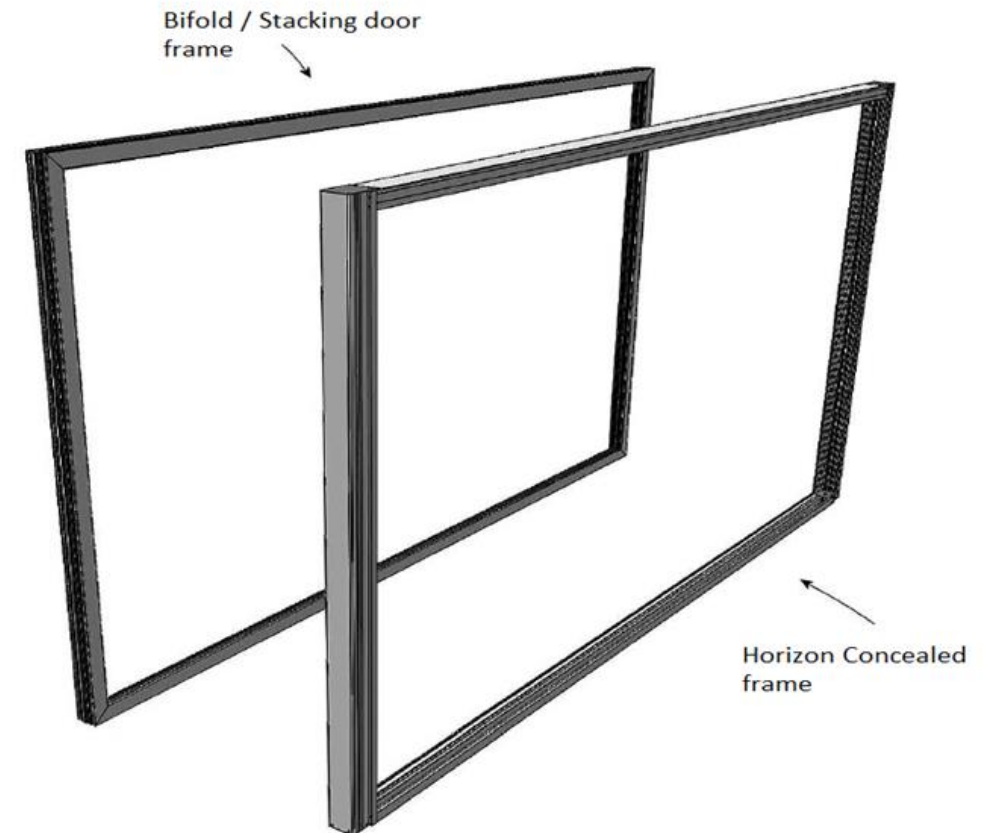


Wizard Screens

80mm / 100mm Integrated Horizon Frame
4 Sided Frame - Single

1. Read fully before beginning*
2. Components are cut to size and predrilled for convenience
3. Installation typically requires two people

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



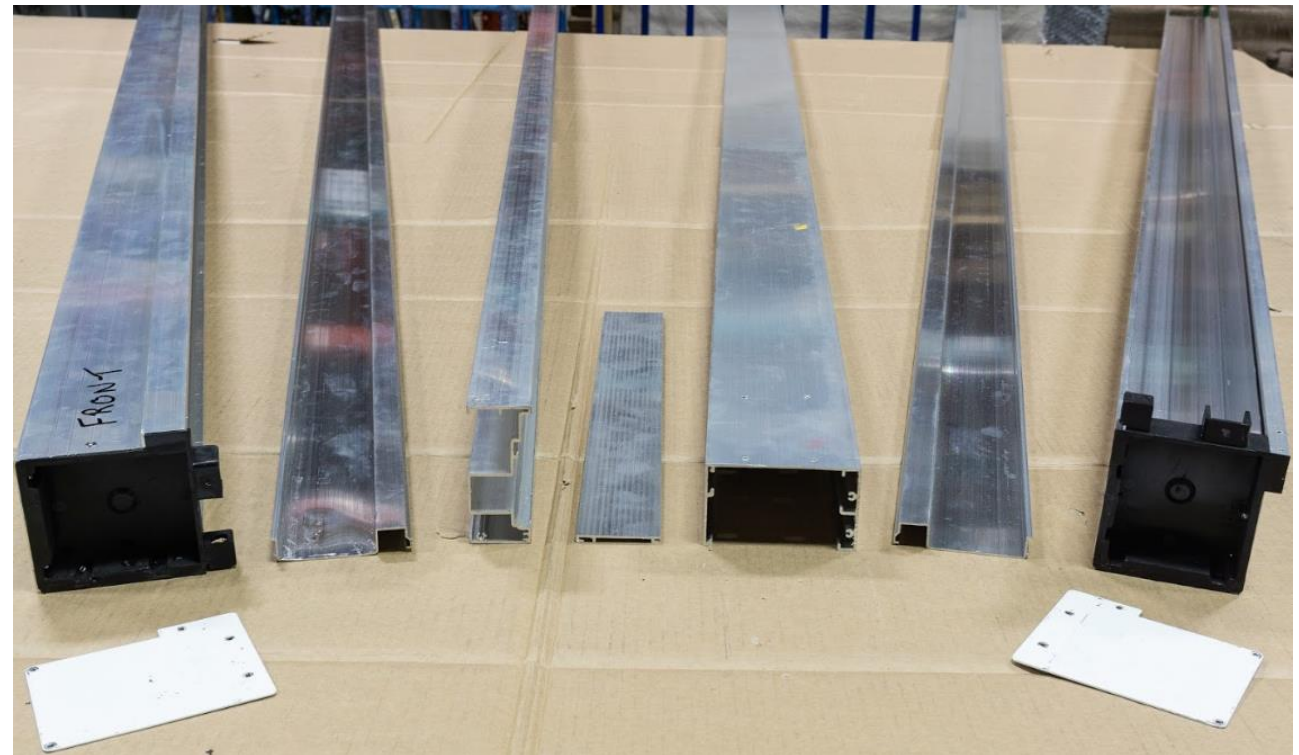
*This will save you steps (if you are installing the screen right away, you don't need to install the sill cover or mill finish jamb fillers)

Tools

1. Power Drill / Driver
2. Level
3. Shims
4. Ladder

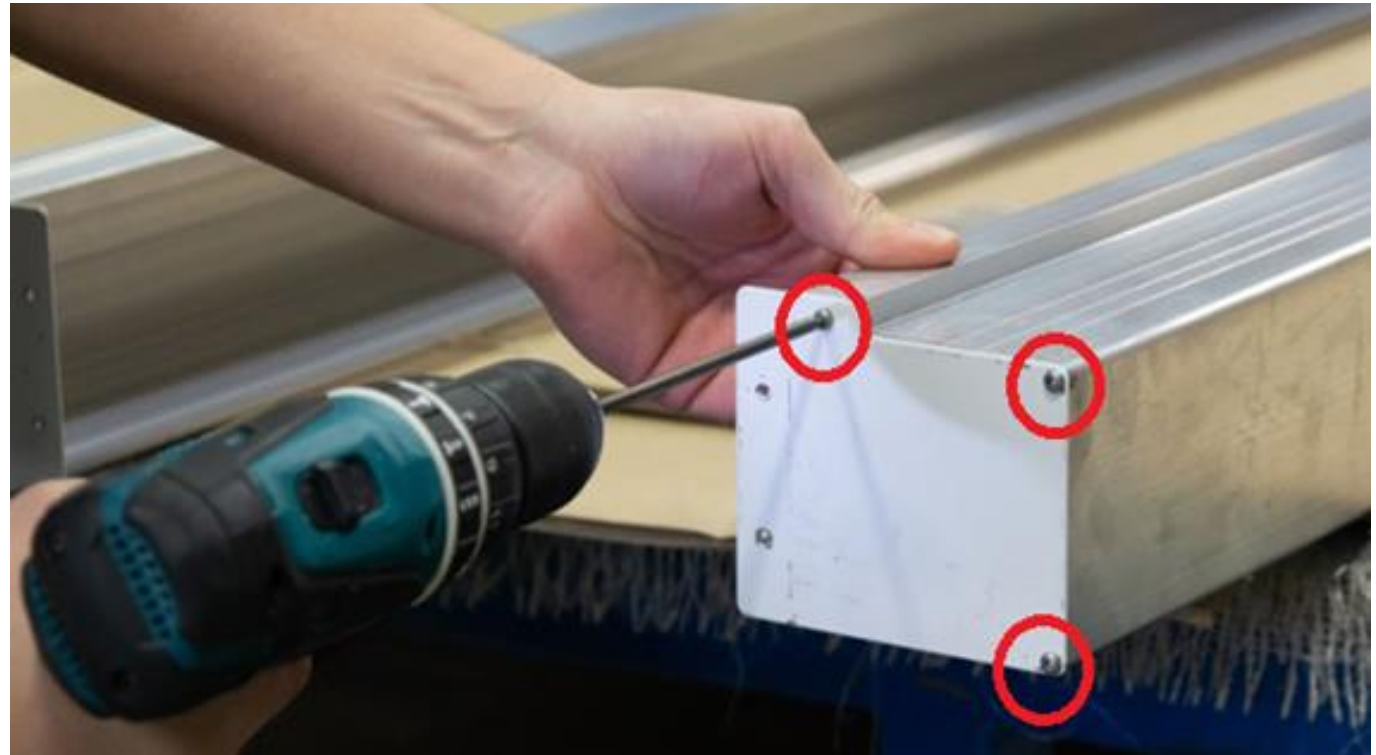
Components List for 4 -sided frame - **SINGLE**

1. Header **x1**
2. Jamb **x2**
3. Jamb Block **x2** (jamb block located inside jamb)
4. Jamb Filler **x2 mill**
5. End plates **x2**
6. Sill cover **x1**
7. Sill Riser **x 1**
8. Screw pack



You do not require the Housing Alignments jig or locator pins

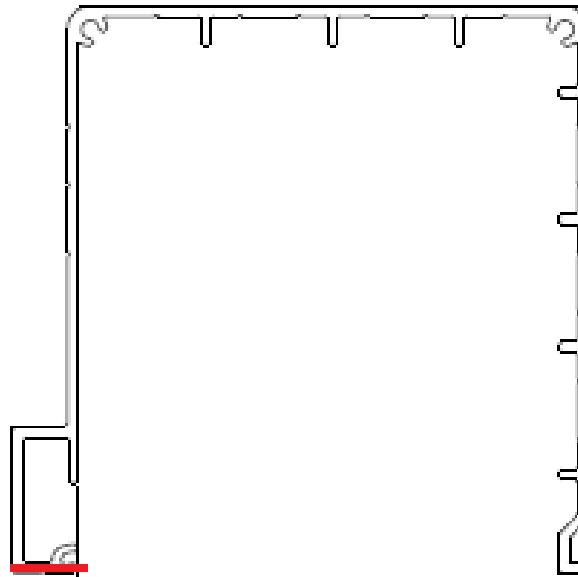
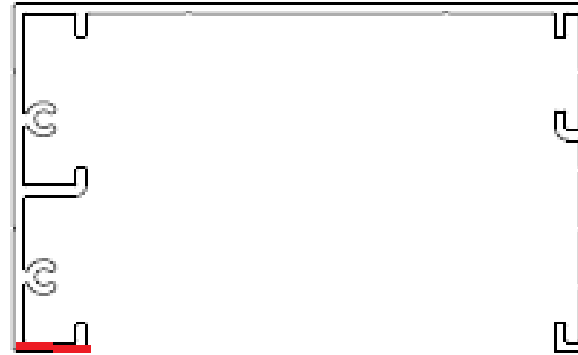
3 - #6 x 3/4" self-tapping screws provided for each side
Do this for both left and right



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

Position the header onto the jamb extrusion

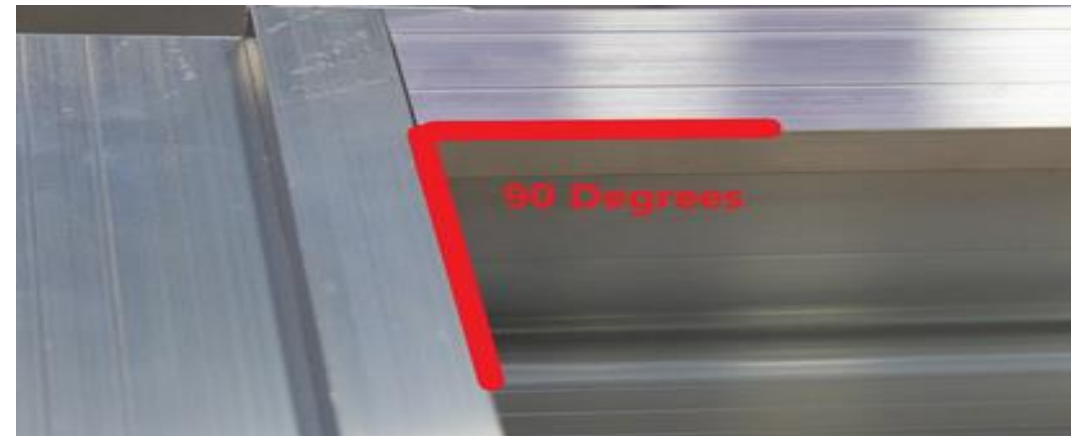
! Ensure that you matched the profiles as illustrated before fastening in the next step



2 - #6 x 1 1/2" self tapping screws provided for each side
Place the aluminum header(s) between the 2 jambs
Connect both top corners before moving to next step



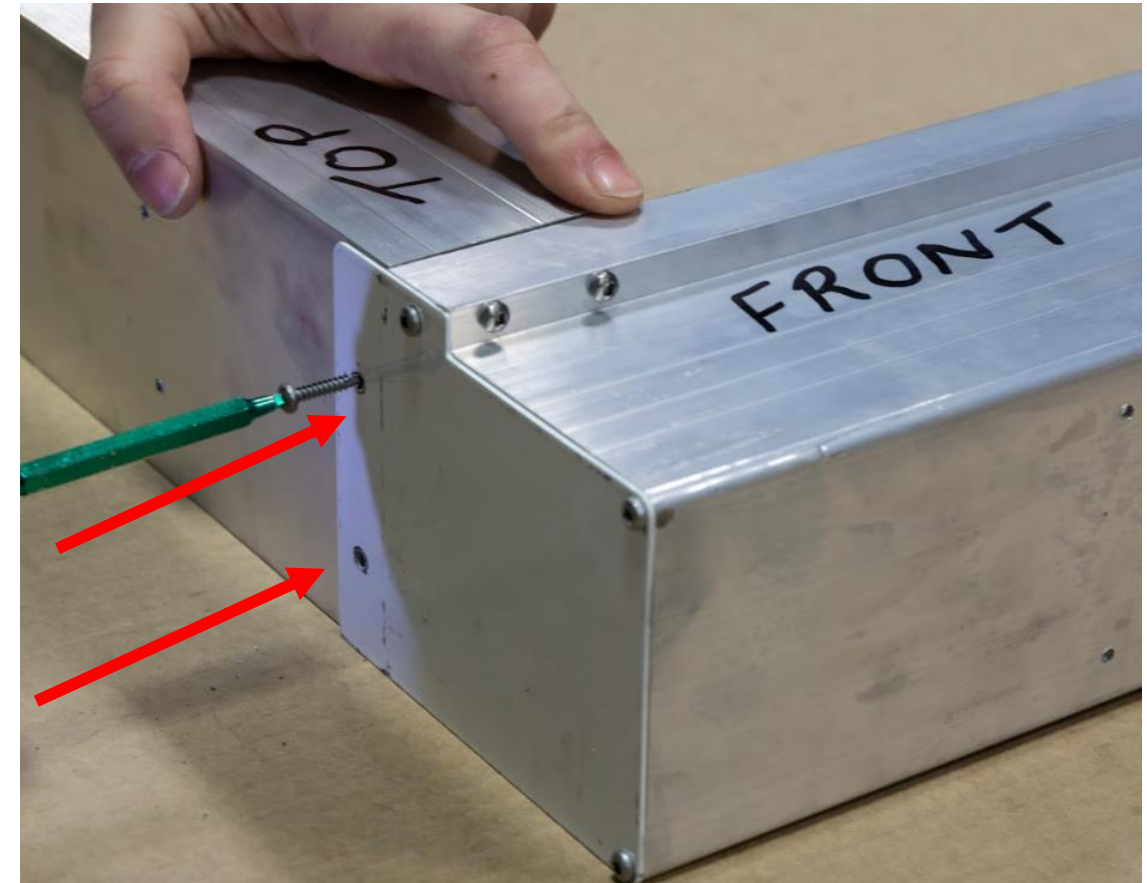
! Make sure corner is even/90 degrees and there are no gaps
($>1/16''$) in the connection points



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

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

Connect both top corners before moving to next step

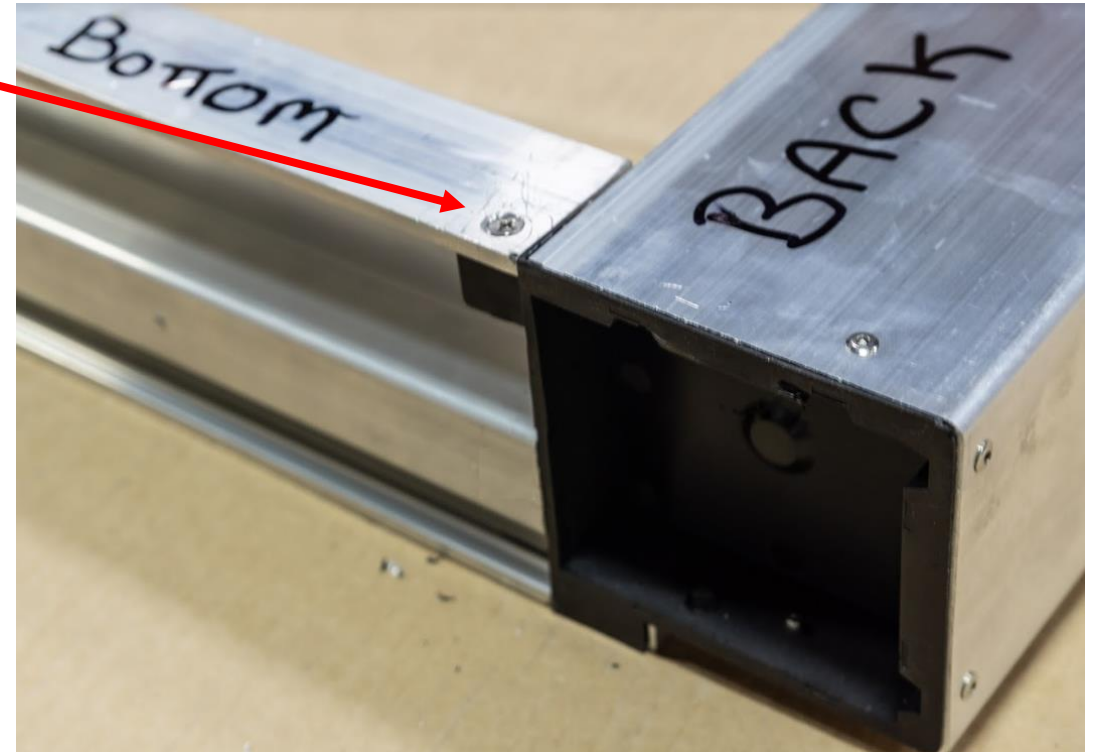


Attach the lower sill riser to the Jamb extrusion on both sides



Attach the lower sill riser to the Jamb extrusion on both sides

On the back, fasten together on each side



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 and square - pay special attention to bottom surface.

! If you have a “hump” or “dip” in the middle then you will need to possibly shim the frame up (for hump) on the sides so the bottom of the frame is level with the highest point in the floor wherever that might be, if you had a dip then when the screen unit goes in the tracks will need shimming so they are level.

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 2 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

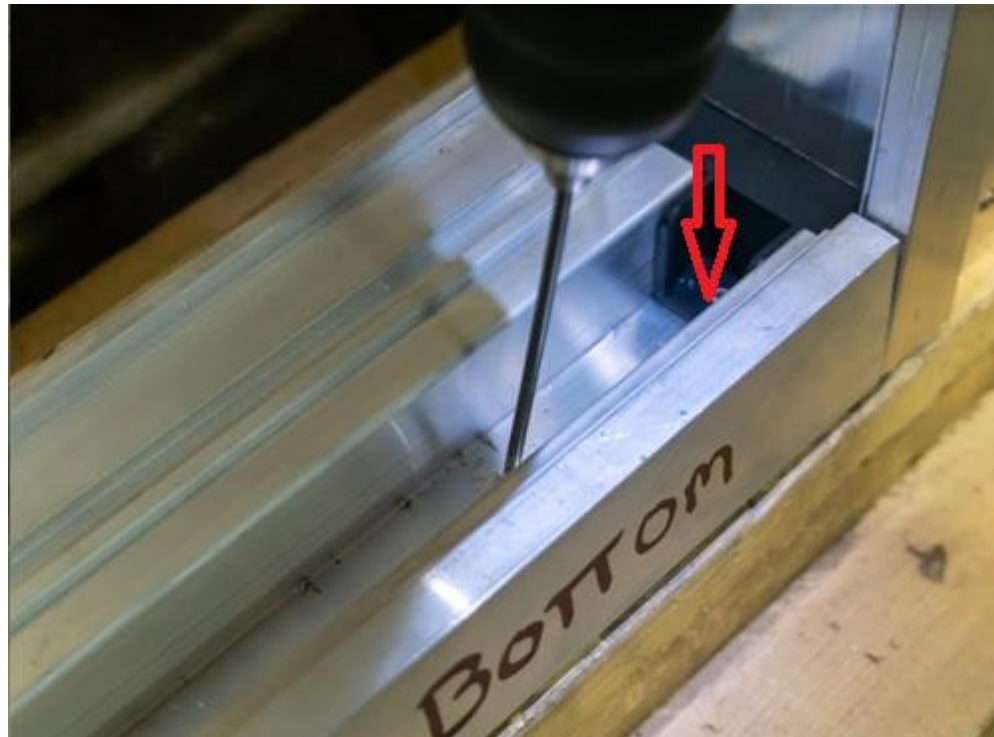


Install jamb inserts (note orientation) remove once the installation of the screen begins

Install lower sill: Drill and fasten lower sill with 1" Robertson (square) screws, approx. every 12" - 18"
First screws are placed at the RED arrow in each end

*Install screens as late as possible in the construction phase to avoid any damage.

Push the jamb insert all the way down tight to the floor

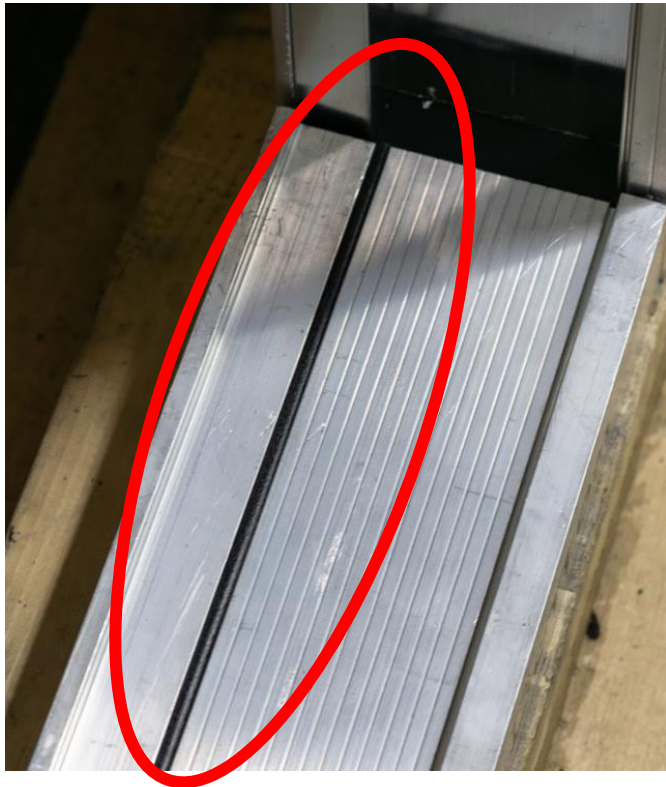






Installing the Screen

Remove black spline



Slide the cover and remove



Carefully remove jamb inserts, install painted Jamb filler on receiver side, (packed with screen)



! Note Orientation with header insert and upper track will look as below (installed in next steps)



Install Header Insert ! take note of orientation it only goes in one way correctly and is difficult to get out.



Note the orientation of the track channel (tracks not yet installed) and where the pull-bar will travel



Install housing



Upper and lower track runners

Counter-sink the black track runner



Upper and lower track runners

Trim the top edge only
at 45°



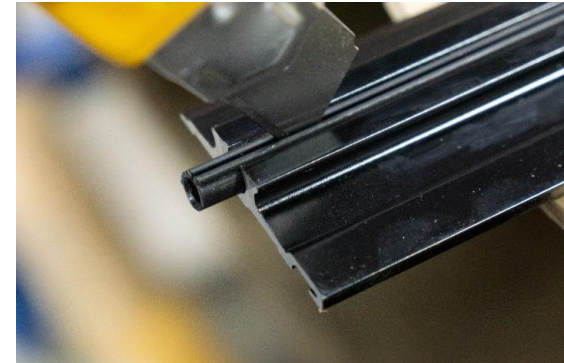
Lower track runner

Pull it out approx. 8"



Upper and lower track runners

Check track runner is clear
of debris



Release brake with supplied wedge



Install brake latch on receiver end of tracks



Extend track runner, lift pull bar



Slide track runner onto mesh, tight to housing nipple



Lower pull bar



Slide track through and over housing nipple



Interlock the track and fit in retaining spline



Tilt the upper track into the header, and slide it back into the empty jamb



Slide the upper track into the jamb filler cavity on receiver side



With the brake released, feed the track through the pull bar and onto the mesh



Release it to let it sit in place in the track channel

