

Retractable Screen (Double Sliding Panels)



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.
- Should the width of this screen be greater than 102 3/8" (2,600mm), 2 Top and Bottom Rails will be included and required connecting with the connectors provided.

Parts List

<p>Screen Housing (1pc Right Hand) (1pc Left Hand)</p>	<p>Mounting Bracket (2pcs)</p> <p>Note: The Mounting Brackets come attached to the back of the Screen Housings.</p>	<p>Top Rail (1pc) (2pcs)</p> <p>W > 102 3/8" (2,600mm)</p>	<p>Bottom Rail (1pc) (2pcs)</p> <p>W > 102 3/8" (2,600mm)</p>	<p>Top Rail Inner Guide (2pcs)</p>	<p>Tension Wire Adjuster Cover (1pc Right Hand) (1pc Left Hand)</p>		
<p>Top Rail End Cap (2pcs)</p>	<p>Inner Guide Connector (1pc)</p>	<p>ONLY W > 102 3/8" (2,600mm)</p> <p>Top Rail Connector (2pc)</p>	<p>ONLY W > 102 3/8" (2,600mm)</p> <p>Bottom Rail Connector (1pc)</p>	<p>5/8" (16mm) Panhead Screw (16pcs)</p> <p>Note: smaller screens may require less screws, all provided may not be required for installation.</p>	<p>5/8" (16mm) Trusshead Screw (1pc)</p>	<p>Top Tension Wire Hook (14pcs)</p>	<p>Spare Parts Bag (1pc)</p> <p>Note: Includes 5pcs both top and bottom Tension Wire Hooks should they be required.</p>

Install Procedures

1 Installing the Top Rail and Top Rail Inner Guide

With Single Top Rail

- 1). Install both Top Rail End Caps to either end of the Top Rail.
- 2). Remove the backing from the double sided tape. The Sliding Bar Guide should be on the opposite side of the Top Rail to the door.
- 3). As in the image below in step 4, keep the face of the Top Rail End Cap 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.

With 2 Top Rails

- 1). Install the Top Rail End Caps to the Top Rail closest to the Sliding Bar Guide.
 - 2). Remove the backing from the double sided tape. Sliding Bar Guides should be located on the opposite side of the Rail to the door, and closest to the side jamb of the door, not in the center of the opening.
 - 3). Keep the face of the Top Rail End Cap in line with the front edge of the door frame, press one Top Rail onto the underside of the door frame. Next, insert the Top Rail Connector into the first Top Rail, then insert the second Top Rail into the connector and press it in place.
- Note: When installing two Top Rails, they must be perfectly aligned with one another and centered in the opening.
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Note; the screen can also be installed in a suitable location either just inside or outside of the door.

- 4). 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.

- 5). Fit the Top Rail Inner Guide into the Top Rail by connecting the 2 of them with the Inner Guide Connector.

Caution
Make sure that the Hook Slots of the Top Rail Inner Guide are positioned to the center of the opening.

Note; If installing the Inner Guides with the Connector proves too difficult, they can also be connected after installing the Screen Housings, refer the bottom image in Step 4 on the reverse side of this page.

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.

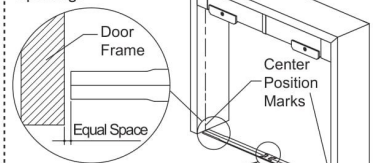
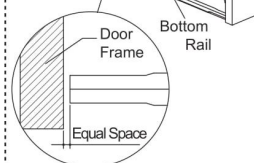
With Single Bottom Rail

- 3). Remove the backing of the double sided tape, 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.

With 2 Bottom Rails

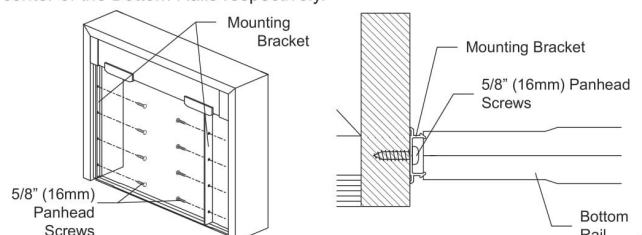
- 3). Perform a "dry run". Lay the Rails on the surface with the Bottom Rail Connector in place, the complete unit must be centered in the opening. Observe and mark the locations where the ends of the Rails and Bottom Rail Connector is located, mark their coordinates for accuracy.
- 4). Remove the backing of the double sided tape from one bottom rail, following the line, press firmly in place. Then remove the backing from the second Rail, and press it in place ensuring they are in a straight line.

Note: When installing two Bottom Rails, they must be perfectly aligned with one another and centered in the opening.



3 Installing the Mounting Brackets

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



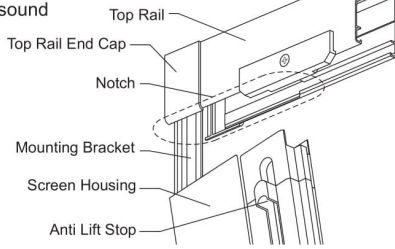
4 Installing the Screen Housing

- 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.

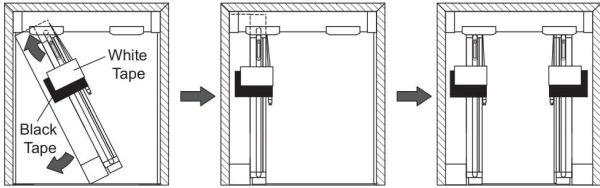
Caution

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

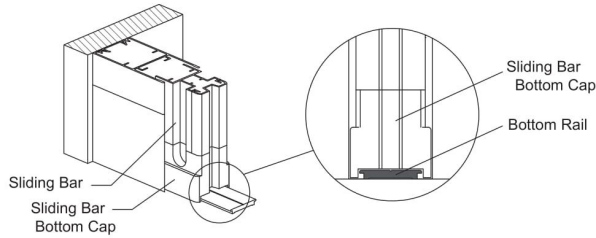
Install the Screen Housing with the Anti Lift Stop facing the opposite side to the door.



Install both Screen Housings using the same method.

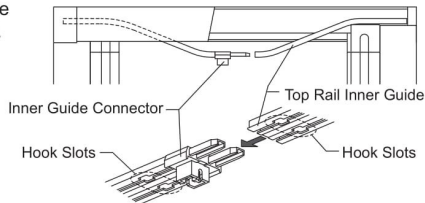


Note; the Screen Housing must be sitting correctly on top of the Bottom Rail, as in the image below.



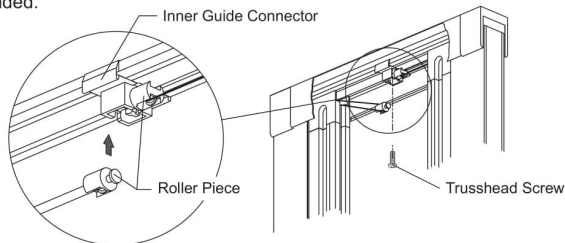
Connecting the Top Rail Inner Guides for wide openings

Pull the center parts of the Top Rail Inner Guides out of the Top Rail. Connect the Top Rail Inner Guides with the Inner Guide Connector. Replace the Top Rail Inner Guides back inside the Top Rail.



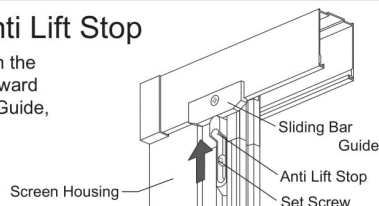
5 Installing the Roller Pieces

Remove the white tape and the black tape from the Screen Housing. Insert the Roller Piece into the Inner Guide Connector slot as in the image below. Insert the other Roller Piece in the same manner. Secure the Roller Pieces in position using the Trusshead screw provided.



6 Adjust the Anti Lift Stop

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



7 Adjusting the Tension Wires

Caution

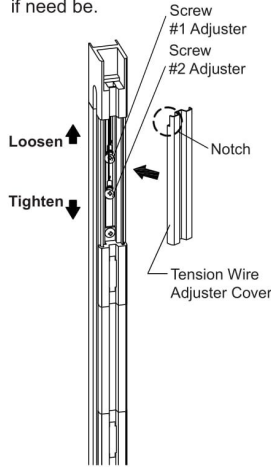
This screen is designed to have some slack in the wires when the Screen Housings are installed as in the image on the left. Be sure to adjust the wires as in the following procedure.

Tighten #2 Adjuster making the wires evenly taut on both sides.



By tightening #2 Adjuster the wires will no longer sag.

If the operation is heavy or the Sliding Bar is not parallel etc, refer to the "Situation / Solution" section below, and make the necessary adjustments if need be.



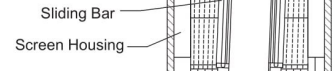
Situation: Operation of the Sliding Bar appears heavy, tight or stiff.

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, for the screen on the left side, slightly tighten the #1 adjuster and slightly loosen the #2 adjuster until tracking has improved.

For the screen on the right side, slightly loosen the #1 adjuster and slightly tighten the #2 adjuster until tracking has improved.



After adjusting the tension wires, install the corresponding Tension Wire Adjuster Covers onto each Sliding Bar, notch to the top.

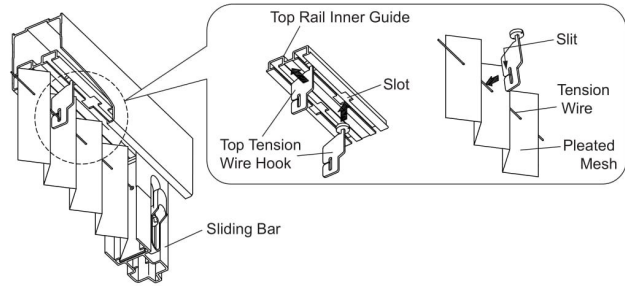
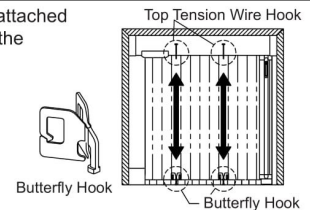
Note; If re-adjustment is required, insert a flat head screw driver into the notch on the Sliding Bar and twist the driver to pop off the Tension Wire Adjuster Cover. Follow the procedures above for adjusting the Tension Wires, ONLY the top two adjusters are to be adjusted.

8 Install the Top Tension Wire Hooks

- 1). Close both screens so that the Sliding Bars meet with at the center.
- 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.

