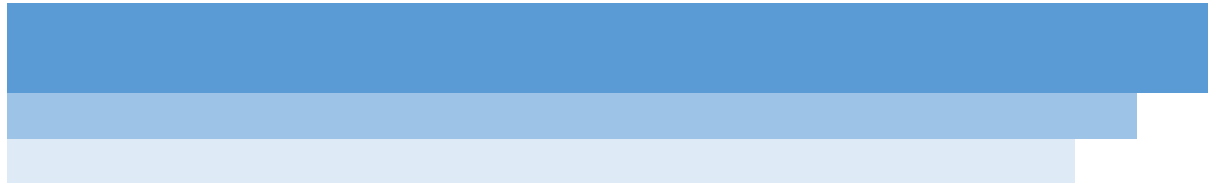




# ZIPSCREEN EXTREME INSTALLATION MANUAL



February 2017



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February 2017

This manual is to be read in conjunction with the Product Specifications & Assembly manual

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## DISCLAIMER

### INTRODUCTION

This Installation manual has been produced by Rollease Acmeda to supply the necessary information for safe and correct installation of this system.

### INSTALLERS RESPONSIBILITY

Before installing, please read & ensure you understand the safety information and installation instructions as defined in this installation manual.

- If you do not fully understand these instructions, contact Rollease Acmeda for clarification before installing.
- The Installer is responsible to ensure that all installation personnel have been adequately trained on the safe & correct installation and operation.
- The Installer is responsible to ensure that supporting structures are sound and can adequately support the load.
- The Installer is responsible to ensure that the devices used to anchor the product to the supporting structure are suitable for the application.

### SAFETY INFORMATION

- Ensure that electrical works are done only by a LICENSED ELECTRICIAN.
- DO NOT modify any of the components of this system.

### PERSONNEL REQUIREMENTS

Only suitably trained/qualified personnel should undertake installation.

### DISCLAIMER

Rollease Acmeda has used reasonable care in preparing the information included in this document, but makes no representations or warranties as to the completeness or accuracy of the information. Information is supplied upon the condition that the persons receiving the information will make their own determination as to its suitability for their purposes prior to use. Rollease Acmeda assumes no liability whatsoever for any damages incurred by you resulting from errors in or omissions from the information included herein. Rollease Acmeda reserves the right to make changes without further notice to any products to improve reliability, function or design.

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## TOOLS REQUIRED

- Drill
- Drill Bits – 3.2mm
- Screw Driver – Philips Head / Flat Head
- Measuring Tape
- Pencil
- Allen key set
- Spirit level

## ADDITIONAL ITEMS REQUIRED (NOT SUPPLIED)

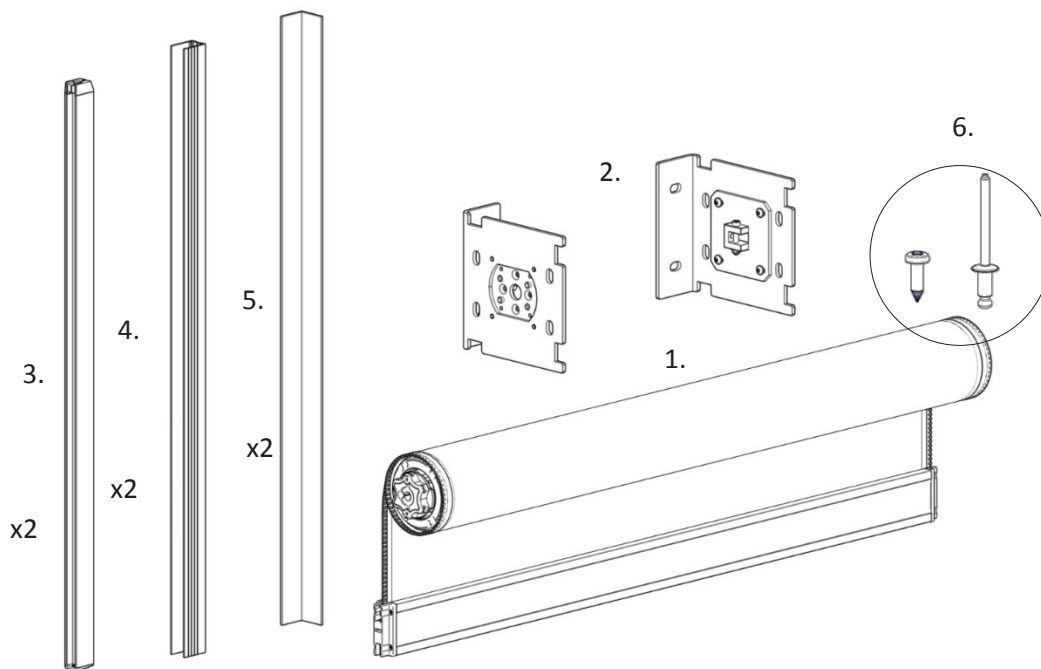
To assemble a ZIPSCREEN EXTREME, the following non-stocked items are required:

- Screw (for Bracket): M10 – Type and length indicative of mounting surface
- Screw: Self Tapper, Type AB, Phillips, Pan Head, #6 x 5/8" S/S
- Screw: Self Tapper, Type AB, Phillips, Pan Head, #6 x 3/8" S/S
- Rivet: Dome Head, Body Diameter 4mm, Grip Range 4.8 – 6.4, S/S

## SHADE ITEMS REQUIRED

Check you have all shade items;

1. Complete shade
2. Bracket sets
3. Inner rail assembly (x2)
4. U mounting Rail (x2)
5. Fastener rail (x2) - Wall mount Installation
6. Rivets and screws (as required)



## PART A – PREPARING INSTALLATION SPACE

**NOTE:** Avoid installing Zipscreen Extreme in windy conditions.

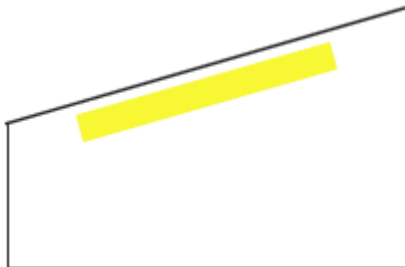
### STEP 1 – CHECK FOR OBSTRUCTIONS

Check for any obstructions that may interfere in installation.

e.g. If there is an architrave at the bottom of a post that the Zipscreen Extreme is to be installed into, ensure you prepare the space for the installation.

This may mean that the installer needs to cut into the architrave to make room for the side rails.

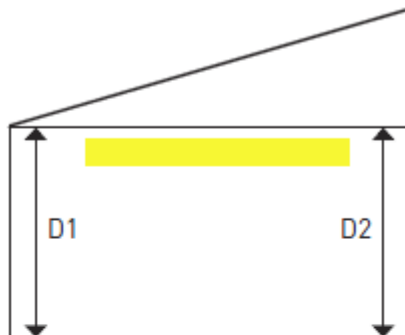
### STEP 2 – CHECK TOP OF INSTALLATION IS LEVEL



If un-even go to step 3.

If level go to step 4.

### STEP 3 – PACK AND LEVEL TOP OF INSTALLATION TO SMALLEST DROP DIMENSION

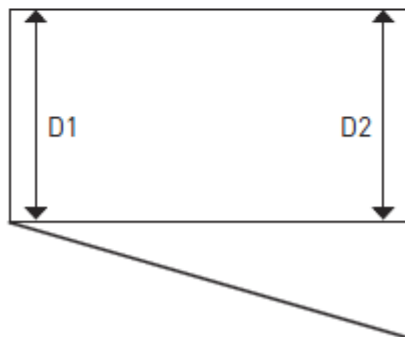


D = Drop of shade

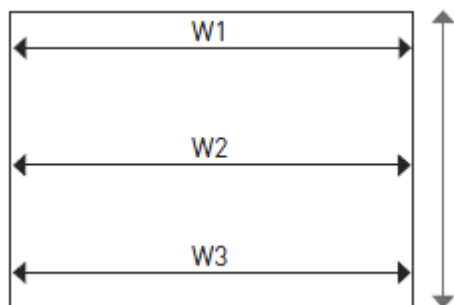
NOTE: In some instances, when the top is level, D1 & D2 will not be equal as there is an uneven ground.

Ensure the smallest value of D1 & D2 = Shade Drop (D specified in initial measurement)

Where there is uneven ground, side rails may be supplied in different lengths for a better aesthetical finish to shade.



#### STEP 4 – CHECK HORIZONTAL INSTALLATION DIMENSIONS AT TOP, CENTER & BOTTOM



W = Width of shade

If W1, W2 & W3 are equal or within 7mm (0.3") of each other, proceed to Step 6 for Inside mount applications or Step 7 for Wall mount applications.

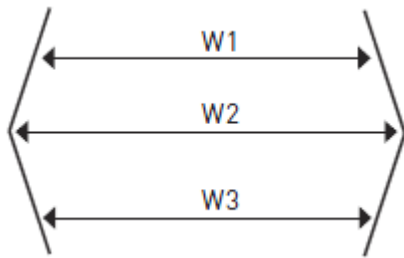
**D** If W1, W2 & W3 are not equal or within 7mm (0.3") of each other, review the scenarios outlined in Step 5 and determine if and where packing is required.

#### STEP 5 – PACK INSTALLATION WIDTH TO SHADE WIDTH MEASUREMENT

SCENARIO	PACKING DETAILS
<p>1.</p> <p>W3 is greater than W1 and W2</p>	<p>Determine dimension x on each side.</p> <p>If X1 or X2 is less than 7mm (0.3"), no packing is necessary (however, a square space will provide greater flexibility with the rest of the installation).</p> <p>If x is equal to or greater than 7mm (0.3"), packing is required. Pack out the largest dimensions (W3) to be within 7mm (0.3") of the smallest dimension (W1). Ensure W1 = Shade Width (Shade width is specified in initial check and measure).</p> <p>Proceed to Step 6 for Inside mount applications or Step 7 for Wall mount applications.</p>
<p>2.</p> <p>W1 is greater than W2 and W3</p>	<p>Pack space so that the top is equal to or within 7mm (0.3") of the smallest dimension (W3). Ensure W3 = Shade Width (Shade width is specified in initial check and measure).</p> <p>Proceed to Step 6 for Inside mount applications or Step 7 for Wall mount applications.</p>



3.



W2 is greater than W1 and W3

Pack space so that the largest dimension (W2) to be equal to or within 7mm (0.3") of smallest dimension (W1 or W3).  
Ensure smallest dimension = Shade Width  
(Shade width is specified in initial check and measure).



If W1 and W3 sizes are different, minor packing may also be required at these locations.

Proceed to Step 6 for Inside mount applications or Step 7 for Wall mount applications.

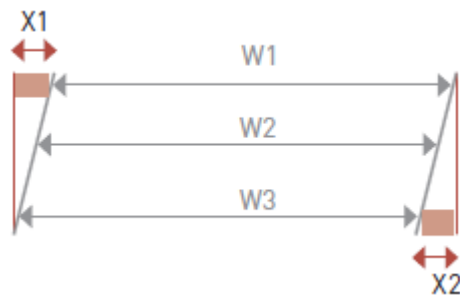
#### STEP 6 – CHECK SIDES OF INSTALLATION ARE LEVEL (FOR INSIDE MOUNT APPLICATIONS ONLY)



If un-even, refer to packing evaluation on the right.

If level, go to Step 7.

Determine dimension x on each side.

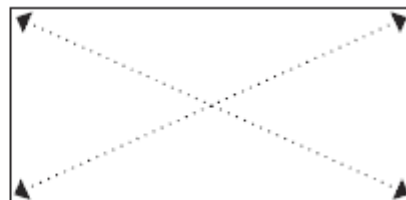


If X1 or X2 is less than 7mm (0.3"), no packing necessary (however, a square space will provide greater flexibility with the rest of the installation).

If X1 or X2 is equal to or greater than 7mm (0.3"), packing is required. Pack out the sides so they are level or within 7mm (0.3") of W1.

Ensure the finished W1 width = Shade Width.  
(Shade Width is specified in initial check and measure).

#### STEP 7 – CHECK & ENSURE THE INSTALLATION SPACE IS LEVEL & SQUARE (WITHIN ALLOWABLE TOLERANCE)

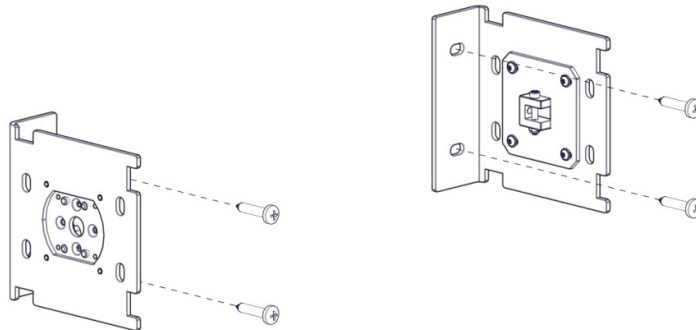


## SECTION 2 – INSTALLATION

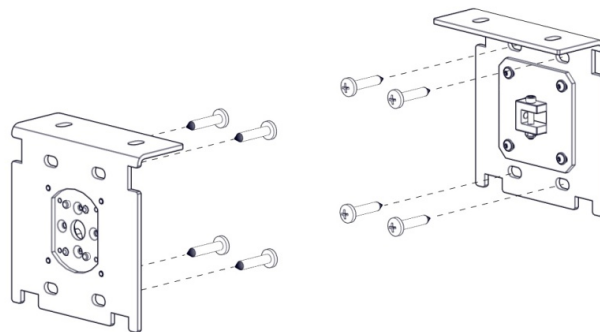
### PART A – BRACKET INSTALLATION

#### STEP 1 – INSTALL BRACKETS TO WALL/CEILING USING APPROPRIATE FASTENERS TO SUIT APPLICATION

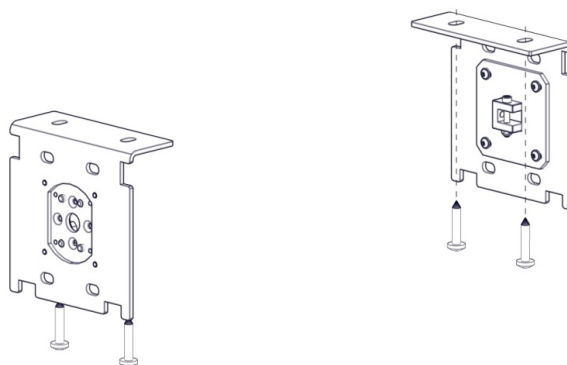
Wall mount (*this configuration will be used throughout manual*)



Inside mount



Ceiling mount



#### NOTE:

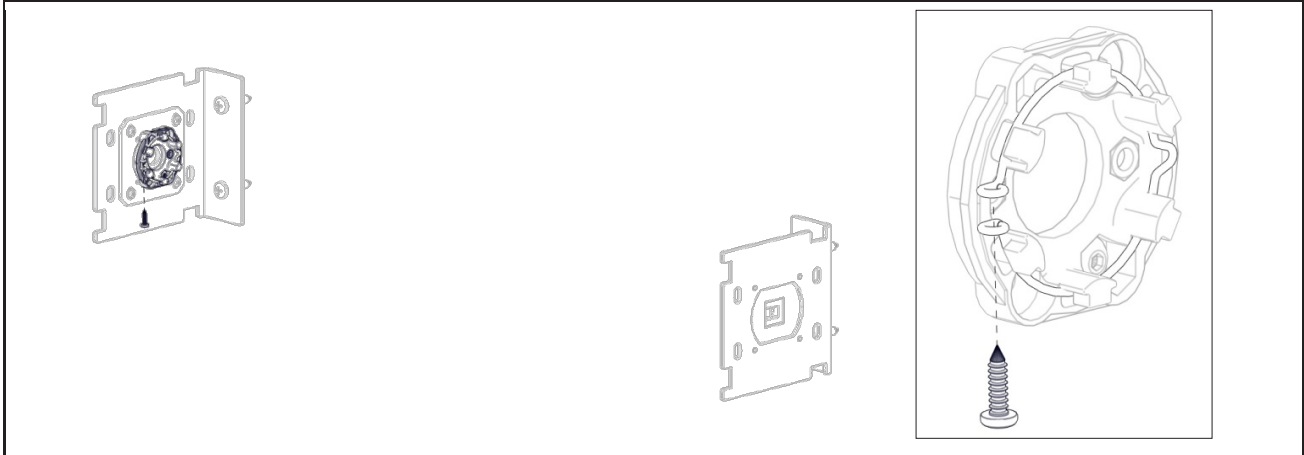
Ensure brackets are aligned and level.

Measure brackets end to end to confirm measurement is correct.

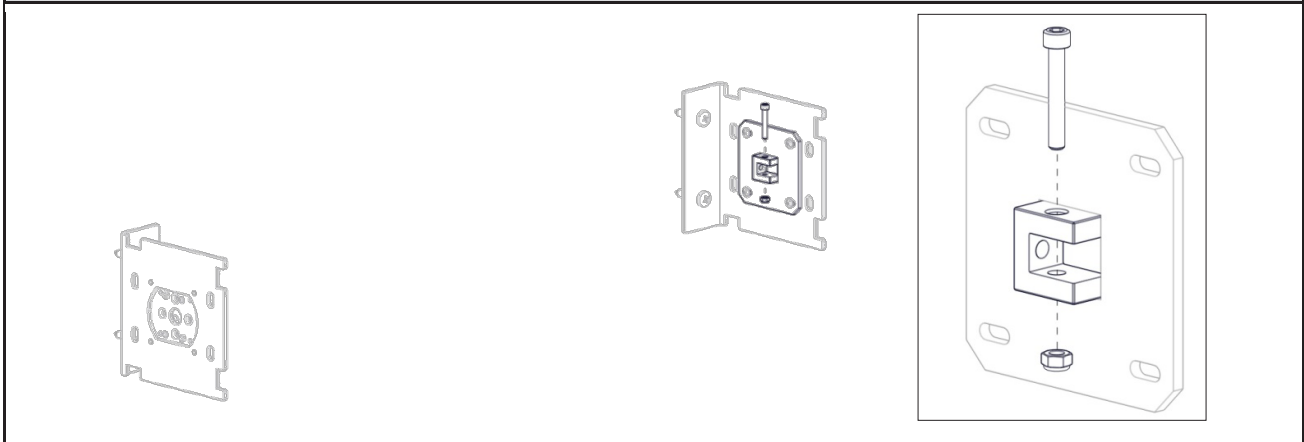


## PART B – SHADE INSTALLATION

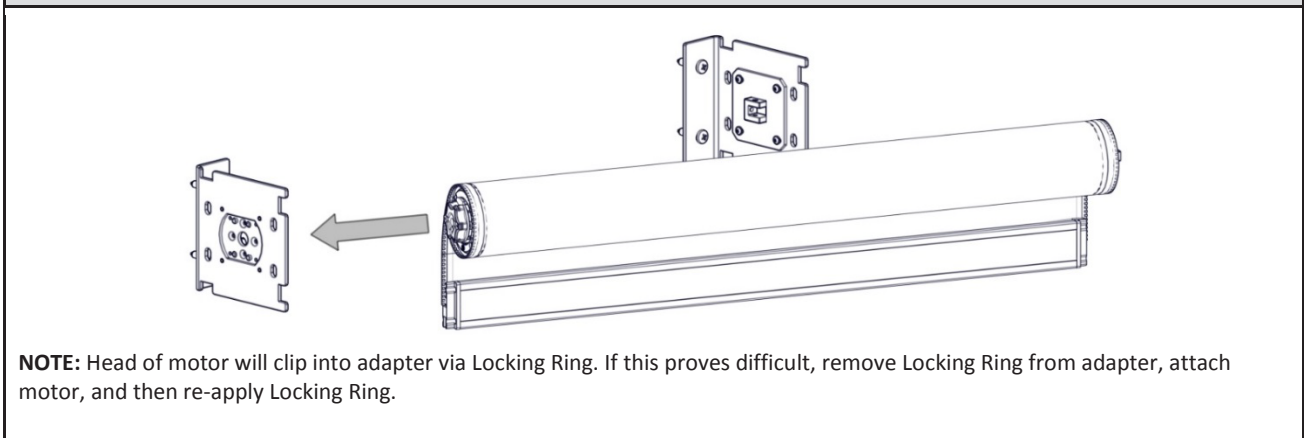
### STEP 1 – TEMPORARILY REMOVE SCREW FROM ZAMAK ADAPTER LOCKING RING



### STEP 2 – TEMPORARILY REMOVE NUT AND BOLT FROM IDLER ADAPTER

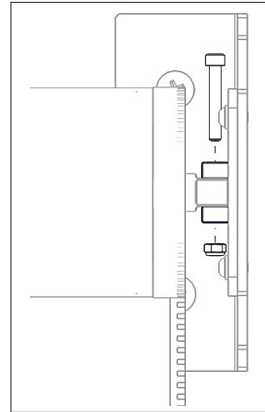
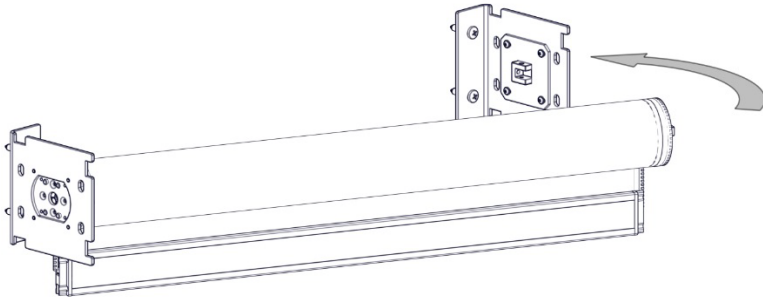


### STEP 3 – MOUNT MOTOR END TO BRACKET



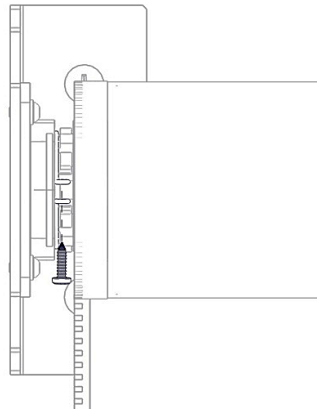


#### STEP 4 – MOUNT IDLER END TO BRACKET

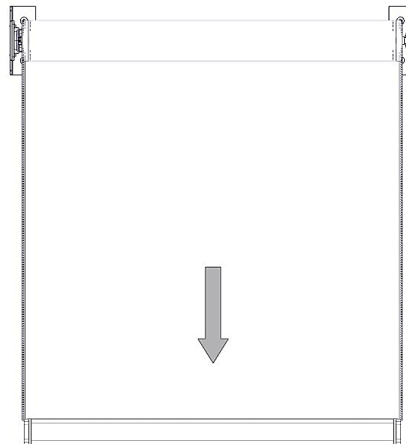


Fasten  
idler using  
screw and  
lock nut

#### STEP 5 – SECURE RETAINING SCREW OF ZAMAK ADAPTER LOCKING RING



#### STEP 6 – RUN SHADE DOWN



#### STEP 7 – ADJUST FABRIC SO THAT IT IS CENTERED WITH SYSTEM



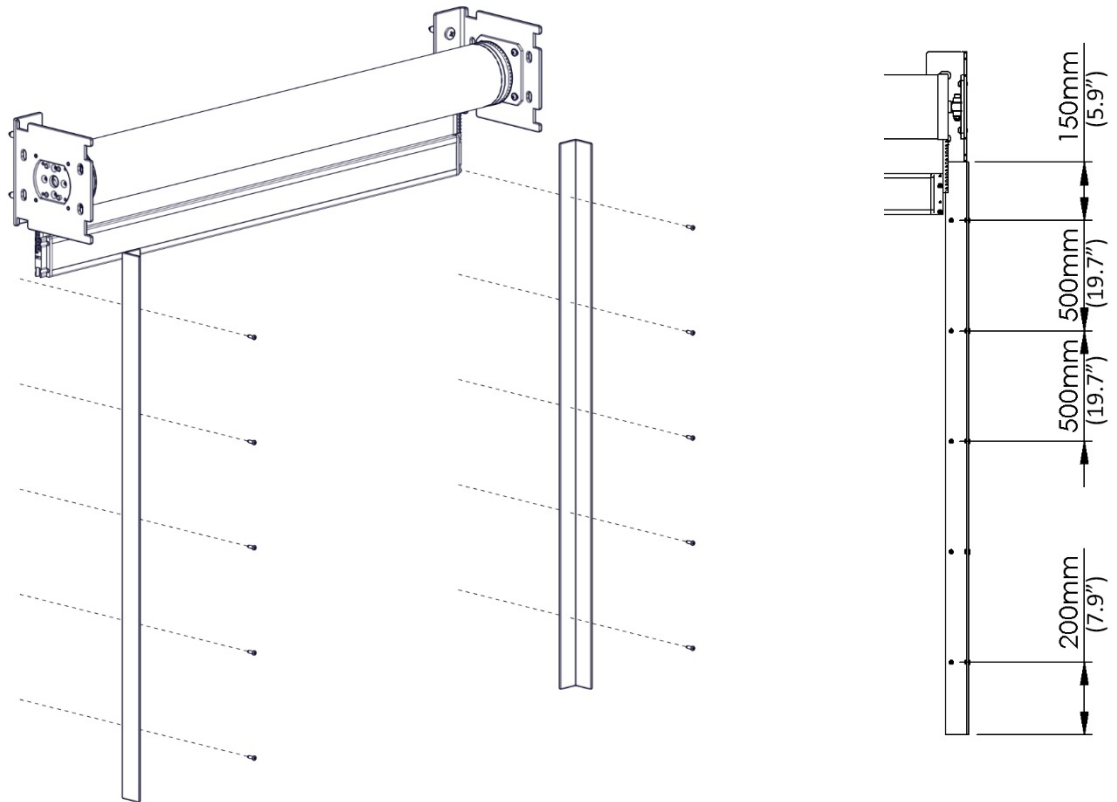
#### STEP 8 – TEST SHADE OPERATION

Ensure wiring is correct and motor is operating correctly.



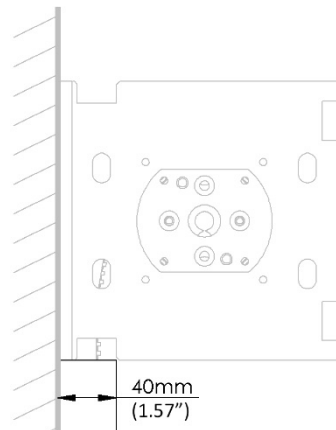
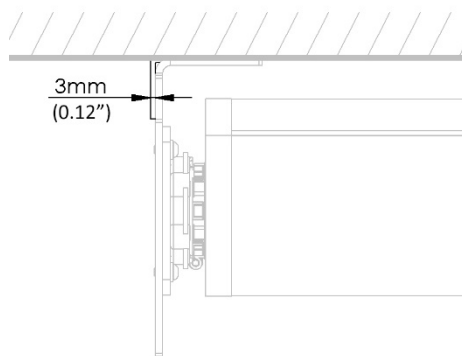
## PART C – SIDE GUIDE INSTALLATION

### STEP 1 – MOUNT FASTENER RAIL TO WALL ON BOTH SIDES (FOR FACE APPLICATIONS ONLY)



TOP VIEW

SIDE VIEW

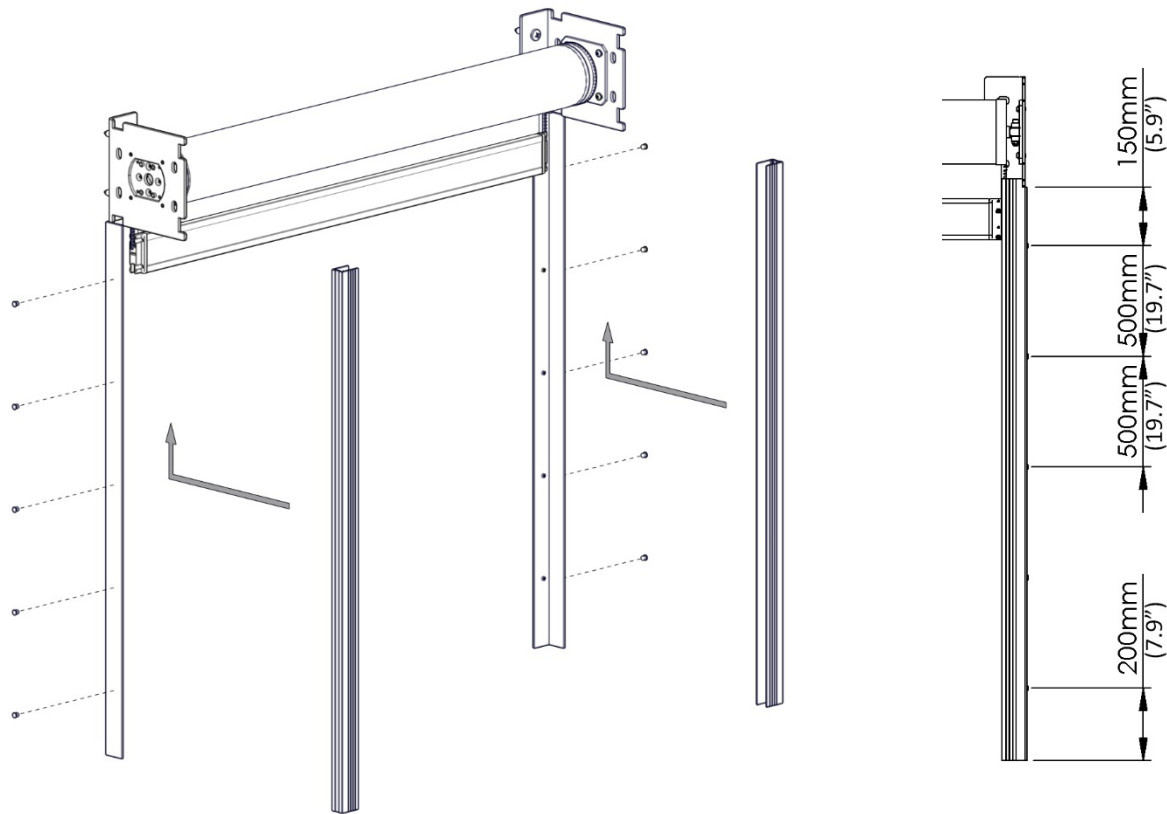


**Note:**

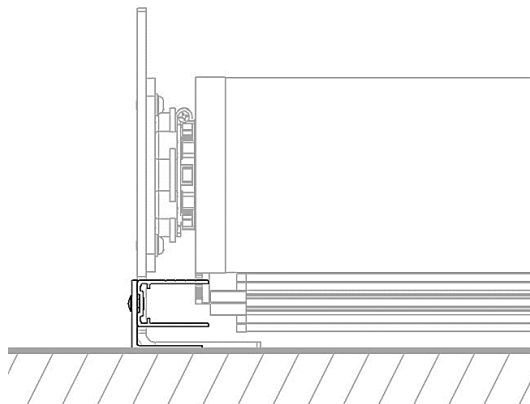
- Fastener Rail protrudes from the profile of bracket.
- Ensure the top of Fastener Rail is located against the bracket.



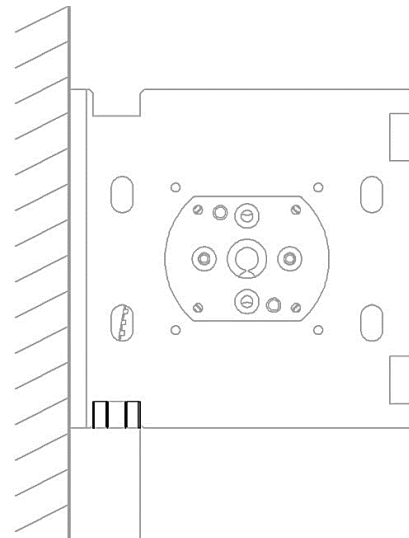
**STEP 2 – ALIGN U MOUNTING RAIL INTO BRACKET CUT-OUT AND MOUNT TO FASTENER RAIL**



**BOTTOM VIEW**

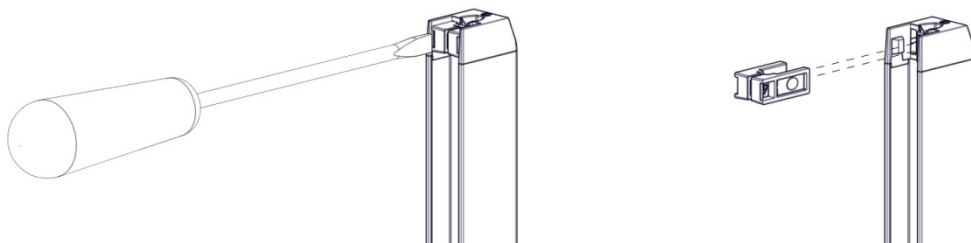


**SIDE VIEW**

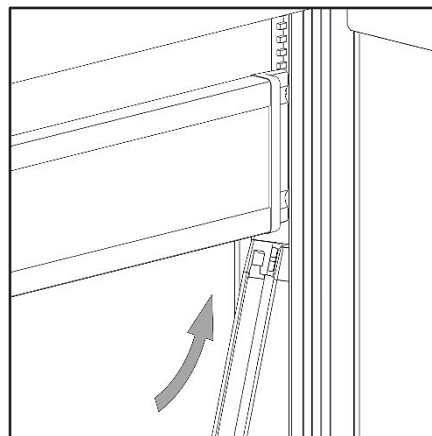
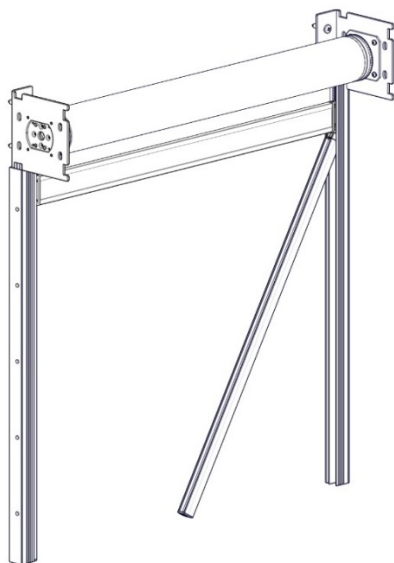


### STEP 3 – REMOVE STOPS FROM THE FUNNEL IN THE INNER RAILS

Use a flat head screw driver to pry both stops out.



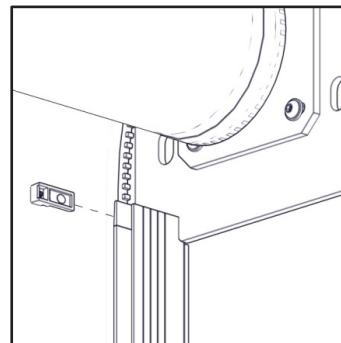
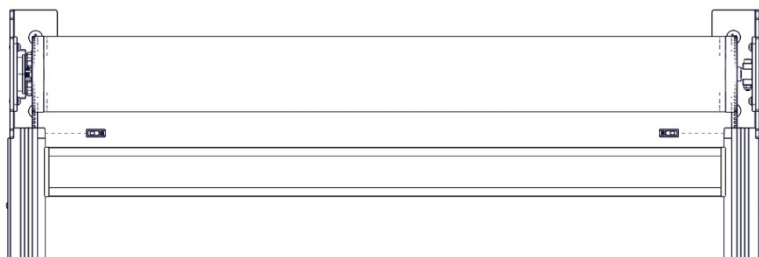
### STEP 4 – SWING INNER RAIL INTO THE U MOUNTING RAIL ON AN ANGLE



NOTE: Repeat on opposite side.

Note: Feed zip into Inner Rail funnel while aligning with U-Mounting Rail.

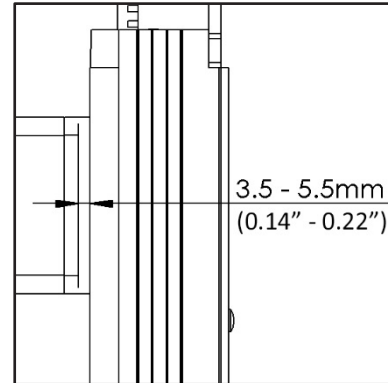
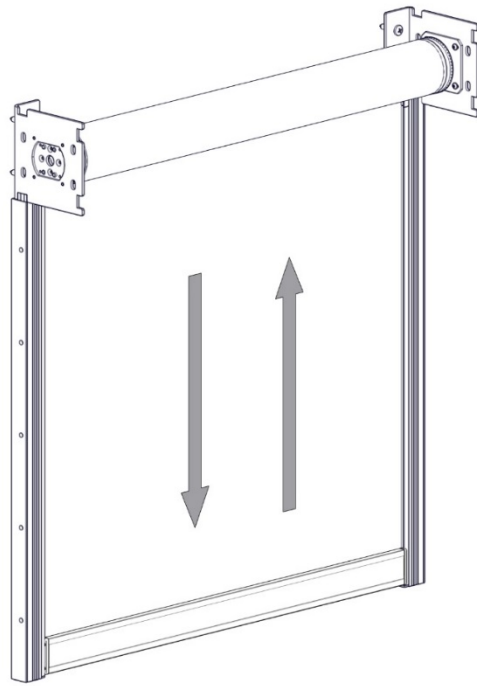
### STEP 5 – SECURE STOPS BACK INTO FUNNEL



NOTE: If there is inadequate access to the back of the shade re-attach stops, add only to the front of the shade on both ends.



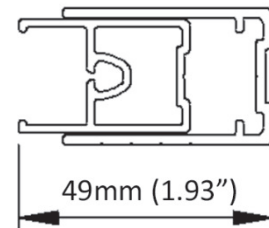
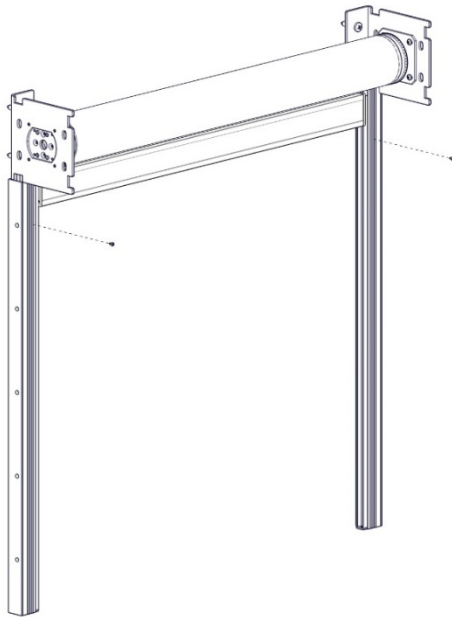
## STEP 6 – RUN SHADE UP AND DOWN TO ALLOW INNER RAIL TO MOVE INTO NATURAL POSITION



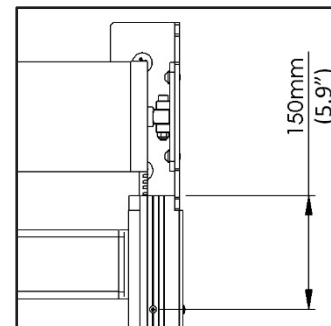
The distance between the weight bar end cap and the edge of the inner rail should always be between 3.5mm (0.14") – 5.5mm (0.22")

NOTE: The inner rails should sit parallel with the zip to avoid strain or jamming of the shade during operation. Ensure the zip is running inside the inner rail on both sides.

## STEP 7 – SECURE INNER RAILS TO THE U – MOUNTING RAIL

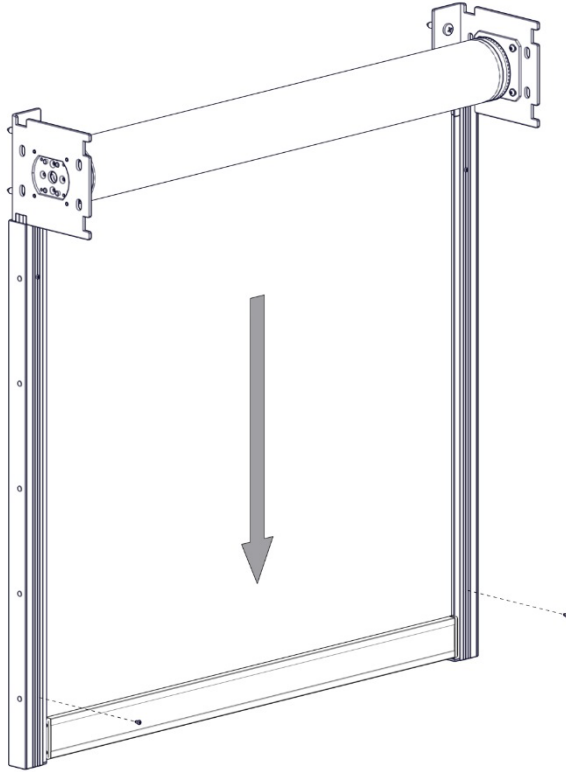


Screw/rivet Inner Rail at central position.

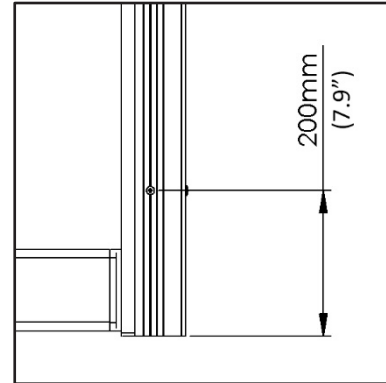
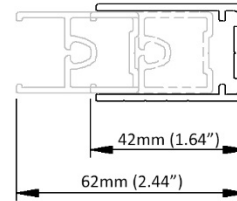


## STEP 8 – MOUNT SECOND FIXTURE INTO THE U-MOUNTING RAIL

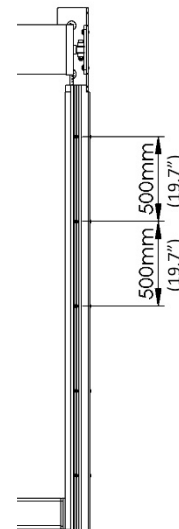
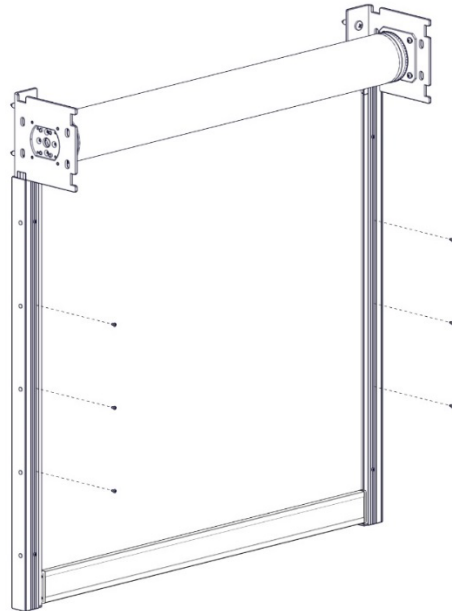
Run shade down and secure the Inner Rail at the bottom of the shade on both sides.



The overall dimension of the U Mounting Rail and Inner Rail must be between 42mm - 62mm. (1.65" - 2.44")

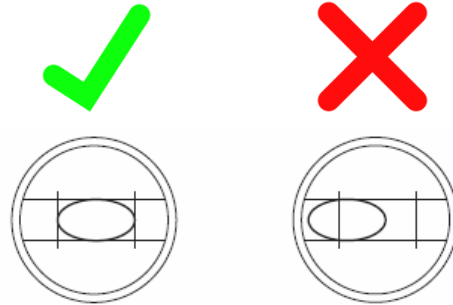
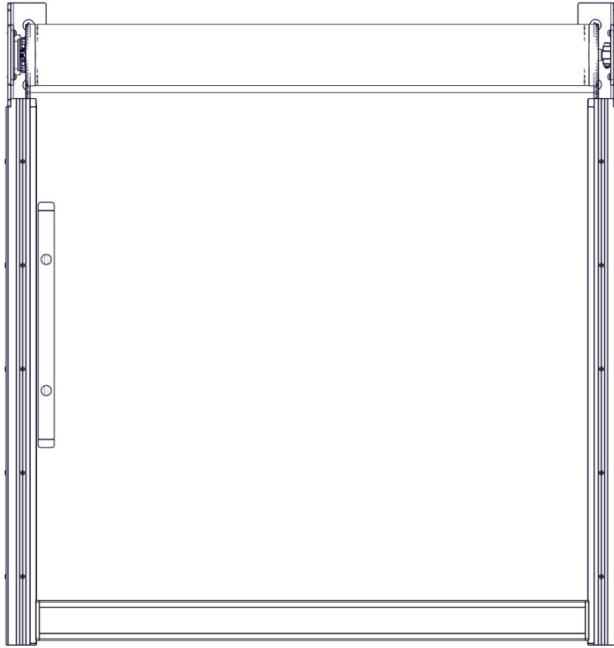


## STEP 9 – FIX REMAINING SIDE GUIDE SCREWS AND SECURE

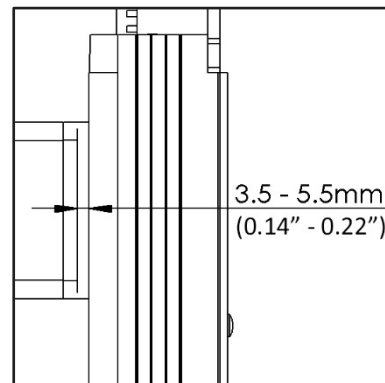
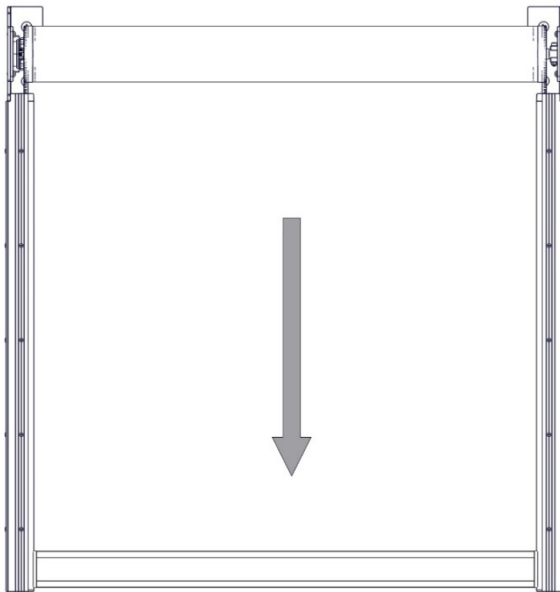


## STEP 10 – TEST OPERATION AND APPEARANCE OF SHADE

Check the Inner Rails are level and parallel.



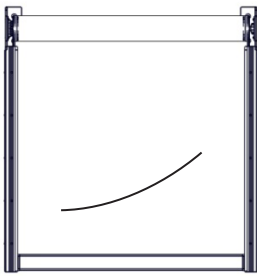
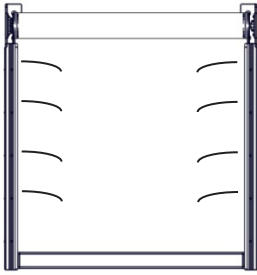
Run the shade down.



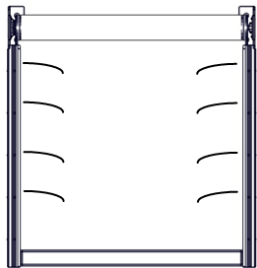
Check there is always 3.5mm (0.14") – 5.5mm (0.22") gap between the edge of the weight bar end cap and the inner rail on both sides.





NO.	PROBLEM	CAUSE	SOLUTION
1	Prominent 'smile/' across fabric 	Not enough tension in side guides.	Check Inner Rails are level & parallel (Section 2, Part C, Step 10).  If the Inner Rails are not level and parallel remove rivets from U-Mounting Channel, reposition Inner Rail to increase tension and re-secure Inner Rail. (Multiple rivets may require removal and repositioning) Refer Section 2, Part C, Steps 7 – 10.
		Fabric is not installed straight.	Ensure fabric is assembled straight onto tube and weight bar.
2	Ripples alongside of fabric 	Shade rolled up for extended period of time.	This occurrence is inherent to roller systems and is more prevalent in some fabrics. Leave shade down for 1-4 hours – most ripples should disappear.
		Fabric not central to system.	Check fabric is centered with system (Section 2, Part B, Step 7)  If the fabric is not centered with the system, center the fabric. The Side Rails may need to be removed to correct. Refer Section 2, Part B, Steps 7  If fabric cannot be centered, check scallop in fabric is large enough for installation (Assembly manual, Section 2, Part C, Step 5). If the fabric at the scallop is flush with the edge of the tube and the fabric cannot move sideways any further, increase size of scallop in fabric.
		Too much tension in Inner Rails.	Check Inner Rails are level & parallel (Section 2, Part C, Step 10).  If the Inner Rails are not level and parallel remove rivets from U-Mounting Channel, reposition Inner Rail to reduce tension and re-secure Inner Rail. Refer Section 2, Part C, Steps 7-10.
		Fabric is too wide for installation.	Check actual installation width dimension matches the measured shade width.  If the installation width does not match the measured shade width: - Correct installation width to match measured shade width <b>or</b> - Correct fabric width to correct size (based on actual installation width) Note: Tube and Weight Bar may also require correcting Refer Assembly Manual, Section 2, Part C.  If the installation width matches the measured shade width: Check overall fabric width from external zip edge to external zip edge. If required, correct fabric width.



		Not enough weight in Weight Bar.	Add ballast to Weight Bar. Refer Assembly Manual, Section 4, Part D, Step 4.
3	<p>Small ripples (close to weld)</p> 	Welding temperature is too high on zip.	Cut new fabric skin and weld zip onto fabric ensuring temperature is not too hot. Refer Assembly manual, Section E, Part 3, Step 2 for welding tips.
4	Shade gets jammed half way down	Weight Bar End Cap hits Inner Rail.	<p>Check there is always 3.5mm (0.14") – 5.5mm (0.22") gap between Weight Bar End Cap and Inner Rail (Section 2, Part C, Step 10).</p> <p>If there is insufficient clearance, check:</p> <ul style="list-style-type: none"> <li>- Actual installation width dimension matches the measured shade width</li> <li>- The Weight Bar Length is cut in accordance with the deductions outlined by Rollease Acmeda</li> </ul> <p>If the installation width does not match the measured shade width:</p> <ul style="list-style-type: none"> <li>- Correct installation width to match measured shade width or</li> <li>- Trim Weight Bar length to correct size (based on actual installation width)</li> </ul> <p>Note: Tube and fabric may also require correcting</p> <p>Refer Assembly Manual, Section 2, Part C.</p>
5	Motorized shade jolts during operation	Motor rotates shade continuously whilst a wind gust causes additional friction in Inner Rail and stops shade momentarily. When force of wind is reduced, the additional friction is removed and shade drops.	This occurrence is inherent to the motorized system and no damage will be caused as a result. If undesired, avoid operating shade in windy conditions.
		Not enough weight in Weight Bar.	Add ballast to Weight Bar. Refer Assembly Manual, Section 4, Part D, Step 4.
6	Cannot install Inner Rail into shade to feed Zip	Weight Bar Length is too long.	<p>Check actual installation width dimension matches the measured shade width.</p> <p>If the installation width does not match the measured shade width:</p> <ul style="list-style-type: none"> <li>- Correct installation width to match measured shade width or</li> <li>- Trim Weight Bar length to correct size (based on actual installation width)</li> </ul>



			Note: Tube and fabric may also require correcting Refer Assembly Manual, Section 2, Part C.
		Inner Rail Length is too long.	Check actual installation drop dimension matches the measured shade drop.
		Stops still in Funnel.	Remove Stops from Funnel. Refer Section 2, Part C, Step 3.
7	Uneven Weight Bar	Inconsistent friction along Inner Rails.	Check Inner Rails are level & parallel (Section 2, Part C, Step 10) If the Inner Rails are not level and parallel remove rivets from U-Mounting Channel, reposition Inner Rail to reduce tension and re-secure Inner Rail. Refer Section 2, Part C, Steps 7 – 10.
		Motorized shade jolts during operation.	See Point 5.
		Zip Overturns on itself.	This occurrence is inherent to Zipscreen and there isn't currently a solution.

