



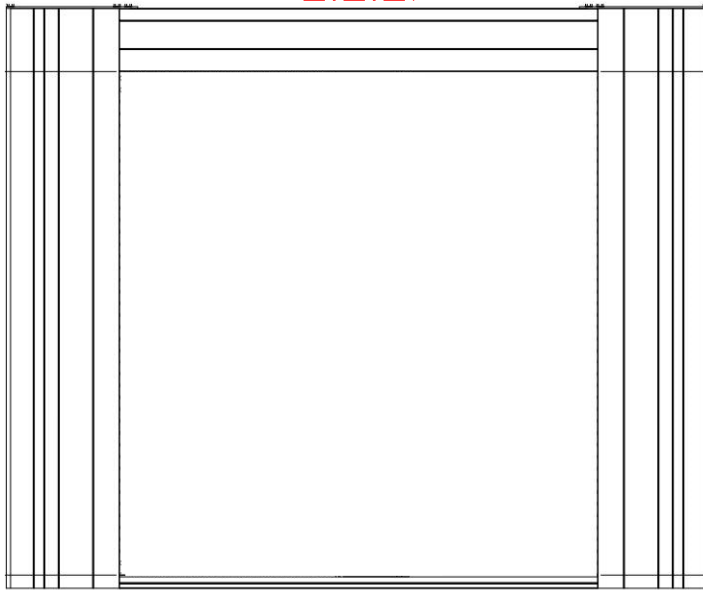
# **3-Sided Frame**

## **100mm Single Screen Installation**

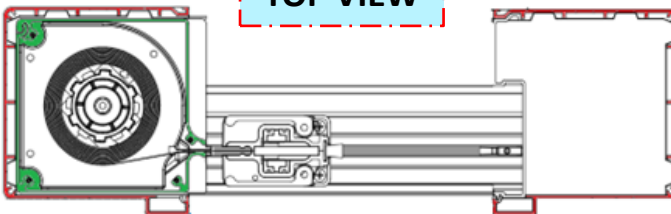
**Minimum 2 installers required**

**!** Call 604-299-4426, or email [support@wizardcreens.com](mailto:support@wizardcreens.com) prior to starting if you have any questions

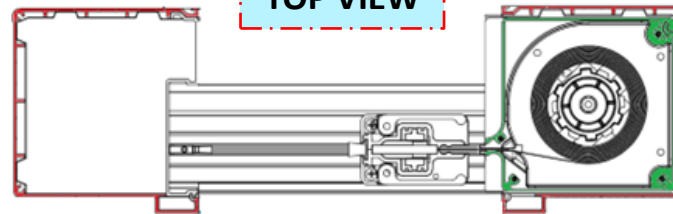
TOP



TOP VIEW



TOP VIEW



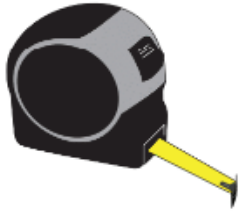
Spray track  
runners *only* with  
dry silicone.

## REQUIRED

Level



Tape Measure



Pencil



Shims



9/64 and 1/8  
Drill Bits



#1 and #2  
Robertson  
Driver Bits



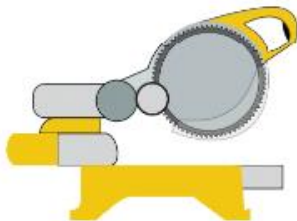
Dry Silicone  
Spray



2-way Laser Level



Chop Saw



Drill



Step Ladder



Vacuum



## OPTIONAL

Laser Distance Measure

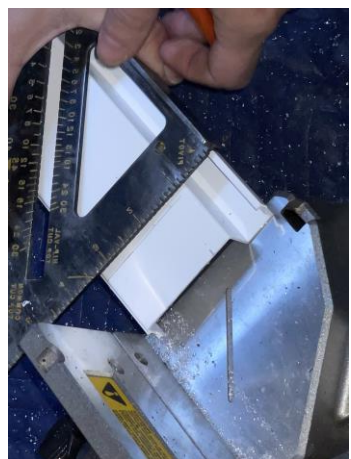


**FIRST**  
Confirm the frame is **plumb,**  
**level, straight, square,**  
**and free of twist.**

Carefully remove temporary  
jamb fillers.



1. Cut jamb filler **1" short** from top of header.
2. Notch top of jamb filler accordingly:
  - I. Width **1 7/8"** (track channel width).
  - II. Depth **1/4" higher** than bottom of header insert.
3. Install jamb filler.





1. Temporarily put housing in place.



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

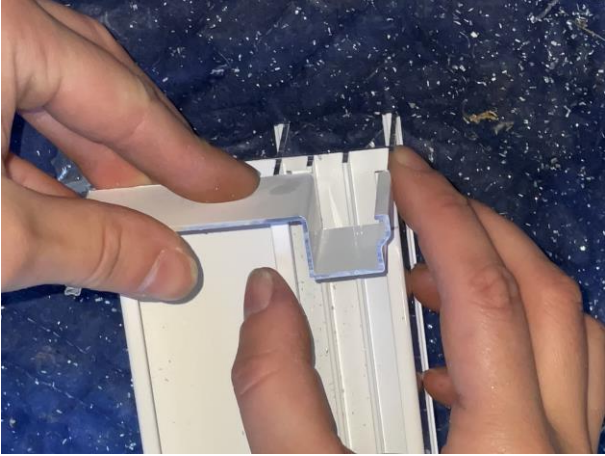
*\*Jambs must be plumb and parallel, therefore measurements should be identical. No more than 1/8" difference.*

3. Remove housing.



1. Cut the header insert **1/8" less** than recorded **top** measurement (**pg 5**). This allows room to remove screen unit if servicing is required.
2. Trace the jamb filler profile onto the end of the header insert. (Header insert shown upside-down). Cut, then attach header insert.

1. Trace jamb filler profile



2. Cut



3. Attach header insert



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

## Lower track:

1. Flush lower track components at one end, track runner against latch.
2. Cut lower track to recorded **bottom** measurement (**pg 5**).
3. Cut track runner **1/8" shorter** to accommodate endcap spigot.

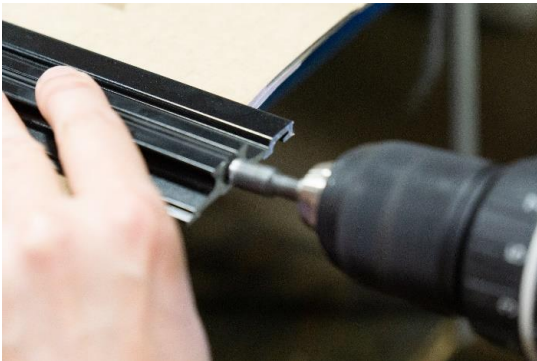
## Upper track:

1. Flush upper track components at one end, track runner against latch.
2. Cut upper track to recorded **top** measurement (**pg 5**).

**\*DO NOT CUT TRACKS AND RUNNERS TOO SHORT\***

## Prepare track runner entry end:

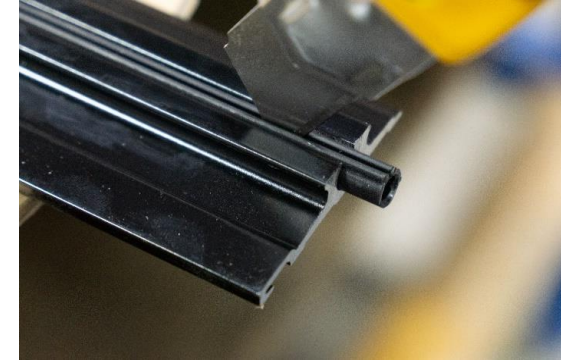
*Slightly counter-sink.*



*Barely trim the corners off.*



*Deburr and clear debris.*





1. Tilt the upper track into the header insert track channel.



2. Slide it back into the jamb void.



1. Re-insert housing.



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



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

A



B



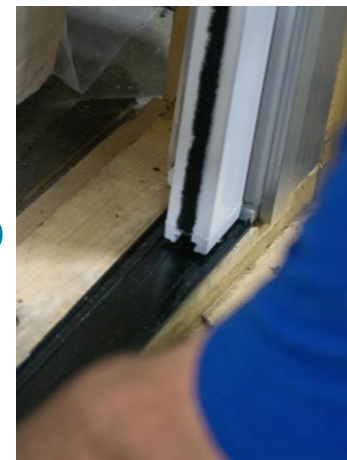
C



D



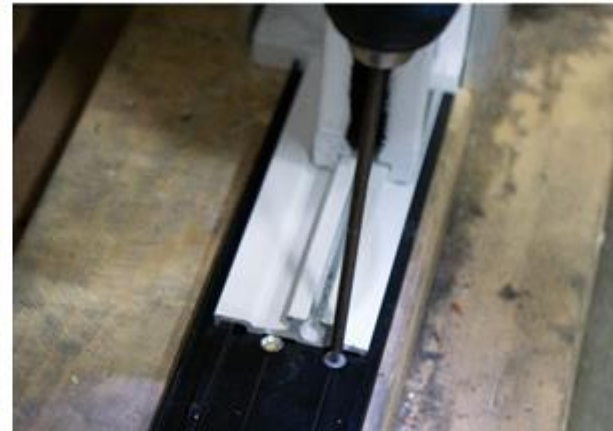
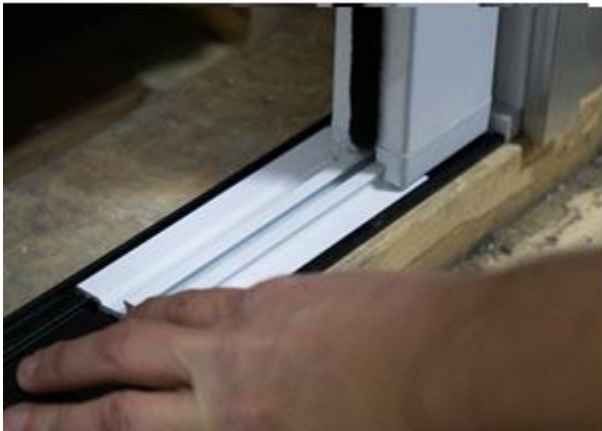
E



AND

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 #6 stainless steel FH screws.
4. Drill remaining holes every 18" in pairs and fasten. Shim where necessary. **Housing and lower track mount must maintain alignment.**

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





1. Remove track cut-off.



2. Lift pullbar. Slide track runner along zipper.



3. Feed lower track through pullbar.



4. As you lay track down...



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



6. Insert spline into groove.





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



2. Track should float freely. Bottom of track should be even with bottom of header insert.



## Test the unit.



Check the following:	✓ or ✗
Frame is Plumb, Level, Square, and not twisted?	
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 <b>dry silicone</b> ?	

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