Integrated System

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3-Sided Frame
100mm SINGLE Screen Installation

Minimum 2 installers required

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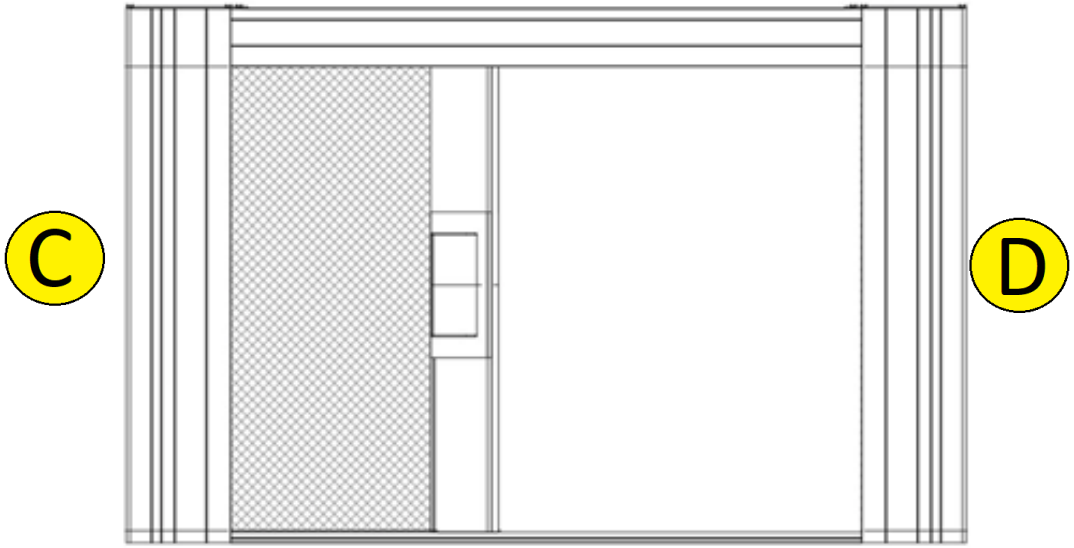
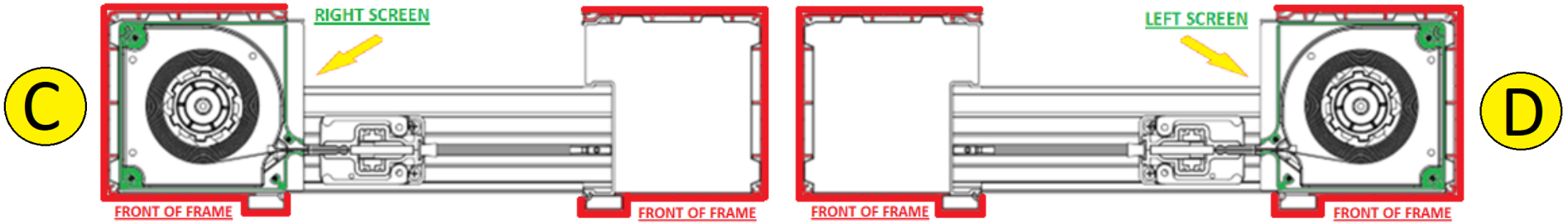
! Call 604-299-4426, or email support@wizardscreens.com prior to starting if you have any questions

FRONT VIEW



Spray tracks *only* with **dry silicone.**

AERIAL VIEW



Considerations

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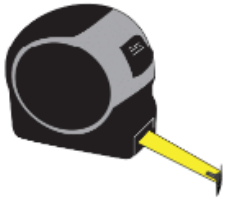
1. Confirm the frame is plumb, level, straight, square, and free of twist. Adjust where necessary if possible.
2. Confirm the sub straight is level and straight. Be aware that if it is *not:*
   - the screen may sag a little; *and*
   - the pullbar may bind,

   both at where the humps in the floor are.

REQUIRED

Level

Tape Measure



Pencil

Shims

Flat Pry Bar

Hacksaw

9/64 and 1/8 Drill Bits

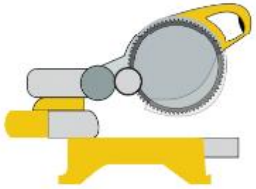
#1 and #2 Robertson Driver Bits

Dry Silicone Spray

2-way Laser Level Kit

Filer

Chop Saw



Drill

Step Ladder

Vacuum

RECOMMENDED

Laser Distance Measure

Temp. Jamb Fillers

Carefully remove
temporary mill jamb fillers.

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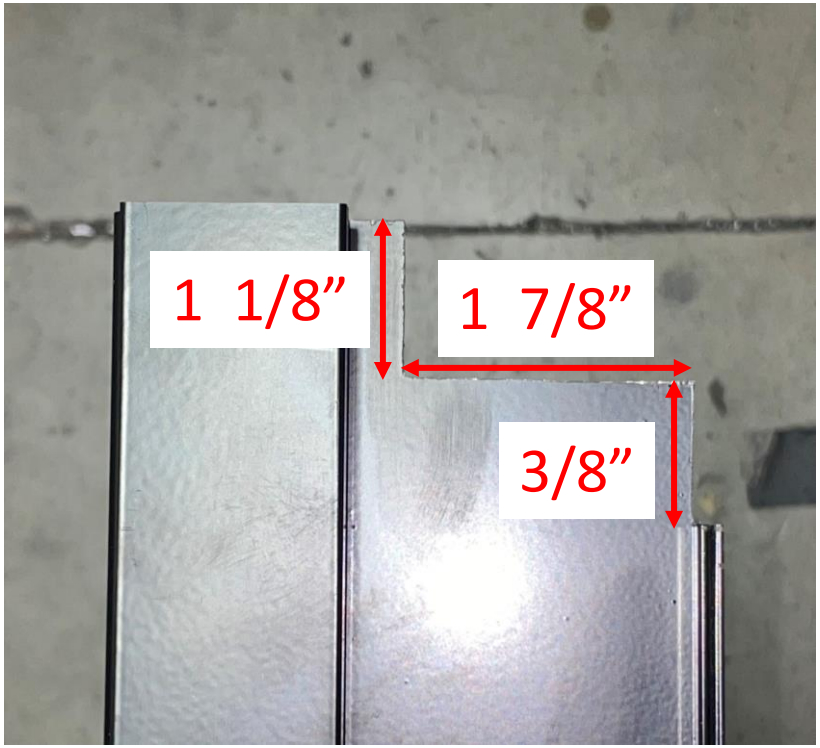
1. Notch top of jamb filler accordingly.



2. Install jamb filler.

Insert Screen Unit

1. Install screen unit.
See pg 2 for orientation.

2. Release brake using supplied **RED** wedge.

Header Insert Orientation

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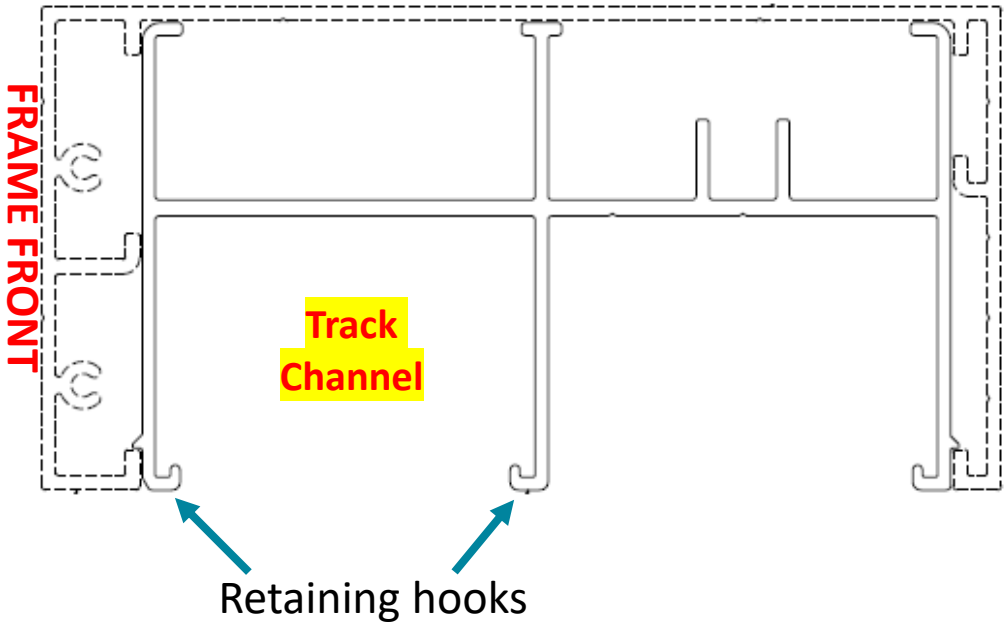
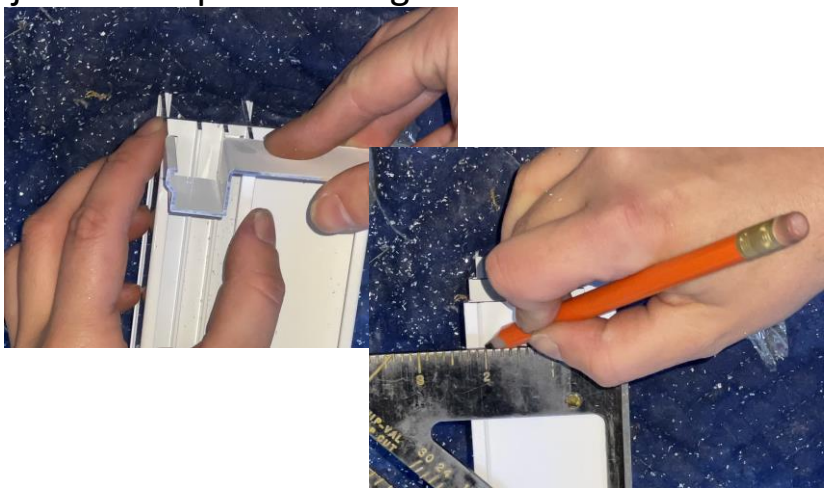
! Ensure insert is oriented in header as shown



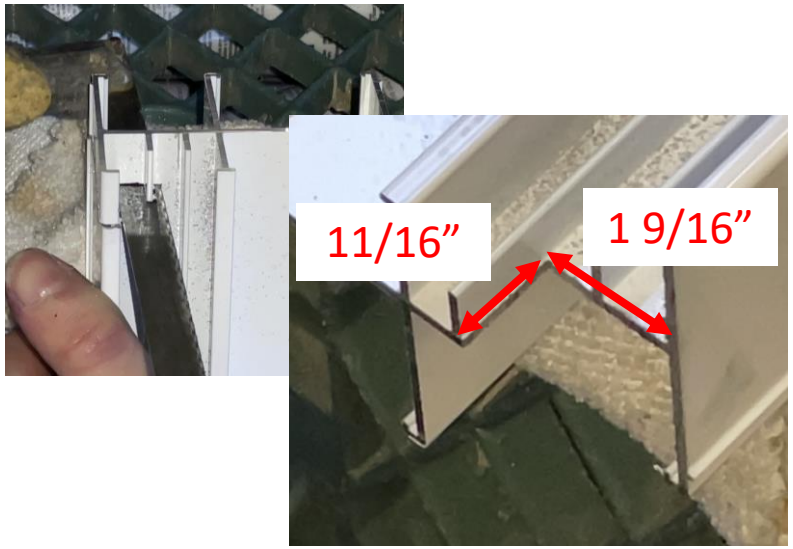
Header insert length will be **1/8" shy**. This means the housing will be removable without having to remove the header insert.

Cut and Install Header Insert

1. On the receiver end of **header insert**, trace jamb filler profile using cut-off.



2. Cut the header insert to traced marks.



3. Attach header insert.

* Ensure **track channel** is on the correct side where screen will run!

Record Track Measurements

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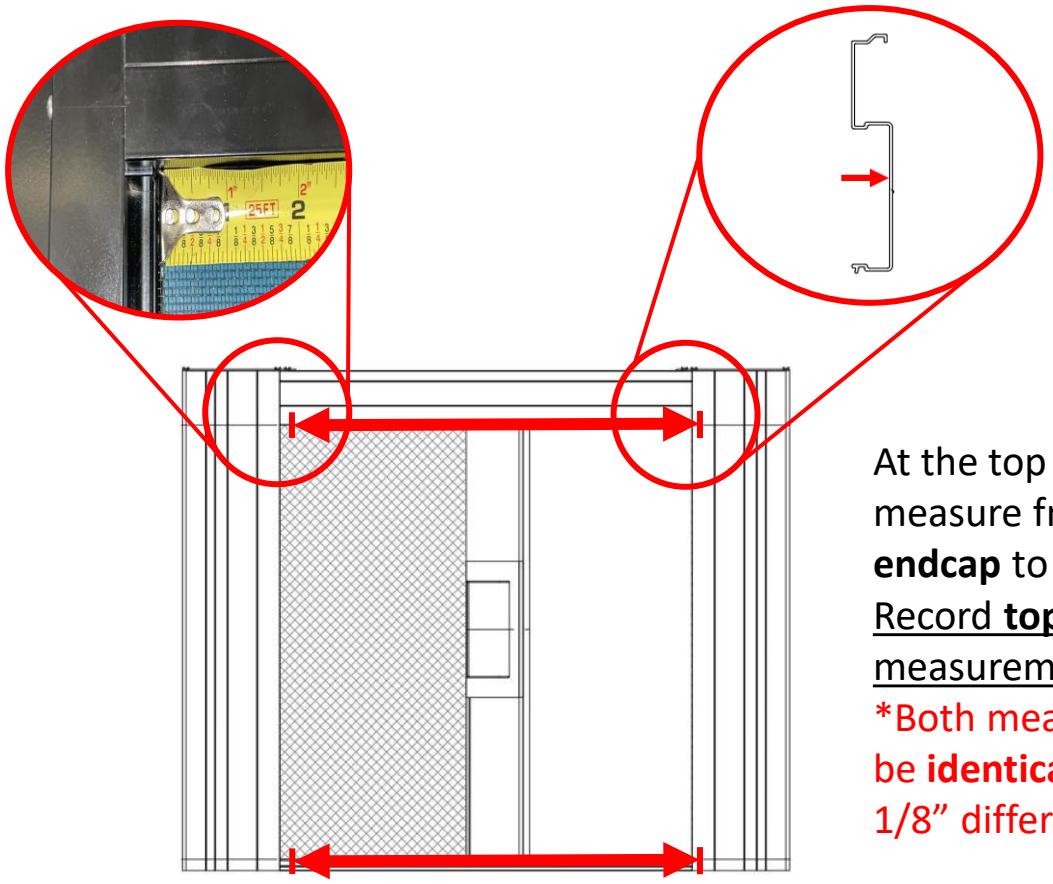

Laser Distance Measure

At the top *and* bottom, measure from **housing endcap** to **jamb filler indent.** Record **top** and **bottom** measurements.

*Both measurements should be **identical**. No more than 1/8" difference.

FIRST, push header insert *fully against* housing, which must not lean out of jamb. Do not accidentally measure too short.

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Lower track:

1. Flush lower track components at one end, track runner against latch.
2. Cut lower track to recorded **bottom** measurement.
3. Cut lower track runner ***1/8"*** **shorter** to accommodate **endcap spigot**.

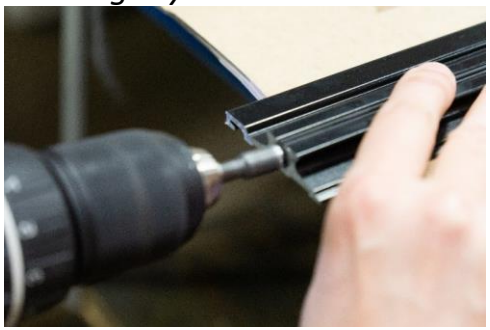
Upper track:

1. Flush upper track components at one end, track runner against latch. (First see "Track Limiter" page for track wings prep.)
2. Cut upper track to recorded **top** measurement.

DO *NOT* CUT TRACKS AND RUNNERS TOO SHORT

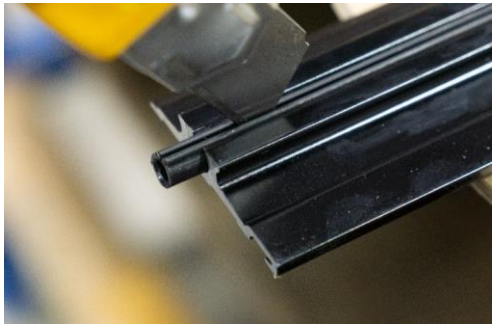
Prepare track runner **entry end:**

Slightly counter-sink.



Barely trim the corners off.

Deburr and clear debris.



Install Lower Fixed Track

Not applicable if completed during frame installation.

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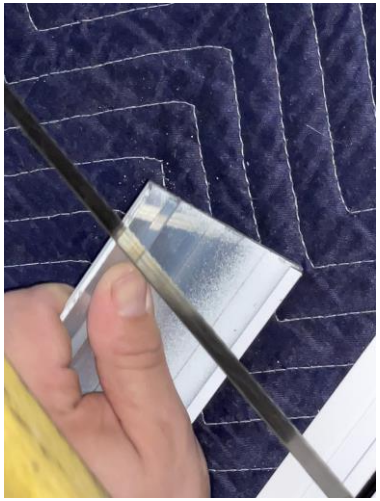
Notch the receiver end of the lower track mount to fit.

A

B

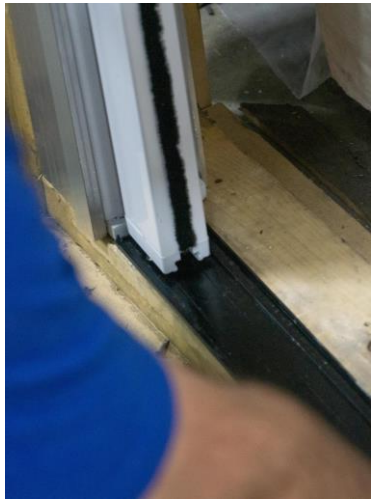


C

D

AND

E



Affix Lower Track Mount

Not applicable if completed during frame installation.

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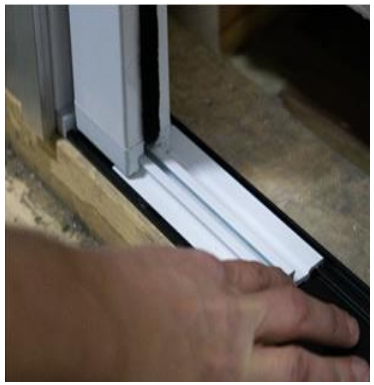
1. Lay down lower track mount.
2. Insert track cut-off through the pull-bar. Push track fully against housing so that it encompasses spigot. Housing and track mount *must* be square to each other – **no gaps**.
3. Drill and countersink the lower track mount as shown below and fasten with FH screws.
4. Drill and countersink remaining holes every 18” in pairs and fasten. Shim where necessary. **Housing and lower track mount must maintain alignment.**
5. Repeat other side.

Tip! - use the lower track mount as a drill guide to mark the hole locations on floor surface for pre- drilling if required (Ie. Tile or concrete floor that requires screw plugs).

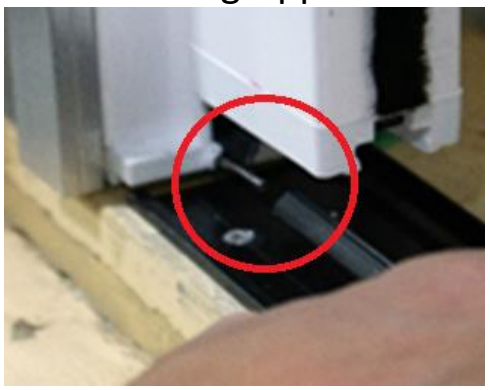



Install Lower Track

1. Remove track cut-off.



2. Lift pullbar. Slide track runner along zipper.



3. Feed lower track through

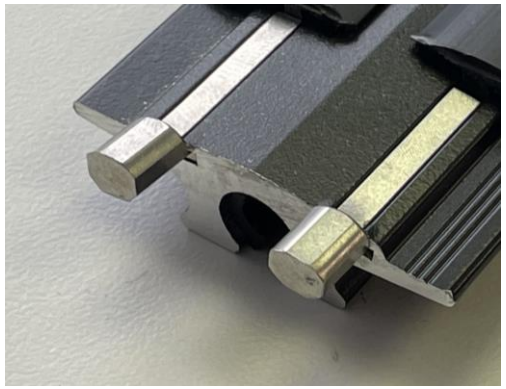
4. As you lay track down…

5. …push fully against housing – **no gaps.**

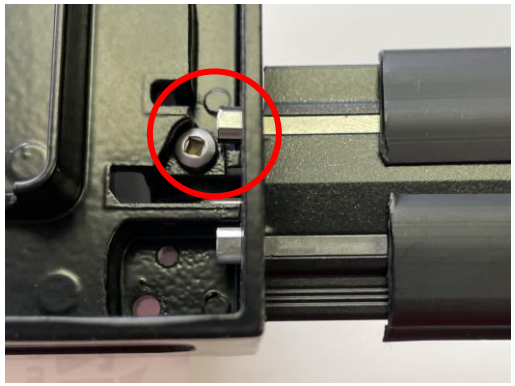
6. Insert spline into groove.

Track Limiters for Upper Tracks

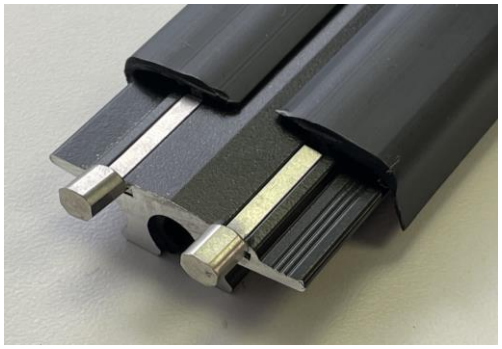
1. Insert track limiters into upper track wing slots on housing end **fully**.



! If track limiter is *not* fully inserted, screw head may interfere

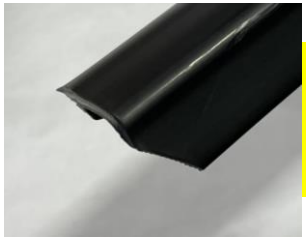


2a. Butt wings against



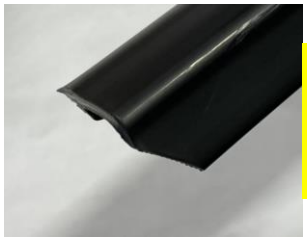
OR

2b. Cut off insert part the length of track limiter.



If cutting **wings** with scissors, cut angle off corner

Insert Upper Track



If cutting **wings** with scissors, cut angle off corner

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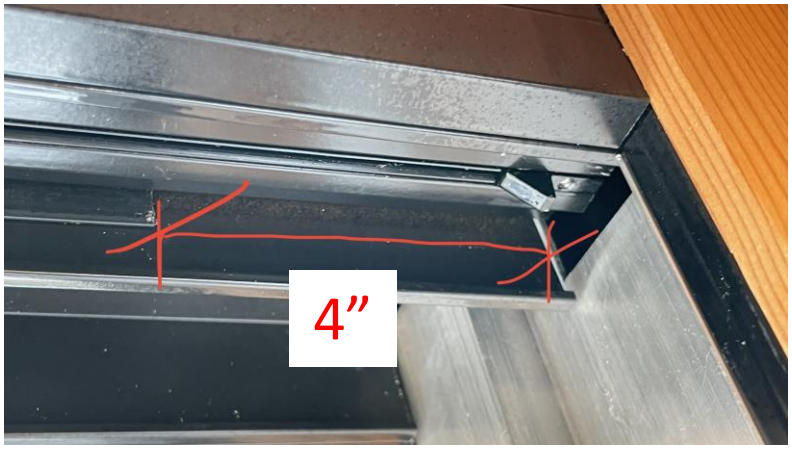
RECOMMENDED

1. At receiver end, cleanly cut **track wings** 4” short. This allows track to more easily pass above jamb filler when installing.



2. Insert the upper track at angle into the jamb. Ensure track floats freely in track channel. Move to back of jamb.

OPTIONAL

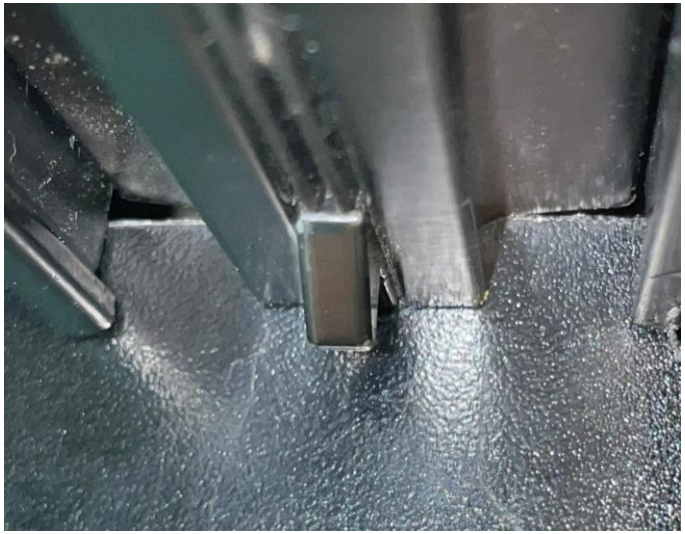
To more easily install the upper track, you may *temporarily remove* the housing after you have recorded the measurements (see step “Record Track Measurements”). After you have inserted the track, put housing back in. You will *not* have to remove the header insert as there is a 1/8” gap, allowing you to tilt housing in. This would have to be done *before* the lower track is installed.

Install Upper Track

3. Feed track runner along zipper, then track through pullbar endcap, pushing fully against housing endcap – **no gap**.

4. Ensure track floats freely.

5. Ensure jamb filler is *not* notched too low & **no gap** between track and jamb filler.



TEST THE UNIT

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Check the following:	√ or ×
Frame is Plumb, Level, Square, and not twisted?	
Tracks are level, parallel, and plumb side-to-side and front-to-back?	
Housing on the ground AND plumb?	
Housing mesh slot has not been squeezed during the install?	
Tracks are fully against the housing?	
The track limiters are on the entry end of the upper track?	
Tracks are fully against the housing?	
Track runners are not cut too short?	
Zippers are following through the housing endcap keyholes?	
Track runners have been sprayed inside with **dry silicone**?	

! If any problems are not resolved, call 604-299-4426, or email support@wizardscreens.com before leaving site!

If necessary, review **The Horizon Troubleshoot Manual**