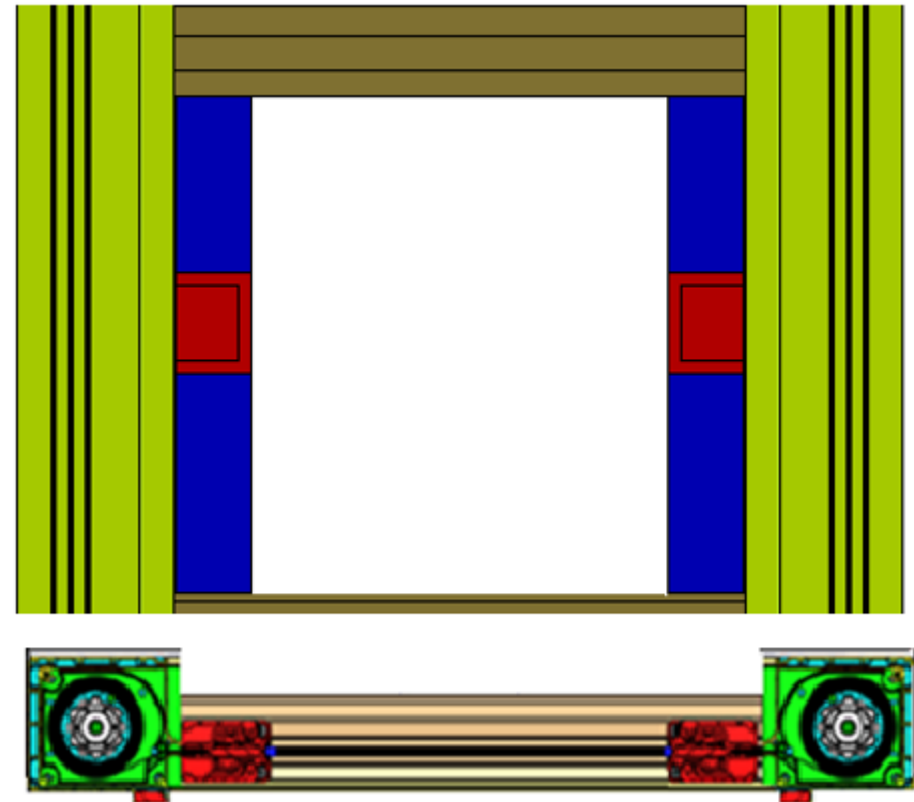


Wizard Screens

100mm Integrated Horizon Frame
3 Sided Frame - Double

1. Read fully before beginning
2. Installation typically requires two people

! Call 604-299-4426, or email support@wizardscreens.com
prior to starting if you have any questions

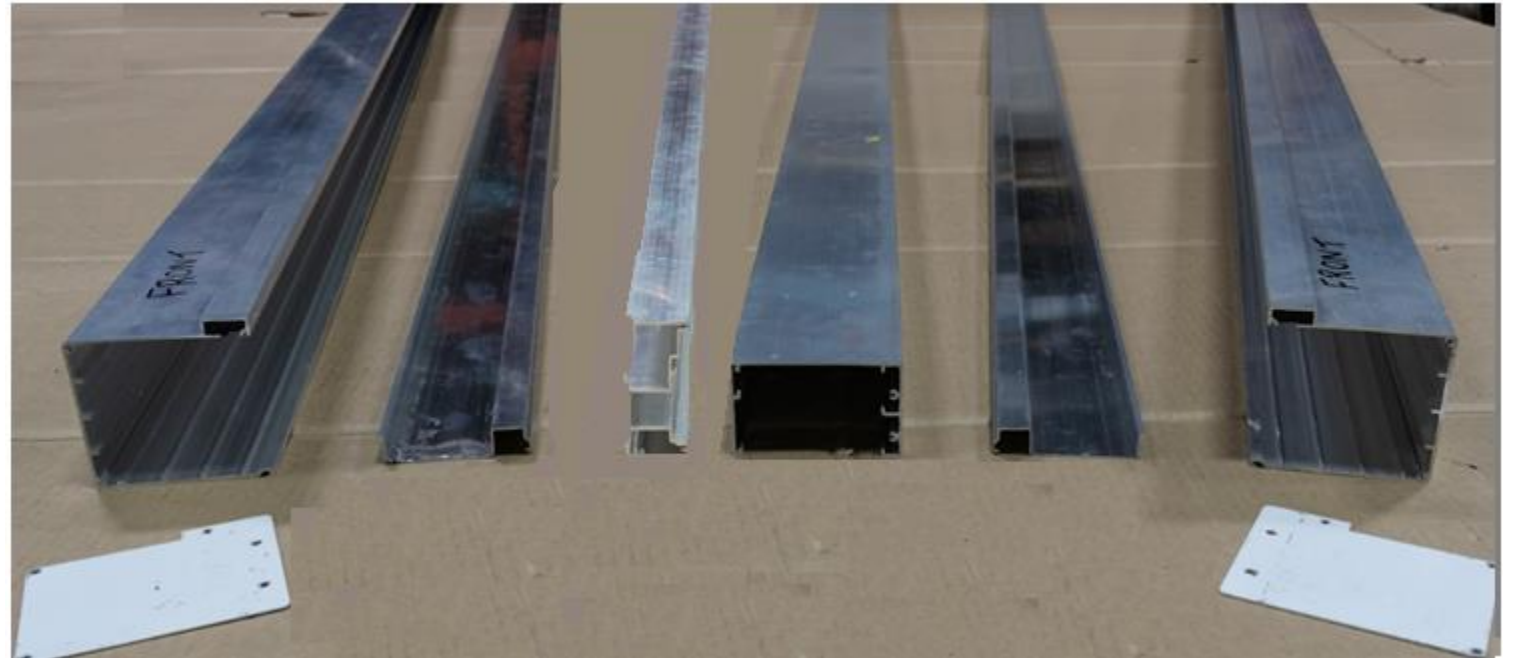


Tools

1. Power Drill / Driver
2. Straight-edge / 2-way Laser
3. Shims
4. Ladder

Components List for 3-sided frame - **DOUBLES**

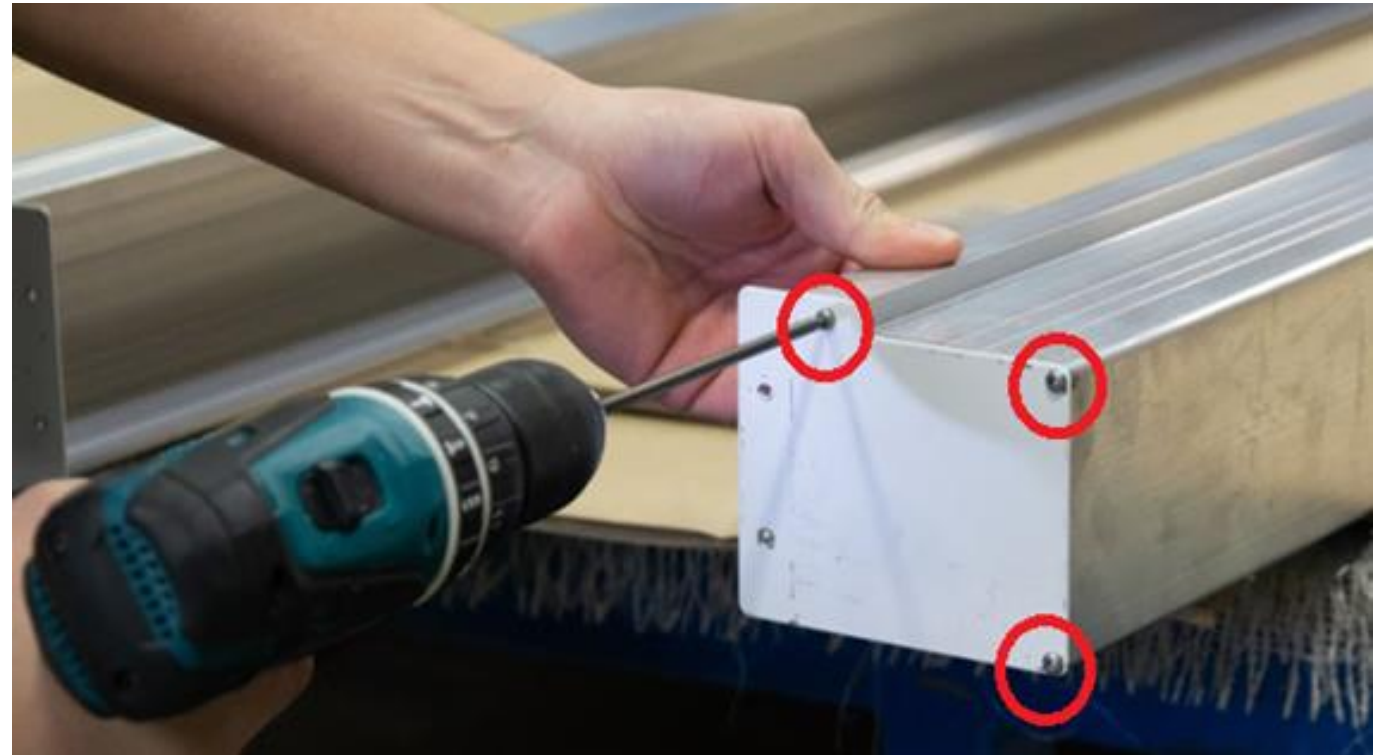
1. Header
2. Header Insert
3. Jamb
4. Jamb Block (jamb block located inside jamb)
5. *Jamb Filler **mill**
6. End plates
7. Screw pack



You do not require the Housing Alignments jig or locator pins

***Mill Jamb Fillers not included if you order screen at the same time.**

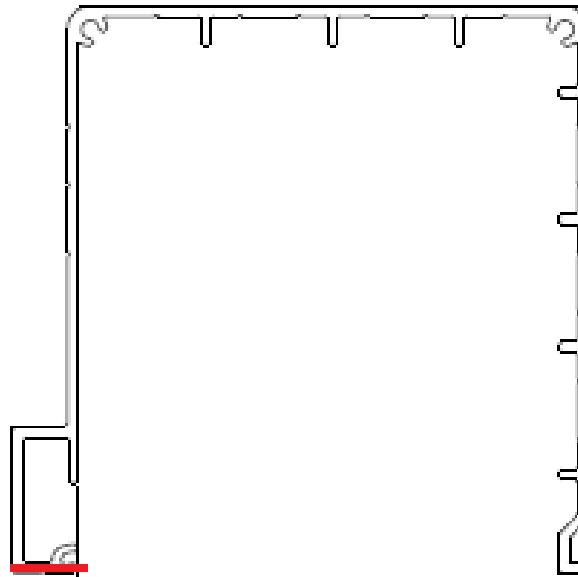
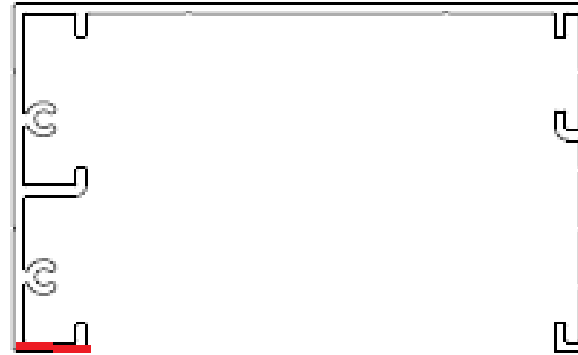
3 - #6 x 3/4" self-tapping screws provided for each side
Do this for both left and right



! Make sure jamb block is flush top and bottom once screw is installed.

Position the header onto the jamb extrusion

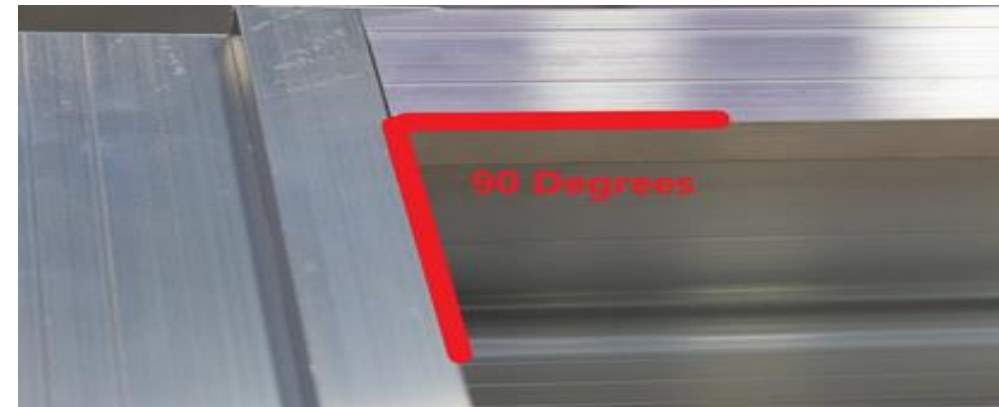
! Ensure that you matched the profiles as illustrated before fastening



2 - #6 x 1 1/2" self tapping screws provided for each side

Connect both top corners before moving to next step

Note: Doubles will typically have 2 headers, 2 Header Inserts and 2 Recessed Sills. Do each top corner separately before mounting into rough opening - there will be a butt joint once installed into the rough opening.



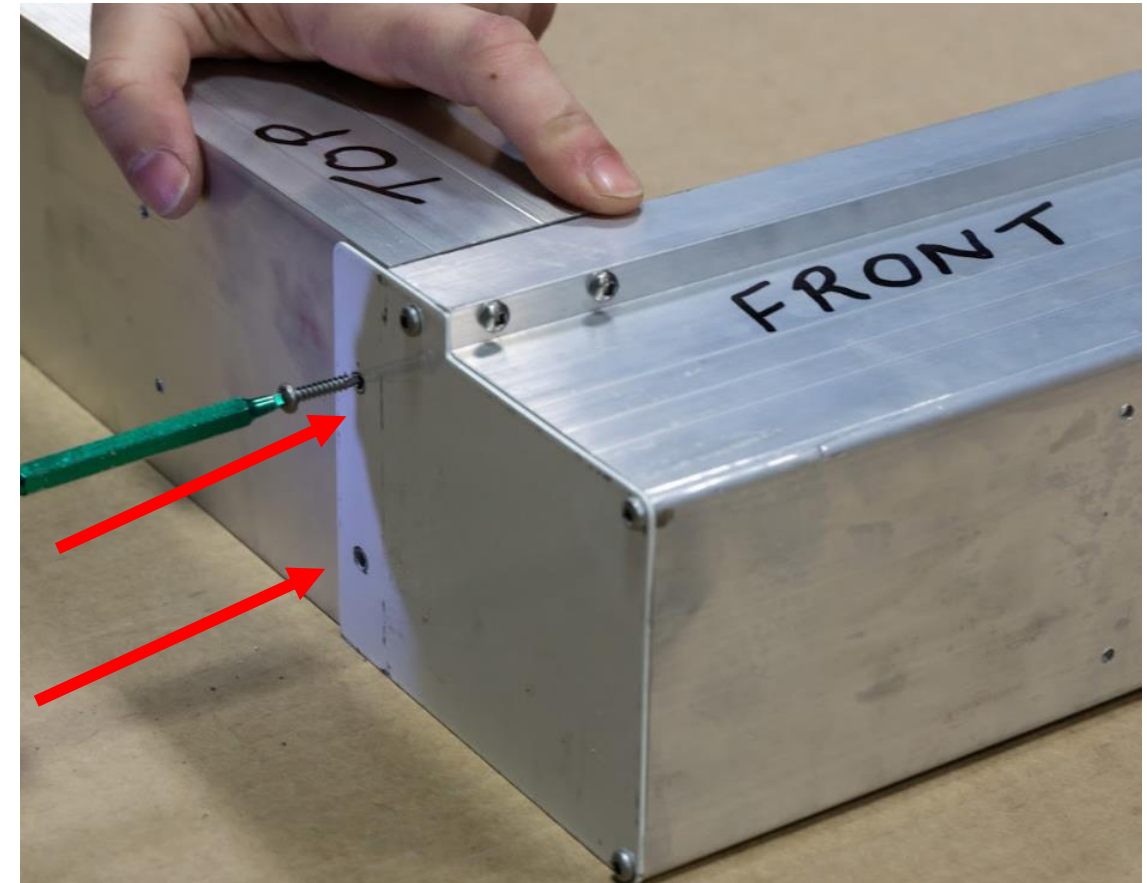
! Make sure corner is even/90 degrees and there are no gaps ($>1/16''$) in the connection points

#6 x 1/2" self tapping screws provided for each side

Place the aluminum headers between the 2 jambs

Attach from the **top** through the 2 holes in each end plate

Connect both top corners before moving to next step



Pre check rough opening for plumb, level and square.

When frame goes into rough opening it needs to be squared off, shimmed, and screwed into the rough opening so it is plumb, level, square and straight - pay special attention to bottom surface.

! The same goes for sides and top.



- 1) Lift frame into opening. If installed inside the house, “front” faces to the interior and the back to the exterior.
- 2) Drill on **guide lines** and screw frame into rough opening using #8 x 2” self tapping screws or equivalent depending on the mounting surface - **Install paired screws every 12” - 16” down the jamb**
- 3) Once complete, re-check install for plumb, level and square, make sure there are no bows or bends in the aluminum
- 4) Repeat on opposite side



Upper header: Fasten along the guide lines 4" from the jamb and then approx. every 12" - 18"

For double door a butt joint might be required in the rough opening. Install one side of the frame temporarily and get the other side into position, once into position you can begin line up both sides and make any adjustments. Make sure you have at least 4 screws installed within 1" of the butt joint to ensure its strong.



Install jamb inserts - note orientation, and push the jamb insert all the way down tight to the floor

These help hold the integrity of the frame while construction continues - these are removed once the installation of the screen begins

With the jamb filler installed, check frame for Plumb, Level, Square, Straightness, and no Twists which is caused by overtightening the anchors.

It is recommended that the screen be installed as late as possible in the construction phase to avoid any damage.



Installing the Screen

Before Installing the Screen: Check the Frame is still Plumb, Level, Square and not Twisted

Carefully remove jamb inserts



Install header inserts (there are 2)
*note position of track channel to
line up with the pull-bar



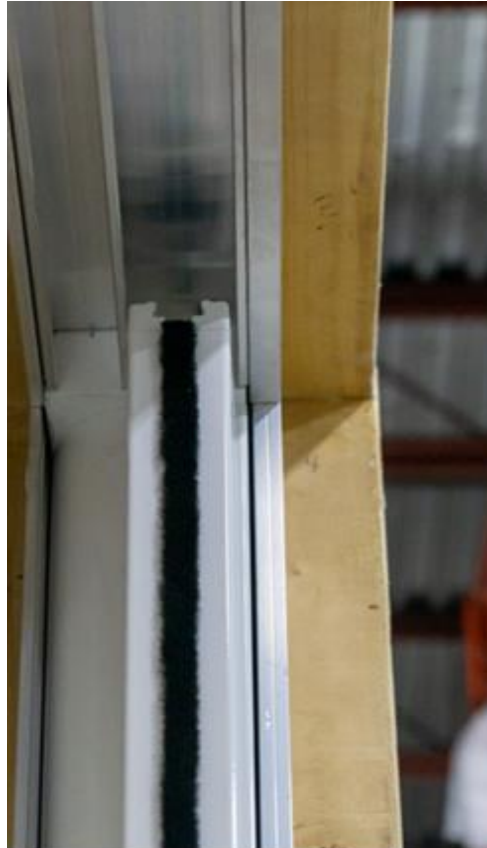
**! Note Orientation with header
inserts and will look as below
(installed in next steps)**



Install housings



Orientation of header
insert / pull-bar (tracks
not yet installed)



Release brakes using supplied **RED** wedge

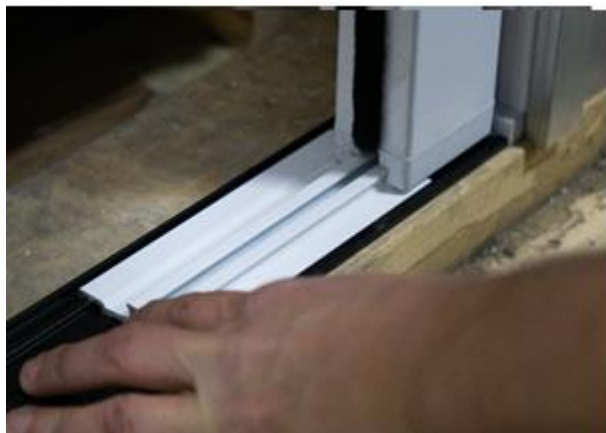


Slide the 2 lower track mounts under pull-bar tight against housing endcap. Use supplied track cut-off to ensure the track is square housing and fasten down REPEAT ON OPPOSITE SIDE

Make sure the track mounts are over and tight to the housing

Lower Track Mounts (2): Drill and Counter sink lower track mount with 1" Robertson (square) flathead screws every 12" - 18"

Use supplied cut-off to align both track mounts

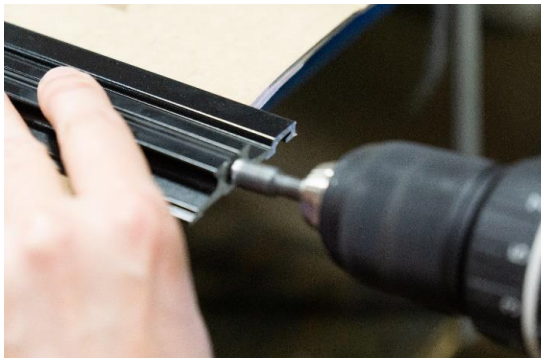


Cut Upper Track runner at the housing end to fit tight between upper housing endcap and latches/track joiners

Cut Lower Track runner at the housing end to fit tight between spigot on the lower housing endcap and latches/track joiners

Counter sink and debur track runner after cutting – Do not over cut runners

Counter-sink the black track runner



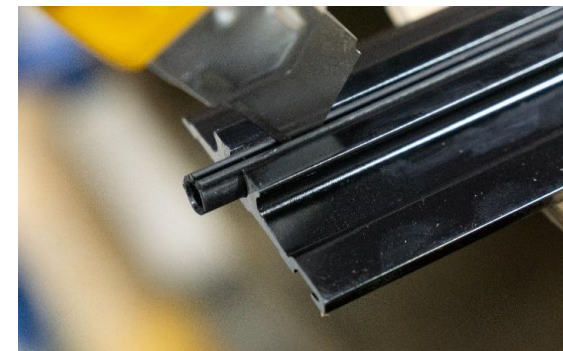
Trim the top edge at 45°



Pull it out approx. 8"



Check track runner is clear of debris



Lift pull bar, gently slide track runner onto the zipper teeth, tight to nipple on each endcap – see highlight in last panel below

Remove the track cut-off



Do this on both sides

Feed lower track onto pull bar



Track tight to housing



Interlock track and track mount



Insert spline



You will have a gap in the middle



Tilt upper tracks into the header and release them

Feed the **extended track runner** onto top zipper, ensuring it's tight to housing

Release the track to let it sit in the track channel

You will have a gap in the middle



Tracks Latches

The upper and lower track latches now fit into place, you might need to trim the track runner for a tight fit, fasten in place with the screws.

Upper
Track
Joiner



Lower
Track
Joiner



- 1) *Frame is Plumb, Level, Square, and not twisted*
- 2) *Housing is flat on the ground AND plumb*
- 3) *Housing mesh slot has not been squeezed during the install*
- 4) *Housing is square with the tracks*
- 5) *The M3 pin is correctly aligned and in position on the top track*
- 6) *Top track is tight to the housing*
- 7) *The lower track is tight to the housing and on the housing endcap spigot*
- 8) *Tracks are levelled parallel and plumb front to back across the opening*
- 9) *Zipper are in the correct position in the housing endcaps*
- 10) *Track have the dry silicon spray on them*