This allows you to see the laser point on both tracks.

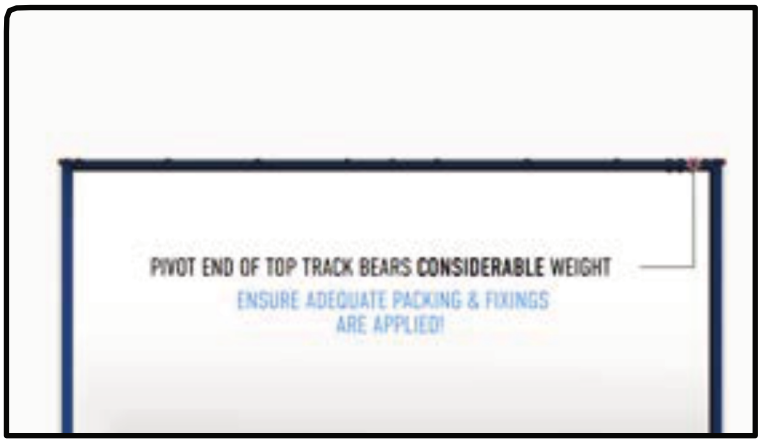
Step 2 > Frame Assembly & Installation



Ensure shims are firmly located and frame cannot move.

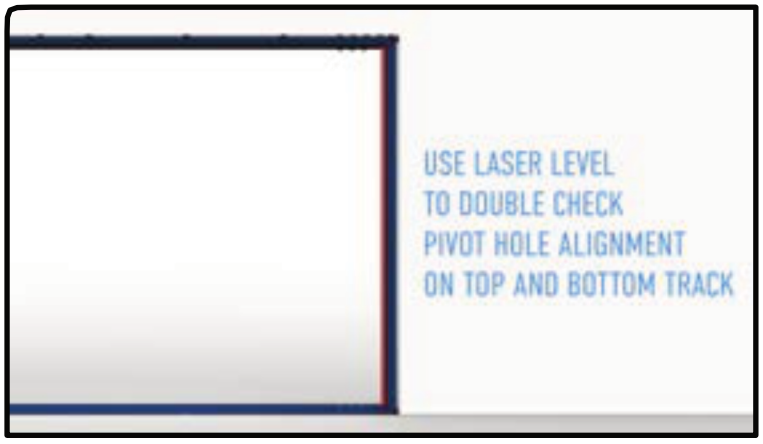
Only shim above the jambs and the first fixing hole on either end. Also, over the cut outs for the sliding panels.

There should be a shim above each screw point where each panel will pivot open.



Do not shim the center portion of the top track. This will leave necessary room in the chance of header deflection/settling, your top track screws can be tightened, and the top track will remain level.

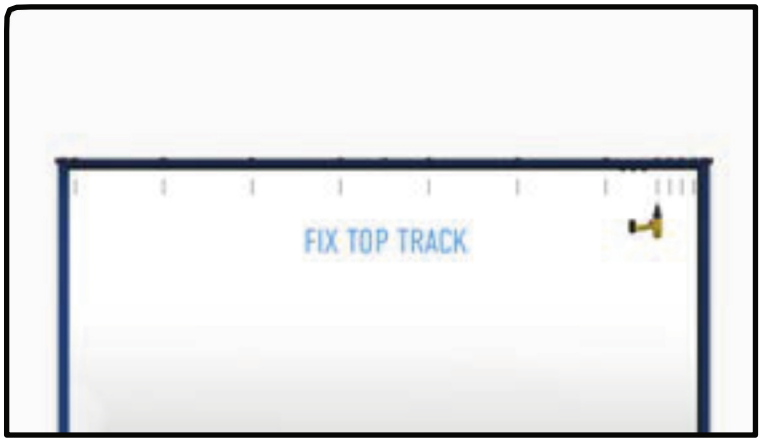
*If you have over a 6-panel system, then 4 ft from the sliding panel jamb and 4ft from the swing panel jamb is recommended.



Use your laser level to double check pivot hole alignment on top and bottom track.

Double check the whole length of your bottom track by shooting your laser up to your top track every 1ft to make sure nothing has moved or come out of plumb.

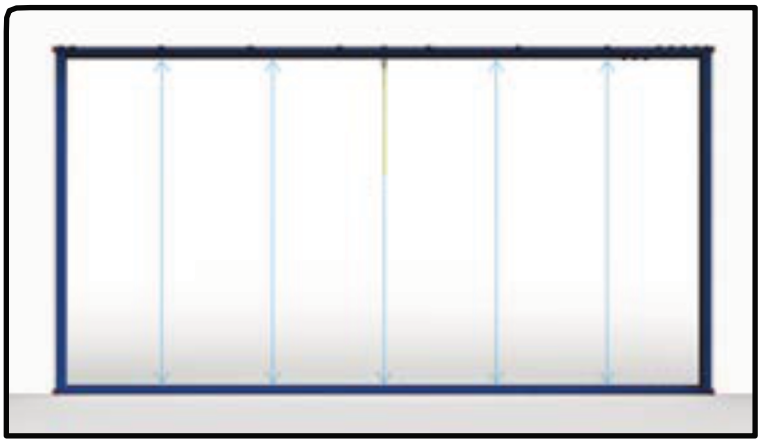
Step 2 > Frame Assembly & Installation



Fix top track and vacuum lower track.

Again, make sure no shims are in the center of the top track.

Excessive number of shims can cause the doors not to slide after the settling of the house.



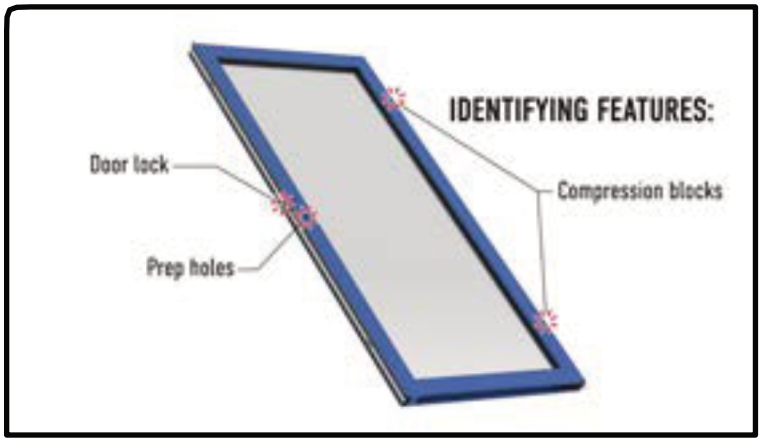
Check the distance between the top and bottom track, ensuring the tracks are equal distance at every point.



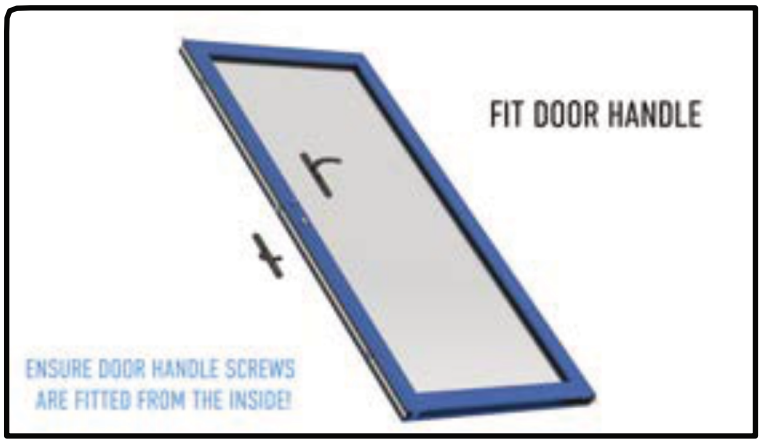
Any sagging or lifting should be addressed prior to installation of the panels.

Step 3 > Installing the Swing Door

Now would be a good time to pre-drill additional installation holes in the jambs!



The Swing Door is identified easily. It has prep holes in the section for door handle assemblies, it has a door lock in the side of the panel and has compression blocks fitted to the pivot side of the panel.



The door handles should be fitted prior to installing the door.

Refer to page 44 for detailed instructions.

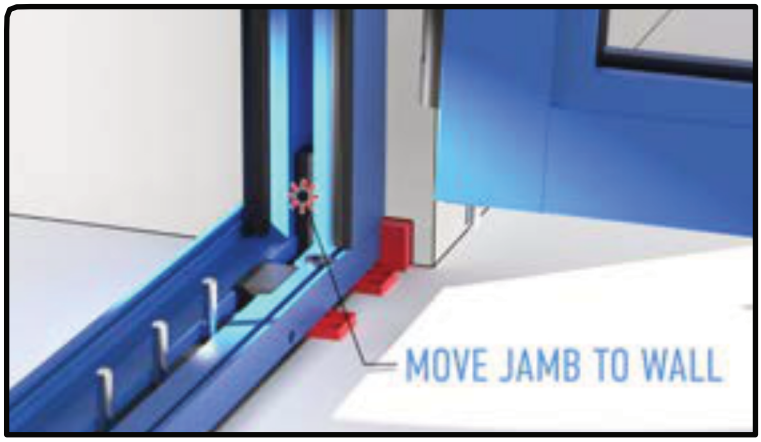


On the hinge side of the door, the upper pin assembly should be removed by undoing the two bolts using a ball end 3/16” Allen key. Please note, no power tools should be used in either removing or fitting these assemblies at the top of each panel.

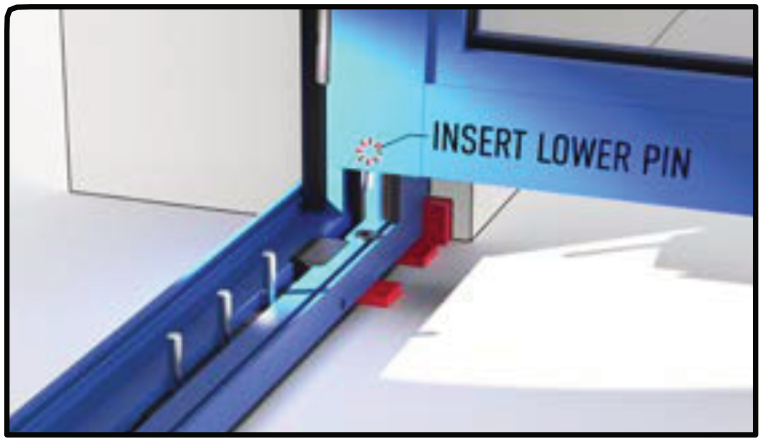
Step 3 > Installing the Swing Door



Utilizing two people, position the swing door at right angles to the frame close to the bottom pivot hole of the track. The door handle side should be farthest from the frame. Tilt the top of the panel away from the frame, then carefully lift the panel to allow location of the bottom pin on the panel into the bottom pivot hole of the track.



Move jamb to the wall.
Jambs should be free and not fixed to the wall yet.



Insert lower pin.

Insert into the pin hole making sure no damage happens to the bottom track on the pin itself.

Two people are required to lift the panels.

Step 3 > Installing the Swing Door



Then insert the previously removed upper pin assembly into the pivot hole on the top track and offer the panel to the pin assembly and reattach the fixings using the 3/16” Allen key
previously mentioned. Don’t use power tools to attach the assembly.

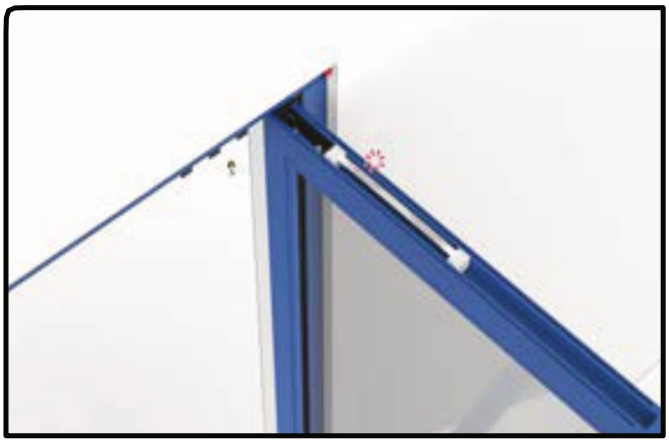


If you have over shimmed the top track to much this will cause the top block not to fit correctly. Remove the shims a little to allow for extra room if this happens.



With the swing door still in the open position, remove the restrictor arm screw and washer from the top track.

Step 3 > Installing the Swing Door



Swing the restrictor arm from the top of the swing door into position over the hole and reaffix the screw and washer.

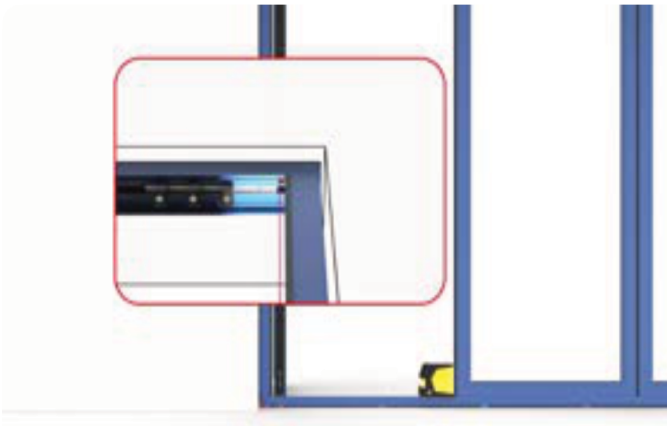




Again it is important to only use hand tools to remove and reaffix the restrictor arm assembly.

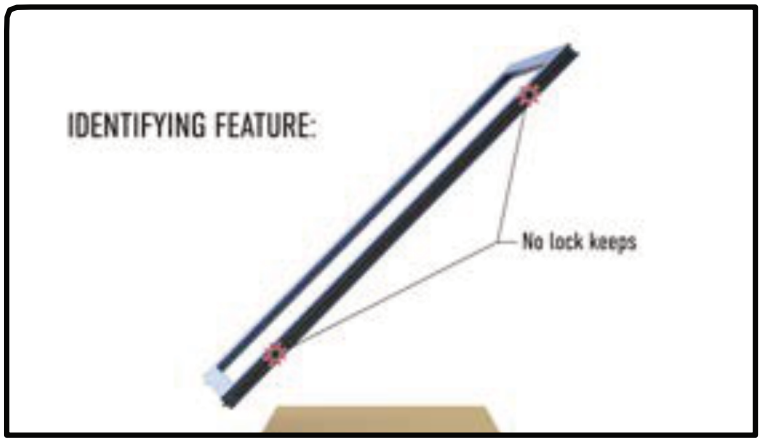


Run a laser across the edge of the swing door to ensure it is plumb and square in the opening.



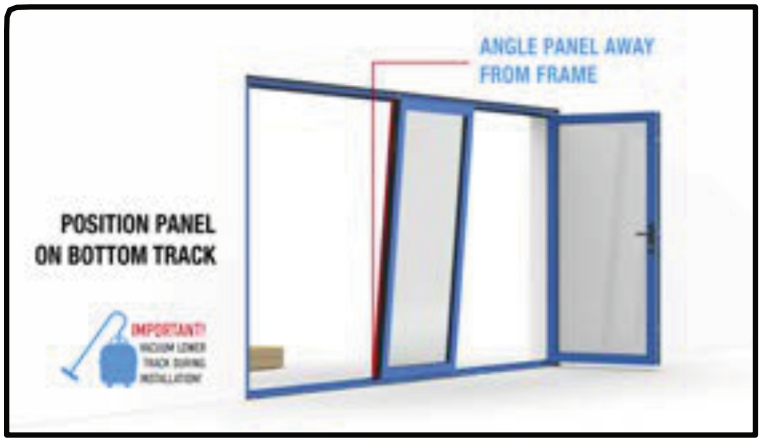
If the door is not plumb, then double check that the pivot holes are aligned as previously demonstrated.

Step 4 > Installing the Sliding Panels

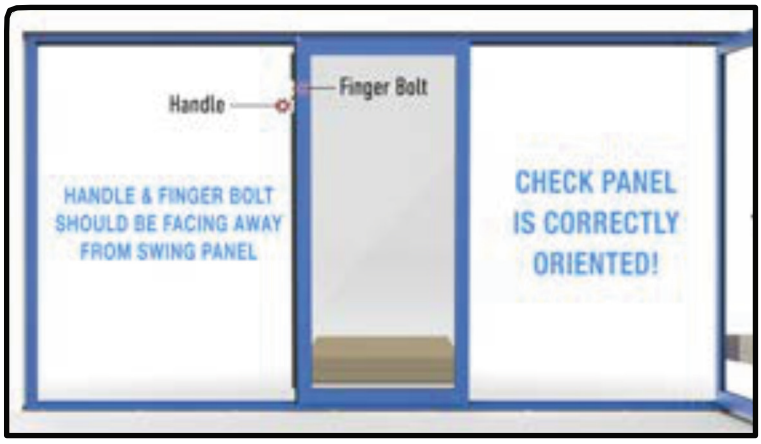


When identifying the sliding panels, they are labeled as swing door, keep door, panel or panel number 3, panel number 4 and so on.

Firstly, identify the door panel furthest away from the swing door.



Unpack and position the door in the bottom track with top of the door leaning slightly away from the top track as shown.

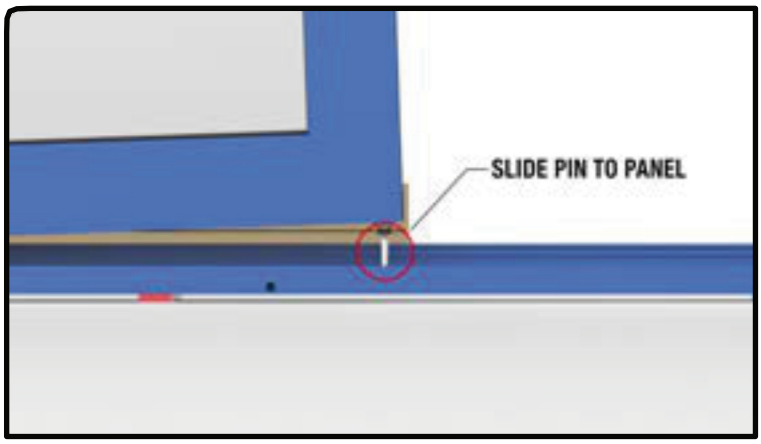


Ensure that the finger bolt and handle are facing away from the swing door.

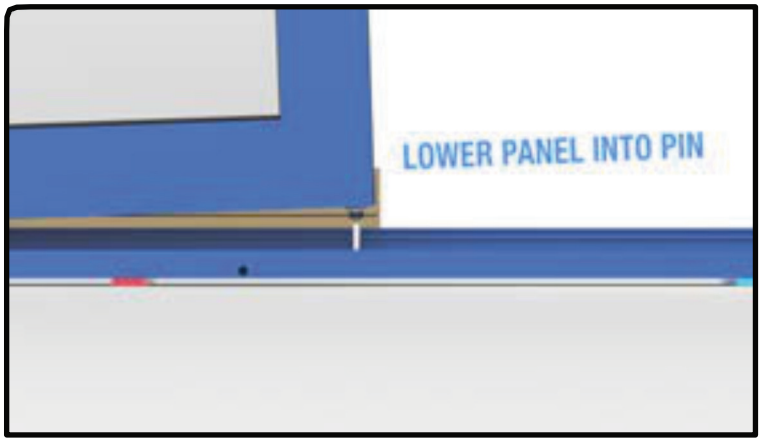
Step 4 > Installing the Sliding Panels



With the panel still not engaged in the top track, tilt the door away from the swing door



Slide the guide pin in the bottom track into position beneath the wheel
assembly on the pivot side of the door.

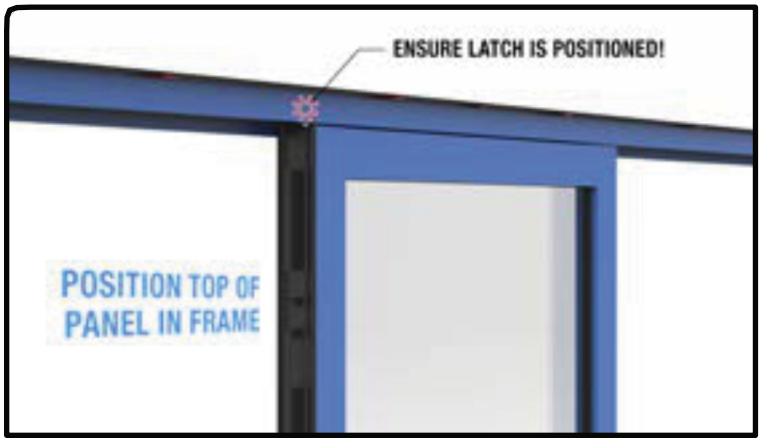


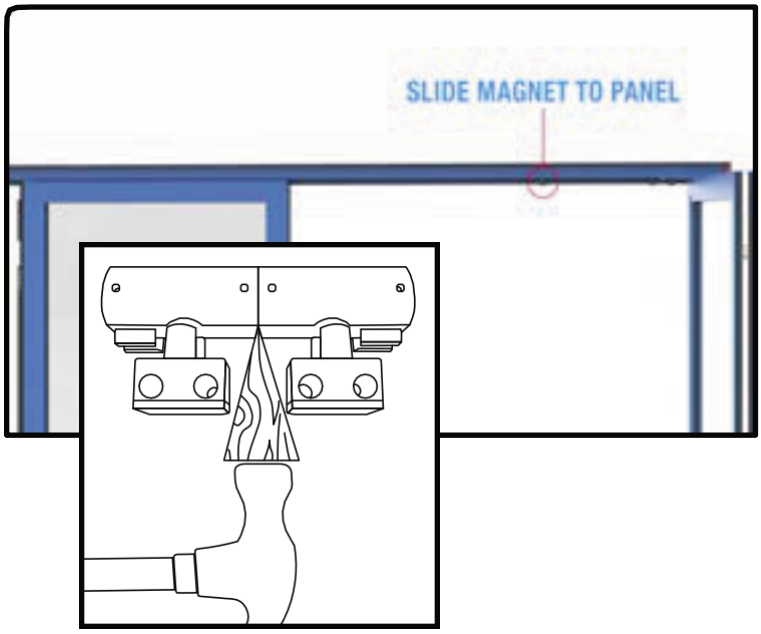
Lower the panel carefully down over the pin.
Again, being careful not to cause any damage to the track.

Step 4 > Installing the Sliding Panels



To position the panel into the top track, pull down the finger bolt and push the panel into the top track and release the finger bolt. Ensure that the latch is
located in the top track before releasing.





Next, carefully separate the magnet from the gathered section.

☞ **IMPORTANT NOTE**: To separate the magnets, place a wooden or plastic (not metal) wedge in between the magnets and tap lightly with a hammer to separate. Do not use a screwdriver, as it can damage the magnets.

Step 4 > Installing the Sliding Panels



Slide the magnet with assembly and offer into the side of the panel.

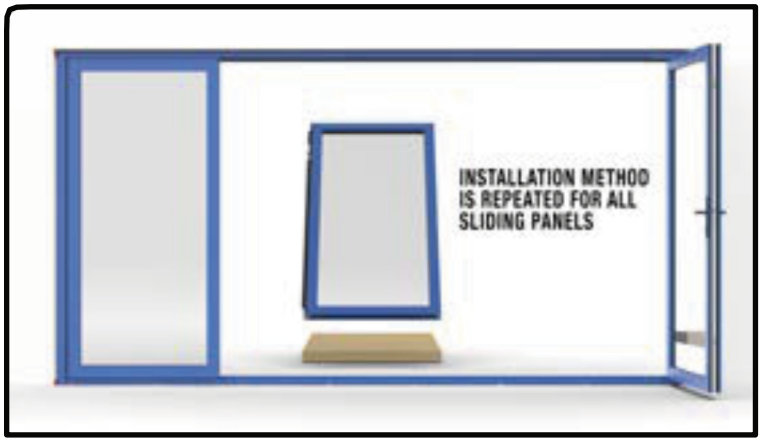
This should again go in easily.

Make sure the holes line up before tightening the bolts into the panel.

These bolts can easily be crossed threaded if you use power tools.

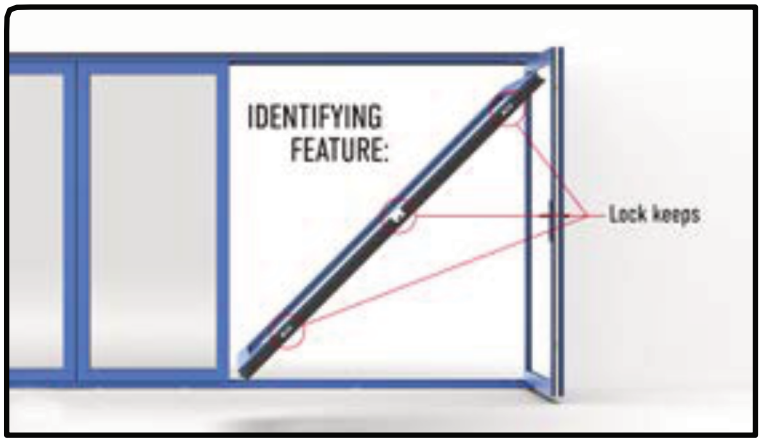


Fix using two 3/16” Allen bolts. **Hand tighten only**. You may need to carefully lever the section attached to the magnet down using a nonmetallic lever like a glazing paddle to align with the panel block.

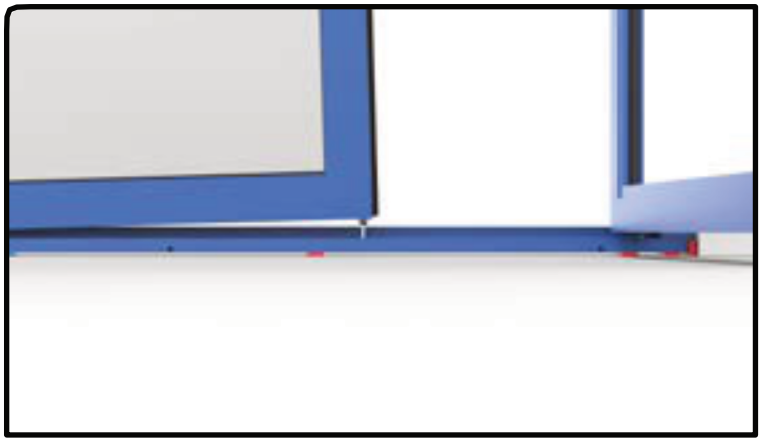


This process is repeated for all sliding panels up to and including the keeper panel which should be the last panel installed.

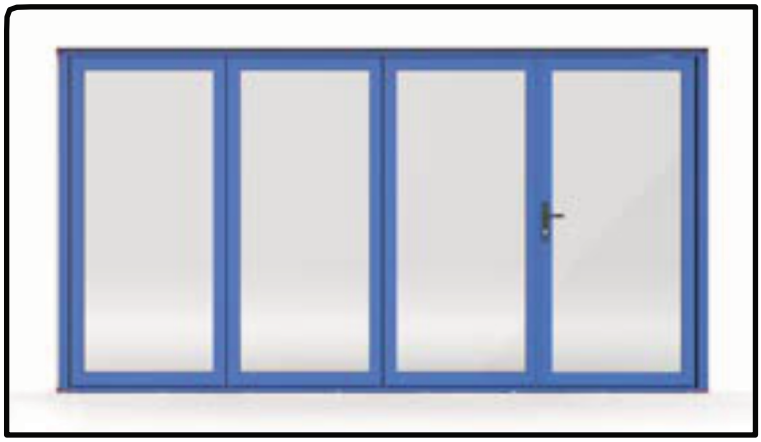
Step 4 > Installing the Sliding Panels



This is identified easily as it has three door keeps fixed to the side of the panel opposite the finger bolt and handle

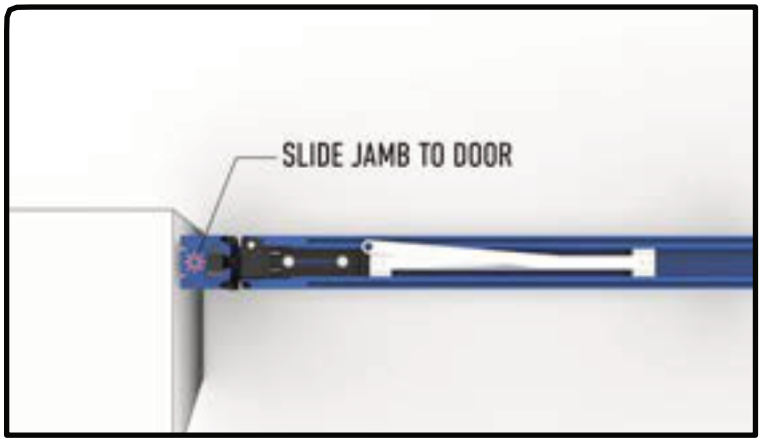


The swing door locks against the keeper panel in the closed position. It is installed the same way as the other sliding panels.

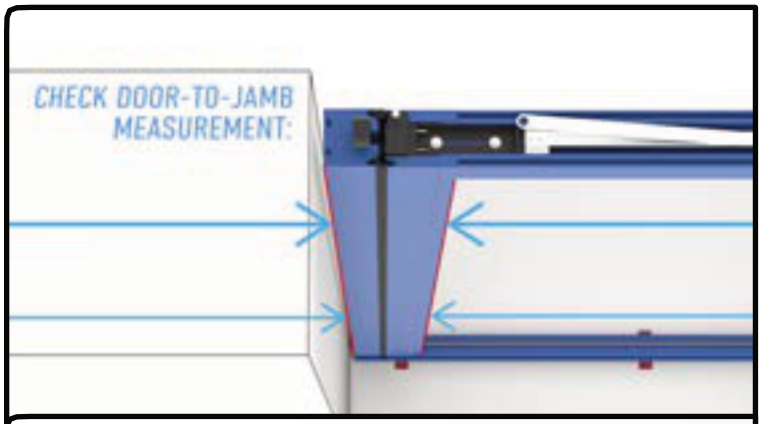


The swing door will close freely as the jambs have not been set yet so do not be alarmed with the excessive gaps.

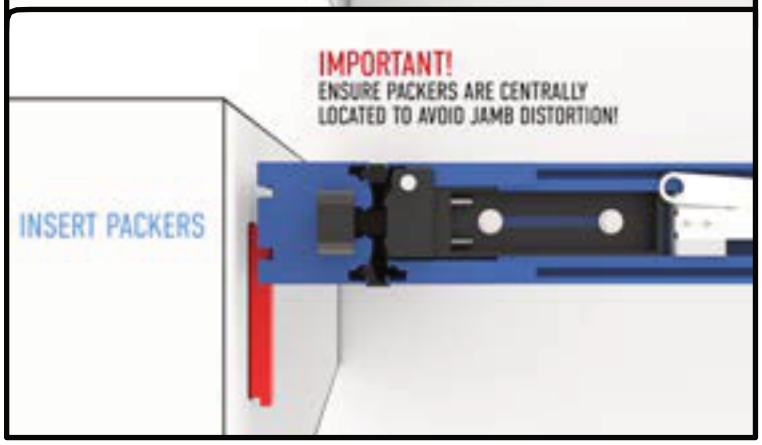
Step 5 > Completing Installation



When the swing door is plumb, then the jamb next to the swing door can be set in position and fixed.

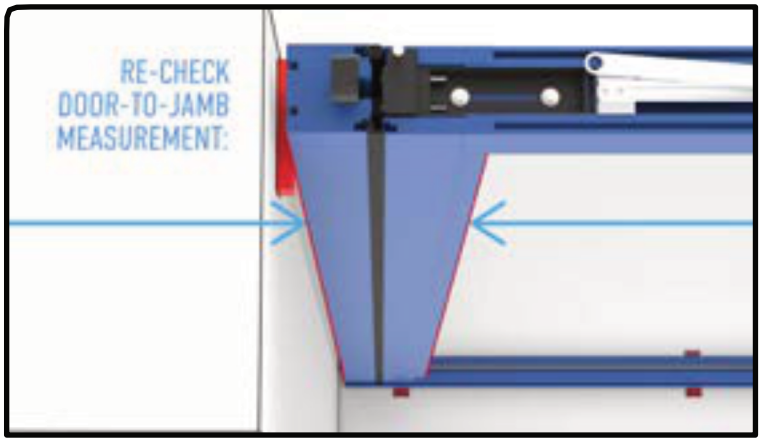


To ensure the jamb is square, measure the jamb to swing door glazing line on the inside and outside of the door. It should be the same on both sides of the door.



The jamb must be shims square against the swing door to ensure the door seals properly.

Step 5 > Completing Installation



Recheck the measurements.

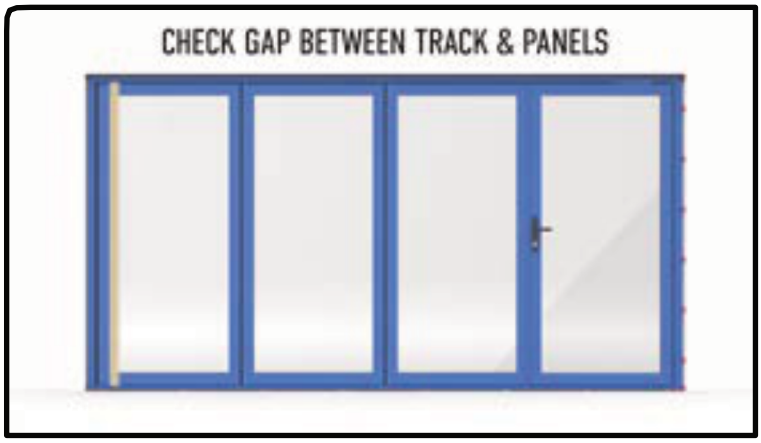
Make sure not to over shims as this can cause popping and catch when the swing door opens.

There should be a nice seal but enough room for expansion and contraction.

No daylight should be seen through the jamb and swing panel.

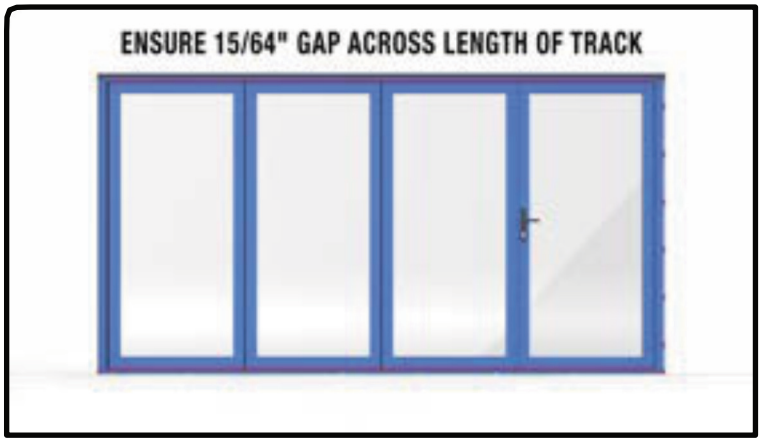


Ensure packers are positioned next to the fixing points and that they a e not causing a twist in the jamb position. Take care when fixing the jamb not to damage the side of the swing door. We recommend an extension bar to keep the drill chuck clear of the swing door panel.

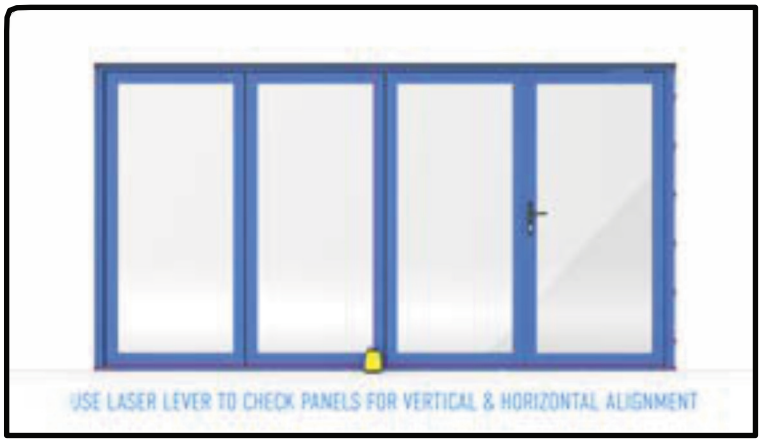


Next check to ensure that the top and bottom track are equidistant from each other at all points.
Make sure you have an even reveal across and the bottom this will be between the panels and the tracks.

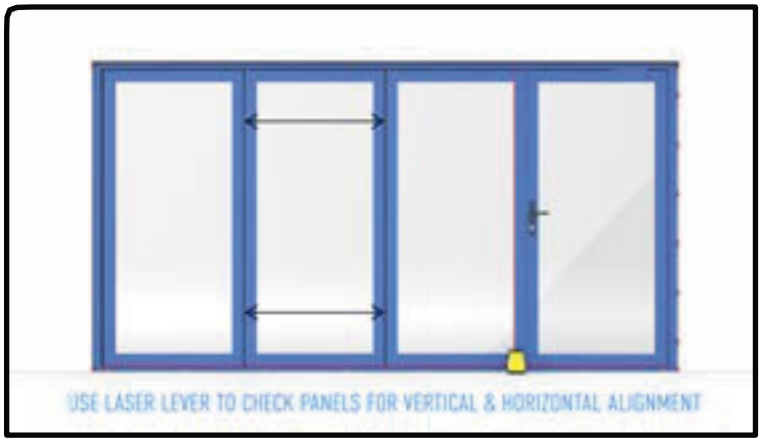
Step 5 > Completing Installation



This should be ¼” along the length of the door.

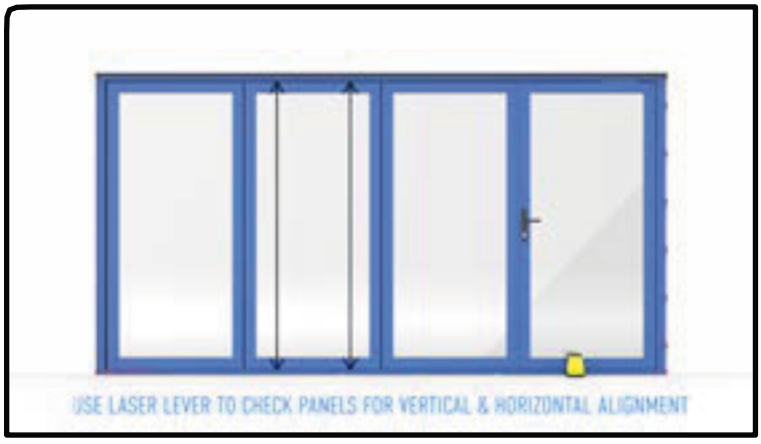


At this point check that all panels are square in the track. Check along the bottom of each panel and up one side using a laser level.

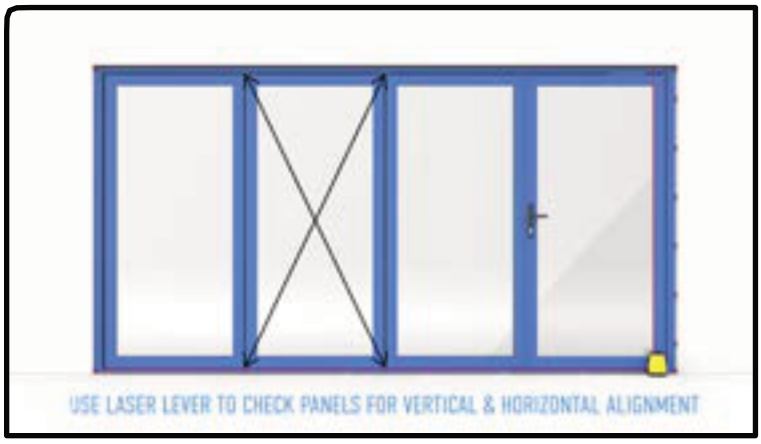


If any panel is not level, check that the width of the panels is consistent.

Step 5 > Completing Installation

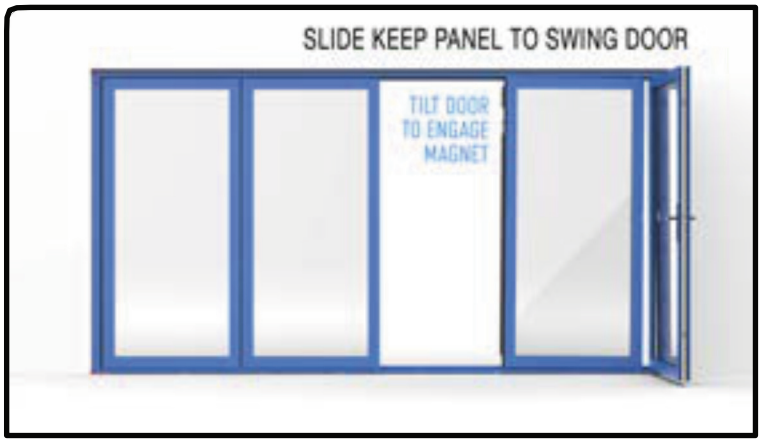


Check the height of the panel.



Check that the panel is square by measuring corner to corner on each side.

If the panel widths or heights are inconsistent, then contact the factory. Call: +1 844-587-0531



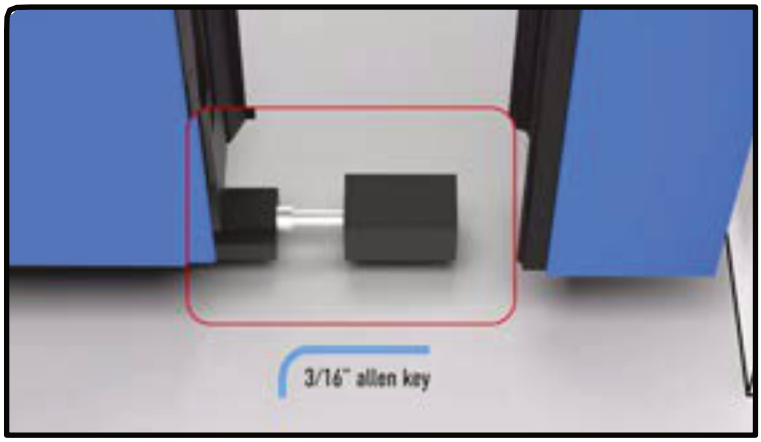
Slide the first panel to the kick or lifted position (just prior to opening the panel).

The magnets will click together, and the panel will lift up a small amount.
This allows the panel to have enough lift so the wheel block can be freely cleared of the track.

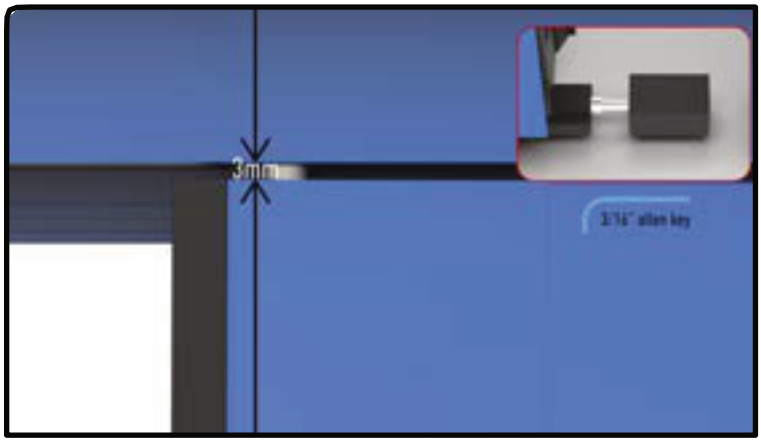
Step 5 > Completing Installation



At this point there should be a 1/8” gap between the top of the door and the top track. By depressing the finger bolt you should feel the door open without resistance.

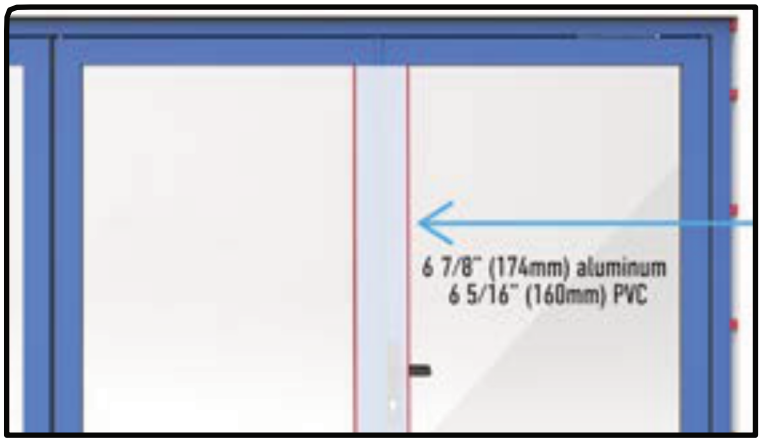


If the door is clashing with the head or snagging on the bottom track, adjust the lifting block on the bottom track using a 3/16” Allen key and a wrench to increase or decrease the lift as required.

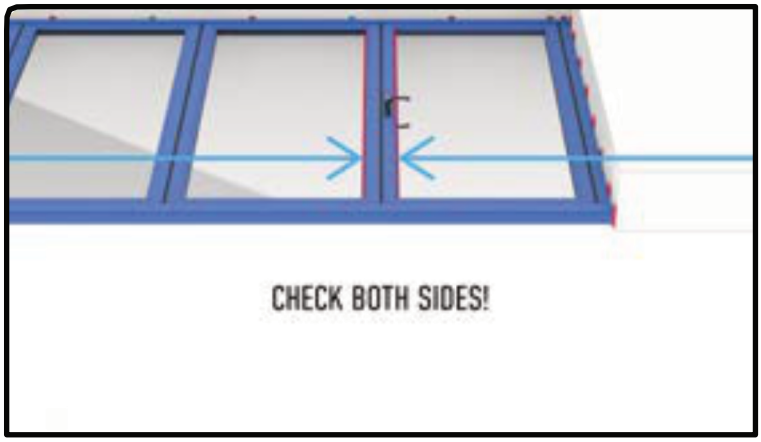


When the correct lift is achieved, lock off the nut in position.

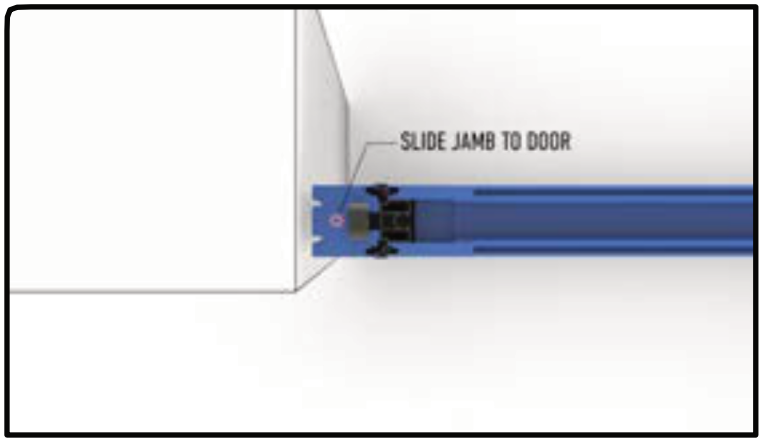
Step 5 > Completing Installation



When all panels are square, close the doors and set the slide jamb, ensuring that the swing door to keep door is not tight allowing for expansion and contraction.

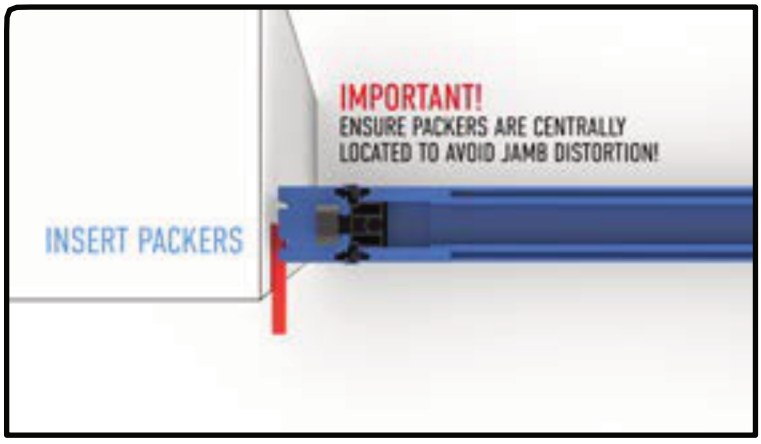


Check both sides!
Check to make sure the swing door opens and closes freely.

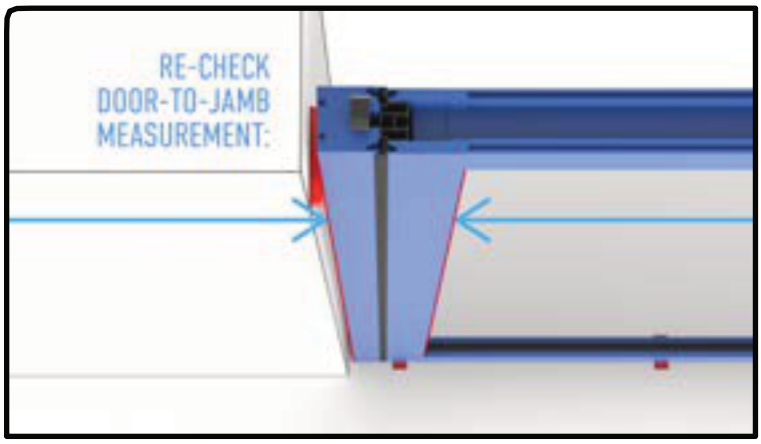


With these measurements confirmed, set the sliding door jamb the same way the swing door jamb was set. Check the swing door can open and close and you are shimming.

Step 5 > Completing Installation



Insert shims and ensure they are centrally located to avoid jamb distortion.

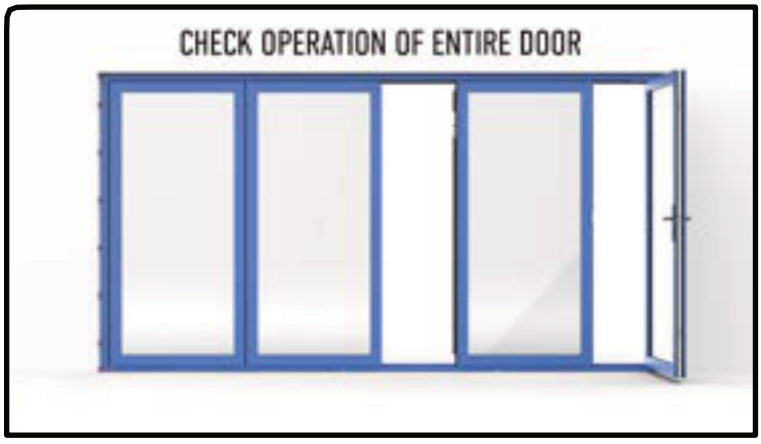


Re-check door-to-jamb measurement.

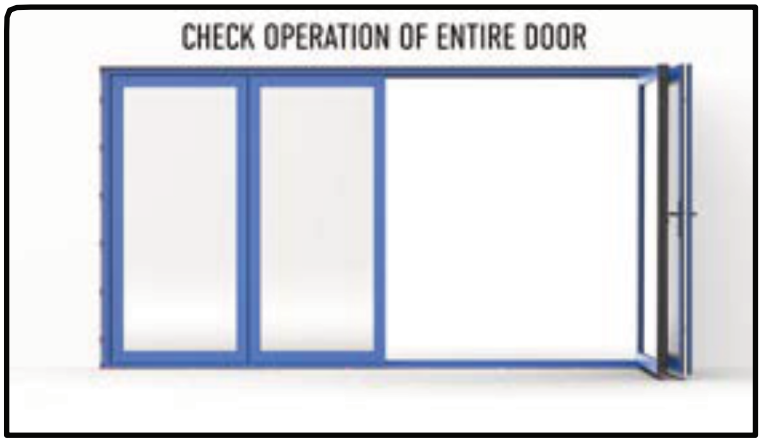


Insert shims and fixing to finalize the jamb install.

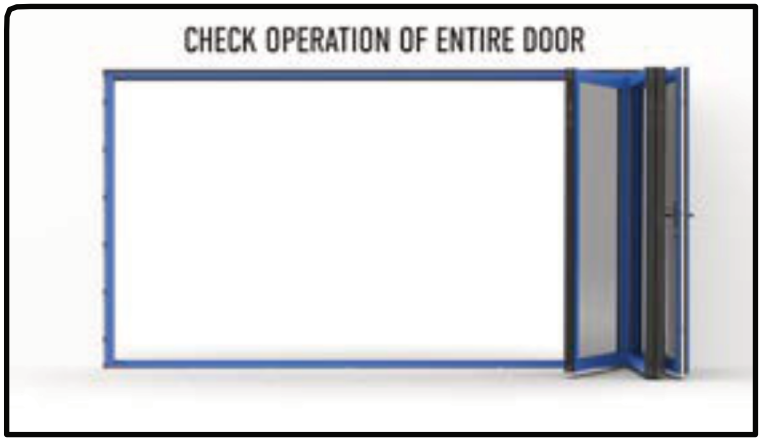
Step 5 > Completing Installation



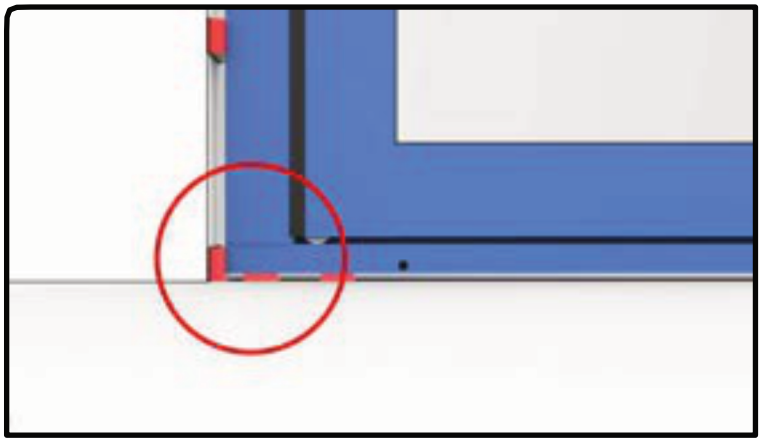
Finally check the operation of the entire door.



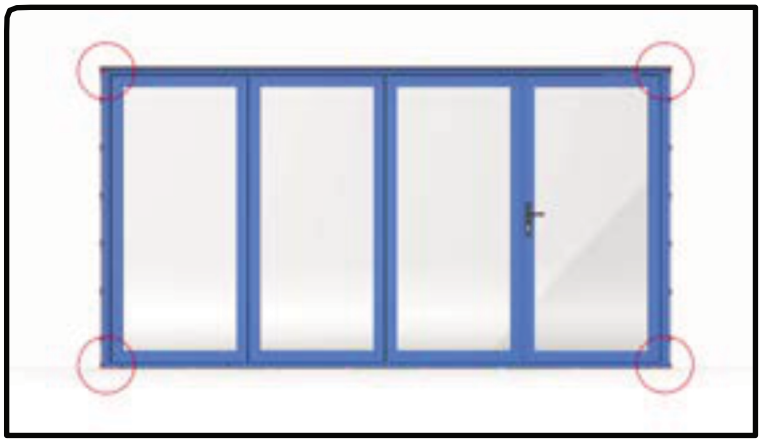
Make sure panels slide and pivot with no rubbing on the tracks.

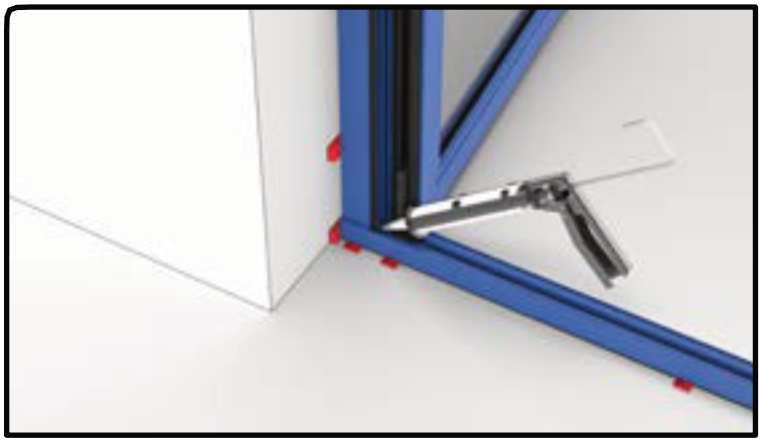


Step 5 > Completing Installation



Double check that the top track and bottom track are tightly packed in position at each end of the tracks to prevent any movement in operation.

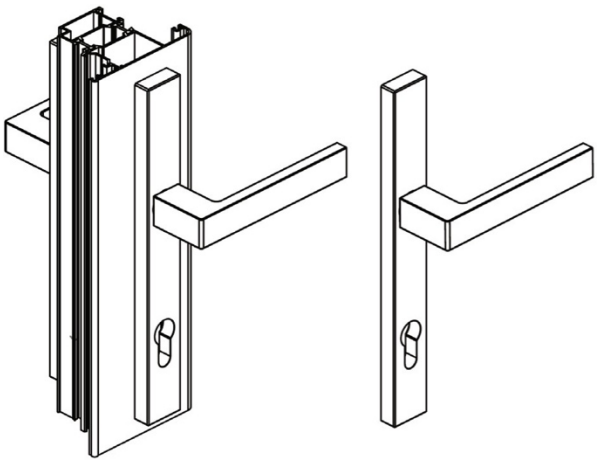




And finally, silicone seal beneath both door jams. Remove bottom track screws at a time and fill hole with silicone. Re install screws and tighten.
Clear silicone is recommended.

PLEASE REMOVE THE PROTECTIVE TAPE IMMEDIATELY AFTER THE DOOR HAS BEEN INSTALLED TO ENSURE NO DAMAGE IS DONE TO THE FINISH OF THE FRAME

GT91 INSTALLATION -ENGLISH



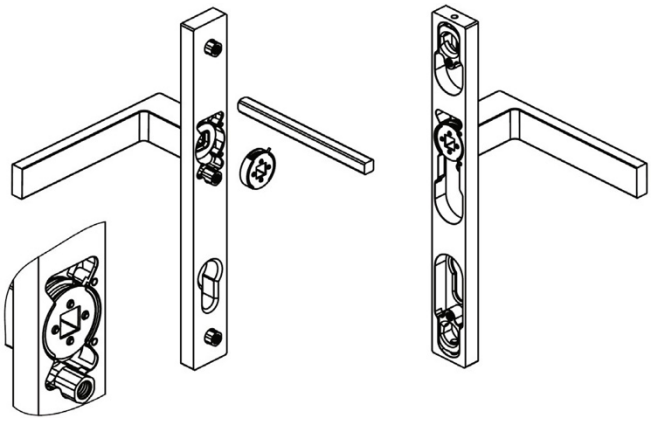
CONTENTS
-(3) M6 machine screw
-(3) Stand-off washer
-(1) 7 mm spindle
-(2) Spring Cassette
-(1) Interior escutcheon/lever assembly
-(1) Exterior escutcheon/lever assembly

REQUIRED TOOLS
-Philips screwdriver
-2.5 mm or 3/32 Allen wrench

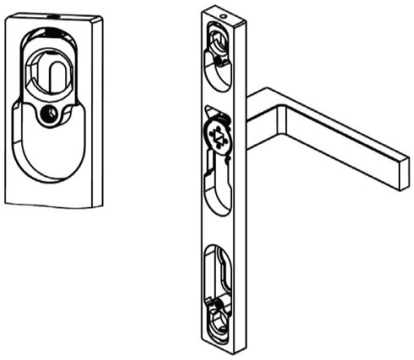


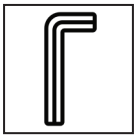


1.1) Press the spring cassette into the body of the escutcheon so that it is flush with the body. Ensure that the spring arms are touching the stainless-steel escutcheon pins.
1.2) The text on the spring cassette should not be visible when installed correctly.
1.3) The escutcheon illustrated on the right is the interior portion of the handle.



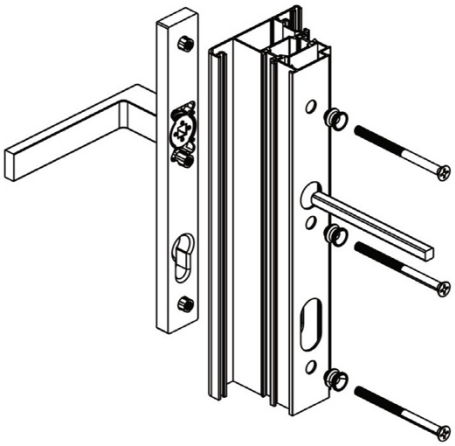
2.1) The interior receiver can be adjusted up and down if needed during installation. **DO NOT** overtighten the 2.5mmset screw holding the receiver.
2.2) The set screw should only be hand tightened until you feel **MINOR** resistance. Overtightening may cause a bulge on the escutcheon face.

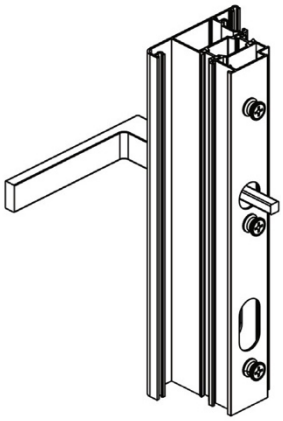




3.1) Add the stand-off washers to the M6 fasteners and hand tighten the fasteners into the outer handle escutcheon. Ensure that the fastener heads are flush with the stand-off washers when installed.

3.2) Insert the 7 mm spindle through the profile into the outer lever.

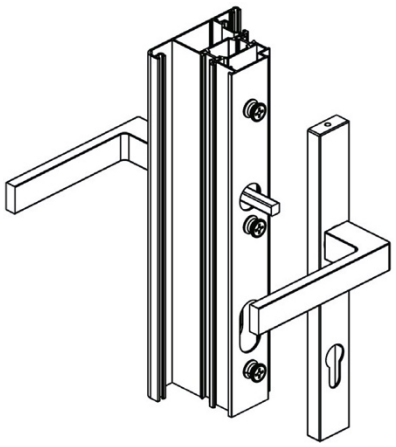


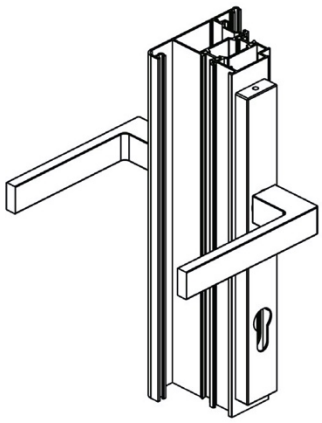


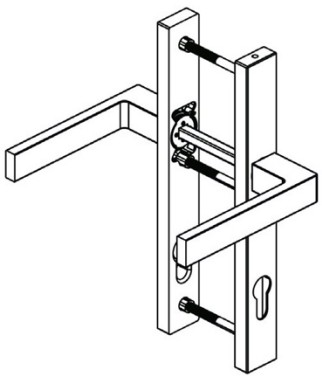


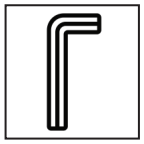
4.1) Carefully install the interior handle escutcheon onto the standoff washers.

4.2) Once the interior escutcheon is flush with profile, hand tighten the 2.5mmset screws on the top and bottom of the escutcheon. Hand tighten until you feel moderate resistance.









MAINTENANCE AND CLEANING

As with most mechanical devices, handles require periodic maintenance and cleaning.

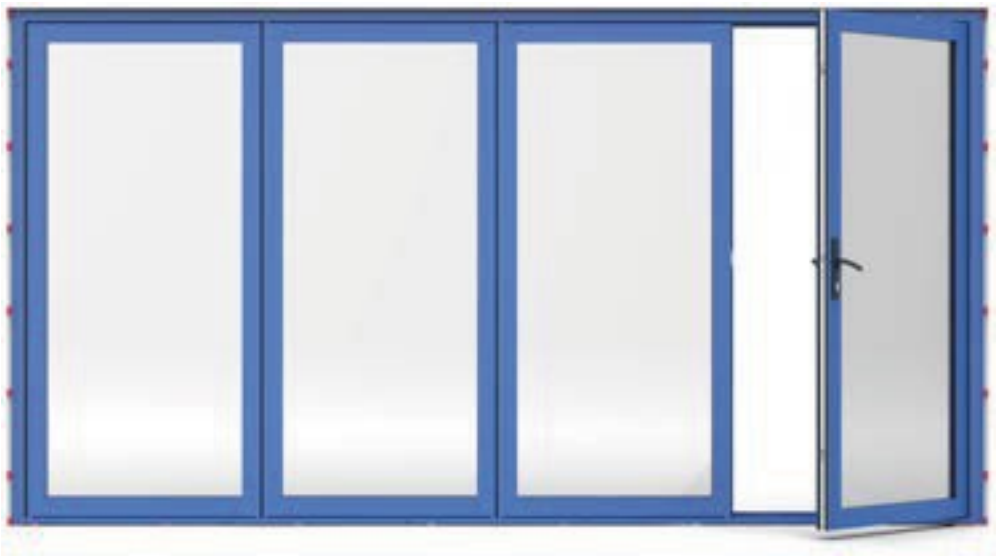
1.1) Installations in high salt spray environments should be routinely cleaned to preserve the finish and performance of the handle.

1.2) While salt-spray is most destructive on the ocean front, atmospheric salt spray corrosion can occur several miles from the ocean due to wind spread and other factors.

1.3) Routinely check the tightness and security of all fixing screws and set screws.

Congratulations!

Your installation is complete.



Maintenance

Recommended Maintenance Procedures

WOOD COMPONENTS

All wood component parts and finishes must be inspected quarterly for damage resulting from exposure to the elements and repaired immediately.

ALUMINUM COATINGS

Exposed surfaces should be cleaned with mild detergent soap and water. Any chips and scratches must be repaired immediately and not left exposed to the elements.

TRACKS AND BEARINGS

Remove surface contaminants by wiping visible track surfaces with a damp soft cloth and a mild detergent, and then wipe dry with a clean cloth. Silicone spray should be used to lubricate all moving parts on a monthly basis. Always keep the bottom track free from debris.

FREQUENCY

The procedures above need to be carried out as often as necessary to prevent deterioration in the installed environment. However, we recommend the following maintenance frequency:

General environments — every 6 months
Marine, industrial, or corrosive environments — every 2 months

LOCKS AND HANDLES

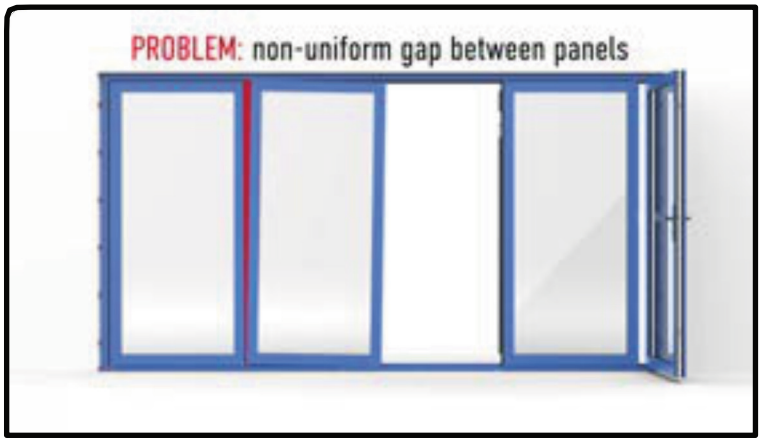
Wipe handles with a damp cloth (not detergent), and lubricate the door lock every six months. Do NOT lubricate the cylinder with oil, only use the graphite dust in the keyway itself.



Normal and regular maintenance is required to maintain the appearance and extend the finish life and maintain popper operation.

Troubleshooting

Troubleshooting > non-uniform gap between



If the gap between two panels is not uniform top to bottom, check the track is level and check that the gap between the bottom of the panel and the bottom track is the same on both sides of both panels.

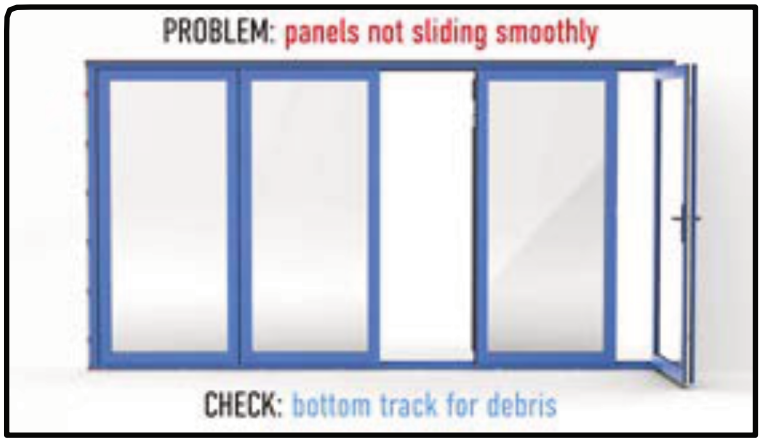


If that gap is inconsistent, check that all four reveal adjusters are fully retracted.



If required, then adjust to ensure the gap is consistent.

Troubleshooting > Panels not sliding



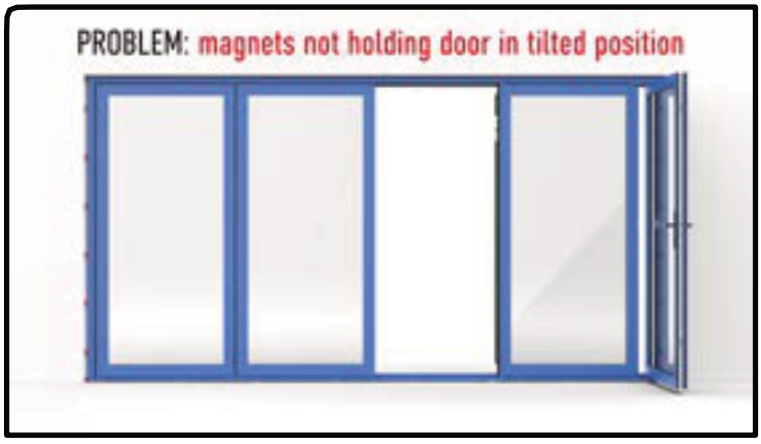
If the movement of the door is stiff check the top track is level.



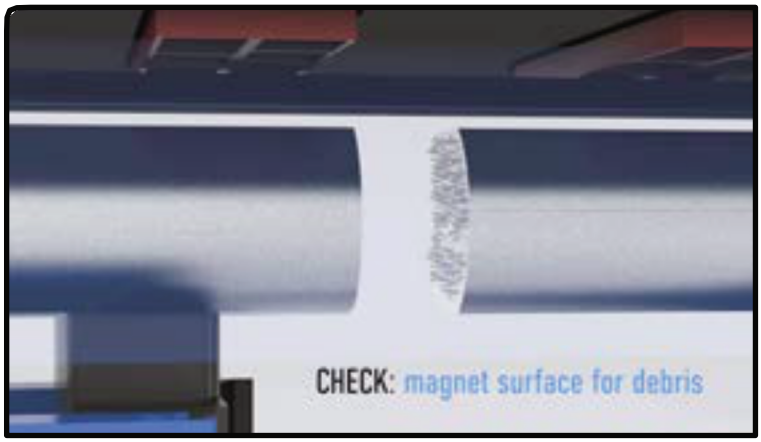
Check if any fixings a e inhibiting the moment of the door.

Check there are no obstructions to the movement of the door.

Troubleshooting > Magnets not holding door in tilted

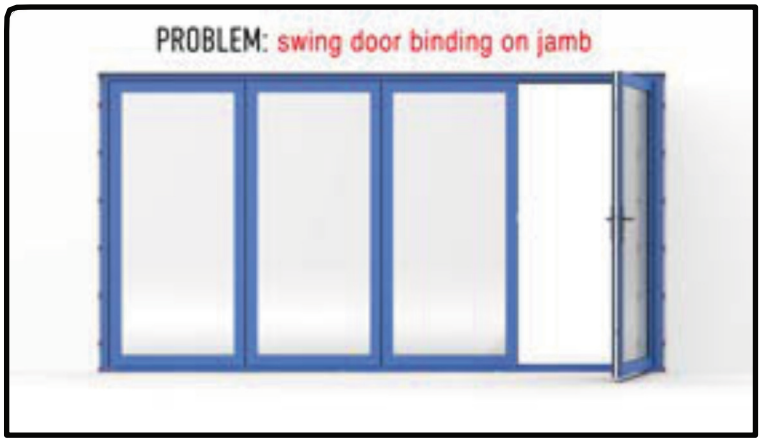


If magnets are not holding the doors in the tilt position adequately....



Check the surface is clear of debris on each of the magnets on both sides.

Troubleshooting > Swing door binding on



If the swing door is binding on the jamb, check the setting of the jamb is correct.



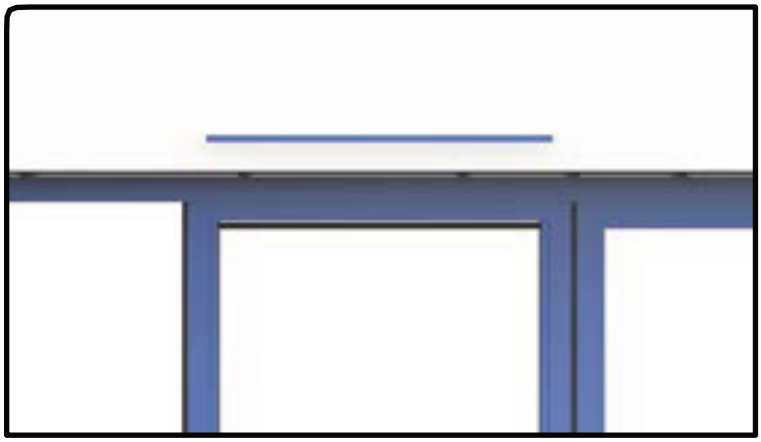
Also check that the orientation of the jamb alignment block is correct.



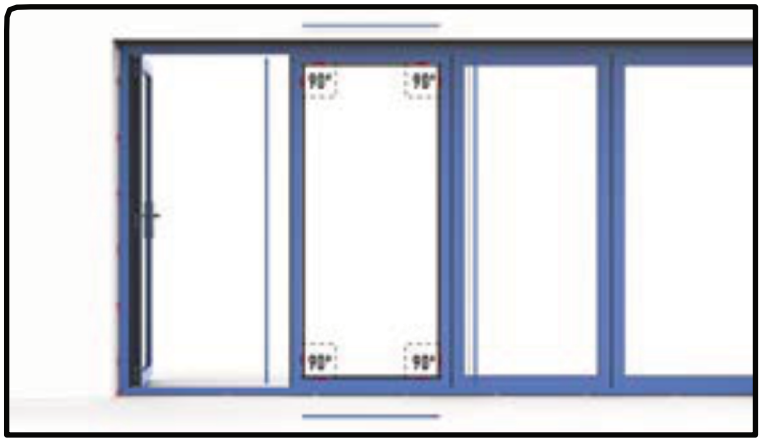
Troubleshooting > Swing door clashing with keep



If the Swing Door is clashing with the keep door, check that the swing door is parallel to the keep door, if not check the level of both doors both vertically and horizontally.



If the door panel is not square, then remove the beads carefully in position and pack the glazed unit evenly to square up the panel.



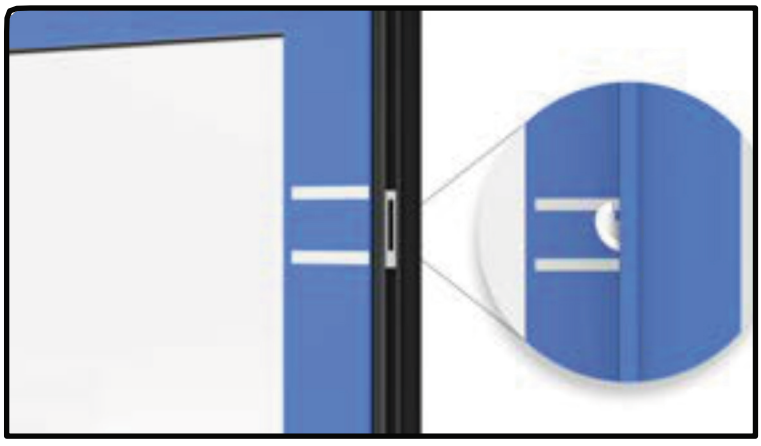
Check the sliding jamb is in a position to allow the keep door to meet the swing door as shown earlier.



If the door lock is not engaging or deadlocking, or the handle can’t be raised adequately....



Check the operation of the lock in the open position.



Check that the keeps are in the correct position.