



Zipscreen

INSTALLATION MANUAL

v5.4 | January 2025

ZIPSCREEN®

CONTENTS

SECTION A TOOLS AND ADDITIONAL ITEMS REQUIRED	3
TOOLS REQUIRED	3
SECTION B PREPARATION	4
PRE-ASSEMBLED SHADE COMPONENTS	4
OPTIONAL ASSEMBLE SHADE ACCESSORIES	5
SECTION C INSTALLATION	6
MOUNTING ORIENTATION	6
BOX 120 / BOX 160 78MM TUBE	7
BOX 160 S100 TUBE	8
BOX 190 S100 TUBE	8
SPRING TENSION ADJUSTMENT	9
SHADE OPERATION	10
SIDE GUIDE INSTALLATION (FACE FIX ONLY)	11
SIDE GUIDE INSTALLATION U-MOUNTING RAIL	12
SIDE GUIDE INSTALLATION INNER RAIL	13
TEST OPERATION	15
BOX 120 / BOX 160 - INSTALL FRONT COVER	15
BOX 190 - INSTALL FRONT COVER	15
SECTION D OPERATION	16
ULTRA LOCK OPERATION	16
SECTION E ACCESSORIES	17
BOLT LOCK INSTALLATION	17
WALL MOUNTING CLIPS	17
SECTION F APPENDIX	18
MAX SPRING TURNS REFERENCE	18
REPLACE SPRING TENSIONER HEAD	19
MOTOR PROGRAMMING	20
SECTION G DOCUMENT CHANGE NOTES	23

DISCLAIMER

INTRODUCTION

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

DISCLAIMER

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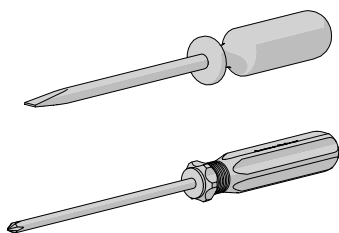
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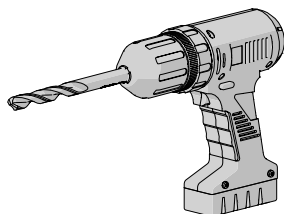
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TOOLS REQUIRED

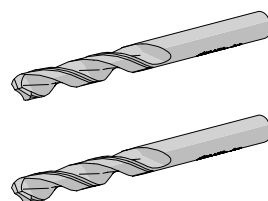
- 1** Phillips Head / Flat Head Screwdriver



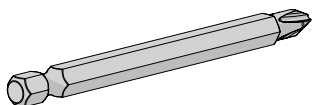
- 2** Drill



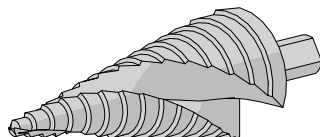
- 3** Drill Bits



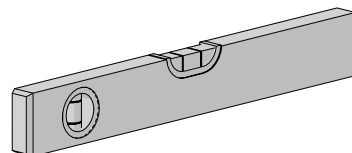
- 4** Hex Bit - 1/4"



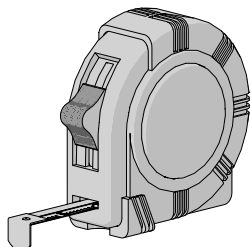
- 5** Step Drill



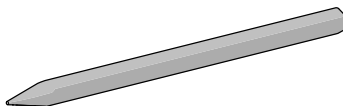
- 6** Spirit Level



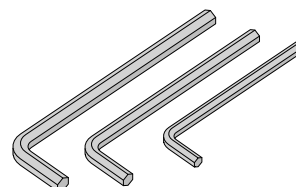
- 7** Measuring Tape



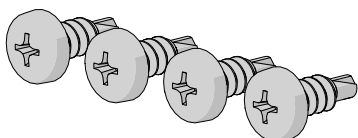
- 8** Pencil



- 9** Allen Key Set



- 10** Suitable Fasteners



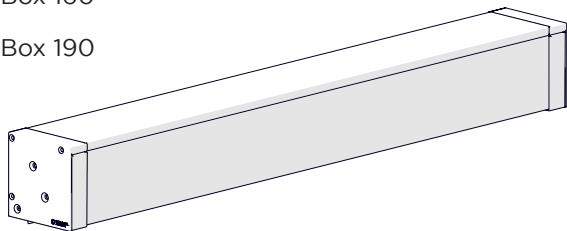
PRE-ASSEMBLED SHADE COMPONENTS

Note: Images shown below are indicative only and will vary with system requirements.

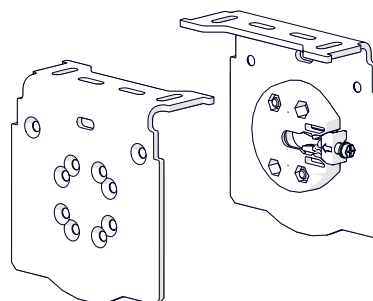
Box 120

Box 160

Box 190

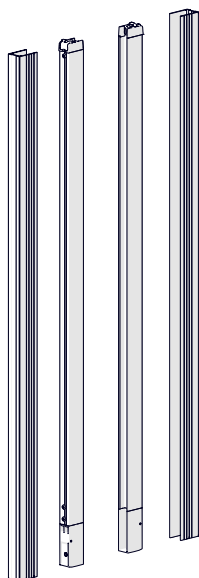


Open Brackets

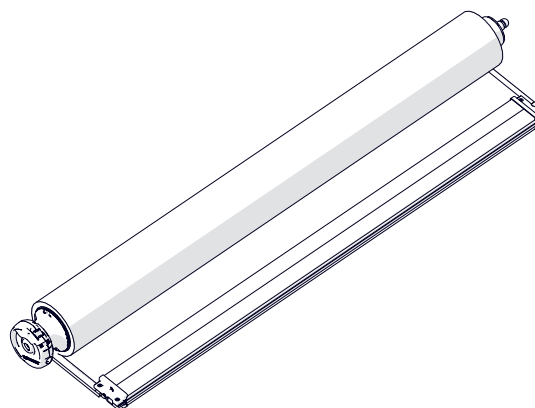


OR

Side Guide

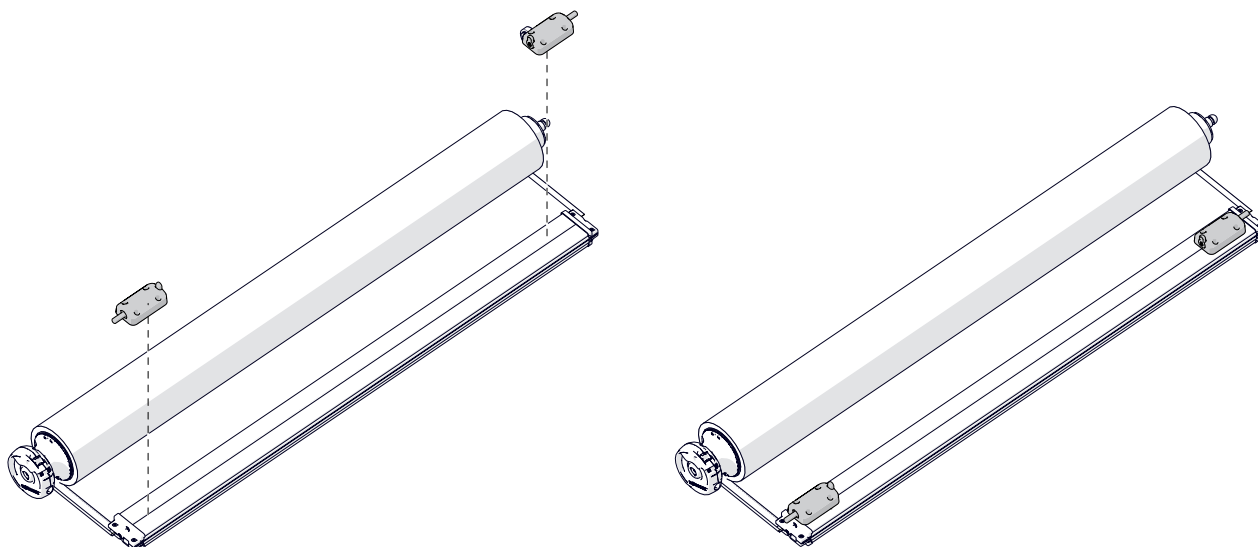


Blind

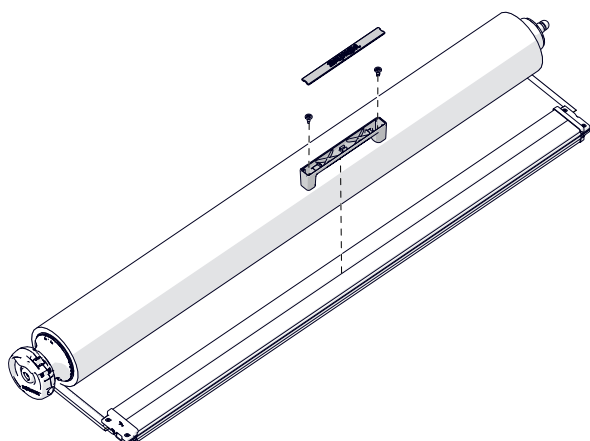


OPTIONAL | ASSEMBLE SHADE ACCESSORIES

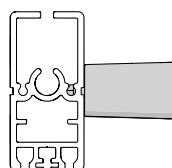
- 1** Attach bolt locks (if required)



- 2** (Only for spring operated blinds) - If required, secure handle to the middle of the weight bar.

**Option 1**

Centre of Weight Bar

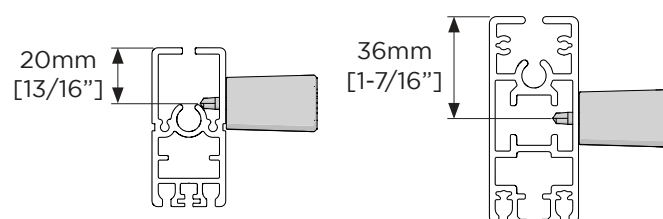
**NOTE**

Pre-drilling holes is required if locating through the F56 centre-line.

OR

Option 2

Offset the handle slightly to avoid pre-drilling.

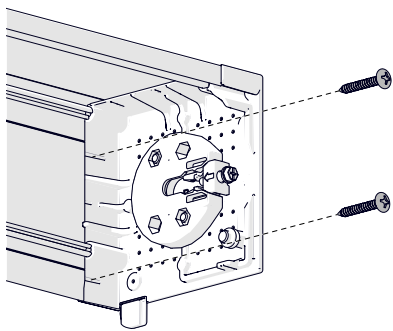
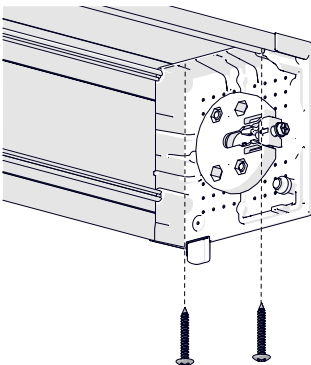
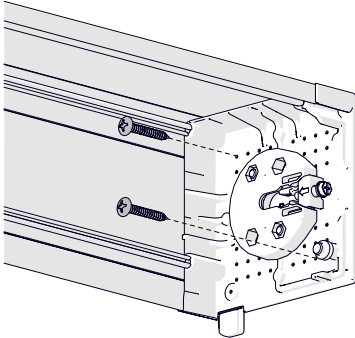
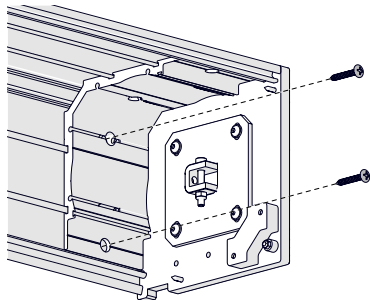
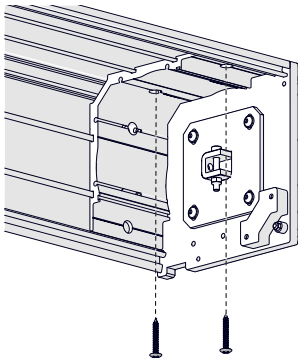
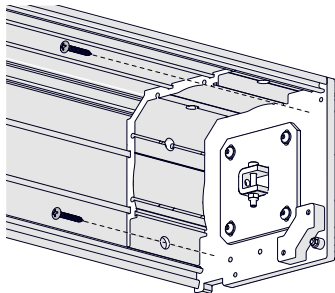
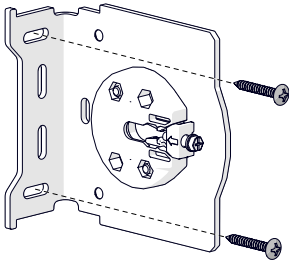
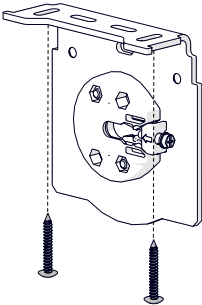
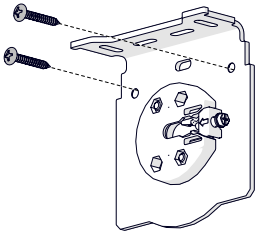
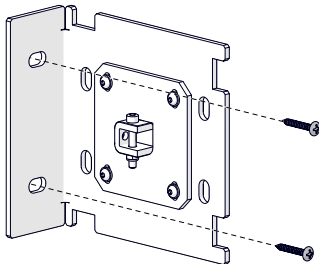
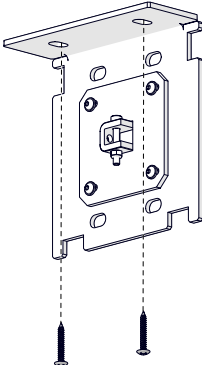
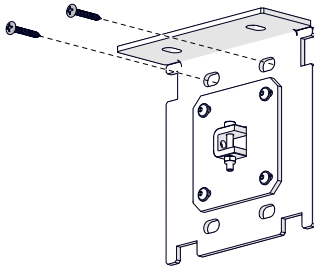


MOUNTING ORIENTATION

Use appropriate fasteners to install box/open brackets. Fasteners below are indicative only.

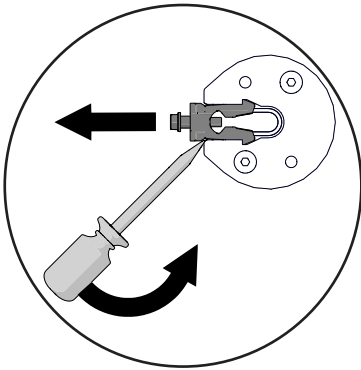
 NOTE

- Ensure brackets are level.
- Recommend pre-drilling holes in cassette brackets prior to installation.
- Pre-drill Ø22mm access hole for motor cable.
- Additional fasteners may be used to secure the Top / Back extrusion to prevent sagging / rattling.

FACE	CEILING	RECESS
		
		
		
		

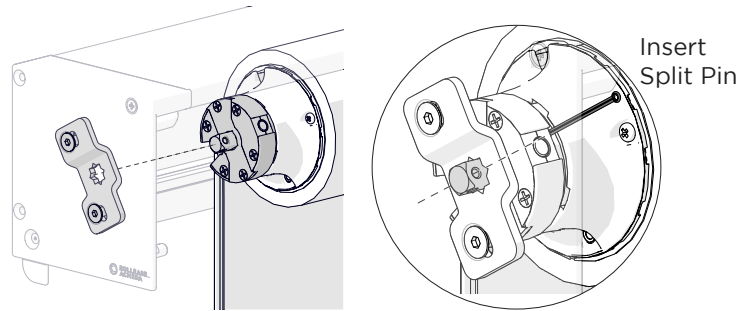
BOX 120 / BOX 160 | 78MM TUBE

- 1** Remove Retainer Clip in Bracket Adaptor

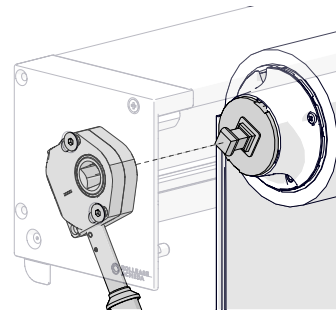


- 2** Insert shade into box (control end first)

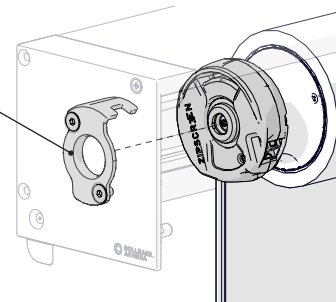
MOTOR



CRANK



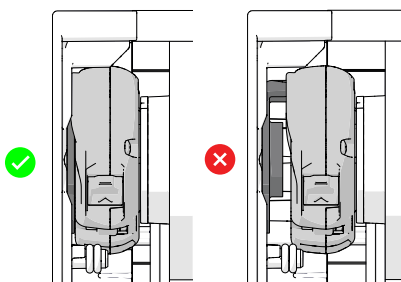
SPRING



NOTE

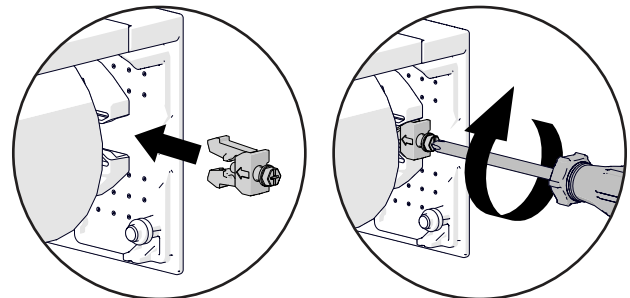
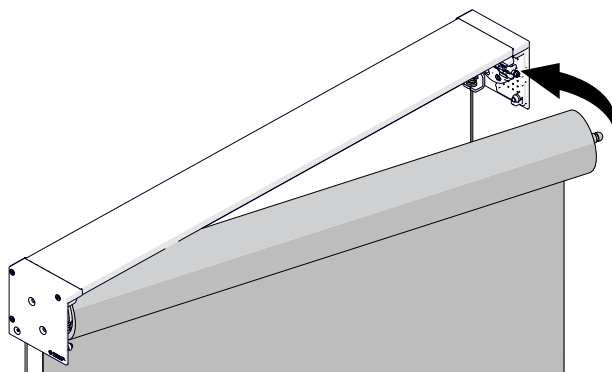
Align control hardware with bracket and ensure tube assembly is engaged.

NOTE



Ensure the spring tensioner head is fully engaged with the bracket adapter.

- 3** Align idler end and secure idler in place

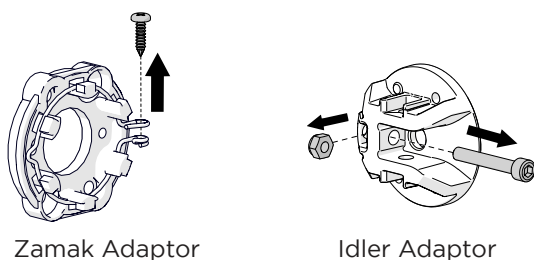


NOTE

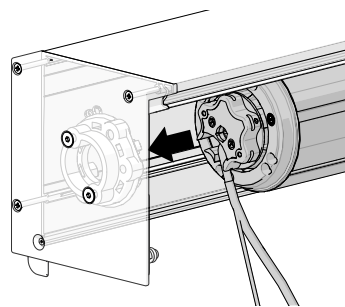
User effort will be required to push the Idler pin into the adapter, a noticeable “click” will indicate that the component is correctly located.

BOX 160 | S100 TUBE

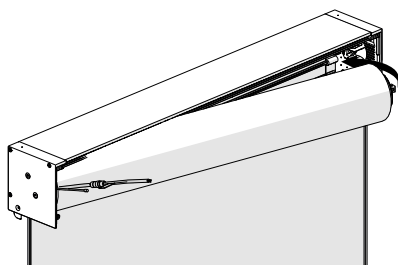
- 1** Remove screw from zamak adaptor and bolt from idler adaptor (ring can stay in place during motor assembly).



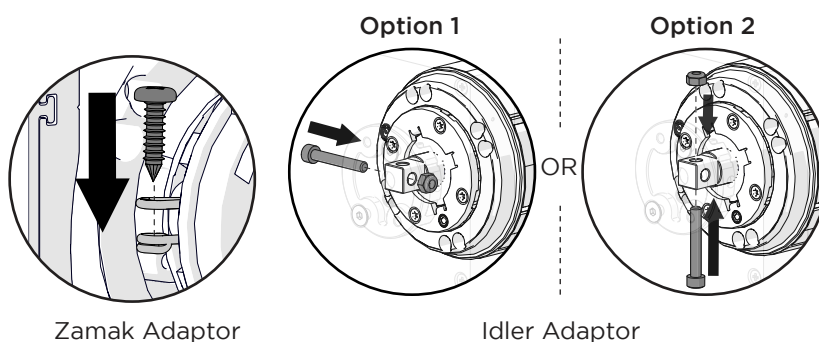
- 2** Mount shade to brackets (motor end first)



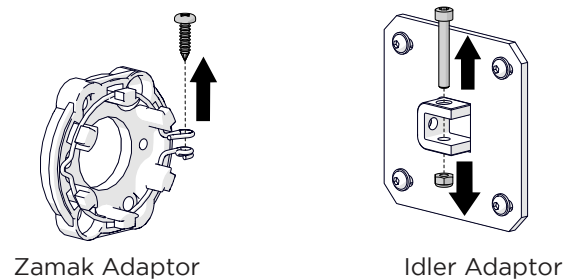
- 3** Align idler end and secure idler in place



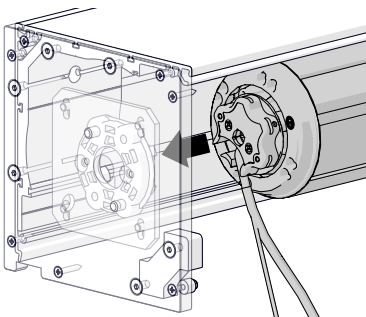
- 4** Fasten shade in place with fasteners removed in Step **1**

**BOX 190 | S100 TUBE**

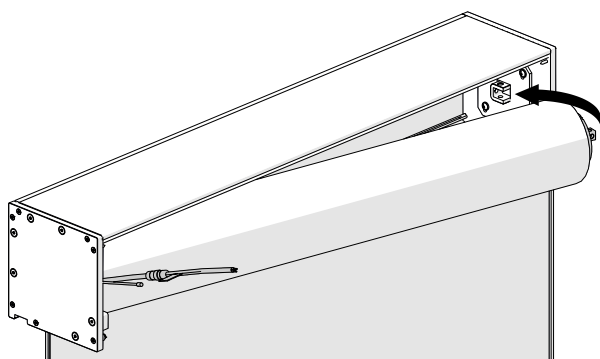
- 1** Remove screw from zamak adaptor and bolt from idler adaptor



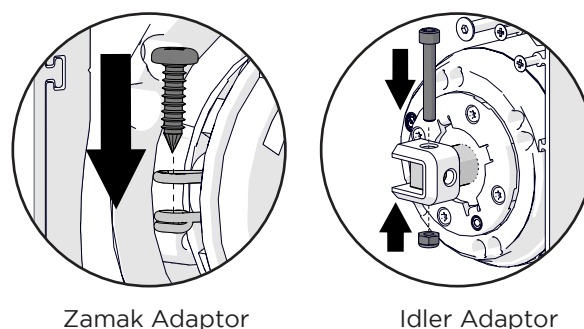
- 2** Mount shade to brackets (motor end first)



- 3** Align idler end and secure idler in place



- 4** Fasten shade in place with fasteners removed in Step **1**



SPRING TENSION ADJUSTMENT

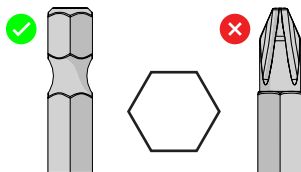
⚠ WARNING

Do not unlock the tensioner head before applying tension. The weight bar will fall to the ground.

Do not operate drill in reverse if pin has not been activated.
(see step 2)

DO NOT use an impact driver.

⚠ NOTE



Use a drill with a 1/4" Hex Bit.

⚠ NOTE

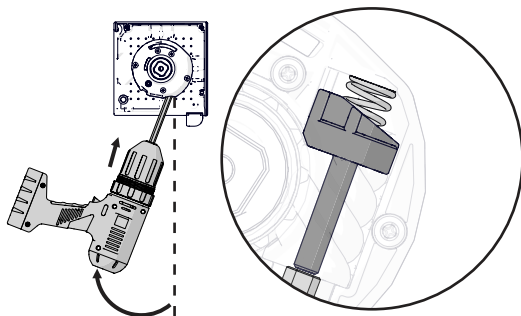
Ensure drill bit inserts on correct angle - it will engage smoothly when correct.

Ensure the drill bit is 'pushing' up the internal lock before rotating.

Lock the tensioner head before attempting to remove the blind.

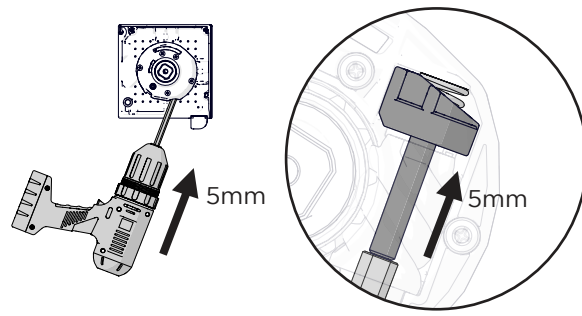
1 INSERT DRILL

with a 1/4" Hex bit - it will engage smoothly on correct angle.



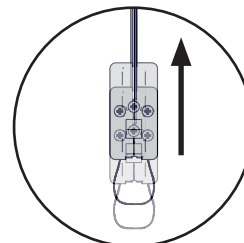
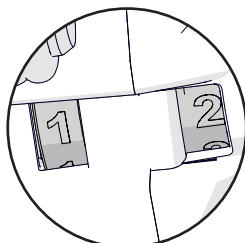
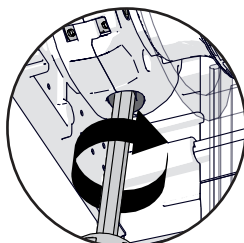
2 ACTIVATE PIN

Push against the spring loaded pin prior to adding or removing tension.



3 ADD OR REMOVE SPRING TENSION

Engage drill clockwise to apply tension. Anticlockwise will remove tension. The weight bar will move up slightly when enough pre-turns have been applied. Tension can be adjusted at any time, even while unlocked.



⚠ WARNING

Recommend to use the drill's slip clutch mechanism to prevent accidental damage. If you hear clicking in clockwise, the drill has not been pushed in correctly.

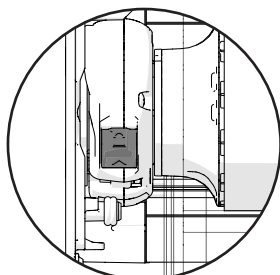
4 UNLOCK SPRING TO OPERATE SHADE

Push grey lock to the unlocked position. The lock button will remain fully retracted.

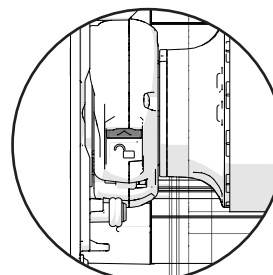
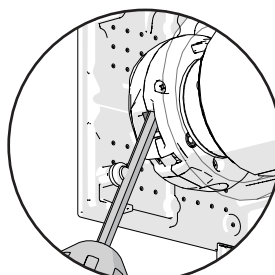
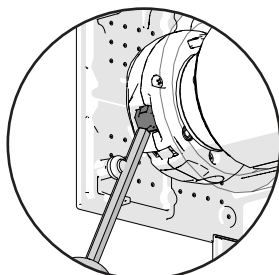
⚠ WARNING

LOCK SPRING TO REMOVE SHADE

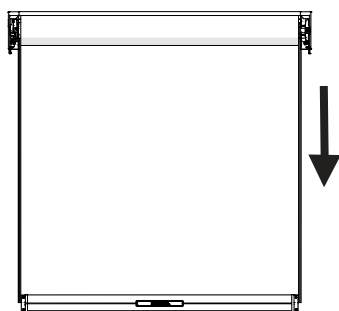
Push grey lock again, tube may require 1/4 turn to re-engage locked position.



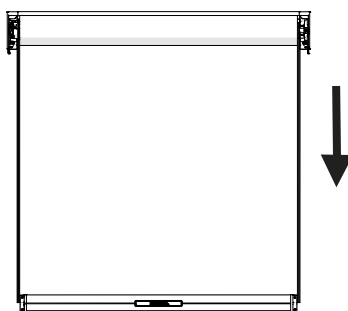
Locked



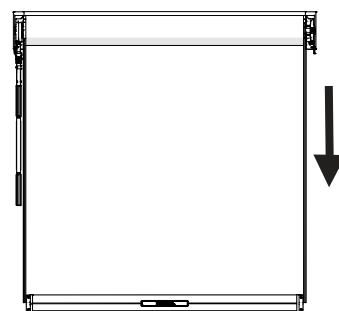
Unlocked

SHADE OPERATION**2** Run shade down**SPRING****! NOTE**

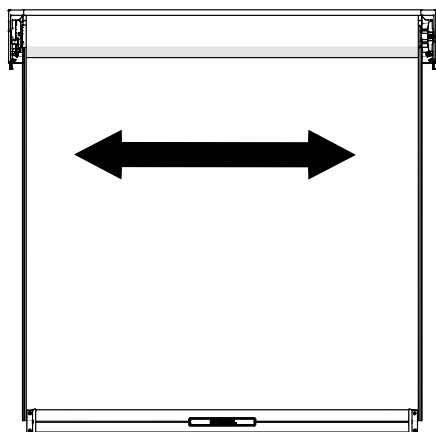
Blind should creep up slowly when pulled down. Refer to the spring tension adjustment section.

MOTOR**! NOTE**

Refer to appendix for pairing remote to motor and check operation.

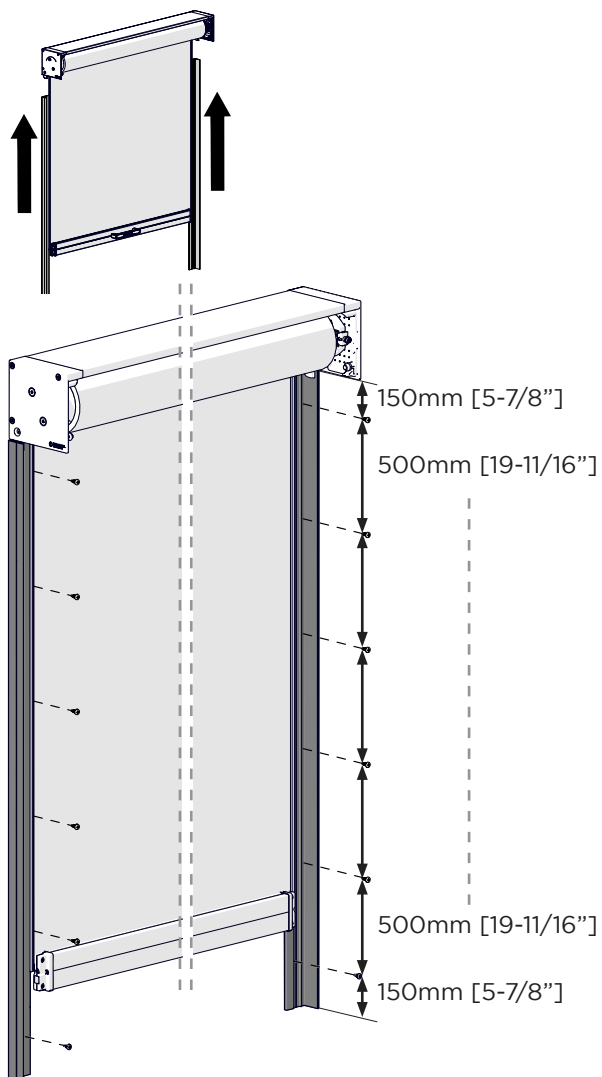
CRANK**! NOTE**

Ensure operation is smooth.

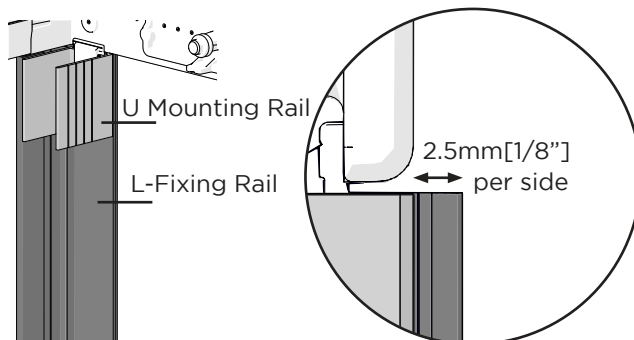
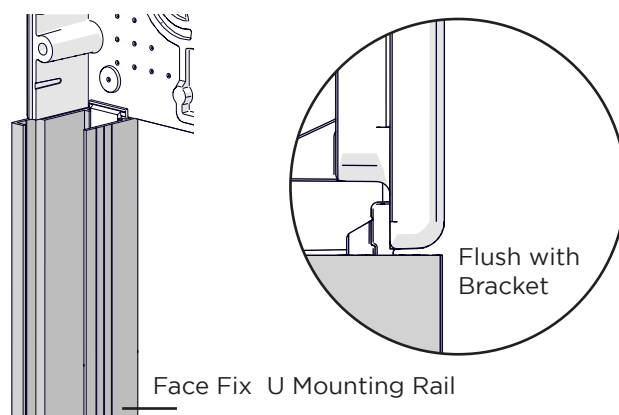
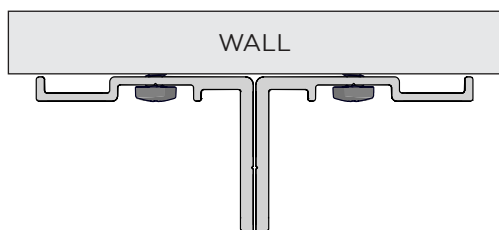
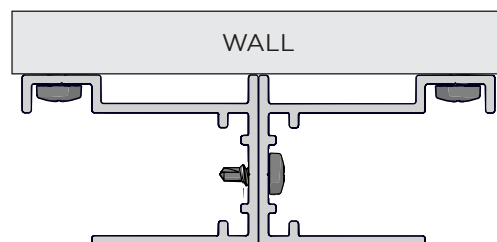
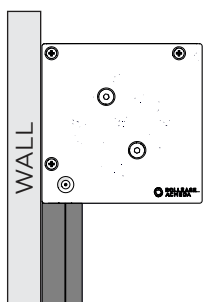
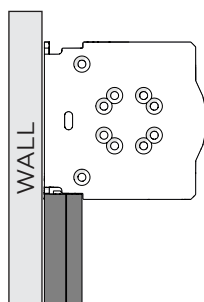
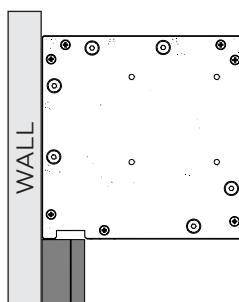
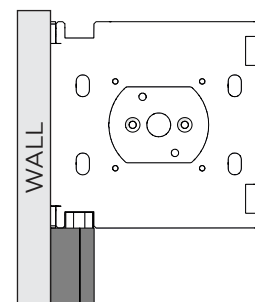
3 Ensure fabric is centered to the brackets

SIDE GUIDE INSTALLATION | (FACE FIX ONLY)

- 1** Mount Rail to wall on both sides

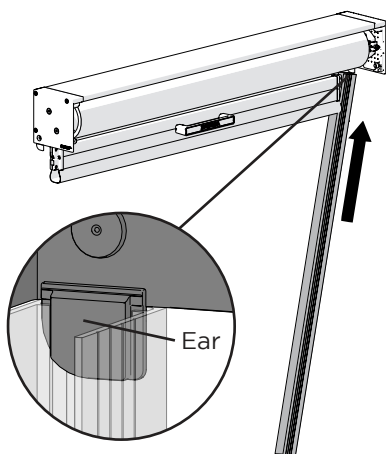
**L FIXING RAIL**

Use an off cut of the U mounting rail to install the L-fixing rail at the correct distance from the end plate.

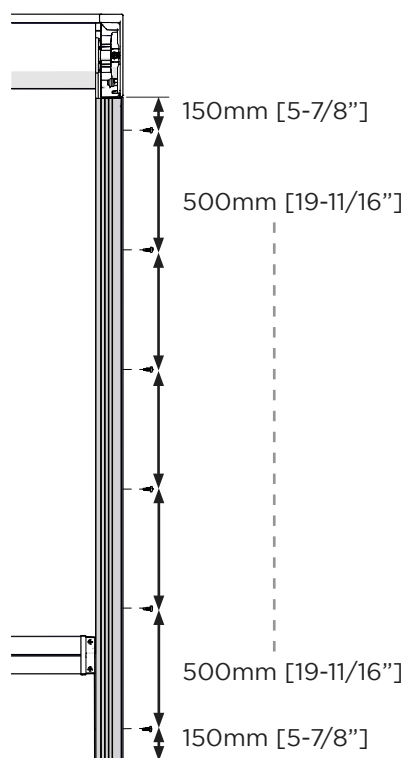
**FACE FIX U MOUNTING RAIL****L FIXING RAIL****FACE FIX U MOUNTING RAIL****BOX 120 / BOX 160****OPEN BRACKET****BOX 190****EXTREME OPEN BRACKET**

SIDE GUIDE INSTALLATION | U-MOUNTING RAIL

1 Insert and secure U-Mounting rail

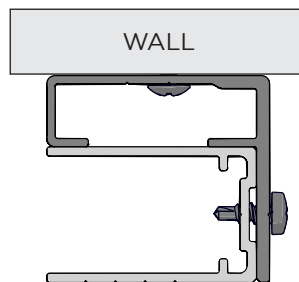


Locate ear of end plate with U-mounting rail

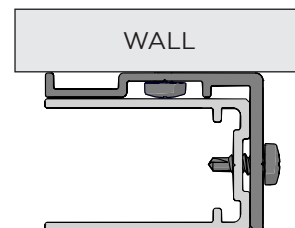


FACE FIX | U-Mounting Rail + L-Fixing Rail

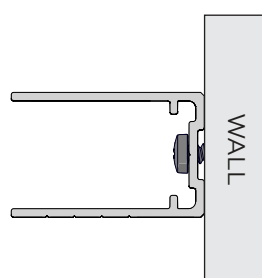
BOX 160 / BOX 190



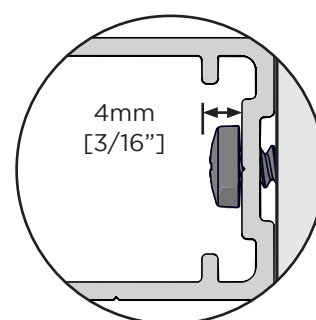
BOX 120



RECESS FIX | Recess Fix U-Mounting Rail

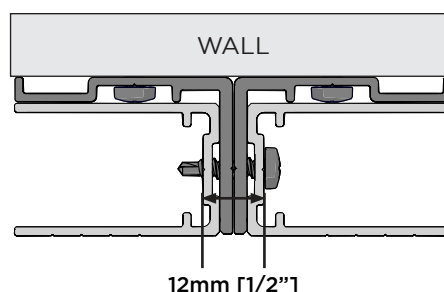


Maximum screw protrusion



SIDE BY SIDE

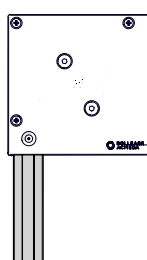
BOX 120 EXAMPLE



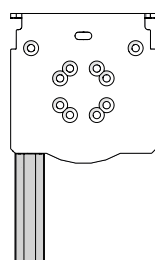
Assemble U-Mounting Rails with appropriate fastener

U-MOUNTING RAIL

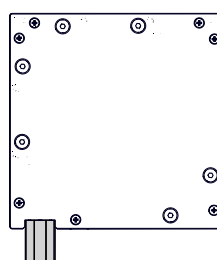
BOX 120 / BOX 160



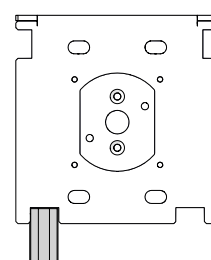
OPEN BRACKET



BOX 190

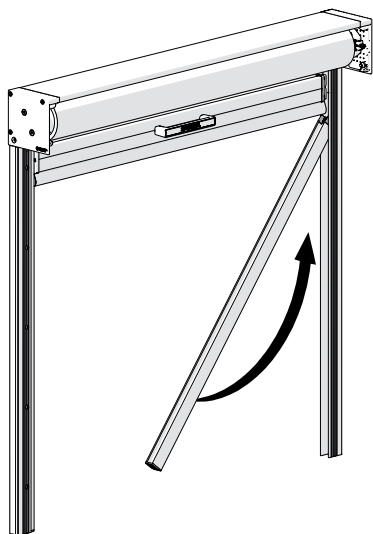


EXTREME OPEN BRACKET

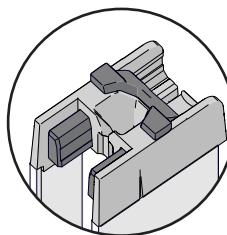


SIDE GUIDE INSTALLATION | INNER RAIL

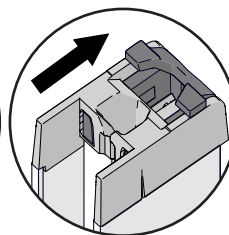
- 1** Insert the Inner Rail into the U-Mounting Rail



NOTE

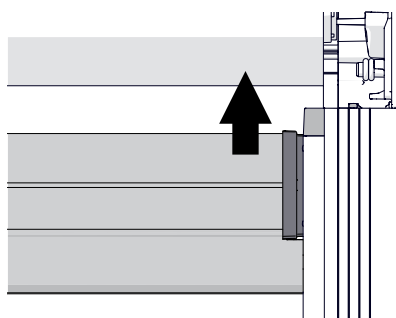


Locked

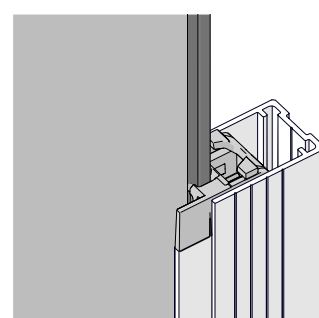


Unlocked

Ensure Top Stop is in Unlocked position

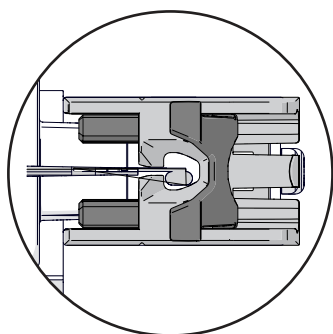
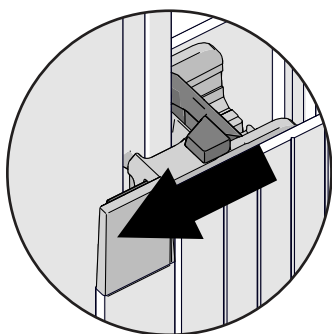


Lift weight bar up as much as possible as the Inner Rail is angled in to collect the zip.

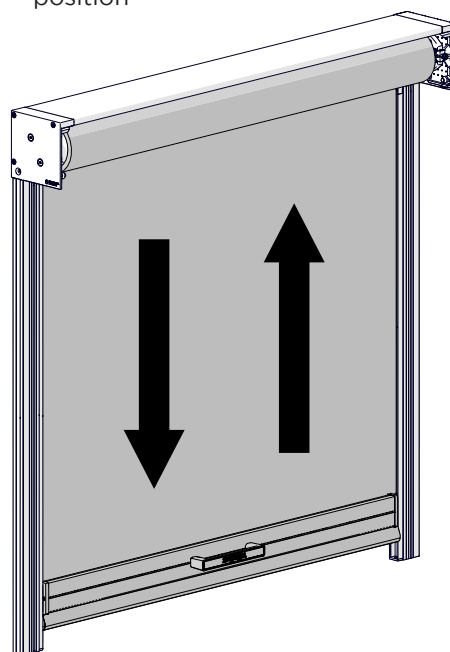


Feed zip into inner Rail Funnel while aligning with U-Mounting Rail.

- 2** Push the inner rail stops to lock in position

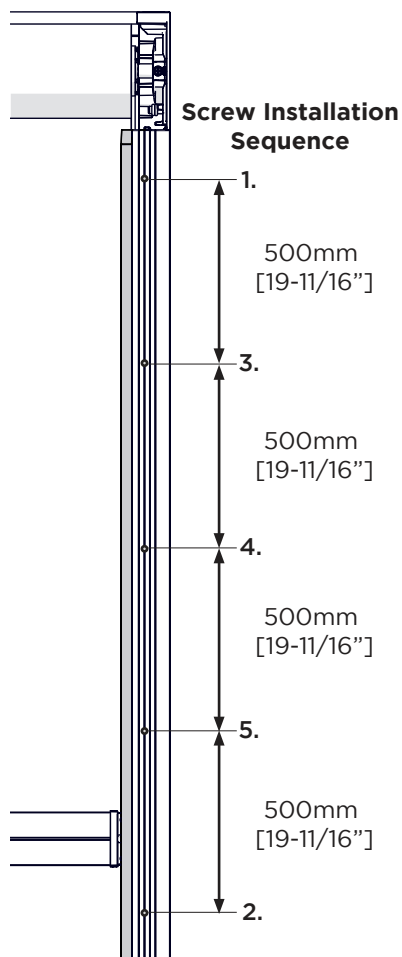


- 3** Run shade up and down multiple times to allow inner rail to move into natural position



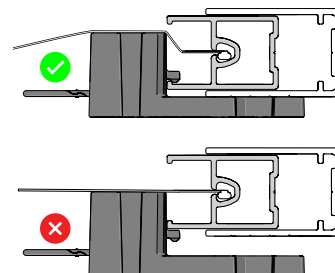
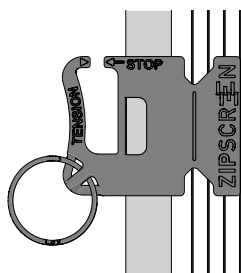
SIDE GUIDE INSTALLATION | INNER RAIL

- 3** 1. Lower the weight bar and clip the alignment tool onto the inner rail.
 2. Push the lever to apply tension. If the lever reaches the "STOP" mark, reduce the tension. The lever acts a guide only and required tension will vary depending on shade size. DO NOT pull the Inner Rails tight as this will create excess friction preventing smooth operation.
 3. Locate the screw in the notch and fasten while maintaining tension.
 4. Slide the alignment tool to the next screw installation sequence (MAX 500mm spacing), check operation at each stage.

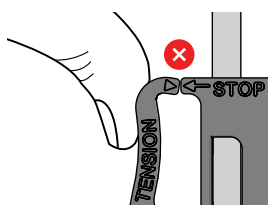
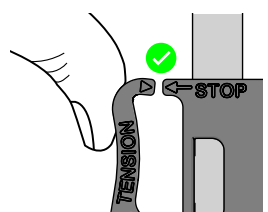


INNER RAIL ALIGNMENT TOOL

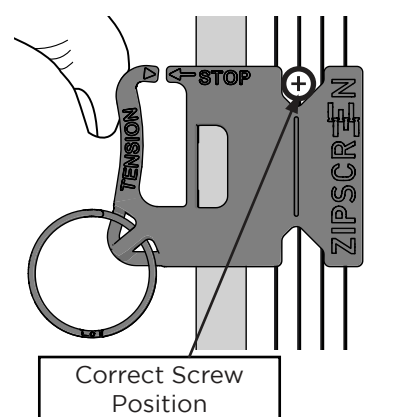
1. Clip the tool to Inner Rail



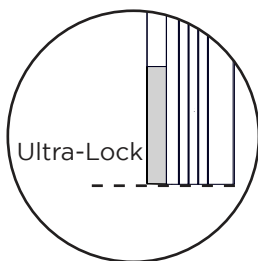
2. Apply Tension



3. Secure Screw



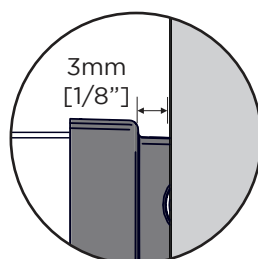
NOTE



Ensure the Lock Housings are perfectly level. Test this by lowering the weight bar into the Ultra-Lock housings (both pins should click at the same time). Adjust position of Inner Rails as required.



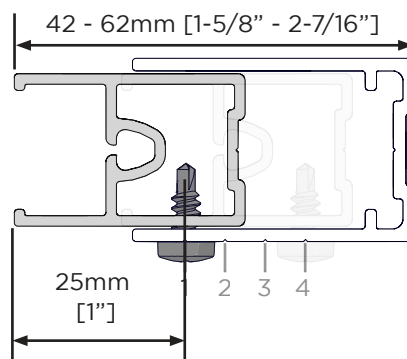
NOTE



The distance between the weight bar end cap and the edge of the inner rail should always be approximately 3mm [1/8\"/>



NOTE

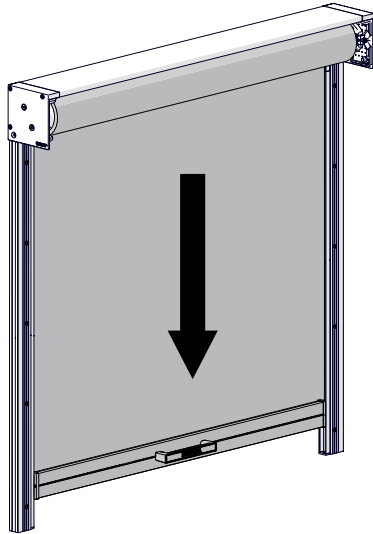


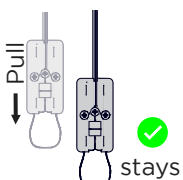
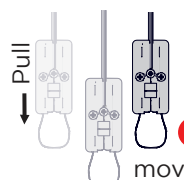
The overall dimension of the U-Mounting Rail and Inner Rail must be between 42mm - 62mm.

Note: Screw position shown above is not to scale (only for illustration purpose)

TEST OPERATION

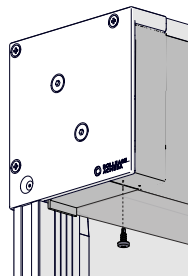
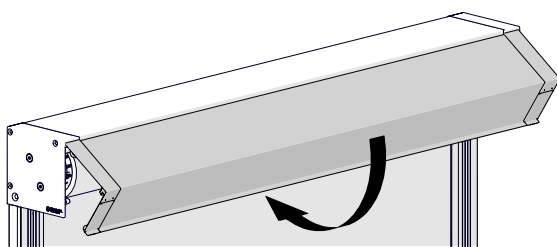
- 1 Test operation and appearance of shade



 SPRING CONTROL CHECK		
Balanced  Pull ↓ stays	Not Balanced  Pull ↓ moves	Pull weight bar down slightly to check if shade is balanced. The weight bar should stay at the same position upon release. Refer to Spring Tension Adjustment for tuning.

BOX 120 / BOX 160 - INSTALL FRONT COVER

- 1 Install front cover and fasten in place. Ensure front cover is secured correctly along the entire length.

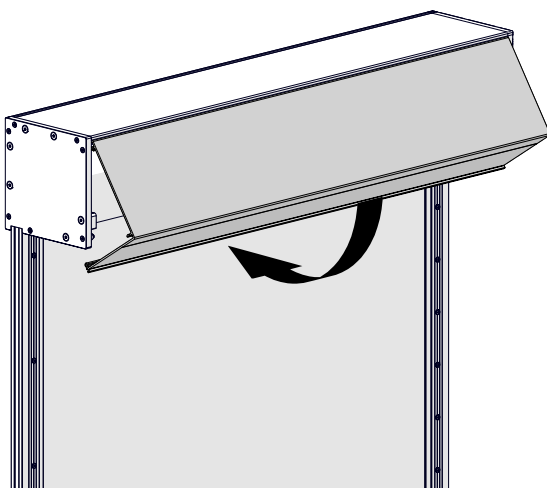


NOTE

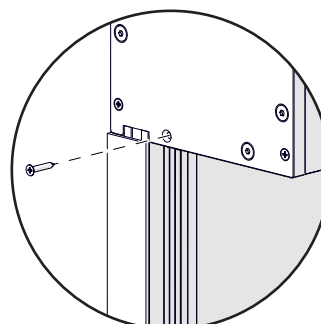
- Always secure the front cover with a screw at each end. There is a dimple on the End Plate Cover to ensure correct position.
- Do not force cover closed, ensure End Plates are engaging correctly

BOX 190 - INSTALL FRONT COVER

- 1 Install front cover and fasten in place. Ensure front cover is secured correctly along the entire length.

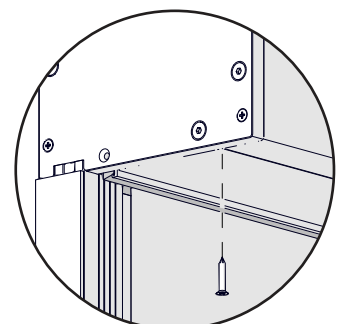


OPTION 1 (FACE FIX):



Self tapping screws are required

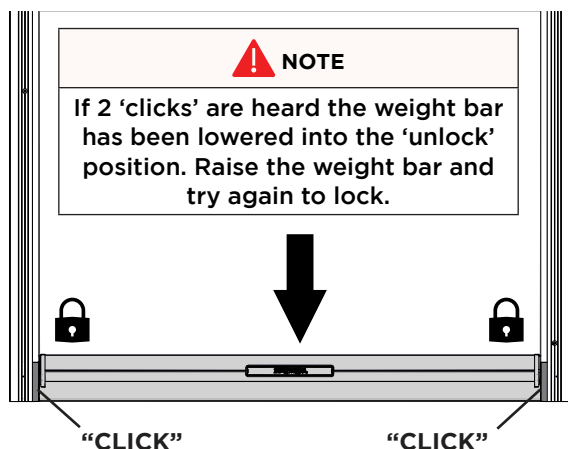
OPTION 2 (FACE OR SIDE FIX):



Position the screw 7-8mm from the end of the extrusion. Pre-drilling into the aluminium block may be required.

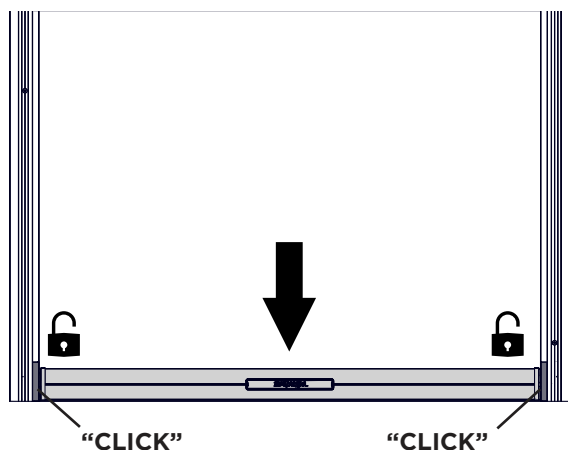
ULTRA LOCK OPERATION | LOCK

- 1 Lower shade until you hear the both pins click once

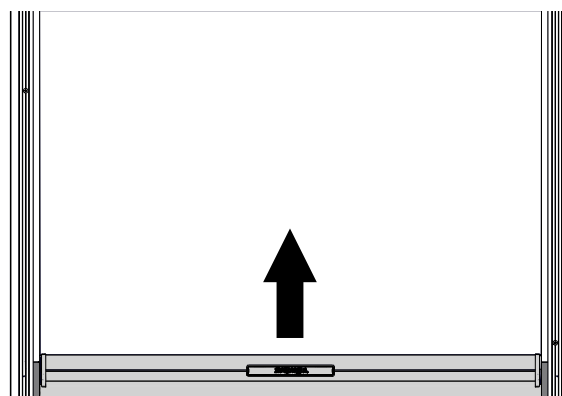


ULTRA LOCK OPERATION | UNLOCK

- 1 Lower shade until you hear the lock click

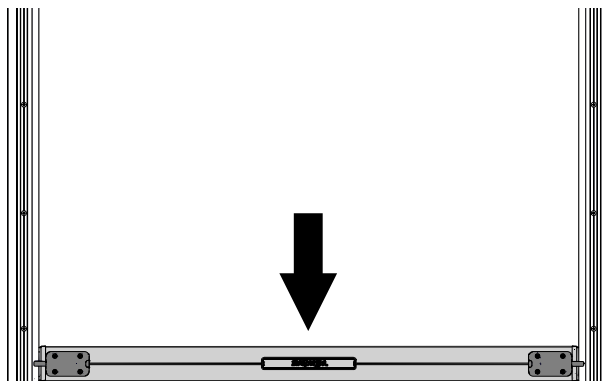


- 2 Raise the weight bar

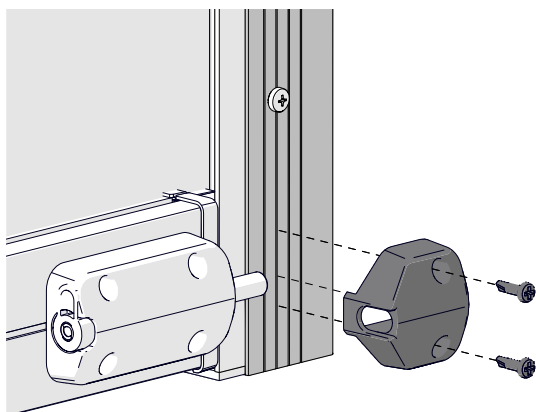


BOLT LOCK INSTALLATION

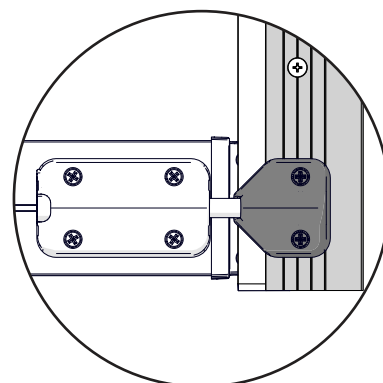
- 1 Lower weight bar and secure the latch to weight bar



- 2 Align weight bar with bottom limit and secure latch to U-Mounting Rail on both sides



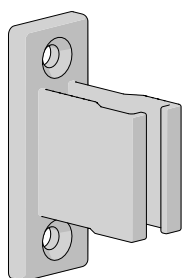
NOTE



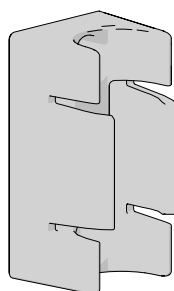
Align lip of latch to Inner Rail

WALL MOUNTING CLIPS

Secure to an appropriate location to store the Crank Handle or the Pull Stick.



Crank Handle Clip



Pull Stick Wall Clip

MAX SPRING TURNS REFERENCE

A spring has a maximum number of turns to ensure longevity.

The 'total turns' of a spring is the sum of the # of tube turns & the # of pre-turns applied.

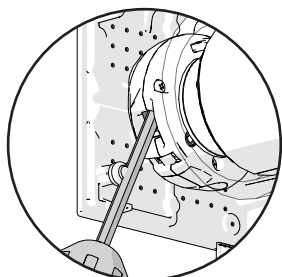
e.g. for a COMPACT spring on a 2.4m drop blind, do not apply more than 16 pre-turns.

SPRING MAX PRE-TURNS @ DROP				
DROP		# TUBE TURNS	SPRING	
[m]	[in]		COM LGT	STD HD XHD UHD
0.6	24	2	23	31
0.8	31	3	22	30
1.0	39	4	21	29
1.2	47	4	21	29
1.4	55	5	20	28
1.6	63	6	19	27
1.8	71	7	18	26
2.0	79	7	18	26
2.2	87	8	17	25
2.4	94	9	16	24
2.6	102	9	16	24
2.8	110	10	15	23
3.0	118	11	14	22
3.2	126	11	14	22
3.4	134	12	13	21
3.6	142	12	13	21
3.8	150	13	12	20
4.0	157	14	11	19

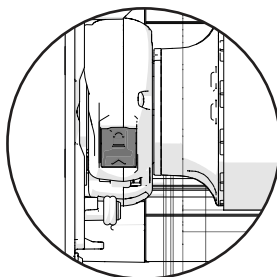
REPLACE SPRING TENSIONER HEAD

1 LOCK SPRING AND REMOVE SHADE

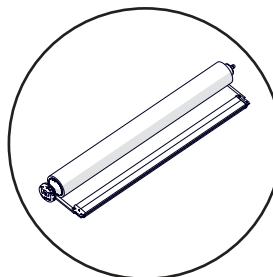
Push grey lock, tube may require 1/4 turn to re-engage locked position.



Press & Release Lock



Locked



Shade Removed

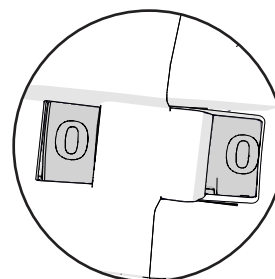
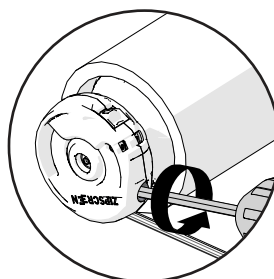
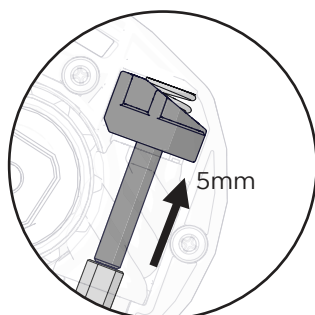
2 REMOVE SPRING TENSION

Engage drill anti-clockwise with a 1/4" Hex bit to remove tension.



NOTE

Push against the spring loaded pin prior to removing tension.

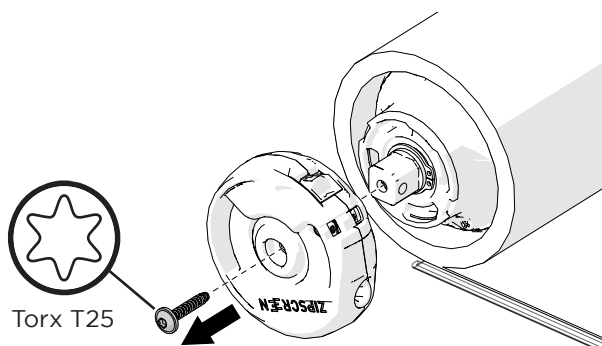


WARNING

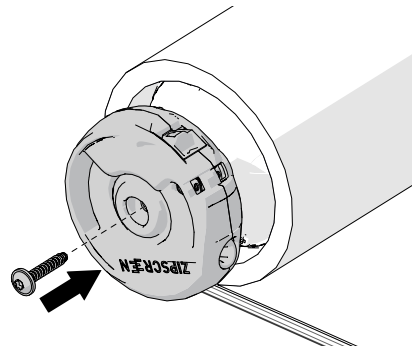
If the spring tensioner head is removed under tension, the spring will rapidly unwind and this may cause damage to the spring.

3 REMOVE SPRING HEAD

Use Torx T25 bit to remove spring head.



4 REPLACE SPRING HEAD



MOTOR PROGRAMMING

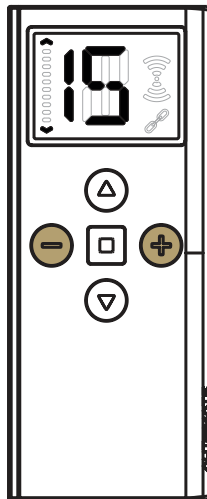


Scan this QR code to download
FT Motor programming instructions

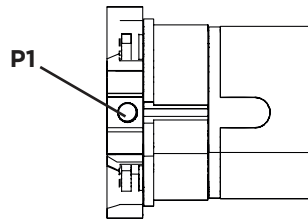


Scan this QR code to watch our
FT Motor programming guide

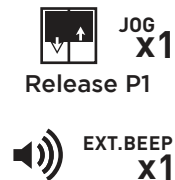
- 1** Select channel on controller



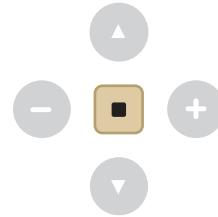
- 2** Hold P1 button on motor



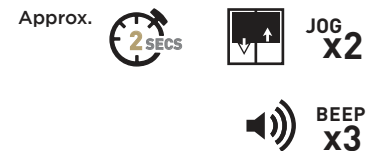
Motor Response:



- 3** Hold STOP on controller



Motor Response:



CHECK FOR MOTOR DIRECTION

- 1** To check travel direction of shade, press UP or DOWN on controller.



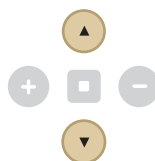
Quick press = Step
Long Press = Continuous Travel



IMPORTANT

Damage to shade may occur
when operating motor
prior to setting limits.
Attention should be given.

- 2** To reverse shade direction, hold both UP and DOWN. Until the motor responds.



Motor Response:

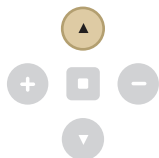


IMPORTANT

Motor direction reversal is
only possible during initial
setup.

SET UPPER LIMIT

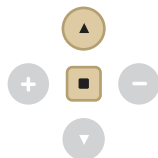
- 1 Move shade to the desired highest position by pressing the UP button on controller



IMPORTANT

Cycle shade up and down prior to setting limits to settle fabric.

- 2 To save upper limit, hold UP and STOP



Motor Response:

Approx.



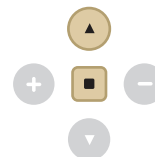
JOG X2



BEEP X3



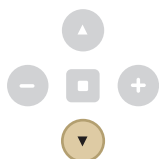
ADJUST UPPER LIMIT



Hold UP & STOP together for 5 seconds to enter top limit adjustment mode. Then repeat Steps 1 and 2

SET LOWER LIMIT

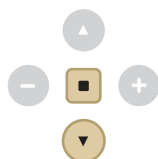
- 1 Move shade to the desired lowest position by pressing the DOWN button on controller



IMPORTANT (Ultra-Lock)

- The motor lower limit must be set correctly between the locking & unlocking position.
- Jog the motor down to find the lock position (Jog until you hear BOTH pins click), then set the lower limit.

- 2 To save lower limit, hold DOWN and STOP



Motor Response:

Approx.



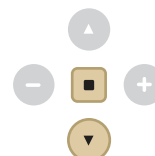
JOG X2



BEEP X3



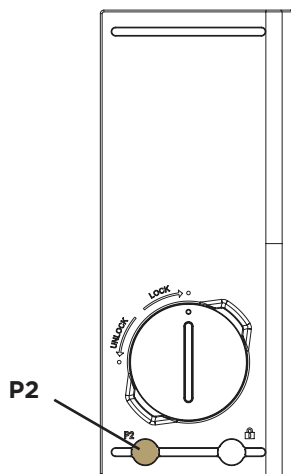
ADJUST LOWER LIMIT



Hold DOWN & STOP together for 5 seconds to enter top limit adjustment mode. Then repeat Steps 1 and 2

ACTIVATE FABRIC TENSION MODE (FOR ULTRA-LOCK)

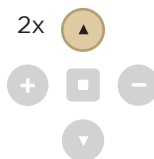
- 1** Press P2 on controller



NOTE

- Once the bottom limit is set, FT Mode will need to be activated to operate the Ultra-Lock.

- 2** Press UP on controller two times



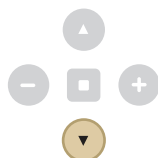
FT Mode - Motor Response:



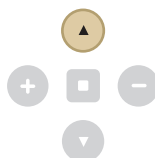
No FT Mode - Motor Response:

**ULTRA LOCK OPERATION****LOCK**

Press DOWN on the controller. The motor will lower the weight bar to the set bottom limit, then automatically tension the fabric.

**UNLOCK**

Press UP on the controller. The motor will lower the weight bar past the bottom limit to unlock, then raise the weight bar, continuing to the upper limit.



IMPORTANT

Make sure that the FT mode is turned ON while locking and unlocking the blind.

SECTION G | DOCUMENT CHANGE NOTES

REVISION	CHANGES
v5.0 September 2023	Combined Zipscreen & Zipscreen Extreme Manuals. Updates throughout relating to Zipscreen Top Hardware upgrade.
v5.1 February 2024	Clarified spring installation notes.
v5.2 August 2024	Added Box 160 hardware.
v5.3 October 2024	Added “Replace spring tensioner head” section in Appendix.
v5.4 January 2025	Removed white string reference from Box 160.