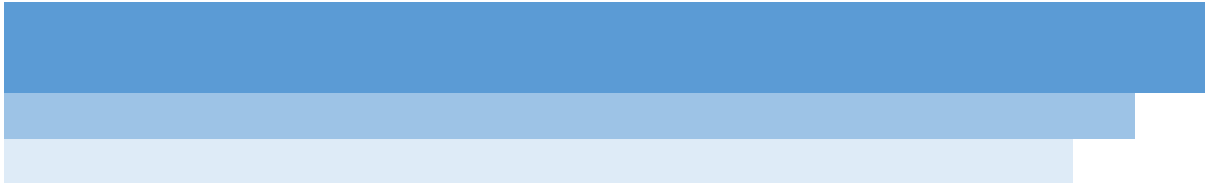




# ZIPSCREEN EXTREME INSTALLATION MANUAL



May 2017

# CONTENTS

May 2017

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

SECTION NO.	DESCRIPTION	PAGE NO.
<b>SECTION 1 – ITEMS REQUIRED</b>		<b>1.1</b>
	PART A – PREPARING INSTALLATION SPACE	1.4
<b>SECTION 2 – INSTALLATION</b>		<b>2.1</b>
	PART A – BRACKET INSTALLATION	2.1
	PART B – BLIND INSTALLATION FOR OPEN BRACKET & BOX 190	2.3
	PART C – SIDE GUIDE INSTALLATION FOR OPEN BRACKET & BOX 190	2.6
<b>SECTION 3 – TROUBLESHOOTING</b>		<b>3.14</b>

## 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 a Job Safety Analysis or Safe Work Method Statement is completed prior to installation to identify hazards, to determine appropriate risk control measures and to implement the control measures.
- 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 Job Safety Analysis/Safe Work Method Statement is completed and actions to reduce risks are implemented.
- 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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## SECTION 1 – ITEMS REQUIRED

### TOOLS REQUIRED

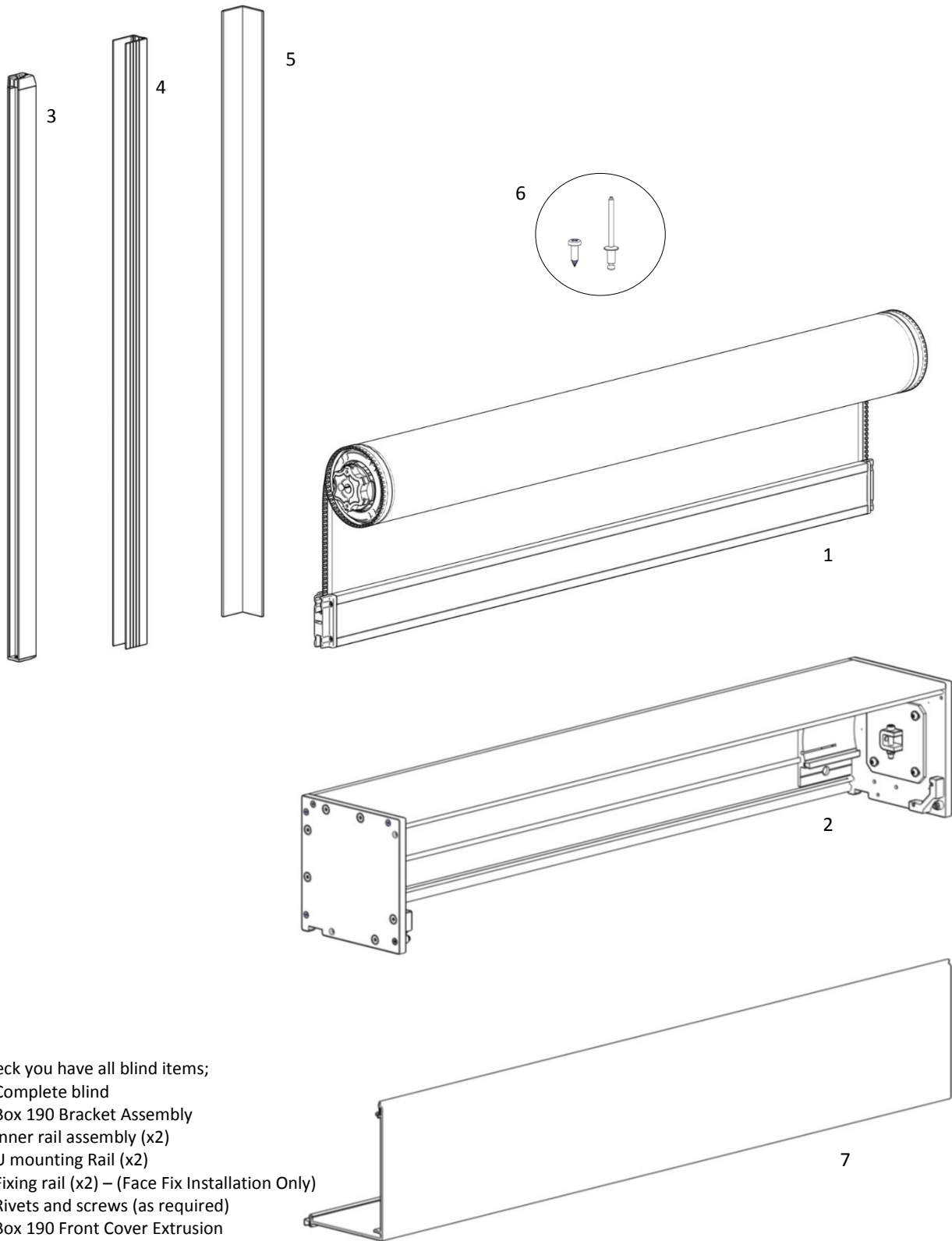
- Drill
- Drill Bits – 3.2mm
- Screw Driver – Philips Head / Flat Head
- Measuring Tape
- Pencil
- Allen key set
- Spirit level

### 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

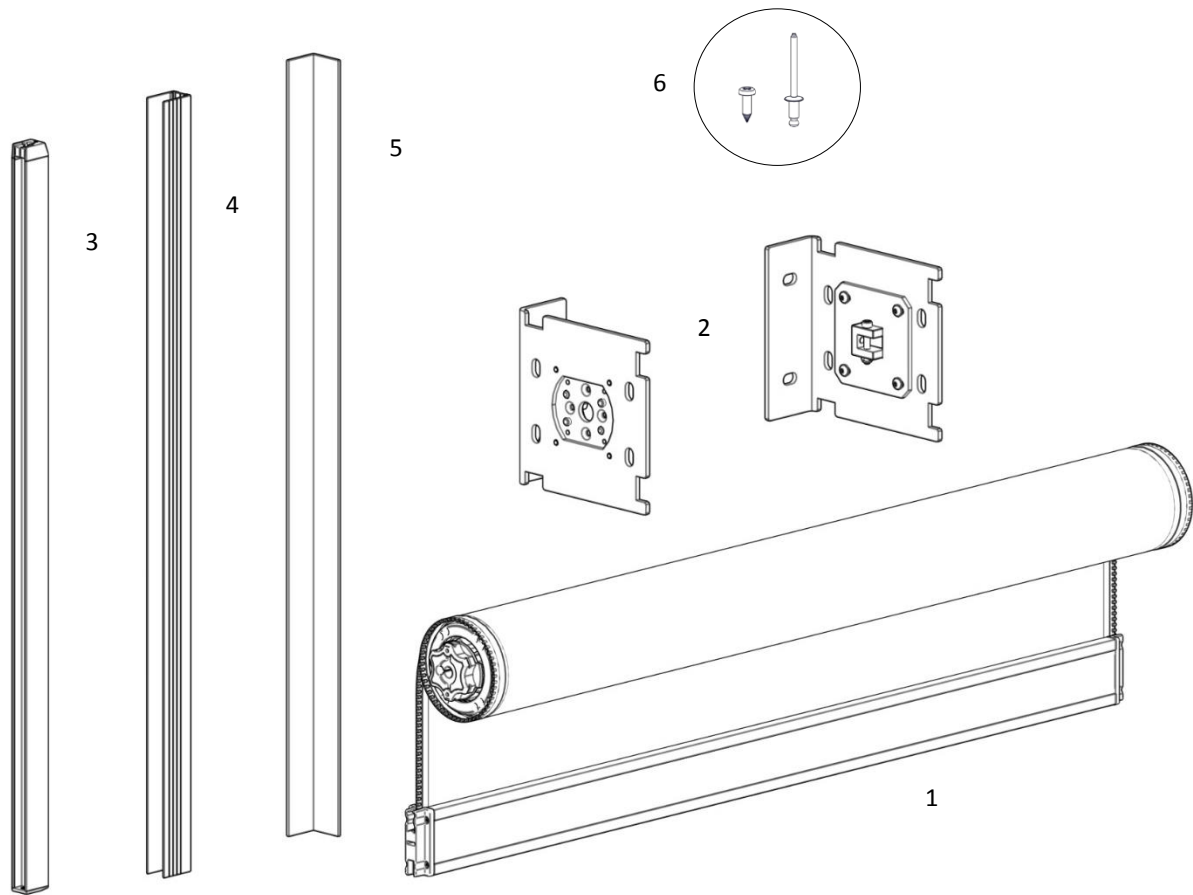
## BLIND ITEMS REQUIRED – BOX 190



Check you have all blind items;

1. Complete blind
2. Box 190 Bracket Assembly
3. Inner rail assembly (x2)
4. U mounting Rail (x2)
5. Fixing rail (x2) – (Face Fix Installation Only)
6. Rivets and screws (as required)
7. Box 190 Front Cover Extrusion

## BLIND ITEMS REQUIRED – OPEN BRACKETS



Check you have all blind items;

1. Complete blind
2. Bracket sets
3. Inner rail assembly (x2)
4. U mounting Rail (x2)
5. Fixing rail (x2) – (Face Fix Installation Only)
6. Rivets and screws (as required)

## PART A – PREPARING INSTALLATION SPACE

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

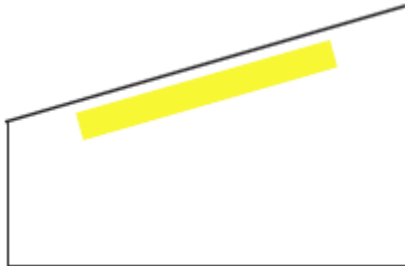
### STEP 1 – CHECK FOR OBSTRUCTIONS

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.

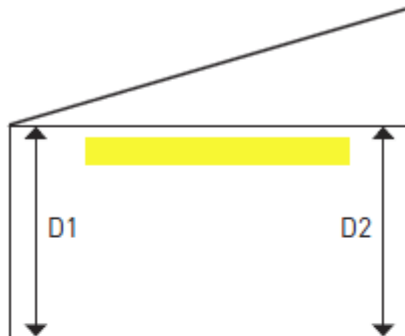
### STEP 2 – CHECK TOP OF INSTALLATION IS LEVEL



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

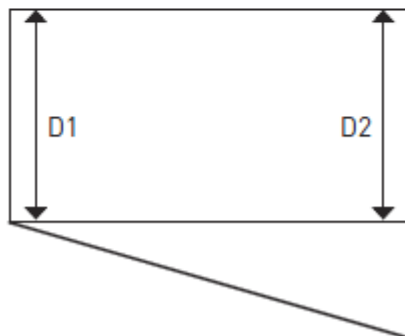


D = Drop of blind

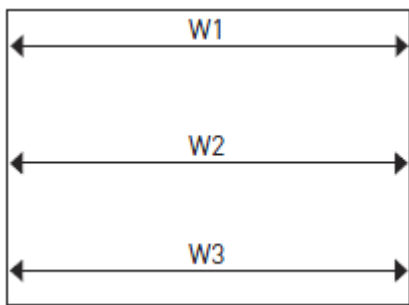
NOTE: In some instances, when the top is level, D1 & D2 will not be equal as there is an uneven ground.

Ensure the smallest value of D1 & D2 = Blind 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 blind.



**STEP 4 – CHECK HORIZONTAL INSTALLATION DIMENSIONS AT TOP, CENTRE & BOTTOM**



W = Width of blind

If W1, W2 & W3 are equal or within 7mm of each other, proceed to Step 6 for Side Fix applications or Step 7 for Face Fix applications.

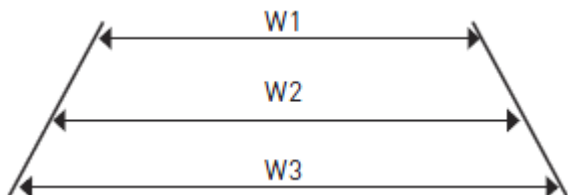
If W1, W2 & W3 are not equal or within 7mm of each other, review the scenarios outlined in Step 5 and determine if and where packing is required.

**STEP 5 – PACK INSTALLATION WIDTH TO BLIND WIDTH MEASUREMENT**

SCENARIO

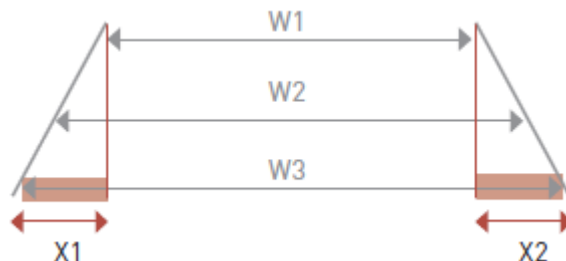
PACKING DETAILS

1.



W3 is greater than W1 and W2

Determine dimension x on each side.



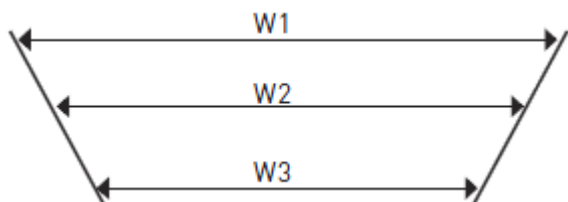
If X1 or X2 is less than 7, no packing is necessary (however, a square space will provide greater flexibility with the rest of the installation).

If x is equal to or greater than 7, packing is required. Pack out the largest dimensions (W3) to be within 7mm of the smallest dimension (W1).

Ensure W1 = Blind Width  
(Blind width is specified in initial check and measure).

Proceed to Step 6 for Side Fix applications or Step 7 for Face Fix applications.

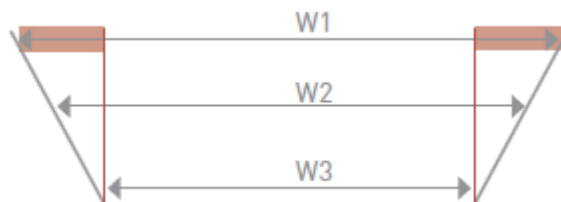
2.



W1 is greater than W2 and W3

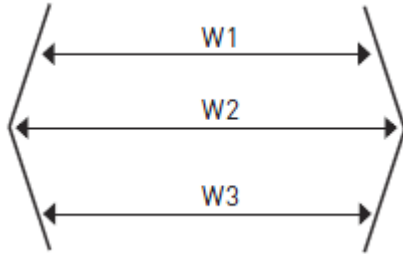
Pack space so that the top is equal to or within 7mm of the smallest dimension (W3).

Ensure W3 = Blind Width  
(Blind width is specified in initial check and measure).



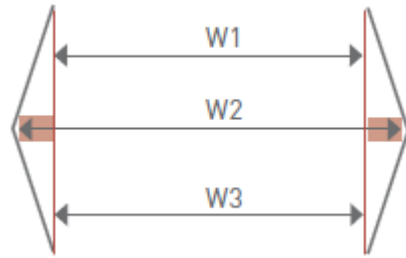
Proceed to Step 6 for Side Fix applications or Step 7 for Face Fix applications.

3.



W2 is greater than W1 and W3

Pack space so that the largest dimension (W2) to be equal to or within 7mm of smallest dimension (W1 or W3).  
Ensure smallest dimension = Blind Width  
(Blind 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 Side Fix applications or Step 7 for Face Fix applications.

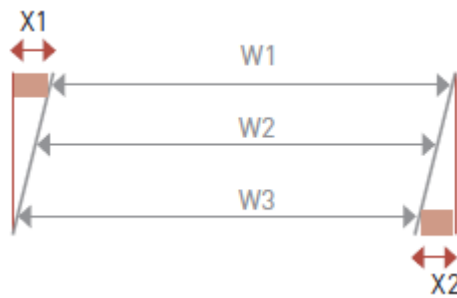
**STEP 6 – CHECK SIDES OF INSTALLATION ARE LEVEL (FOR SIDE FIX APPLICATIONS ONLY)**



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

If level, go to Step 7.

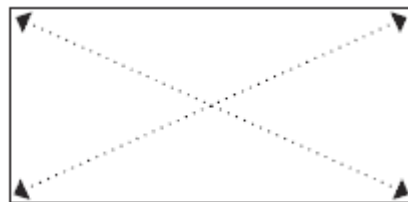
Determine dimension x on each side.



If X1 or X2 is less than 7mm, 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, packing is required. Pack out the sides so they are level or within 7mm of W1. Ensure the finished W1 width = Blind Width. (Blind Width is specified in initial check and measure).

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





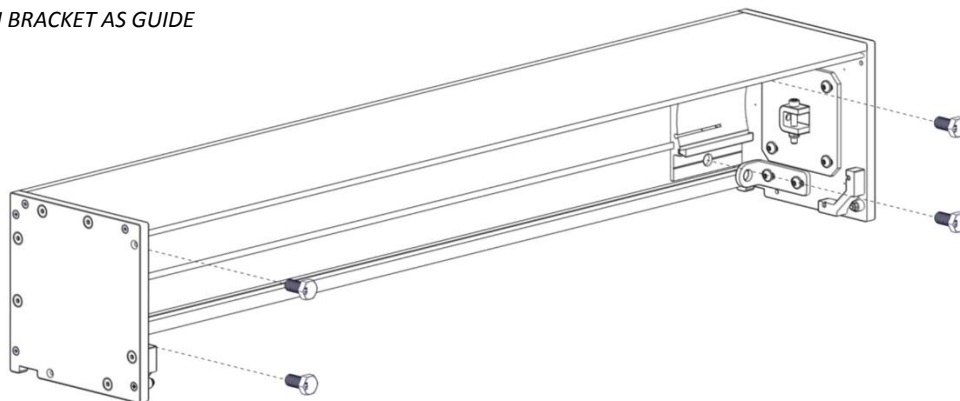
## SECTION 2 – INSTALLATION

### PART A – BRACKET INSTALLATION

#### BOX 190 – INSTALL BRACKETS TO WALL/CEILING USING APPROPRIATE FIXINGS TO SUIT APPLICATION

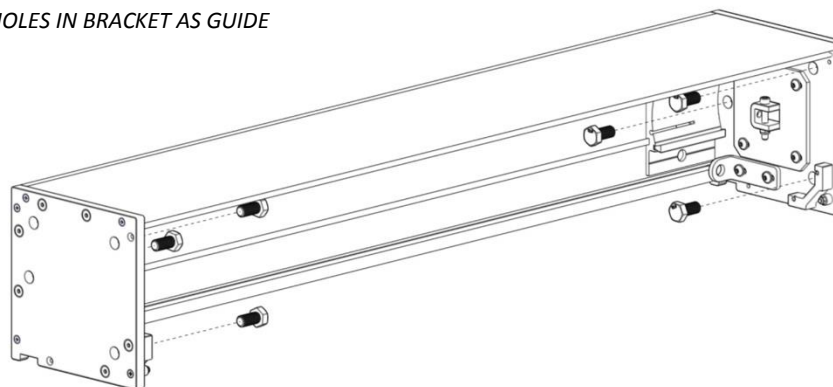
Face Fix

*USE HOLES IN BRACKET AS GUIDE*



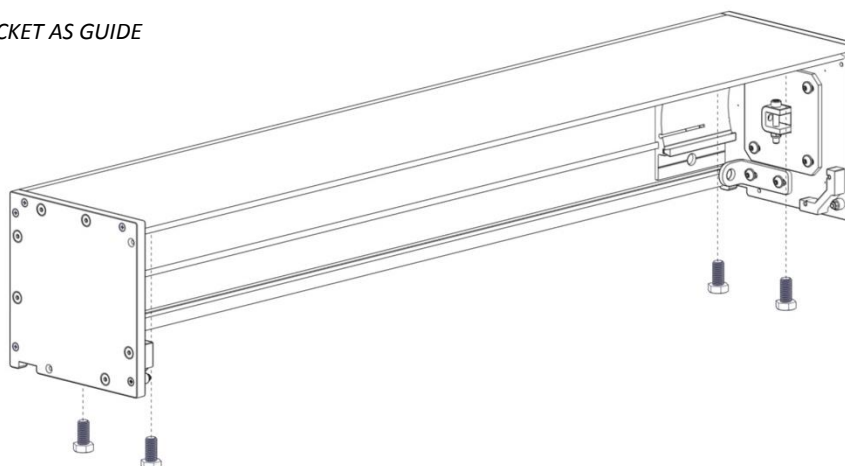
Side Fix

*USE PRE-DRILLED HOLES IN BRACKET AS GUIDE*



Top Fix

*USE HOLES IN BRACKET AS GUIDE*



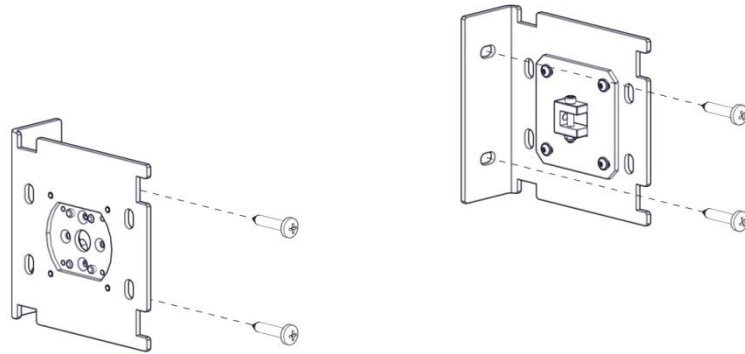
**NOTE:**

Ensure brackets are aligned and level.

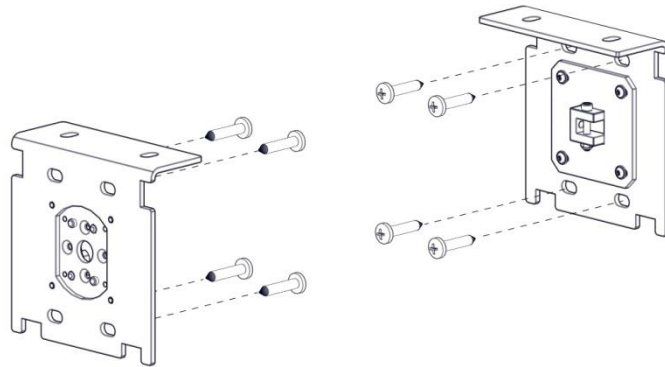
Measure brackets end to end to confirm measurement is correct.

**OPEN BRACKETS – INSTALL BRACKETS TO WALL/CEILING USING APPROPRIATE FIXINGS TO SUIT APPLICATION**

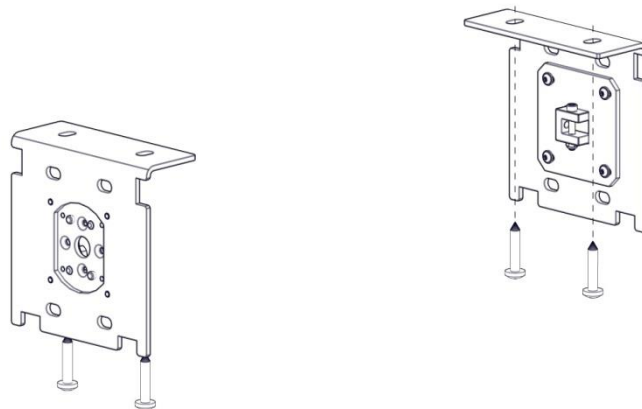
Face Fix



Side Fix



Top Fix

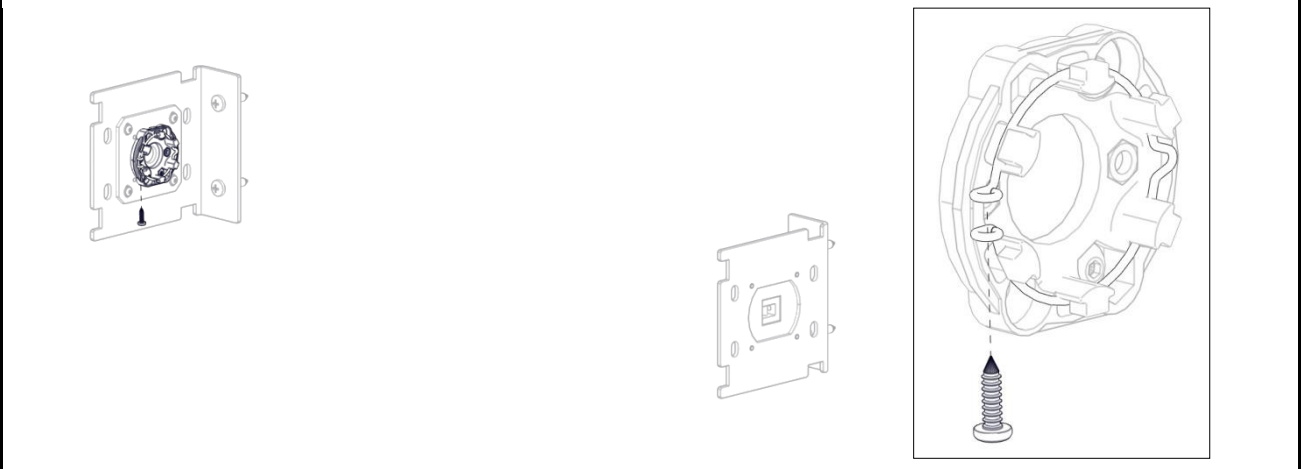


**NOTE:**

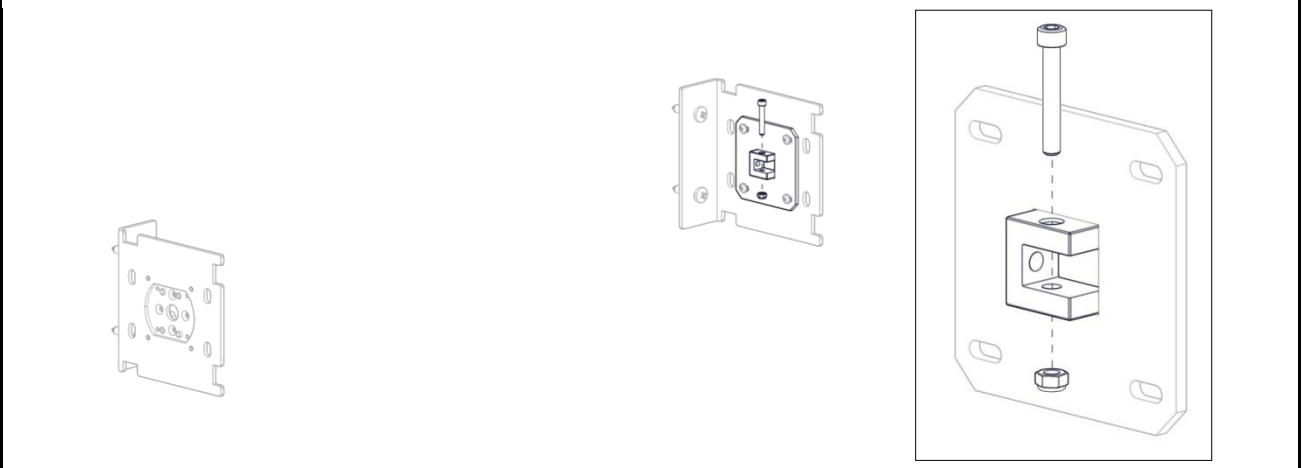
Ensure brackets are aligned and level.  
Measure brackets end to end to confirm measurement is correct.

PART B – BLIND INSTALLATION FOR OPEN BRACKET & BOX 190

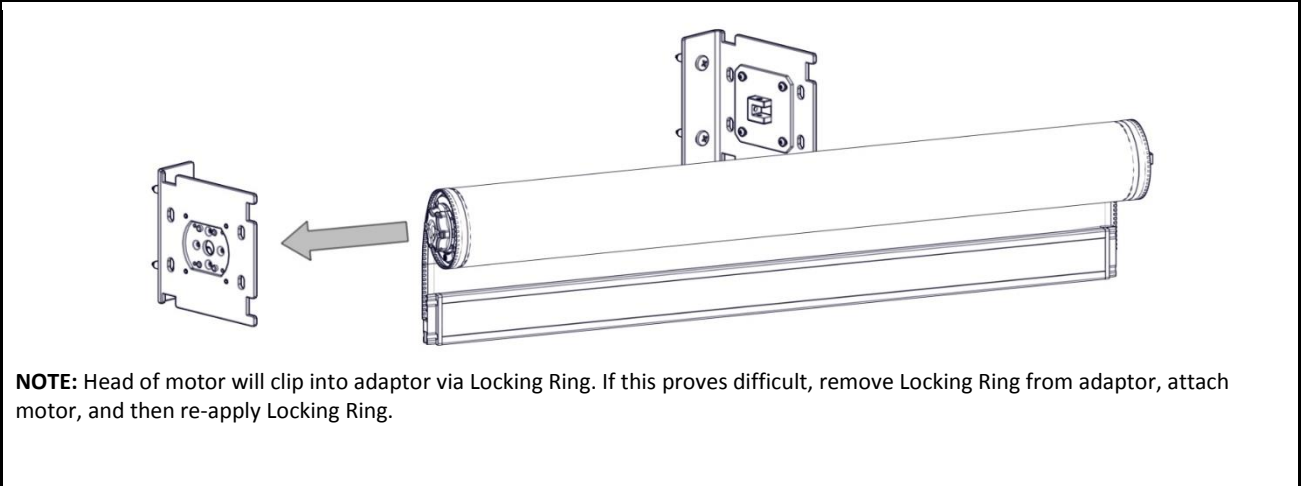
STEP 1 – TEMPORARILY REMOVE SCREW FROM ZAMAK ADAPTOR LOCKING RING



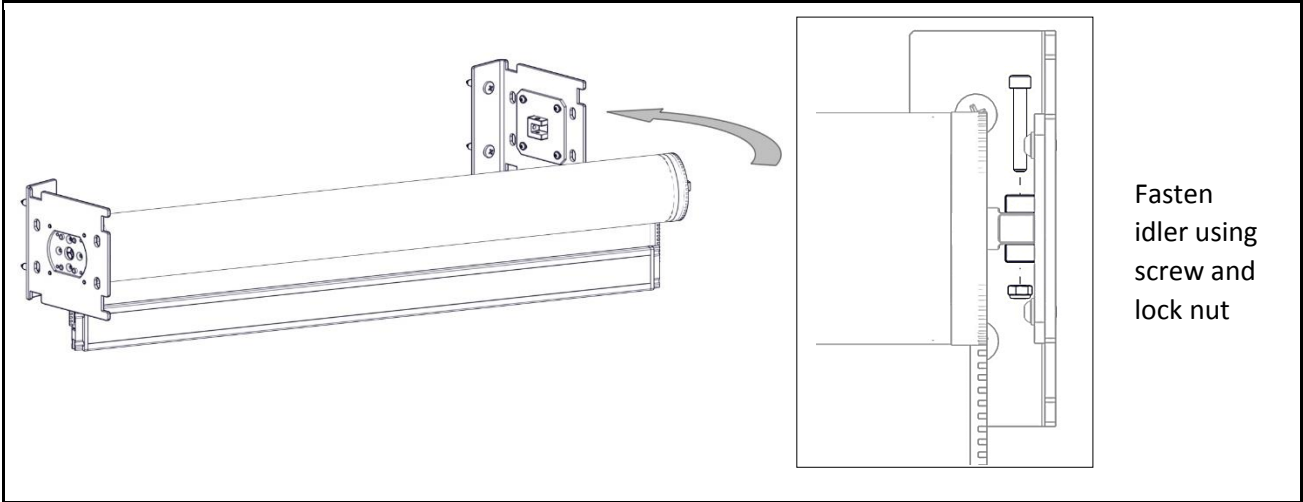
STEP 2 – TEMPORARILY REMOVE NUT AND BOLT FROM IDLER ADAPTOR



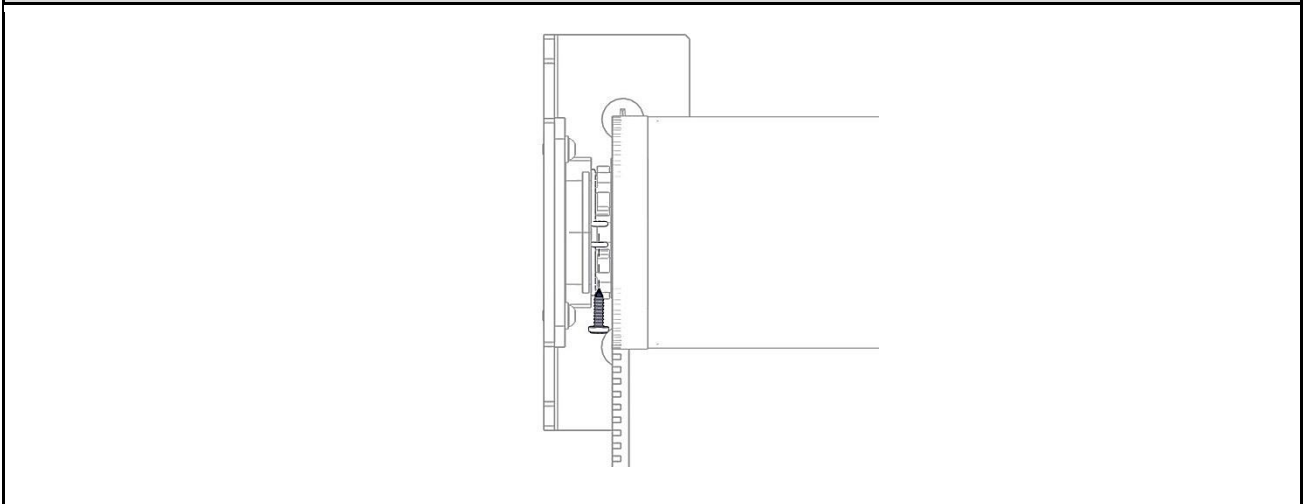
STEP 3 – MOUNT MOTOR END TO BRACKET



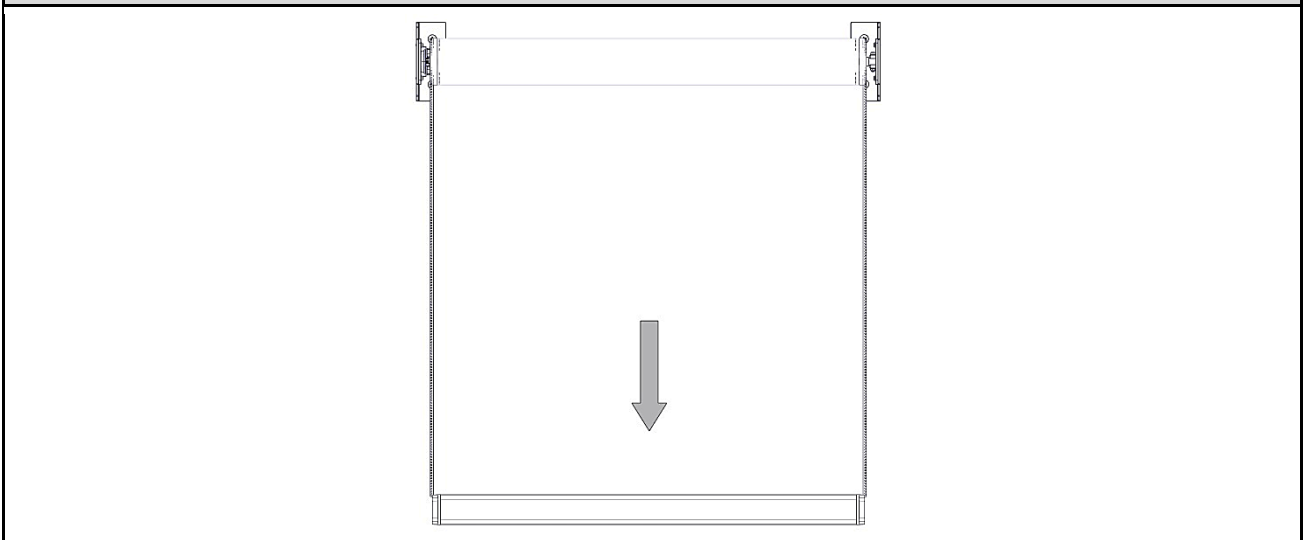
**STEP 4 – MOUNT IDLER END TO BRACKET**



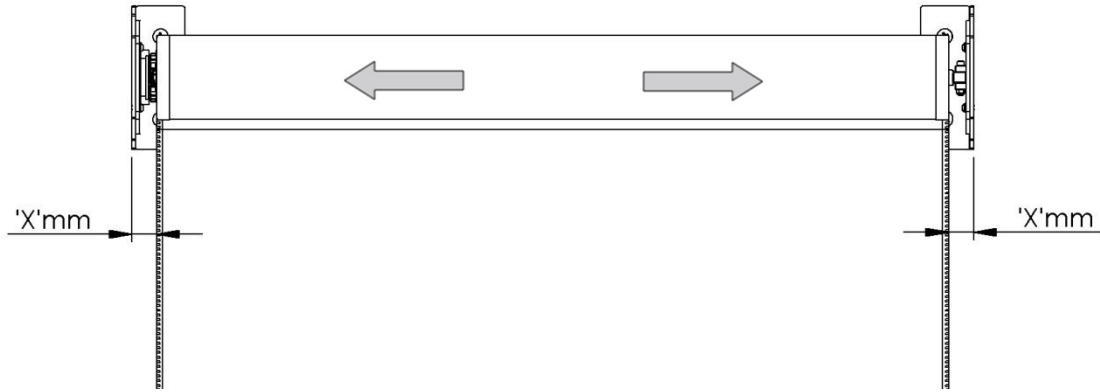
**STEP 5 – SECURE RETAINING SCREW OF ZAMAK ADAPTOR LOCKING RING**



**STEP 6 – RUN BLIND DOWN**



**STEP 7 – ADJUST FABRIC SO THAT IT IS CENTRED WITH SYSTEM**

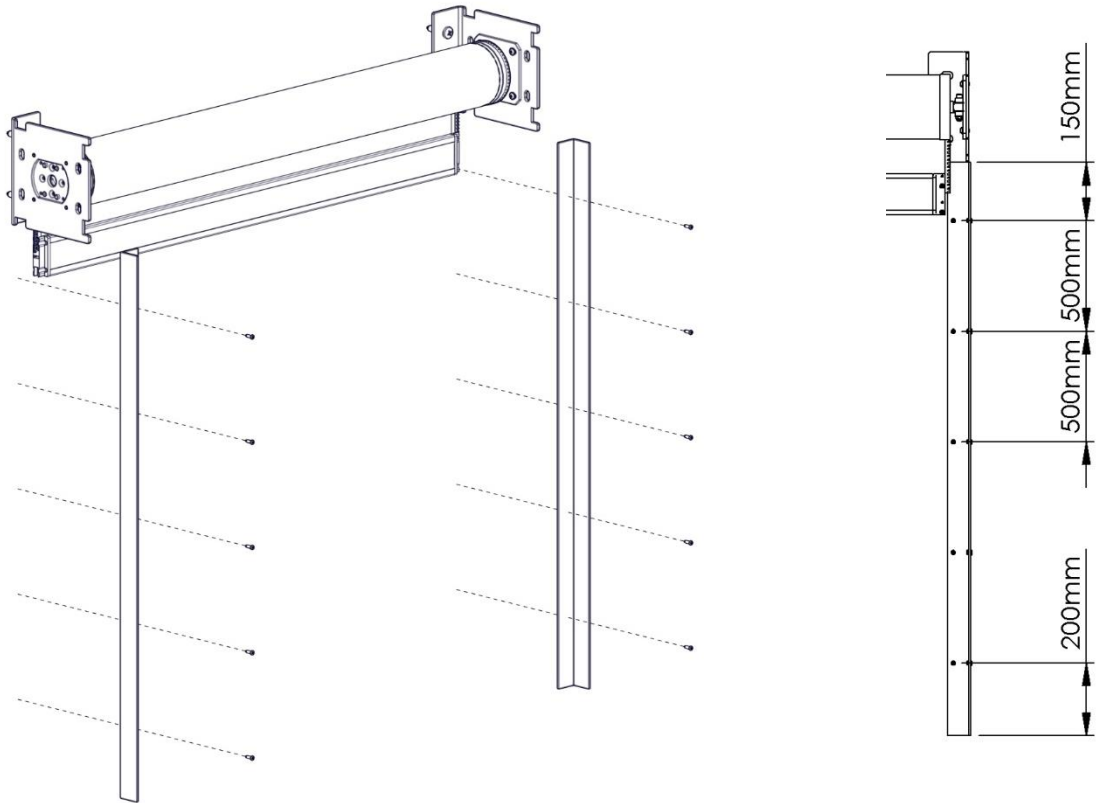


**STEP 8 – TEST BLIND OPERATION**

Ensure wiring is correct and motor is operating correctly.

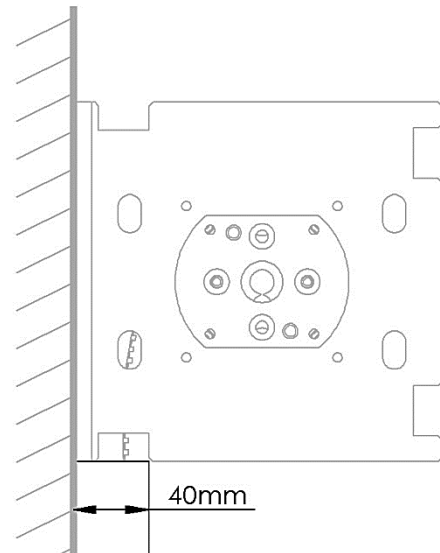
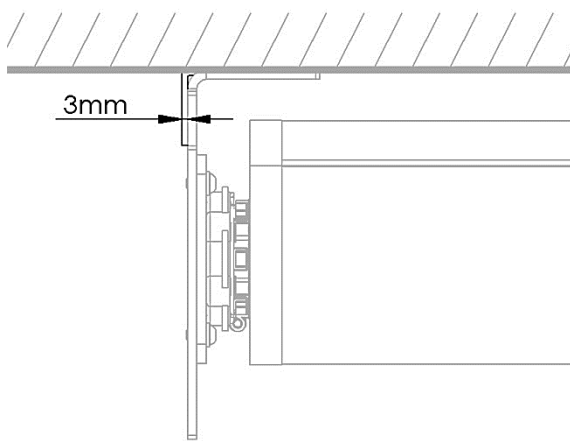
PART C – SIDE GUIDE INSTALLATION FOR OPEN BRACKET & BOX 190

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



TOP VIEW

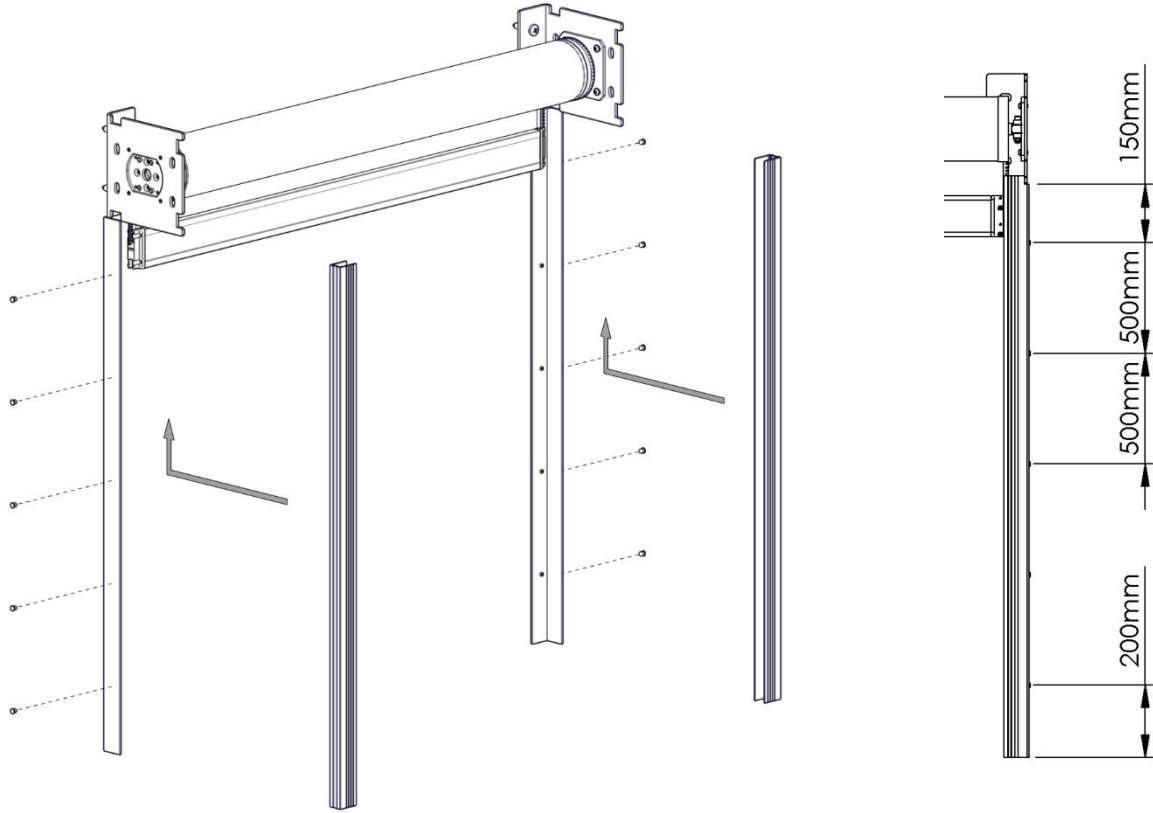
SIDE VIEW



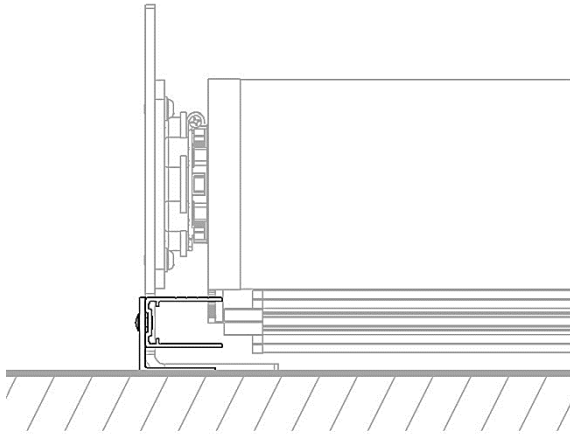
Note:

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

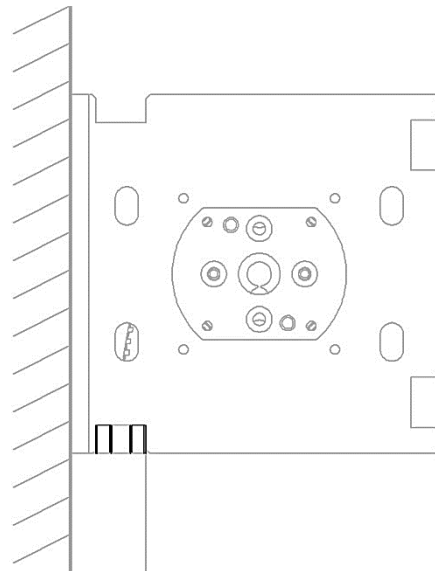
STEP 2 – ALIGN U MOUNTING RAIL INTO BRACKET CUT-OUT AND MOUNT TO FIXING RAIL



BOTTOM VIEW

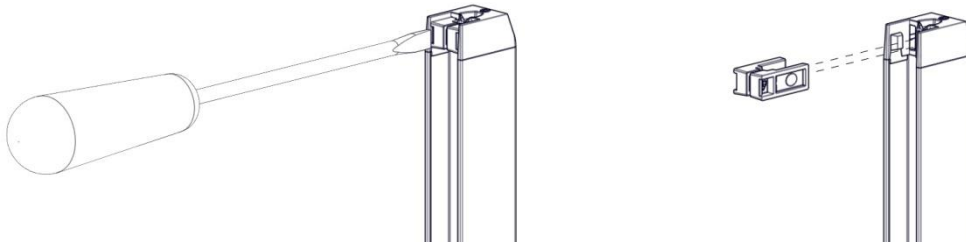


SIDE VIEW

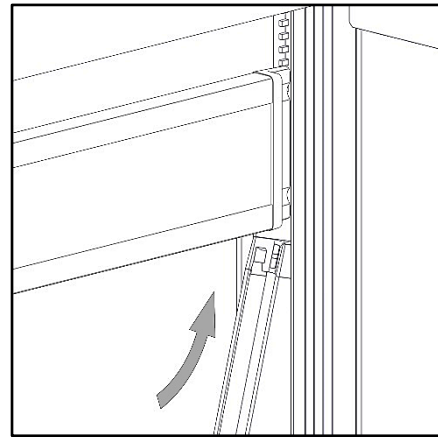
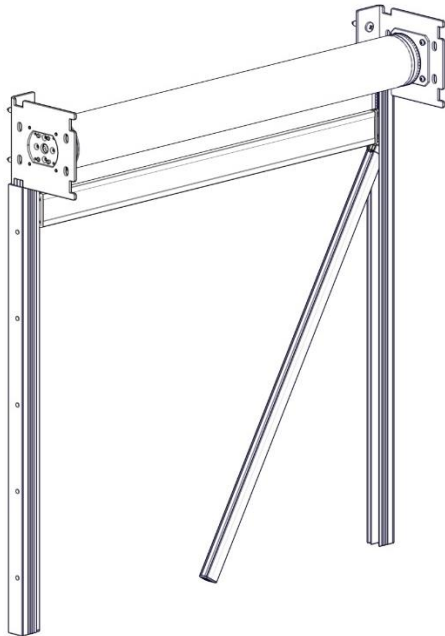


**STEP 3 – REMOVE STOPS FROM THE FUNNEL IN THE INNER RAILS**

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



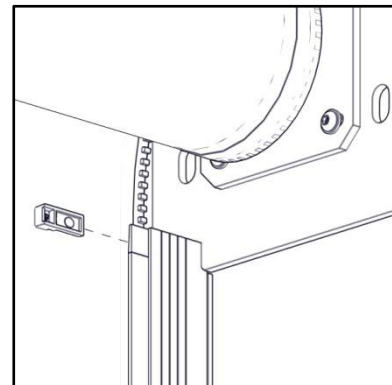
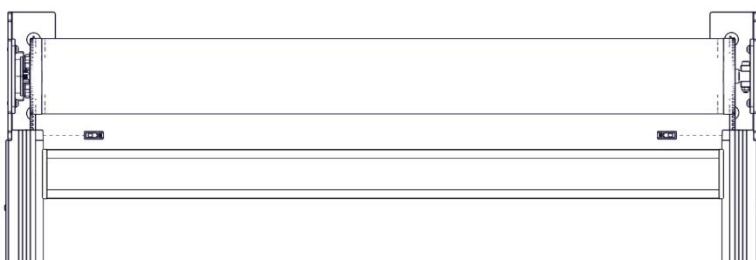
**STEP 4 – SWING INNER RAIL INTO THE U MOUNTING RAIL ON AN ANGLE**



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

NOTE: Repeat on opposite side.

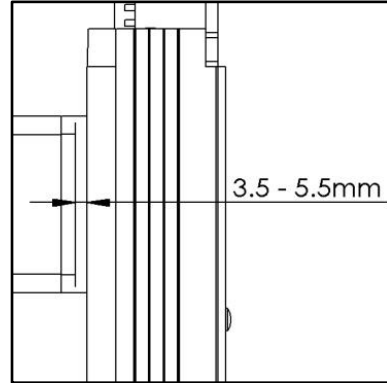
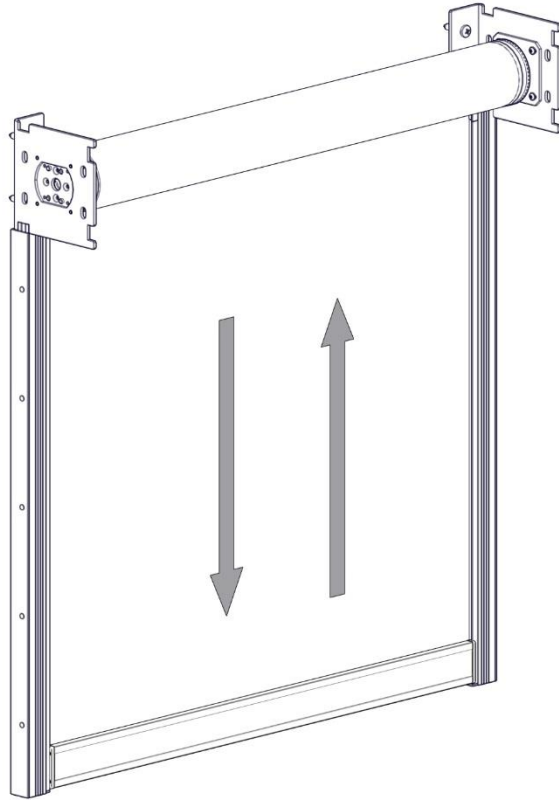
**STEP 5 – SECURE STOPS BACK INTO FUNNEL**



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



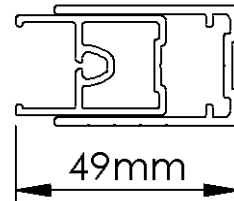
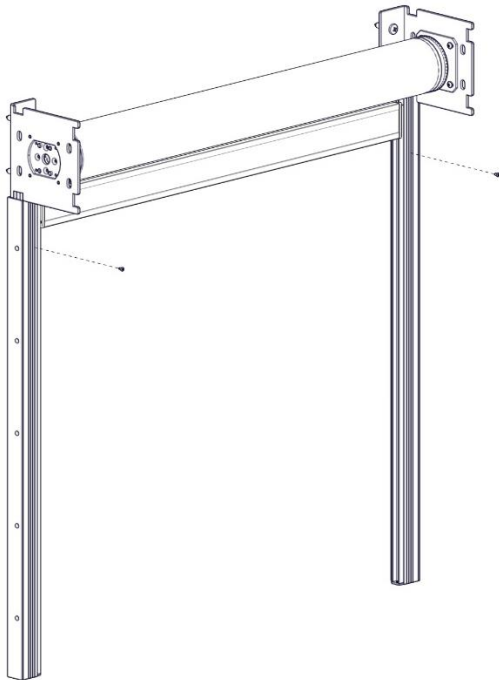
**STEP 6 – RUN BLIND UP AND DOWN TO ALLOW INNER RAIL TO MOVE INTO NATURAL POSITION**



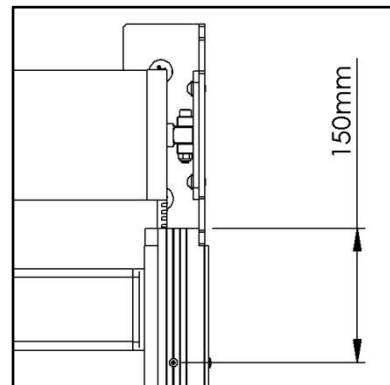
The distance between the weight bar end cap and the edge of the inner rail should always be between 3.5mm – 5.5mm.

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

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

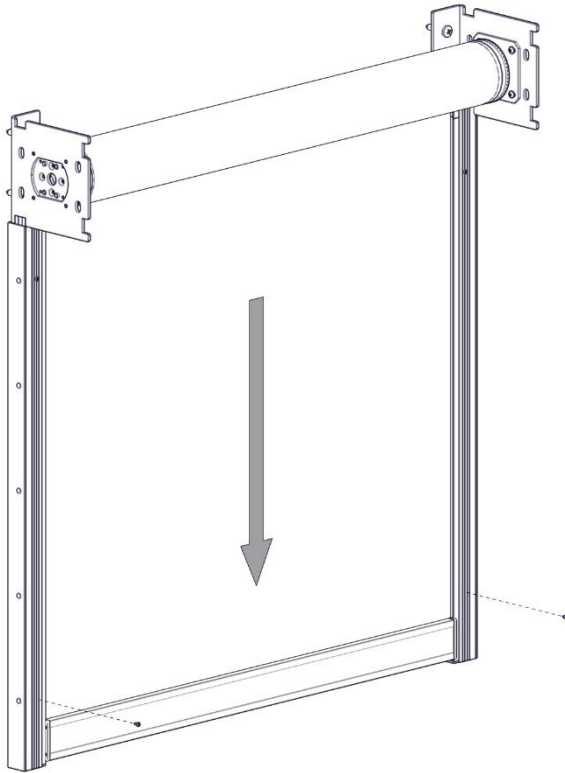


Screw/riquet Inner Rail at central position.

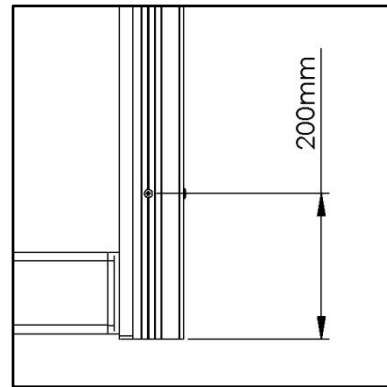
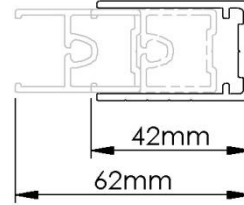


**STEP 8 – MOUNT SECOND FIXTURE INTO THE U-MOUNTING RAIL**

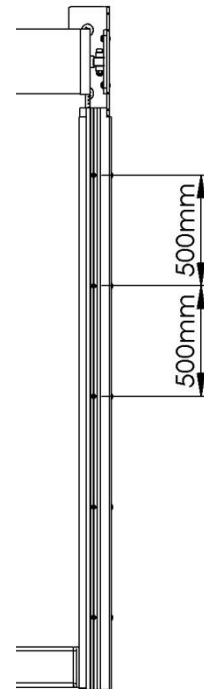
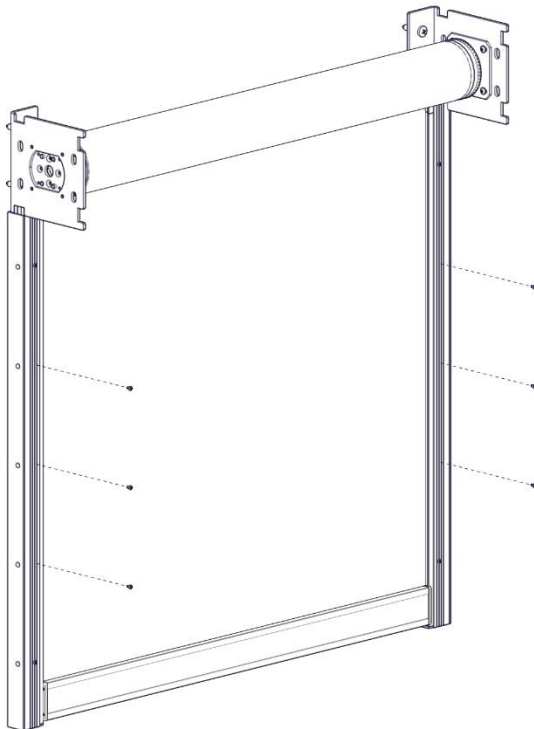
Run blind down and secure the Inner Rail at the bottom of the blind on both sides.



The overall dimension of the U Mounting Rail and Inner Rail must be between 42mm - 62mm.

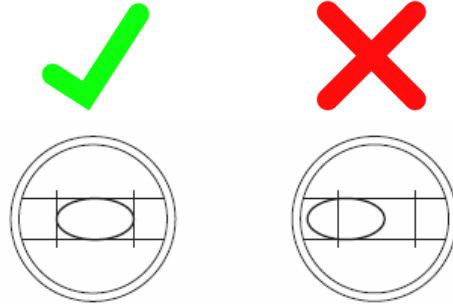
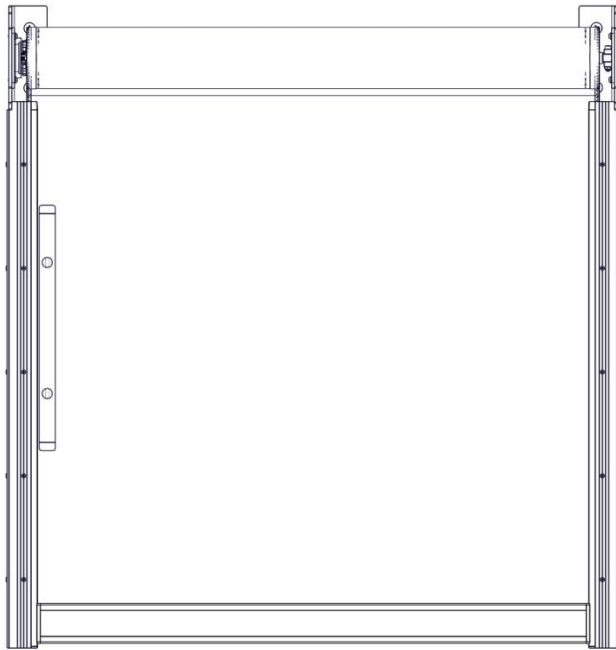


**STEP 9 – FIX REMAINING SIDE GUIDE SCREWS AND SECURE**

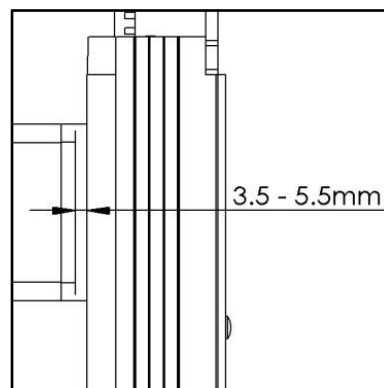
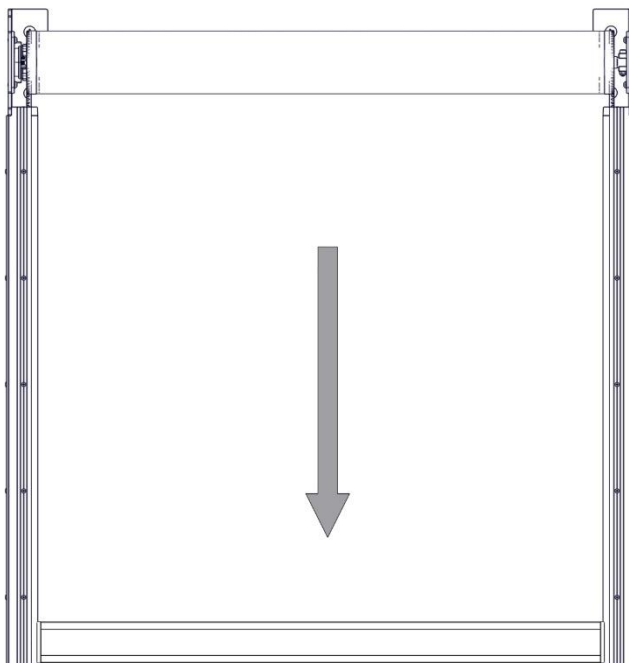


**STEP 10 – TEST OPERATION AND APPEARANCE OF BLIND**

Check the Inner Rails are level and parrallel.



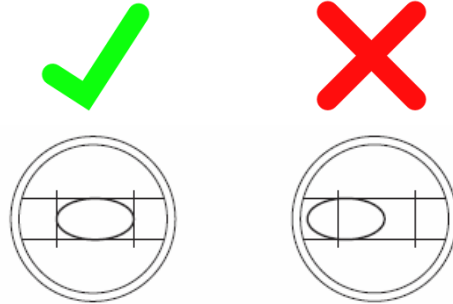
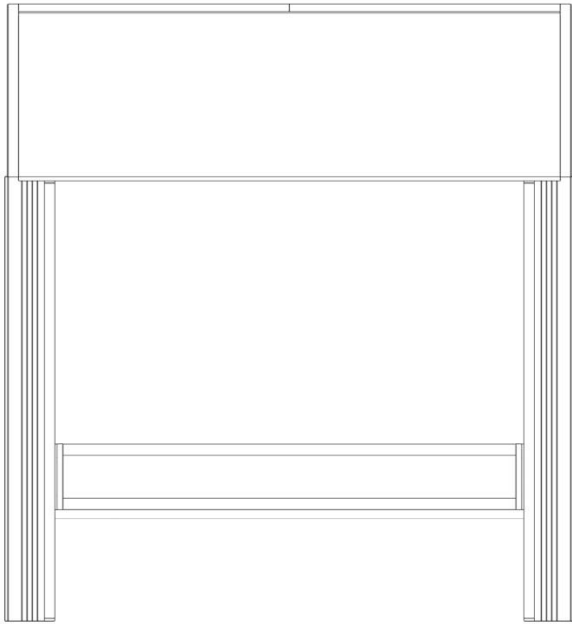
Run the blind down.



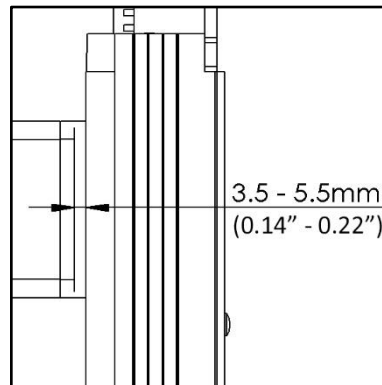
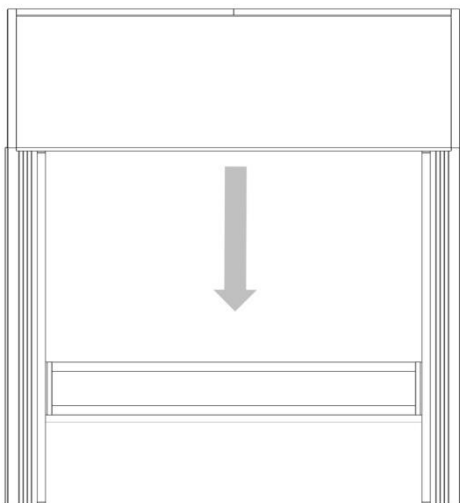
Check there is always 3.5 – 5.5mm gap between the edge of the weight bar end cap and the inner ail on both sides.

**STEP 10 – TEST OPERATION AND APPEARANCE OF SHADE – BOX 190**

Check the Inner Rails are level and parrallel.



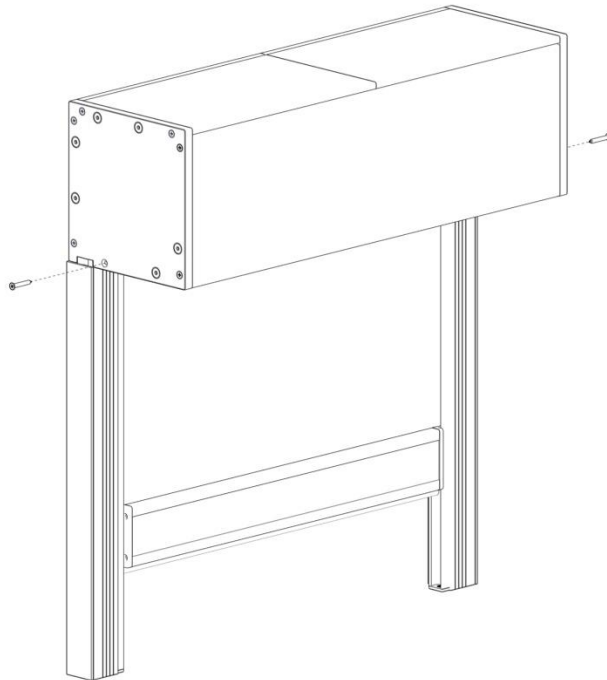
Run the shade down.



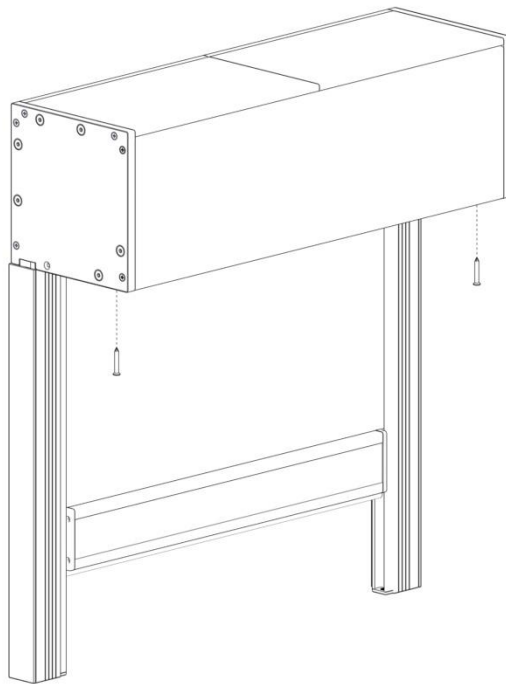
Check there is always 3.5mm (0.14") – 5.5mm (0.22") gap between the edge of the weight bar end cap and the inner ail on both sides.

**STEP 11 – BOX 190 FONT COVER FIXING**

**OPTIONAL FIXING POINTS DEPENDING ON INSTALLATION**

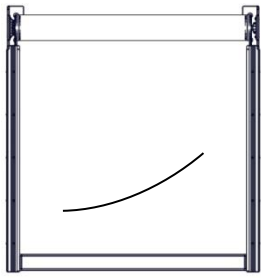
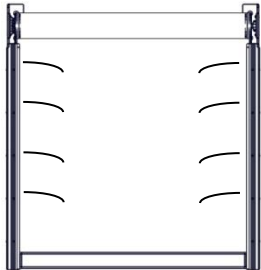


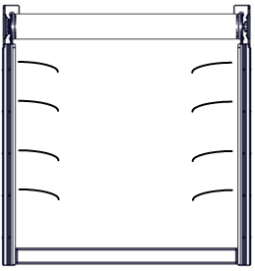
**NOTE: SELF TAPPING SCREWS REQUIRED**



**NOTE: SELF DRILLING SCREWS REQUIRED**

## SECTION 3 – TROUBLESHOOTING

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 	Blind rolled up for extended period of time.	This occurrence is inherent to roller systems and is more prevalent in some fabrics. Leave blind down for 1-4 hours – most ripples should disappear.
		Fabric not central to system.	Check fabric is centred with system (Section 2, Part B, Step 7)  If the fabric is not centred with the system, centre the fabric. The Side Rails may need to be removed to correct. Refer Section 2, Part B, Steps 7  If fabric cannot be centred, 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 blind width.  If the installation width does not match the measured blind width: - Correct installation width to match measured blind 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 blind 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, Section E, Part 3, Step 2 for welding tips.
4	Blind gets jammed half way down	Weight Bar End Cap hits Inner Rail.	<p>Check there is always 3.5-5.5mm 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 blind width</li> <li>- The Weight Bar Length is cut in accordance with the deductions outlined by Acmeda</li> </ul> <p>If the installation width does not match the measured blind width:</p> <ul style="list-style-type: none"> <li>- Correct installation width to match measured blind width</li> <li>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	Motorised blind jolts during operation	Motor rotates blind continuously whilst a wind gust causes additional friction in Inner Rail and stops blind momentarily. When force of wind is reduced, the additional friction is removed and blind drops.	This occurrence is inherent to the motorised system and no damage will be caused as a result. If undesired, avoid operating blind 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 blind to feed Zip	Weight Bar Length is too long.	<p>Check actual installation width dimension matches the measured blind width.</p> <p>If the installation width does not match the measured blind width:</p> <ul style="list-style-type: none"> <li>- Correct installation width to match measured blind width</li> <li>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>
		Inner Rail Length is too long.	Check actual installation drop dimension matches the measured blind 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.
		Motorised blind jolts during operation.	See Point 5.
		Zip Overturns on itself.	This occurrence is inherent to Zipscreen and there isn't currently a solution.