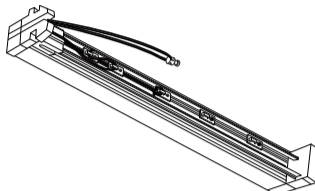
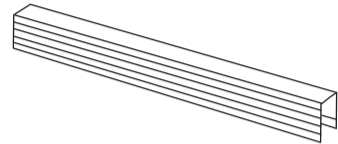
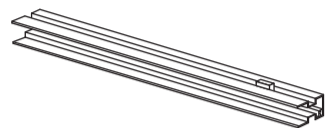
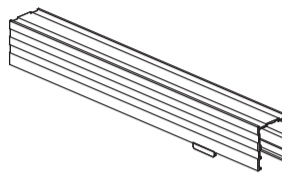
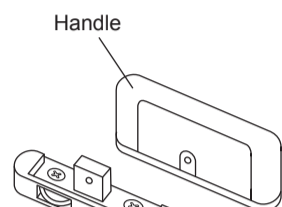

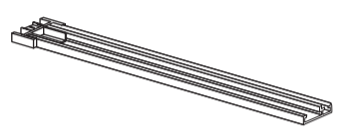
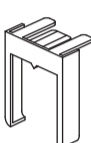




- Thank you for purchasing the Retractable Screen (Single Sliding Panel).
- Please read the instructions in this manual carefully prior to commencing installation.
- Tools required for installation; an electric driver, Phillips screwdriver, tape measure, level and carpenter square.

## Parts List

Main Screen Cartridge x 1 	Main Screen Cartridge Cover x 1 	Sliding Bar Cover x 1 	Top Rail x 1 	Handle Set x 2 
Bottom Rail x 1 	Catch Frame x 1 	Top Rail End Caps x 2 	Mesh Hooks x 5 	Panhead Screws x 15  (Some of the panhead screws may be left unused depending on the product dimensions.)

## Prior to Installation

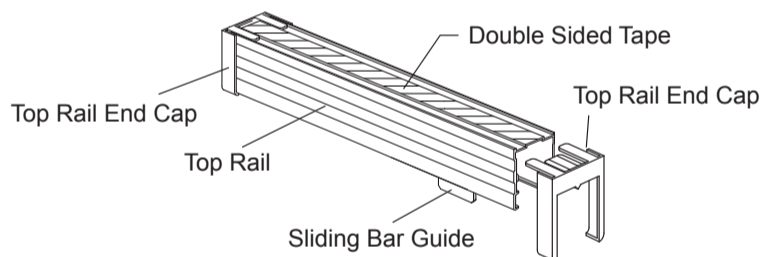
Prior to install, all surfaces where any screen component is to be installed must be flat, straight, square, plumb and level. Surfaces must be free of dirt and debris.

## Installation Procedure

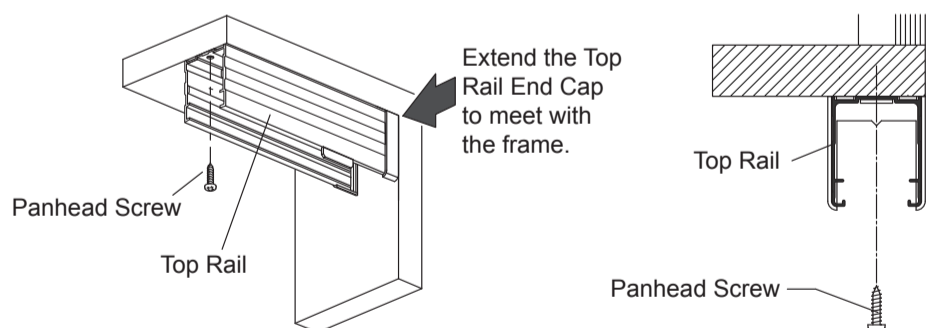
This manual depicts the screen installing on the right of the opening, reverse the procedure for a left mount.

### 1 Installing the Top Rail

- Attach the Top Rail End Caps to both ends of the Top Rail.
- Remove the backing from the double sided tape on top of the Top Rail. When attaching the Top Rail to the upper side of the frame, make sure the guide is located on the side to which the screen is folded. The Sliding Bar Guide should be located on the right side when the screen is folded to right, and it should be located on the left side when the screen is folded to left.



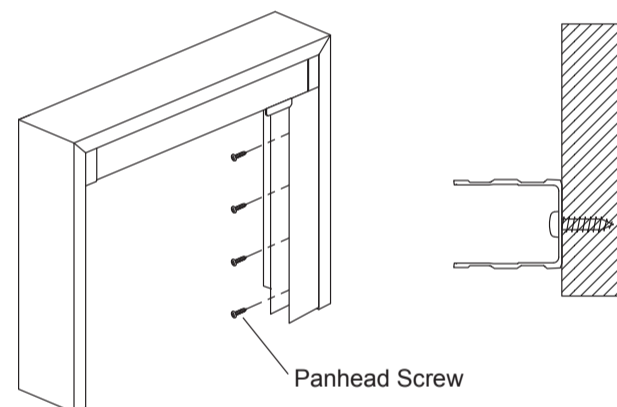
- Adjust the position of the Top Rail End Cap by moving it to right and left so that no clearance is created between the cap and the frame. Fix the Top Rail in place using panhead screws.



### 2 Installing the Main Screen Cartridge Cover

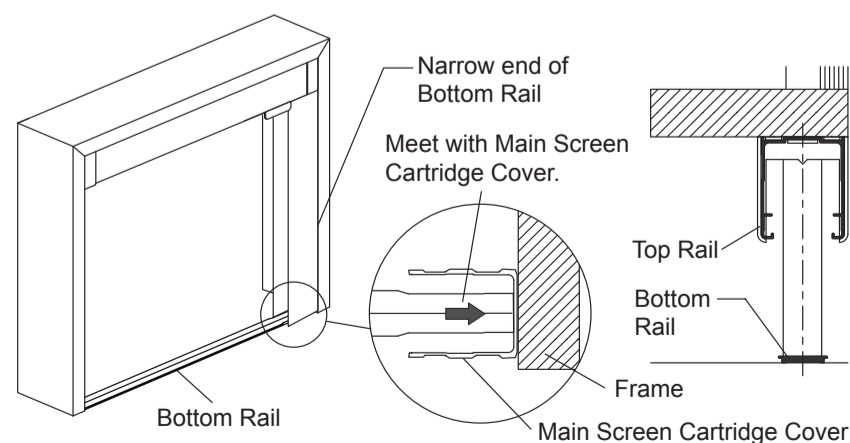
- Remove the backing from the double sided tape on the Main Screen Cartridge Cover.
- Tilt the Main Screen Cartridge Cover and insert the top of it into the Top Rail. Using a level, bring the Main Screen Cartridge Cover to a vertical position, lower to meet the threshold or frame below, press against the frame, in this case, to the right side of the frame.

- Fix the Main Screen Cartridge Cover in place using panhead screws.



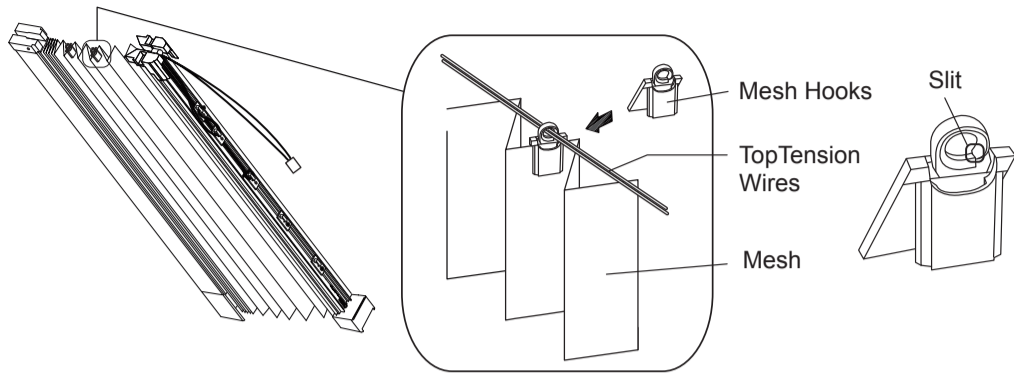
### 3 Installing the Bottom Rail

- Clean the surface area where the Bottom Rail is to be installed.
- Note; the Bottom Rail must install parallel with the Top Rail, a plumb line on the opposite side of the frame from the Main Screen Cartridge Cover is recommended as a positioning guide for placement of the Bottom Rail.
- Remove the backing from the double sided tape on the Bottom Rail.
- When installing the Bottom Rail, note that it has a narrow end at one side. Place the Bottom Rail with the narrow end facing the Main Screen Cartridge Cover. Align the center of the Bottom Rail (V-Groove) with the center of the Main Screen Cartridge Cover.
- Press the Bottom Rail firmly against the Main Screen Cartridge Cover. Applying force evenly, ensure the Bottom Rail is attached to the surface firmly and straight.



## 4 Installing the Mesh Hooks

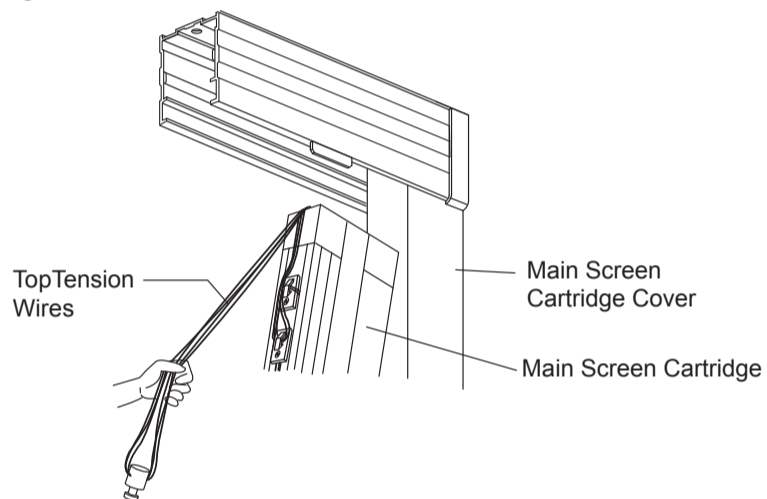
- (1) Place the Cartridge on a flat surface and expand it 8"-10" (200mm-250mm). While holding the mesh, place Mesh Hooks at equal intervals by fitting the open end over the mesh and snapping shut.
- (2) Insert the Top Tension Wires through slits in the ring area of the Mesh Hooks.
- (3) Retract/close Main Screen Cartridge.



**Caution** Be careful not to damage the parts when folding and unfolding the Mesh.

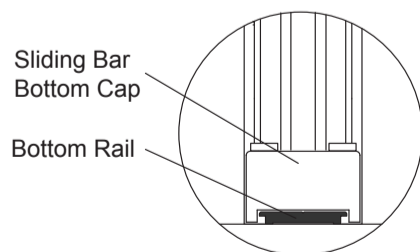
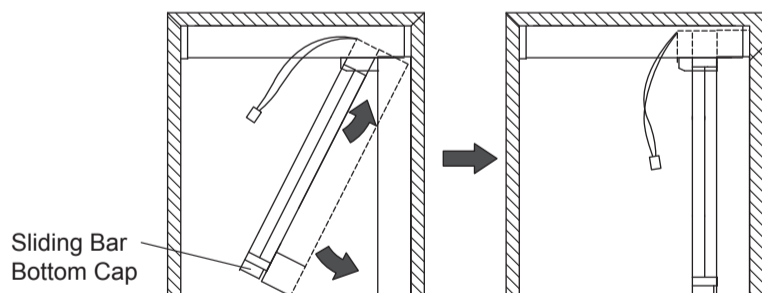
## 5 Installing the Main Screen Cartridge

- (1) Tilt the Main Screen Cartridge and insert the top of it into the Main Screen Cartridge Cover.



**Caution** When installing the Main Screen Cartridge, pull and hold the wire sticking out of the top of the cartridge. By doing so, ensure the wire is not caught between the cartridge and the cartridge cover.

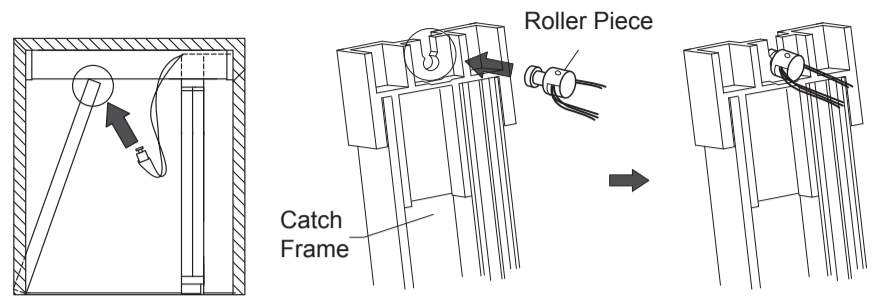
- (2) Bring the Main Screen Cartridge to a vertical position, move downward to meet the Bottom Rail. Press the Cartridge firmly into the Cover until a "click" is heard. If unsure of a secure connection, place fingers inside and behind the mesh and press against the PVC base of the Cartridge firmly.



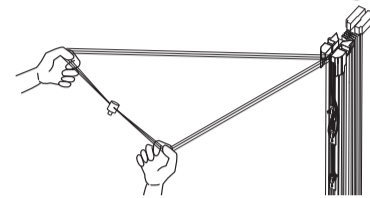
**Caution** Be certain the Main Screen Cartridge is sitting directly onto the Bottom Rail. Failing to do so will may cause damage to the screen.

## 6 Installing the Catch Frame

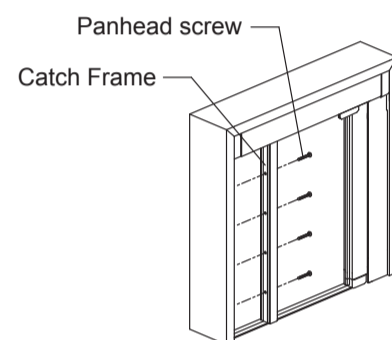
- (1) Assured that the wires are not tangled, insert the Roller Piece into the slot of the Catch Frame Top Cap as in the image below.



**Caution** Assure that the wires are not tangled as indicated in the image below.



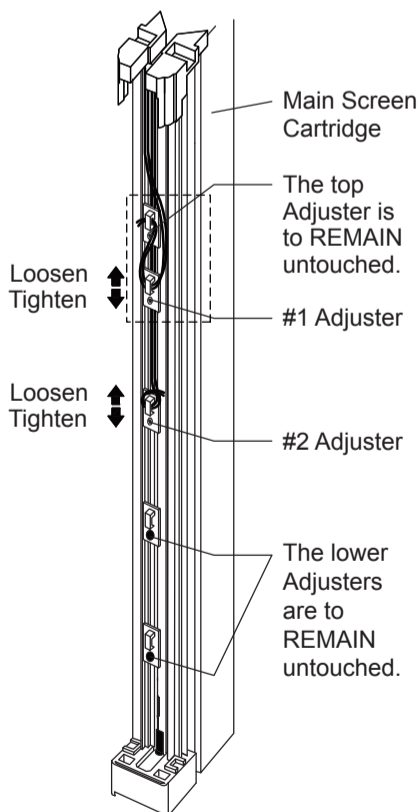
- (2) Remove the backing from the double sided tape on the Catch Frame.
- (3) Place the bottom of the Catch Frame on the Bottom Rail, align the center of each component, bring the Catch Frame into a vertical position inside the Top Rail.
- (4) Fix the Catch Frame in place using panhead screws.



## 7 Adjusting the Tension Wires

Prior to making any adjustments, cycle the slide bar several times, at least as far as to meet with the Catch Frame. Observe the operation, should any of the below conditions apply, only then should adjustments be necessary.

- Note;
- Wire may be excessively slack (Especially after trimming and adjusting the length). In such cases, slide the Tension Wire Adjuster #1 until the wire is stretched tight.
  - Adjust only Adjusters #1 and #2. Loosen the Adjuster Screws and adjust. When complete, tighten being careful not to overtighten. Overtightening may cause damage to the Adjuster.



**Caution** Make sure all the wires are completely hooked on #1 Adjuster before adjusting.

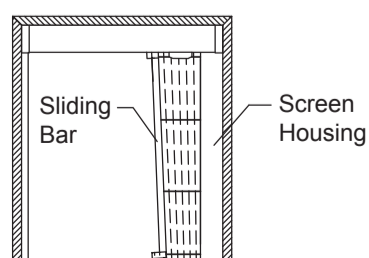
#1 Adjuster

- If the Tension Wires are loose  
Move Tension Wire Adjusters #1 and #2 to tightening direction.

- If operation of the Sliding Bar appears tight or stiff  
Move Tension Wire Adjusters #1 and #2 to loosening direction.

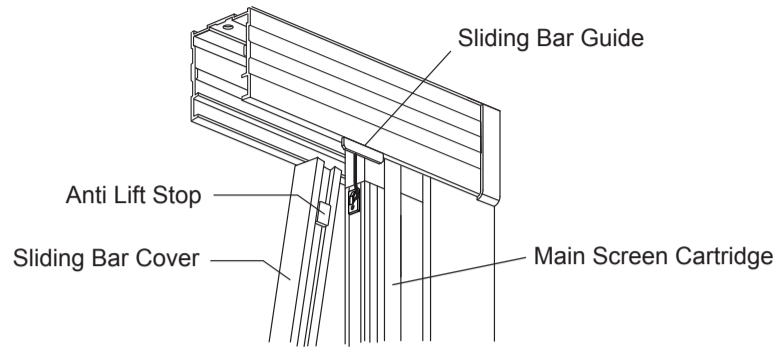
- If the Sliding Bar tracks diagonally  
If the Sliding Bar tracks diagonally, as in the image below, or, when placed against the Catch Frame, the Sliding Bar Bottom Cap does not meet with the Catch Frame, move Tension Wire Adjusters #1 slightly to loosen, or #2 slightly to tighten.

- If the Sliding Bar tracks diagonally in the opposite direction, move Tension Wire Adjusters #1 slightly to tighten, or #2 slightly to loosen.

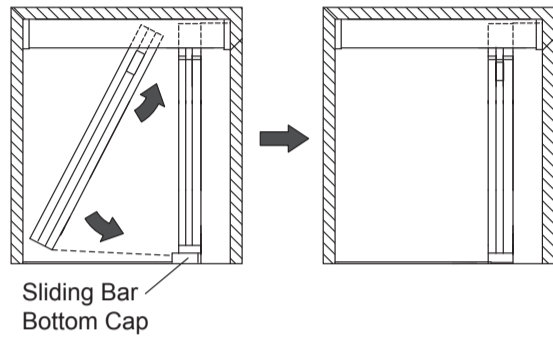


## 8 Installing the Sliding Bar Cover

- (1) Before installing Sliding Bar Cover, orientation of the Anti-Lift Stop and Sliding Bar Guide need to be located on the same side of the screen. Tilt and carefully fit the top of the Cover into the Sliding Bar Top Cap.



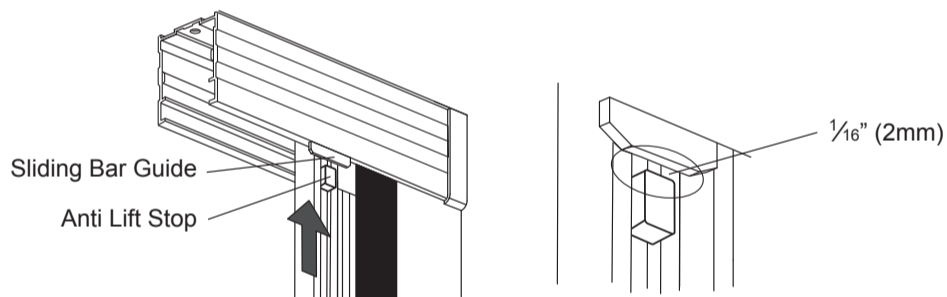
- (2) Bring the Cover to a vertical position, and have the bottom of it meet with the Sliding Bar Bottom Cap so there is no gap between the two.



- (3) Close the screen so the Sliding Bar is at least in the center of the opening. With the palm of a hand on the leading edge of the Sliding Bar, and fingers tucked in the back side against the base of the Sliding Bar, squeeze the two components together until a "click" is heard.

## 9 Adjusting the Anti Lift Stop

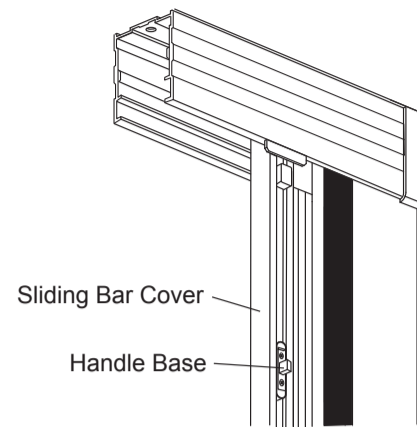
- (1) Remove the tape from the Anti Lift Stop.  
 (2) Move the Anti Lift Stop upward until the clearance between the Sliding Bar Guide and the Anti Lift Stop becomes  $\frac{1}{16}$ " (2mm).



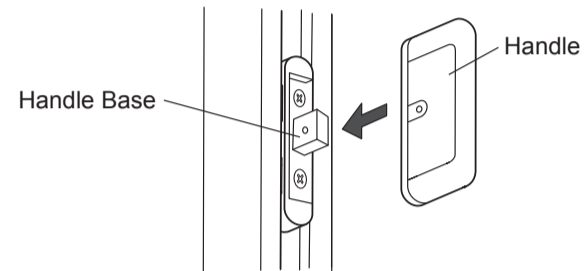
- (3) Fix the Anti-Lift Stop by pressing it against the Sliding Bar, when doing so, place other hand at opposite side to prevent any damage.

## 10 Installing the Handles

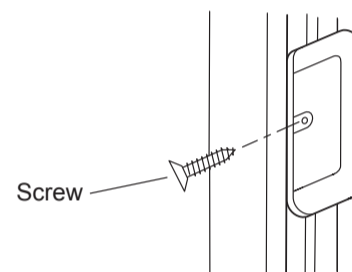
- (1) Note; the Handle can be attached at any height, 39" (1 meter) is common. Before installing the Handles, attach the Handle Base to the Sliding Bar Cover. Insert the Handle Base into the groove in the Sliding Bar Cover, and secure with screws provided.



- (2) Install the Handles by pressing it against the base, when doing so, place other hand at opposite side to prevent any damage.



- (3) Fix the Handle and Handle Base in place using screws.



- (4) Use the same procedure to install the Handle on the other side.