

Retractable Screen (Single Sliding Panel)

Installation Manual

- Please read the instructions in this manual carefully prior to commencing installation.
- Note; this screen is manufactured to a specific size, cutting will not be necessary for installation, DO NOT cut or alter it's size in any way.
- Tools required for installation; electric drill/driver, Phillips screwdriver, tape measure, a level and a pencil.

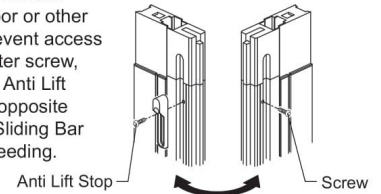
Parts List

<p>Screen Housing (1pc)</p>	<p>Mounting Bracket (1pc)</p> <p>Note: The Mounting Bracket comes attached to the back of the Screen Housing.</p>	<p>Top Rail (1pc)</p>
<p>Bottom Rail (1pc)</p>	<p>Top Rail Inner Guide (1pc)</p>	<p>Top Rail End Cap (2pcs)</p>
<p>5/8" (16mm) Panhead Screw (9pcs)</p> <p>Note; smaller screens may require less screws, all provided may not be required for installation.</p>	<p>3/4" (20mm) Panhead Screw (4pcs)</p> <p>Note; smaller screens may require less screws, all provided may not be required for installation.</p>	<p>Top Tension Wire Hook (7pcs)</p>
<p>Spare Parts Bag (1pc)</p> <p>Note; Includes 5 pcs both top and bottom Tension Wire Hooks should they be required.</p>		

Prior to Installation

Relocating the Anti Lift Stop

The Anti Lift Stop requires adjustment later in this manual. Should a door or other obstacle prevent access to the adjuster screw, relocate the Anti Lift Stop to the opposite side of the Sliding Bar before proceeding.

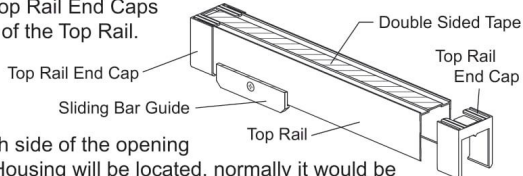


Important Notes: Prior to installation, check the door frame, or surfaces the screen is to install onto for level, plumb and square. If any surface is not true, use shims to correct prior to proceeding. Clean the surface of the floor where the Bottom Rail is to be installed, if excessive dirt is present, use acetone to remove it.

Install Procedures

1 Preparing and Installing the Top Rail

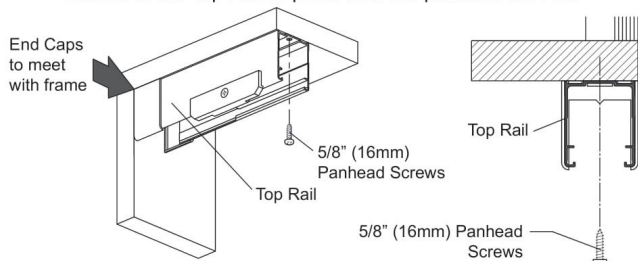
- 1). Install both Top Rail End Caps to either end of the Top Rail.



- 2). Decide which side of the opening the Screen Housing will be located, normally it would be situated at the hinge side of the frame on a single door, on a double door, it will be situated at the side of the door at the stationary panel.
- 3). Once the location of the Screen Housing is determined, in this case the left side, remove the backing from the double sided tape on top of the Top Rail. The end of the Top Rail having the Sliding Bar Guide should be positioned on the left in this case, if the Screen Housing were to be located on the right, the guide too would be positioned on the right.
- 4). As in the image below, keep the face of the End Caps in line with the front edge of the door frame, press the Top Rail against the underside of the door frame, centered in the opening, the tape will hold it in place while the screws are being installed.

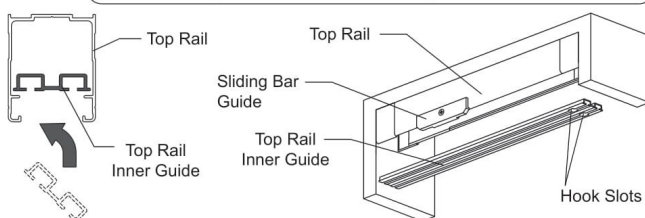
Note; the screen can also be installed in a suitable location either just inside or outside of the door.

- 5). Extend the Top Rail End Caps to meet with the door frame on both ends. Fix the Top Rail in place with the panhead screws.



- 6). Fit Top Rail Inner Guide into Top Rail.

Caution
Make sure that the Hook Slots of the Top Rail Inner Guide are at the opposite end of the Sliding Bar Guide.

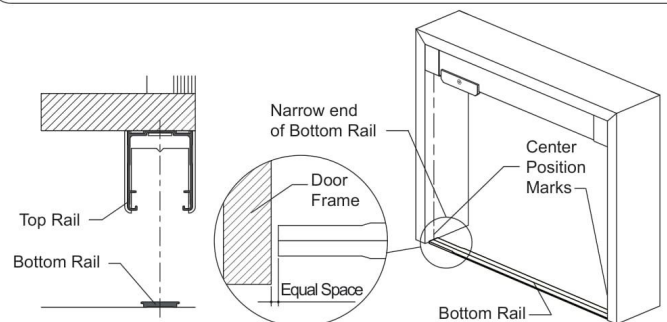


2 Installing the Bottom Rail

- 1). Clean the surface area where the Bottom Rail is to be installed.
- 2). String a plumb line (alternatively use a level) to locate the exact position of the center of the Top Rail with the corresponding location on the door sill or the floor where the Bottom Rail is to be installed, make a mark on the surface at both sides of the mounting surface.
- 3). Remove the backing of the double-sided tape, note that the Bottom Rail has a narrow end at one side, this narrow end must be situated on the same side as the Sliding Bar Guide of the Top Rail. Now, align the center of the Bottom Rail (V-Groove) with the marks, center the Bottom Rail in the opening and press firmly in place ensuring it is in a straight line.

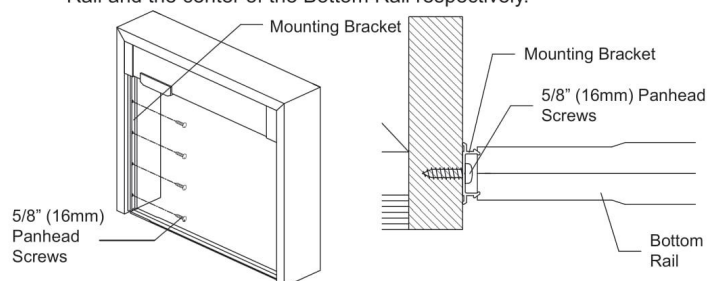
Caution

Make sure that the narrow end of the Bottom Rail is placed at the same side of the opening as the Sliding Bar Guide on the Top Rail.



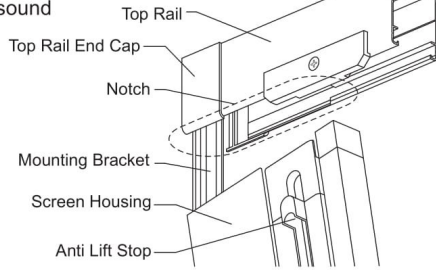
3 Installing the Mounting Bracket

Remove the Mounting Bracket from the back of the Screen Housing. It can be removed either by sliding off, or gently prying it. Align the center V-Groove of the Mounting Bracket with the center of the Top Rail and the center of the Bottom Rail respectively.



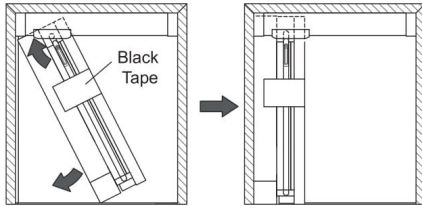
4 Installing the Screen Housing

- 1). Tilt and insert the top of the Screen Housing into the notch on the Top Rail. Bring it into a vertical position against the Mounting bracket, and press it firmly onto the Mounting Bracket to fix it in place, a "clicking" sound may be heard.

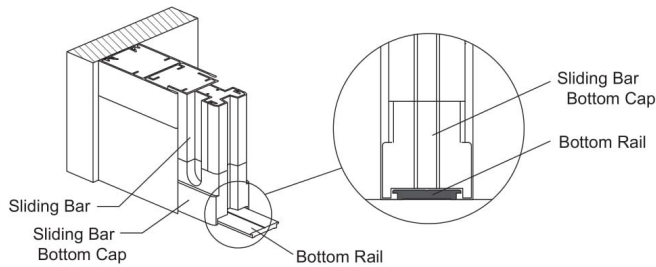


Caution

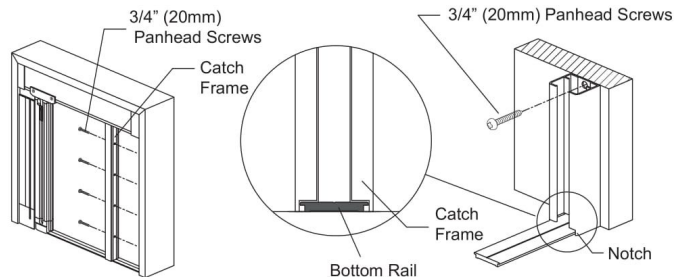
Do not remove the black tape from the Screen Housing at this point.



Note; the Screen Housing must be sitting correctly on top of the Bottom Rail, as in the image below.

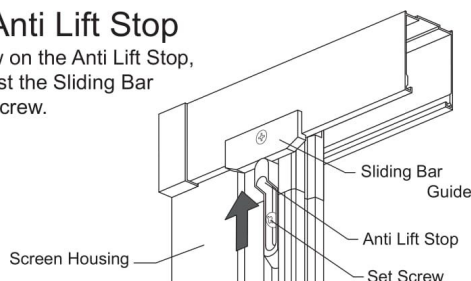


- (2) Remove ALL the black tape from the Screen Housing at this point. Insert the top of the Catch Frame into the Top Rail, and align the notch at the bottom of the Catch Frame (see image below right) on top of the Bottom Rail and fix the Catch Frame into position with the 3/4" (20mm) Panhead screws.



5 Adjust the Anti Lift Stop

Loosen the set screw on the Anti Lift Stop, slide it upward against the Sliding Bar Guide, then tighten screw.

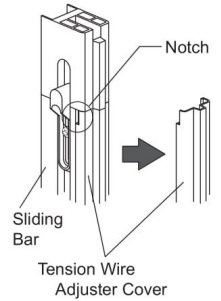


Note; in some cases the Anti Lift Stop may not be accessible, possibly because it's obstructed by the door, or something else, if this is the case, move the sliding bar to the center of the opening, and refer to top-right corner of Page 1, "Prior to Installation", "Relocating the Anti Lift Stop".

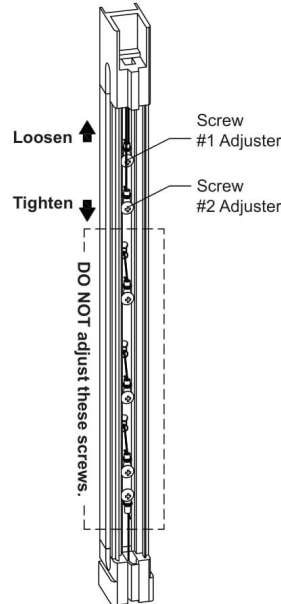
6 Adjusting the Tension Wires

Note; although the tension wires are pre-adjusted at our factory, they may need fine tuning. Refer to the "Situation / Solution" section below, and make the necessary adjustments if need be.

Insert a flat head screw driver into the notch on the Sliding Bar and twist the driver to pop off the Tension Wire Adjusters Cover. Follow the procedures below for adjusting the Tension Wires, ONLY the top two adjusters are to be adjusted.



Note; the black Adjuster screws should never be completely removed.



Situation: Tension Wires are loose, Sliding Bar appears shaky or wobbly.

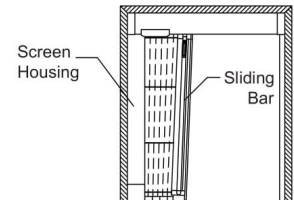
Solution: Back off both screws on #1 and #2 adjusters. Move the adjusters downward to tighten the tension wires. Careful not to over tighten, only apply minimal pressure until snug.

Situation: Operation of the Sliding Bar appears tight or stiff.

Solution: Back off both screws on #1 and #2 adjusters. Move adjusters upward slightly to loosen the tension wires.

Situation: Sliding bar tracks diagonally as in the image below.

Solution: In this case, slightly tighten the #1 adjuster and slightly loosen the #2 adjuster until tracking has improved.

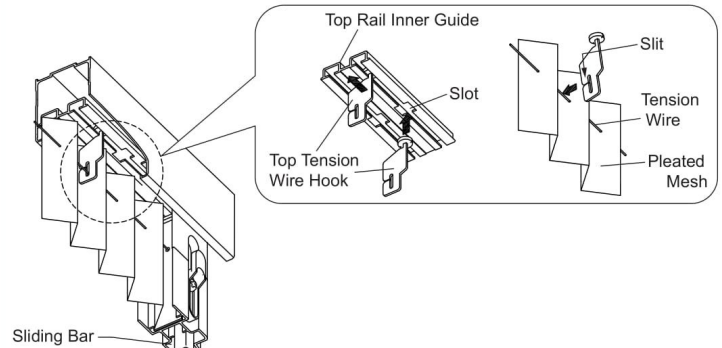
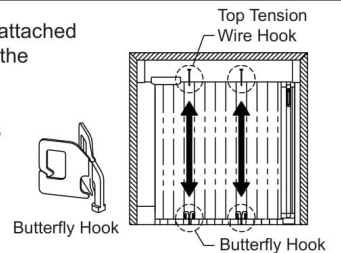


7 Install the Top Tension Wire Hooks

- 1). Close screen so that the Sliding Bar meets with the Catch Frame.
- 2). Insert the top of the hooks into the slot in the Top Rail Inner Guide as in the image below. Top Hooks should be placed directly above the Butterfly Hooks on the bottom tension wire. Once positioned fit the top tension wire into the slit on the hook.

Note; Butterfly Hooks are pre-attached onto the inside and outside of the bottom tension wire.

Note; Top Tension Wire Hooks should be placed directly above the Butterfly Hooks. (All Hooks provided may not be required for installation.)



Caution

All wires located beneath the Top Rail Inner Guide, excluding those that run through the mesh, should be positioned in the center of the Top Rail as indicated in the image on right.

