



Zipscreen

ASSEMBLY MANUAL

v4.4 | June 2025

ZIPSCREEN®

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DISCLAIMER

INTRODUCTION

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

DISCLAIMER

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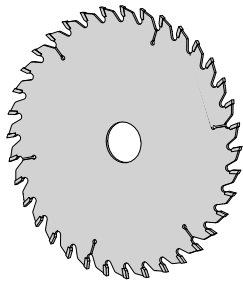
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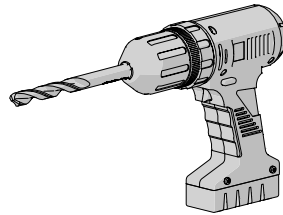
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TOOLS REQUIRED

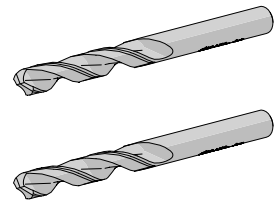
1 Circular Cutting Blade



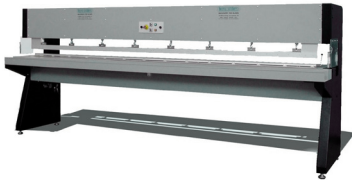
2 Drill



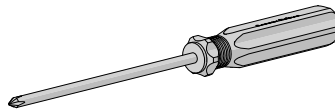
3 Drill Bits



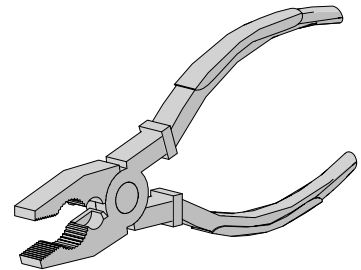
4 Impulse Welder + Zip Welding Jig



5 Phillips Head Screwdriver



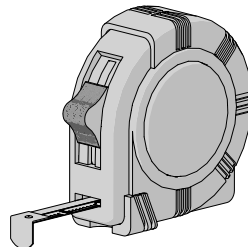
6 Pliers



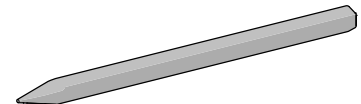
7 Scissors



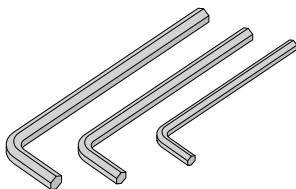
8 Measuring Tape



9 Pencil

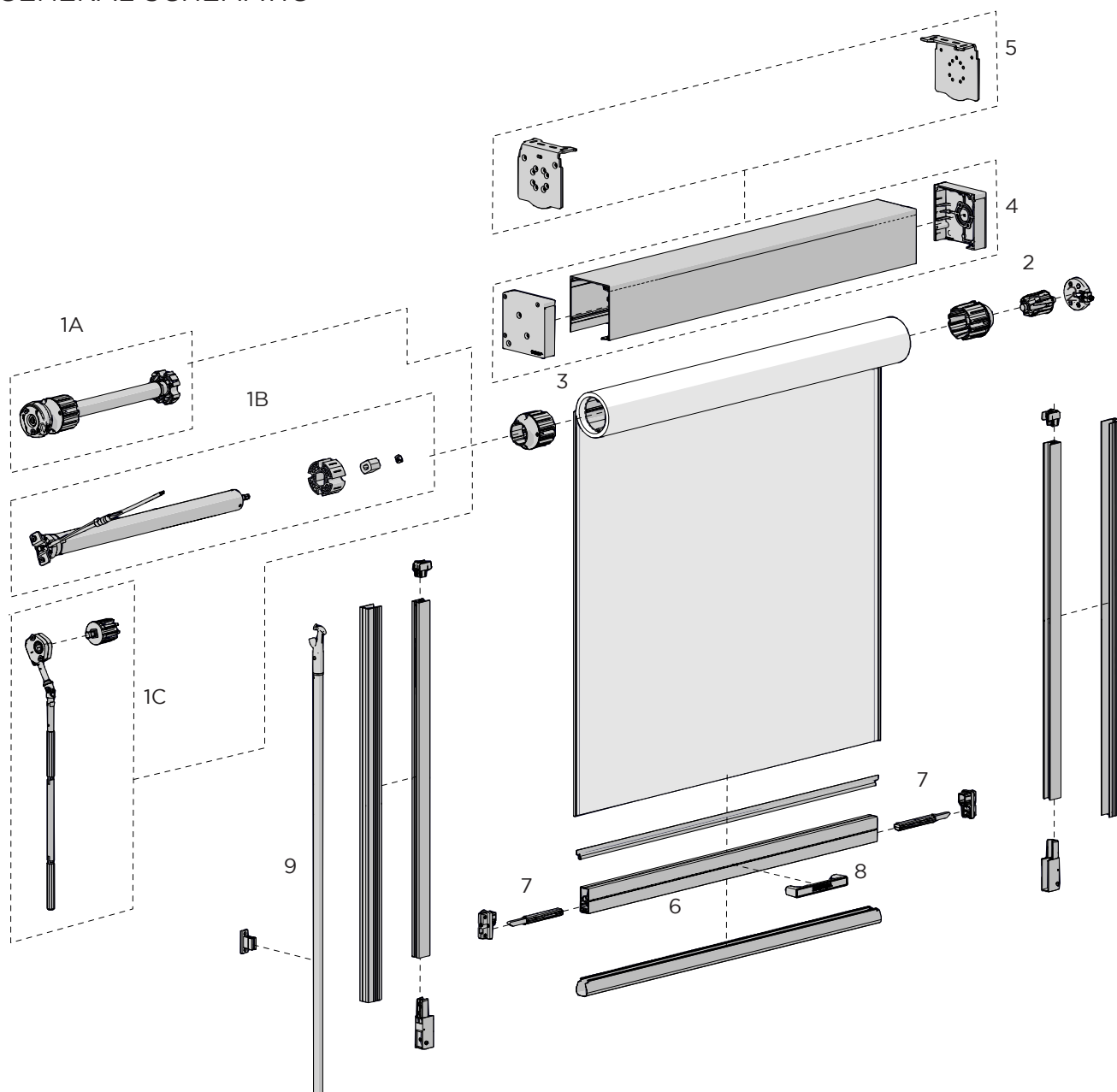


10 Allen Key Set (Metric)



OVERVIEW

GENERAL SCHEMATIC



SYSTEM INDEX:

1. CONTROLS:

- A - Booster
- B - Motor
- C - Crank

2. IDLER

3. **TUBE:** 78mm/110mm/130mm

4. **BOX:** 120/160/190

5. **BRACKETS:** Square/Extreme

6. **WEIGHT BAR:** F56/F72

7. **LOCK:** Ultra Lock/Bolt Lock

8. **HANDLE**

9. **PULL STICK**

BOM - PARTS LIST

| | PART NUMBER | DESCRIPTION | U.O.M | QTY |
|---------------------------|------------------|---|-------|-------|
| BOX 120 | RE01-1101-xxx120 | Box 120 End Plates | Set | 1 |
| BOX 160 | RE01-1106-xxx160 | Box 160 - End Plate Set | Set | 1 |
| | RE01-1105-xxx001 | Box 190 – End Plates & Screws Only | Set | 1 |
| BOX 190 | RE01-1105-020100 | Box 190 - Universal Bracket Extrusion (100mm) | Piece | 2 / 3 |
| | RB80-1503-xxx110 | Extreme Bracket Adaptor Kit (Motor & Idler Plate) | Set | 1 |
| EXTREME | SB03-1301-009190 | Zipscreen Extreme Open Bracket Kit | Set | 1 |
| | RB80-1503-xxx110 | Extreme Bracket Adaptor Kit (Motor & Idler Plate) | Set | 1 |
| OPEN | RE01-3030-xxx000 | Open Brackets SQUARE Mild Steel | Set | 1 |
| | RE01-3031-xxx000 | Open Brackets SQUARE Stainless Steel | | |
| SIDE CHANNELS | SB05-1412-050001 | Funnel w/ Integrated Top Stop + Screw | Set | 2 |
| | SB05-1511-050001 | Inner Rail Bottom Cap Set | Set | 2 |
| | HD82-1923-xxx013 | Self-Drilling 8Gx1/2" Pan, C4 Galv, Painted | Piece | 4+ |
| SPRING (AU Only) | RE01-0421-050001 | External Booster V2 COMPACT | Unit | 1 |
| | RE01-0421-050002 | External Booster V2 LIGHT | | |
| | RE01-0421-050003 | External Booster V2 STANDARD | | |
| | RE01-0421-050004 | External Booster V2 HEAVY DUTY | | |
| | RE01-0421-050005 | External Booster V2 EXTRA HEAVY DUTY | | |
| | RE01-0421-050006 | External Booster V2 ULTRA HEAVY DUTY | | |
| GEAR | RE01-0513-xxx003 | Gear 5:1 [7.5Nm] + Screws | Set | 1 |
| | RE01-0517-xxx003 | Gear 8:1 [20Nm] + Screws | | |
| | RE01-0510-020000 | RE01 Gear Universal Joint | Piece | 1 |
| | RE01-0502-050045 | Crank Adaptor 45mm | Piece | 1 |
| | RB05-9102-xxx000 | Gear/Crank Operation Arm Support | Piece | 1 |
| | RB05-9101-xxxLLL | Gear/Crank Operation Control Arm - 100 / 150 / 200 cm | Piece | 1 |
| MOTOR | MT01-1145-050001 | AUTOMATE ARC FT Motor [Ø45/15Nm/15rpm] (AU) | Set | 1 |
| | MT01-1145-050012 | AUTOMATE ARC FT Motor Long Conn. [Ø45/15Nm/15rpm] (AU) | | |
| | MT01-1145-069003 | AUTOMATE ARC FT SLIM Motor [Ø45/15Nm/32rpm] (US) | | |
| | MT01-1145-0690xx | AUTOMATE ARC AX30 Motor (Refer catalogue for Part #'s) | | |
| | MT01-1145-0690xx | AUTOMATE ARC AX50 Motor (Refer catalogue for Part #'s) | | |
| | MT01-1245-069001 | AUTOMATE DCFT 15Nm ARC Motor [Ø45/12V/10rpm] | | |
| | MT03-0305-050011 | AUTOMATE 5.2Ah External Battery Pack | Set | |
| | Refer Catalogue. | | - | - |
| | RE01-0603-025000 | AUTOMATE 45mm SLIM MOTOR 10mm Sq. Shaft (US) | Set | 1 |
| | RE01-0601-025000 | AUTOMATE 45mm Motor Bracket Adaptor + Screws (US) | Set | 1 |
| | RE01-0680-050508 | AUTOMATE 78mm Drive Wheel (Impact Detect) | Piece | 1 |
| | RE01-0680-050518 | AUTOMATE 78mm Drive Wheel + Insert (Impact Detect) (US) | Set | |
| | MTCLIP-35-45 | Motor Drive Clip for 35/45mm Motors (US) | Piece | 1 |
| | RB56-0762-014050 | Zamak Adaptor w/ Lock Ring & M8x16 Screws (Box 190, Extreme Open) | Set | 1 |
| | RB56-0766-014050 | Zamak Adaptor with Lock Ring Threaded | Set | 1 |
| | RE01-0216-018000 | Box 160 - AX Motor Spacer w/ Screws | Piece | 1 |
| | RB80-0301-073100 | S100 - Universal Drive Wheel | Unit | 1 |
| | RB80-0701-073100 | S100 - Universal Motor Crown | Unit | 1 |
| | MT03-0198-025008 | AUTOMATE 30Nm/50Nm Extreme Drive Shaft Adaptor | Set | 1 |
| IDLER | RE01-0214-050000 | Idler/Spring Adaptor MKII + Screws | Set | 1 |
| | RE01-0215-050000 | Box 160 - Extreme Idler Adaptor w/ Screws | Set | 1 |
| | RB80-0202-073100 | EXTREME Bearing Idler Universal S100 | Unit | 1 |
| | RE01-0213-050045 | Bearing Idler 45mm | Piece | 1 |
| WEIGHT BAR OPTIONS | RE20-0303-xxx002 | F56 HD End Cap Set Zipscreen (2 piece w/ screws) | Set | 1 |
| | RE15-0512-xxx000 | F72 Multi-Bar End Caps Zipscreen (2-piece w/ screws) | Set | |
| | SB07-2203-050001 | External Weight Bar Handle Zipscreen | Set | 1 / 2 |
| | RE01-0420-050000 | External Pull Stick Adjustable w/ Wall Clip | Set | 1 |
| LOCKS | SB07-2103-050001 | Weight Bar Bolt Lock Set | Set | 2 |
| | RE15-0422-050001 | Zipscreen Ultra-Lock V2 Set | Set | 1 |
| TUBE PARTS | RB80-0501-073110 | S100 - Zipscreen reducer end plate set - 110mm | Set | 1 |
| | RB80-0501-073130 | S100 - Zipscreen reducer end plate set - 130mm | | |
| | RE20-0311-050178 | Zipscreen Reducer 78mm to 45mm w/ Screws | Piece | 1, 2 |

DEDUCTIONS - SIDE FIX

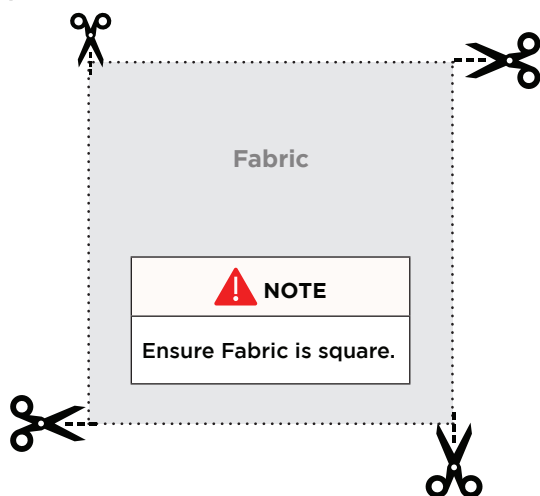
| | PART NUMBER | DESCRIPTION | U.O.M | QTY | ZIPSCREEN SIDE / RECESS FIX | | | | |
|---|---|---|----------------|---------|---|----------------|---|---|---|
| | | | | | 78mm OPEN | BOX 120 | BOX 160 | BOX 190 | S100 OPEN |
| BOX 120 | RE01-0101-xxxLLL | Box 120 Back | mm (in) | 1 | | W - 66 (2.60) | | | |
| | RE01-0102-xxxLLL | Box 120 Front Cover | mm (in) | 1 | | | | | |
| | RE01-0103-xxxLLL | Box 120 Semi Cover | | | | | | | |
| BOX 160 | RE01-0111-xxxLLL | Box 160 - Top/Back Cover | mm (in) | 1 | | | W - 66 (2.60) | | |
| | RE01-0113-xxxLLL | Box 160 - Front Cover w/ Bubble | mm (in) | 1 | | | | | |
| | SB91-0022-050400 | Fabric Brush - T-Slot 13mm x 4.8mm | mm (in) | 2 | | | W - 8 (0.32) | | |
| BOX 190 | SB91-0012-050300 | Fabric Brush - T-Slot - 10mm High | mm (in) | 1 | | | | W + 176 (6.93) | |
| | RE01-0106-xxxLLL | Box 190 Universal Extrusion (Top & Back) | mm (in) | 2 | | | | W - 24 (0.94) | |
| | RE01-0107-xxxLLL | Box 190 Front Cover | mm (in) | 1 | | | | | |
| | SB91-0516-050009 | Foam Tape | mm (in) | 2 | | | | | |
| | SIDE CHANNELS | SB04-0701-xxxLLL | Zip Inner Rail | mm (in) | 2 | D - 143 (5.63) | 78mm Tube: D - 154 (6.06) 110mm Tube: D - 163 (6.42) | D - 186 (7.32) | FACE FIX: D - 193 (7.60) TOP FIX: D - 198 (7.80) |
| Zip Inner Rail w/ Ultra Locks (78mm tube only) ^^ | | | D - 210 (8.27) | | | D - 221 (8.70) | | | |
| SB04-0702-xxxLLL | | U Mounting Rail | mm (in) | 2 | D - 125 (4.92) ^ | D - 160 (6.30) | D - 183 (7.20) | FACE FIX: D - 175 (6.90) TOP FIX: D - 180 (7.08) | |
| WEIGHT BAR OPTIONS | RE15-0101-xxxLLL | F56 HD Weight Bar | mm (in) | 1 | W - 121 (4.76) | | | | |
| | RE15-0112-xxxLLL | F72 Multi-Bar | | | | | | | |
| | SB91-0001-050580 | Weight Bar Bubble Seal Strip 8 x 12mm x 5.8 metre | mm (in) | 1 | W - 89 (3.50) | | | | |
| | SB91-0019-050580 | 16mm Bubble Seal F56 5.8 metre Lengths | | | | | | | |
| | SB91-0008-050050 | Ultra-Lock Seal V3 | | | W - 104 (4.10) | | | | |
| | SB91-0018-050040 | 16mm Bubble Seal F72 40 Lm Rolls | | | W - 121 (4.76) | | | | |
| | SB91-0013-050150 | 8mm Bubble Seal Push Fit 150 Lm Roll | mm (in) | 0 - 4 | W - 150 (5.91) or with Ultra-Lock W - 450 (17.72) | | | | |
| | SB91-1015-050200 | F56 - 20 x 5mm Ballast x 2m (0.8kg/m) Wrapped | | | | | | | |
| SB91-1018-050200 | F72 - 25 x 8mm Ballast x 2m (1.6kg/m) Wrapped | | | | | | | | |
| TUBE PARTS | RE01-0377-000LLL | 78mm STD V2 AL Tube w/ screw features | mm (in) | 1 | W - 114 (4.49) | W - 118 (4.65) | | | |
| | RE01-0380-000LLL | 78mm HD V2 AL Tube w/ screw features | | | | | | | |
| | RB93-0110-xxxLLL | S100 - 110mm AL Tube | | | | W - 129 (5.08) | W - 124 (4.88) | W - 114 (4.49) | |
| | RB93-0130-xxxLLL | S100 - 130mm AL Tube | | | | | | | |
| FABRIC | | Fabric Width | mm (in) | 1 | W - 82 (3.23) | | | | |
| | SB91-0409-050015 | 7mm Fabric Spline with 15mm tail 100m roll | | 2 | | | | | |
| | | Fabric Drop | mm (in) | 1 | 78mm Tube: D + 250 (9.84) 110mm Tube: D + 350 (14.57) 130mm Tube: D + 430 (16.93) | | | | |
| | SH91-0135-050LLL | Zip No. 6 Gauge, Double Sided | mm (in) | 1 | | | | | |
| NOTES | ^^ For Ultra-Lock V2, 67mm (2.64) has been added to Inner Rail deduction. (Eg. D - 143 becomes D - 210) | | | | | | | | |

DEDUCTIONS - FACE FIX

| | PART NUMBER | DESCRIPTION | U.O.M | QTY | ZIPSCREEN FACE FIX | | | | |
|--------------------|--|---|---------------------------|---------|---|----------------|---|----------------|---|
| | | | | | 78mm OPEN | BOX 120 | BOX 160 | BOX 190 | S100 OPEN |
| BOX 120 | RE01-0101-xxxLLL | Box 120 Back | mm (in) | 1 | | W - 71 (2.80) | | | |
| | RE01-0102-xxxLLL | Box 120 Front Cover | mm (in) | 1 | | | | | |
| | RE01-0103-xxxLLL | Box 120 Semi Cover | | | | | | | |
| BOX 160 | RE01-0111-xxxLLL | Box 160 - Top/Back Cover | mm (in) | 1 | | | W - 71 (2.80) | | |
| | RE01-0113-xxxLLL | Box 160 - Front Cover w/ Bubble | mm (in) | 1 | | | | | |
| | SB91-0022-050400 | Fabric Brush - T-Slot 13mm x 4.8mm | mm (in) | 2 | | | W - 13 (0.52) | | |
| BOX 190 | SB91-0012-050300 | Fabric Brush - T-Slot - 10mm High | mm (in) | 1 | | | | W + 171 (6.73) | |
| | RE01-0106-xxxLLL | Box 190 Universal Extrusion (Top & Back) | mm (in) | 2 | | | | W - 29 (1.14) | |
| | RE01-0107-xxxLLL | Box 190 Front Cover | mm (in) | 1 | | | | | |
| | SB91-0516-050009 | Foam Tape | mm (in) | 2 | | | | | |
| SIDE CHANNELS | SB04-0701-xxxLLL | Zip Inner Rail | mm (in) | 2 | D - 143 (5.63) | | 78mm Tube: D - 154 (6.06) 110mm Tube: D - 163 (6.42) | D - 186 (7.32) | FACE FIX: D - 193 (7.60) TOP FIX: D - 198 (7.80) |
| | | Zip Inner Rail w/ Ultra Locks (78mm tube only) ^^ | | | | | | | |
| | SB04-0702-xxxLLL | U Mounting Rail | mm (in) | 2 | D - 125 (4.92) ^ | | D - 160 (6.30) | D - 183 (7.20) | FACE FIX: D - 175 (6.90) TOP FIX: D - 180 (7.08) |
| | | SB04-0703-xxxLLL ^ | L Fixing Rail for Box 120 | mm (in) | | | | | |
| | SB04-0708-xxxLLL | L Fixing Rail for Box 160 & 190 | mm (in) | | | | D - 191 (7.52) | | |
| | SB04-0705-xxxLLL | Face Fix U-Mounting Rail | mm (in) | 2 | ^ When using Face Fix U-Mounting Rails, refer RECESS FIX Deductions | | | | |
| WEIGHT BAR OPTIONS | RE15-0101-xxxLLL | F56 HD Weight Bar | mm (in) | 1 | W - 126 (4.96) | | | | |
| | RE15-0112-xxxLLL | F72 Multi-Bar | | | | | | | |
| | SB91-0001-050580 | Weight Bar Bubble Seal Strip 8 x 12mm x 5.8 metre | mm (in) | 1 | W - 94 (3.70) | | | | |
| | SB91-0019-050580 | 16mm Bubble Seal F56 5.8 metre Lengths | | | | | | | |
| | SB91-0008-050050 | Ultra-Lock Seal V3 | | | W - 109 (4.29) | | | | |
| | SB91-0018-050040 | 16mm Bubble Seal F72 40 Lm Rolls | | | | | | | |
| | SB91-0013-050150 | 8mm Bubble Seal Push Fit 150 Lm Roll | | | W - 126 (4.96) | | | | |
| | SB91-1015-050200 | F56 - 20 x 5mm Ballast x 2m (0.8kg/m) Wrapped | mm (in) | 0 - 4 | W - 155 (6.10) or with Ultra-Lock W - 455 (17.91) | | | | |
| SB91-1018-050200 | F72 - 25 x 8mm Ballast x 2m (1.6kg/m) Wrapped | | | | | | | | |
| TUBE PARTS | RE01-0377-000LLL | 78mm STD V2 AL Tube w/ screw features | mm (in) | 1 | W - 119 (4.69) | W - 123 (4.84) | | | |
| | RE01-0380-000LLL | 78mm HD V2 AL Tube w/ screw features | | | | | | | |
| | RB93-0110-xxxLLL | S100 - 110mm AL Tube | | | | | W - 134 (5.28) | W - 129 (5.08) | W - 119 (4.68) |
| | RB93-0130-xxxLLL | S100 - 130mm AL Tube | | | | | | | |
| FABRIC | | Fabric Width | mm (in) | 1 | W - 87 (3.43) | | | | |
| | SB91-0409-050015 | 7mm Fabric Spline with 15mm tail 100m roll | | 2 | | | | | |
| | | Fabric Drop | mm (in) | 1 | 78mm Tube: D + 250 (9.84) 110mm Tube: D + 350 (14.57) 130mm Tube: D + 430 (16.93) | | | | |
| | SH91-0135-050LLL | Zip No. 6 Gauge, Double Sided | | 1 | | | | | |
| NOTES | ^ Face Fix Option: | | | | | | | | |
| | If using the Face Fix U-Mounting Rails, use the RECESS FIX Deductions column for all extrusions. The 5mm Width difference is due to the L-Fixing Rails extending past the bracket 2.5mm per side. | | | | | | | | |
| | ^^ For Ultra-Lock V2, 67mm (2.64) has been added to Inner Rail deduction. (Eg. D - 143 becomes D - 210) | | | | | | | | |

FABRIC PREPARATION

1 Cut fabric to size



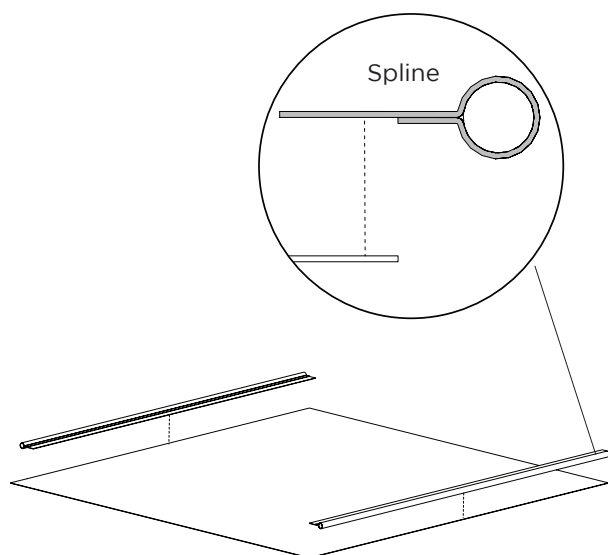
FABRIC TIPS:

Some fabric types should be used with caution as the weld quality can be problematic. Consult your fabric supplier for the recommended welding requirements of the following materials:

- Clear PVC
- Metallic backed
- Rubberised / foam backed
- Heavily textured / patterned
- Fabrics with bonding tapes (as fabric does not contain plasticiser).

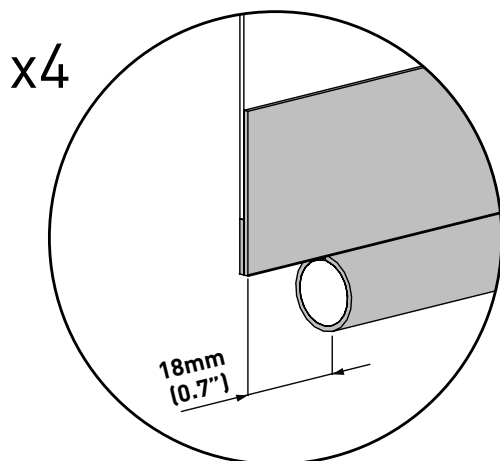
2 Weld fabric Spline to top & bottom edges

WELDING TIPS



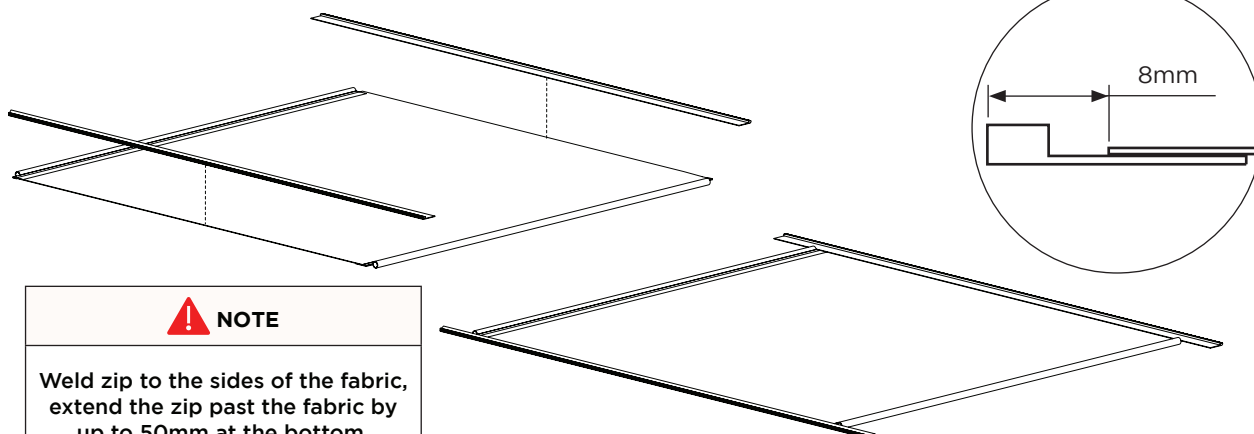
- Ensure welding area and fabric is clean and free from dust and dirt. If dust and dirt is evident this will lead to sparking and burning of the fabric.
- Before welding your fabric, undertake weld testing on scrap pieces.
- If the temperature / amperage on the welding machine is too low, the weld will not bond the fabric properly, this is referred to as a 'cold weld'.
- If the temperature / amperage on the welding machine is too high, the fabric will burn.
- When using a High Frequency Welding Machine, ensure the welding overlap is at least 50mm. If the overlap is any shorter than this a 'cold weld' may occur at this area.
- For fabrics with a higher content of plastic in them, a higher-level sheen will be evident. When using a High Frequency Welding Machine and the fabric is overlapped to achieve a quality weld, the level of sheen on the fabric at this area will be reduced.

3 Trim Spline 18mm on all 4 corners



FABRIC PREPARATION

- 4 Weld zip to the fabric on the opposite side to the fabric spline

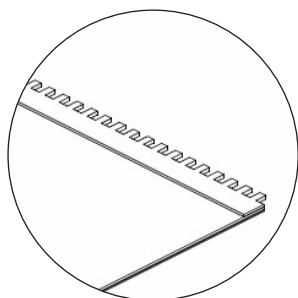


NOTE

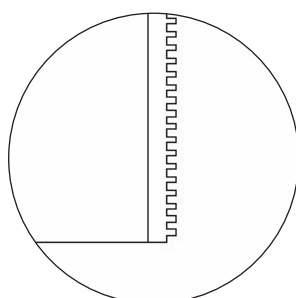
Weld zip to the sides of the fabric, extend the zip past the fabric by up to 50mm at the bottom.

VISUAL CHECKS

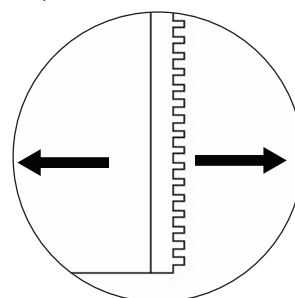
- ☒ 1. Fabric at weld should have a consistent sheen



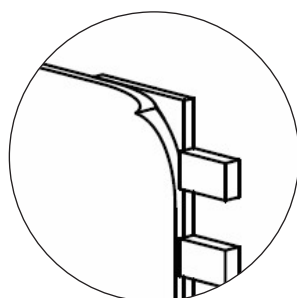
- ☒ 2. Check the Zip is welded straight



- ☒ 3. Pull the weld to ensure that the fabric does not separate



- ☒ 4. Peel zip from fabric



A good weld **will** peel - check if the coating from the fabric has adhered to the zip.

Screen Fabrics: Fibres from fabric become exposed.



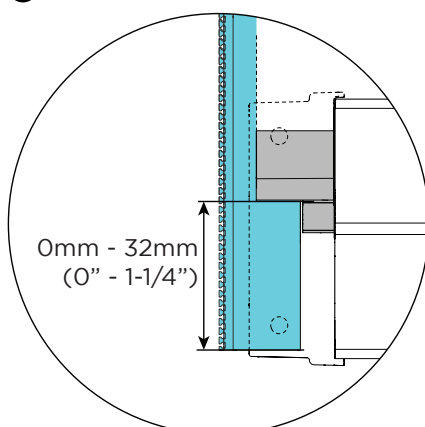
NOTE

A bad weld will also peel, if the coating on the fabric and zip remain intact and do not bond this means the melting point has not been achieved. Increase welding temperature.

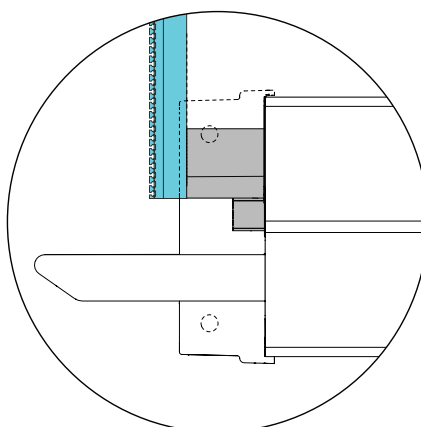
If the test weld passes both tests, proceed with welding your blind fabric. Rollease Acmeda recommends the above testing is undertaken prior to each welding session and when the fabric comes from different batches. Inconsistencies in welding will hinder the performance of the Zipscreen Blind.

FABRIC PREPARATION

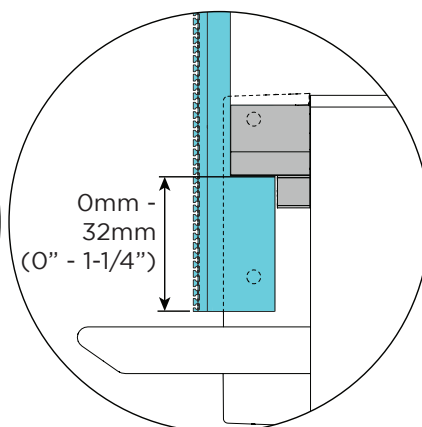
5 Trim zip ends at the bottom



F56



F56 with Ultra-Lock



F72 with or without Ultra-Lock

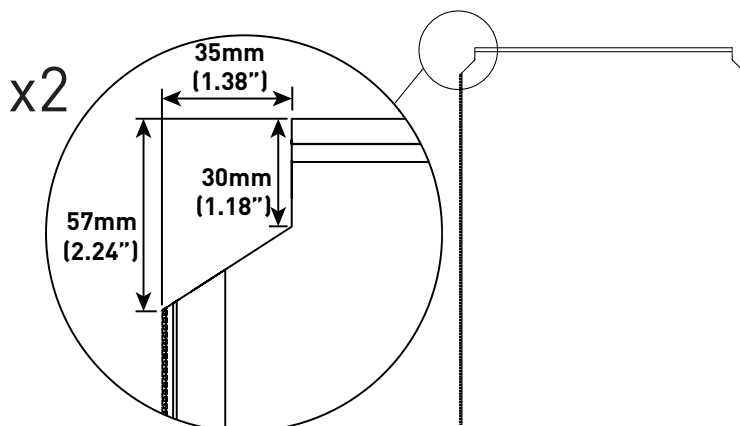
NOTE

The zip 'tail' may be left longer to increase zip engagement in the Zipscreen Inner Rail. This length is dependent on the weight bar and if the Ultra-Lock is being installed.

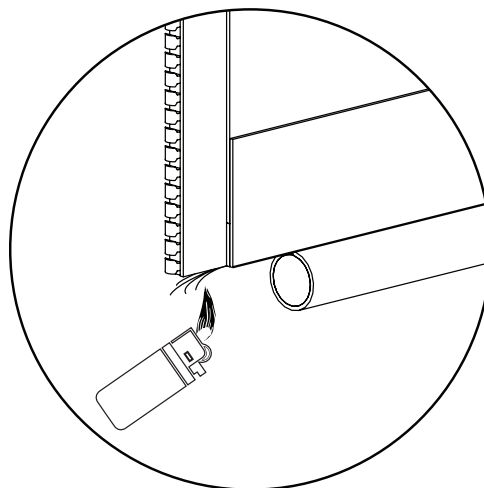
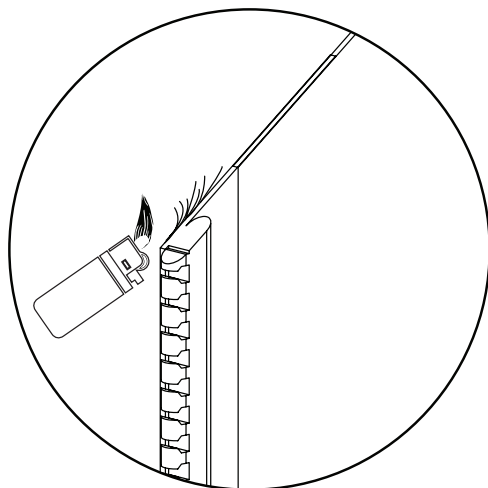
6 Mark out & cut fabric scallops

NOTE

Scallop detail is symmetrical. If additional fabric wrap is used, trim the Zip the additional distance i.e. if 300mm of pre-wrap is added, trim the Zip back 300mm. This will reduce the Zip build up.



7 Melt zip at each end to prevent fraying

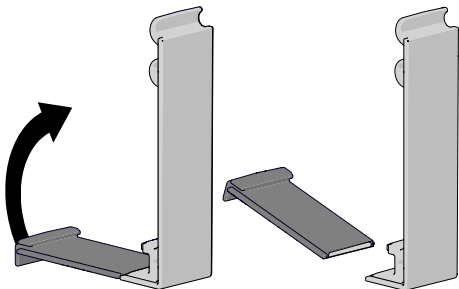


BOX 120 / BOX 160 | 78MM TUBE

1 Remove end plate cover leg

This is only required:

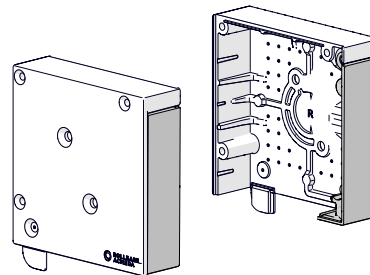
- At one end when using a crank control.
- At both ends when using the Box 120 Semi Front Cover.



NOTE

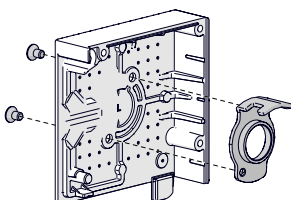


It is advised that pliers are used to remove break-off & to clean the break with a file.

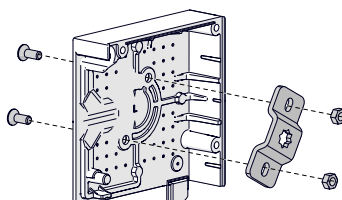


2 Attach control hardware

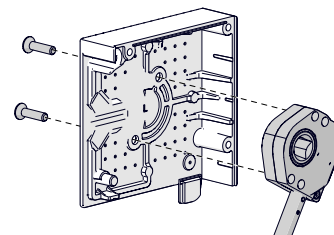
SPRING CONTROL



MOTOR CONTROL

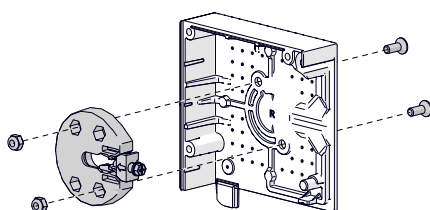


CRANK CONTROL

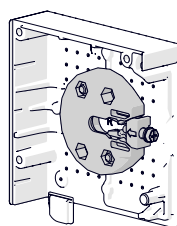


3 Attach Idler hardware

IDLER ADAPTOR



NOTE



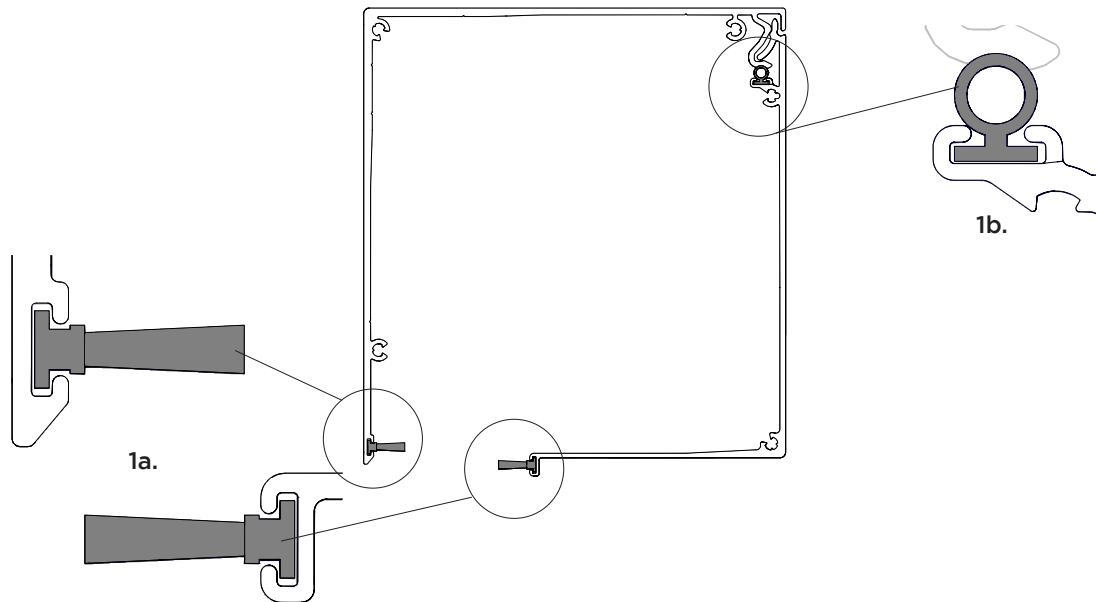
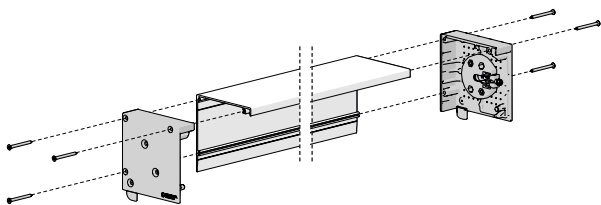
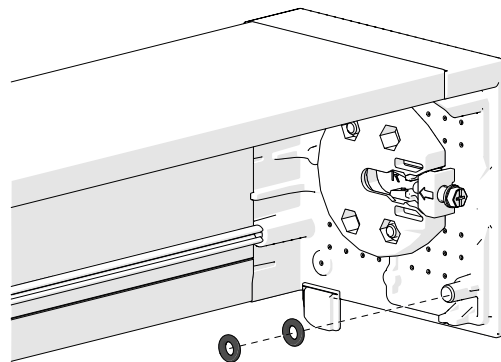
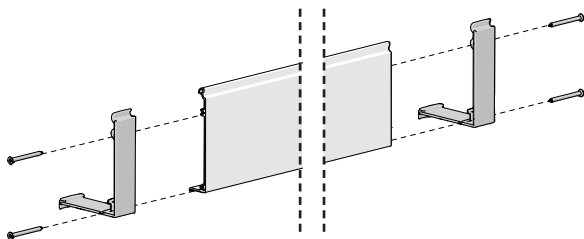
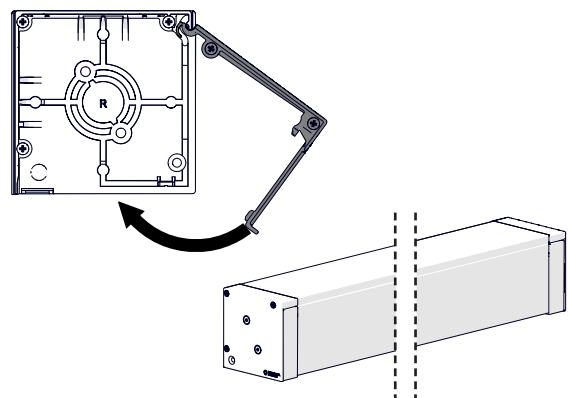
Install Retainer Clip in bracket adaptor so it doesn't get lost in transport.

BOX 120 / BOX 160**1 (Only for Box 160)**

1a. Insert brushes into the front and back covers..

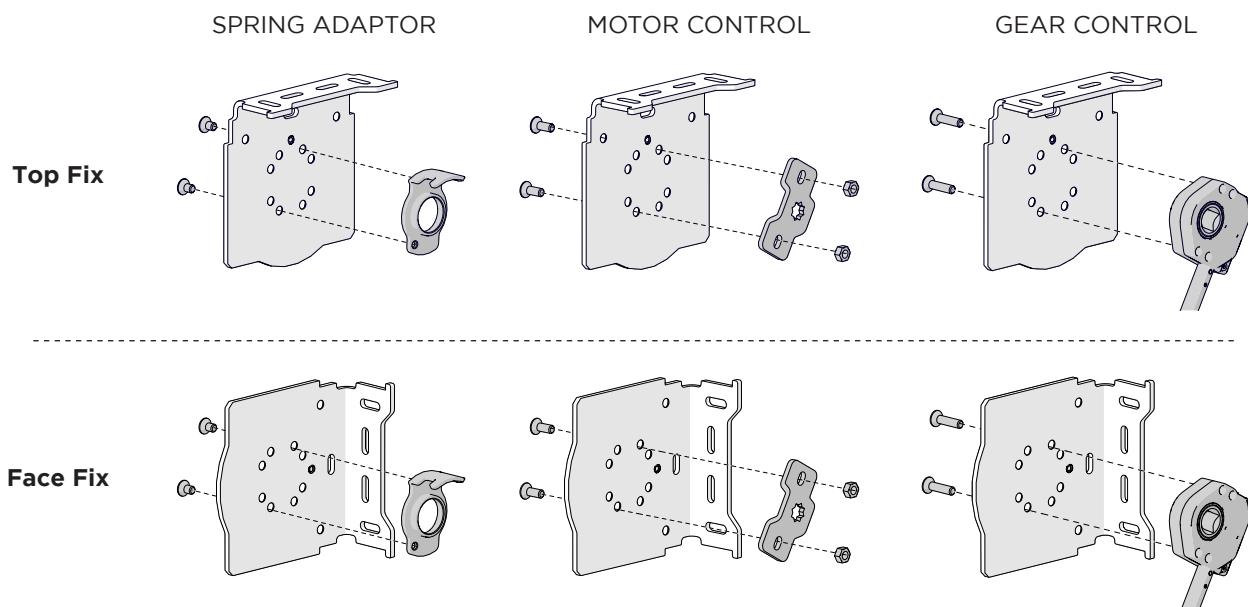
1b. Ensure bubble seal is installed in Box 160 Front Cover.

The bubble seal is supplied assembled on powder coated extrusion, or loose for mill finish.
The bubble seal may be cut into separate pieces for ease of assembly.

**2 Attach end plates to box****3 Attach 2x O-Rings to each side****4 Attach front cover end plates****5 Attach front cover assembly to box assembly**

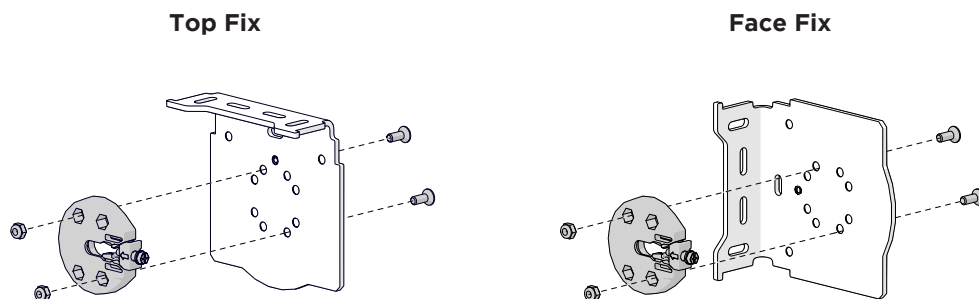
OPEN BRACKETS | 78MM TUBE

1 Attach control hardware



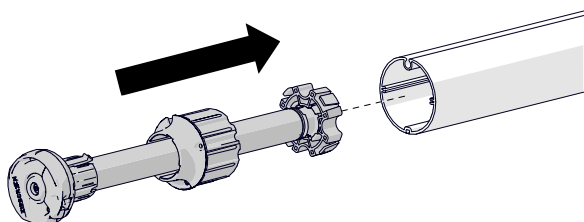
2 Attach Idler hardware

IDLER ADAPTOR

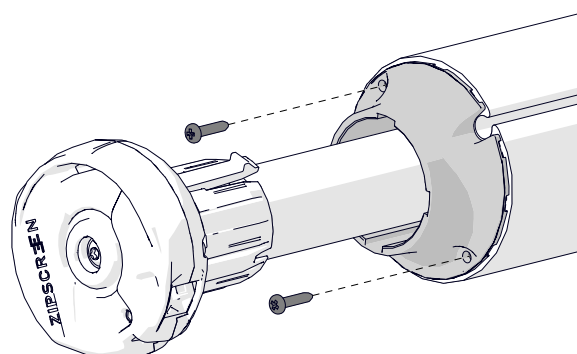


CONTROL | SPRING | 78MM TUBE

1 Insert spring assembly in tube

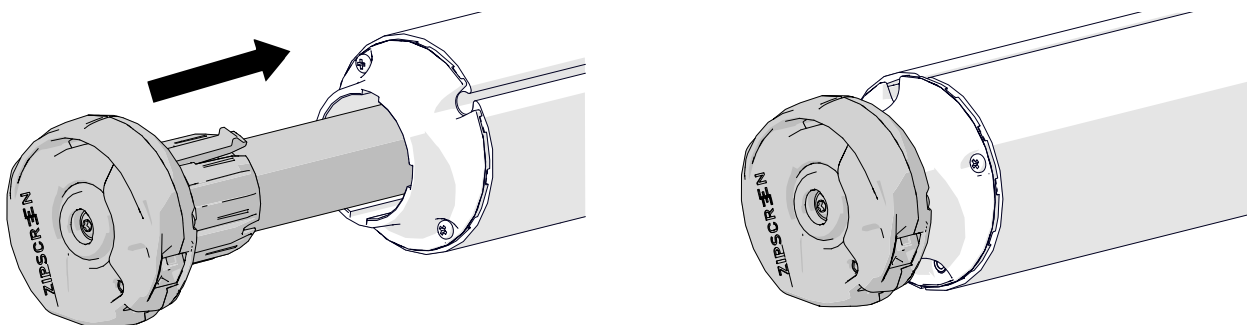


2 Fasten reducer in place

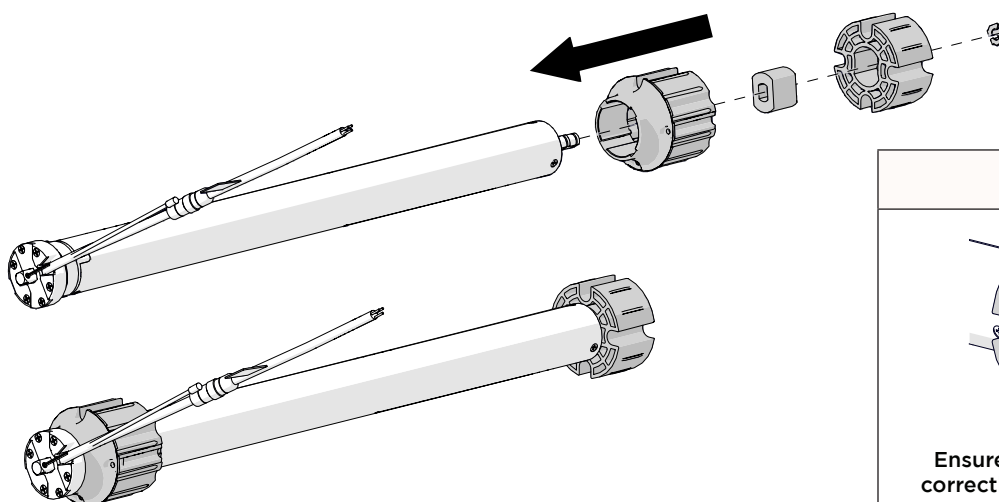


CONTROL | SPRING | 78MM TUBE

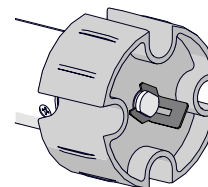
- 3** Slide spring into reducer until it clicks

**CONTROL | MOTOR | 78MM TUBE**

- 1** Assemble reducer, impact detect insert, drive wheel and clip

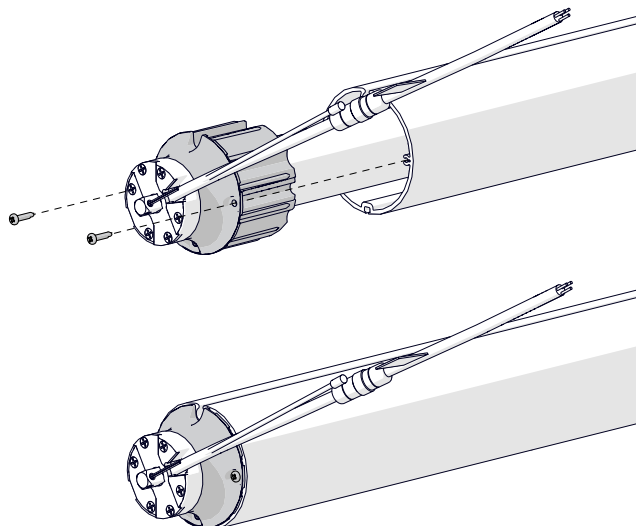


NOTE



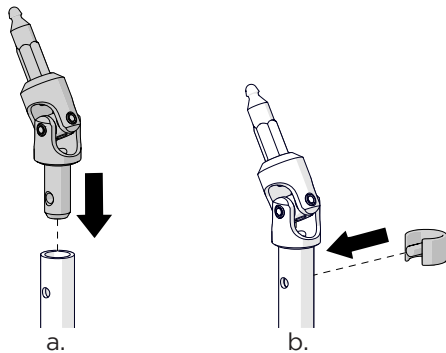
Ensure the clip is attached correctly with the drive shaft

- 2** Insert motor in tube and fasten reducer in place

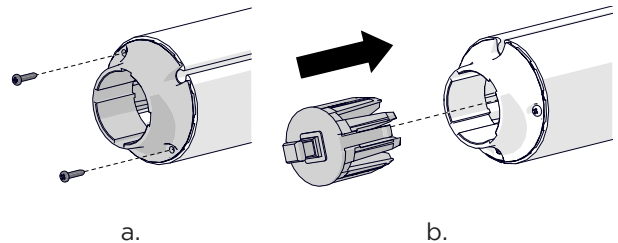


CONTROL | CRANK | 78MM TUBE

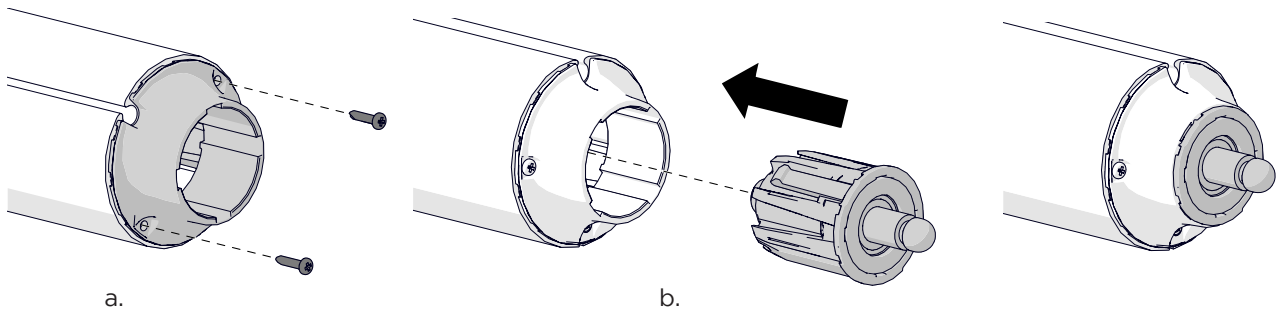
- 1** a. Insert uni-joint into crank handle.
b. Insert c-clip pin through shaft hole to secure uni-joint.



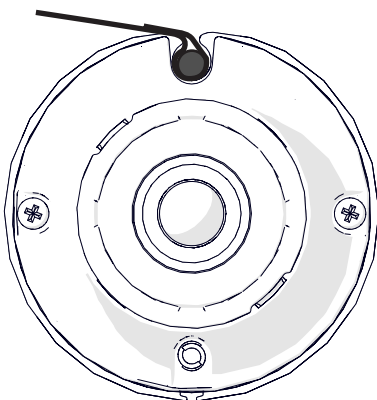
- 2** a. Insert reducer into tube and fasten into place.
b. Insert crank adaptor into reducer until it locks into place.

**CONTROL | IDLER | 78MM TUBE**

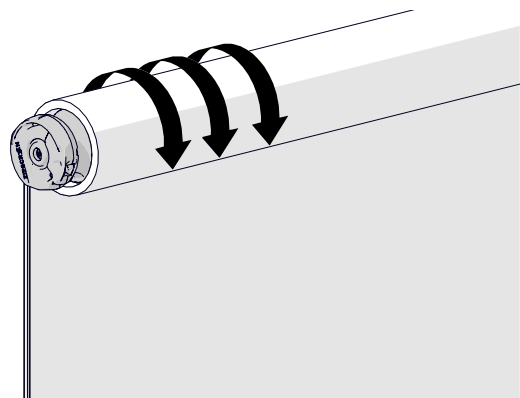
- 1** a. Insert reducer into tube and fasten into place.
b. Insert idler into reducer until it locks into place.

**FABRIC ASSEMBLY | 78MM TUBE**

- 1** Insert fabric into tube



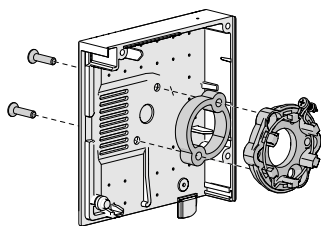
- 2** Roll fabric around tube



BOX 160 | 110MM TUBE

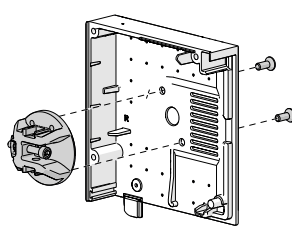
1 Attach control hardware

MOTOR CONTROL

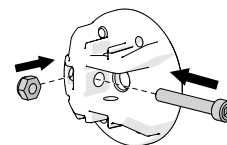


2 Attach Idler hardware

IDLER ADAPTOR



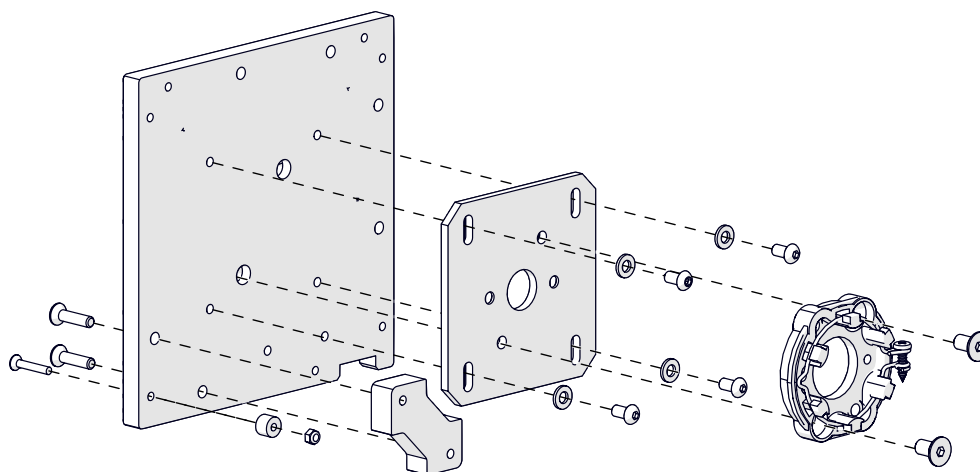
NOTE



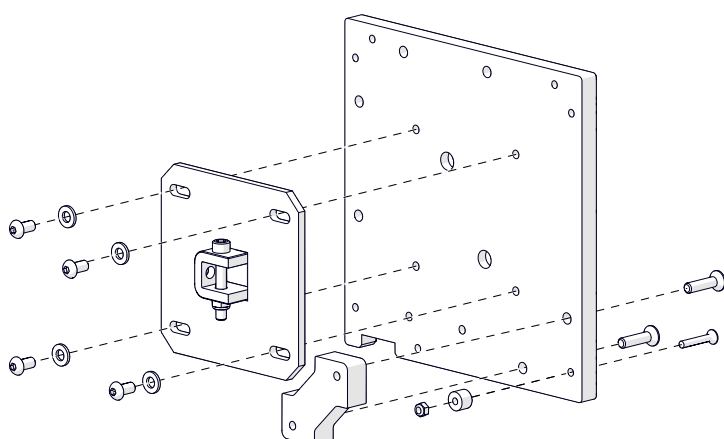
Assemble fasteners in idler adaptor so it doesn't get lost in transport.

BOX 190 | 110MM TUBE

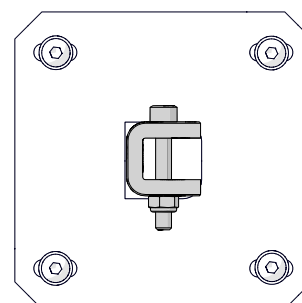
1 Attach control hardware



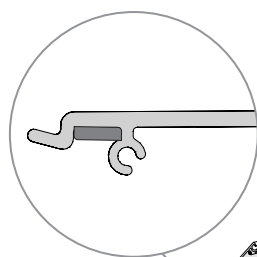
2 Attach idler hardware



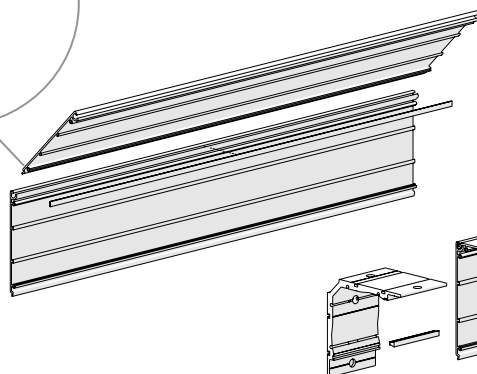
NOTE



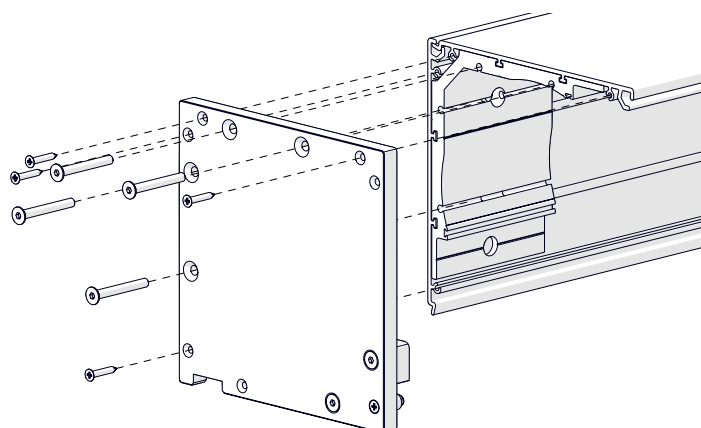
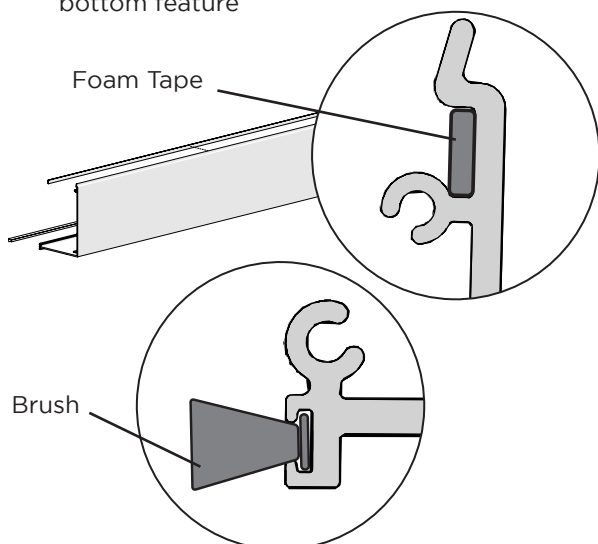
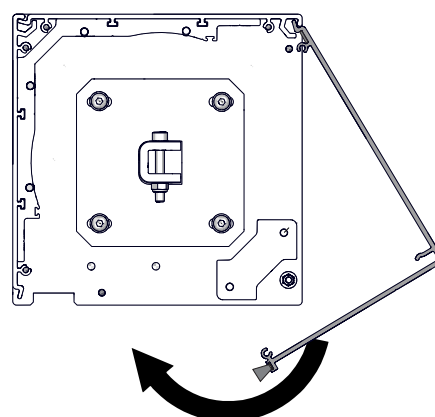
Ensure 'U' shaped saddle is orientated correctly.

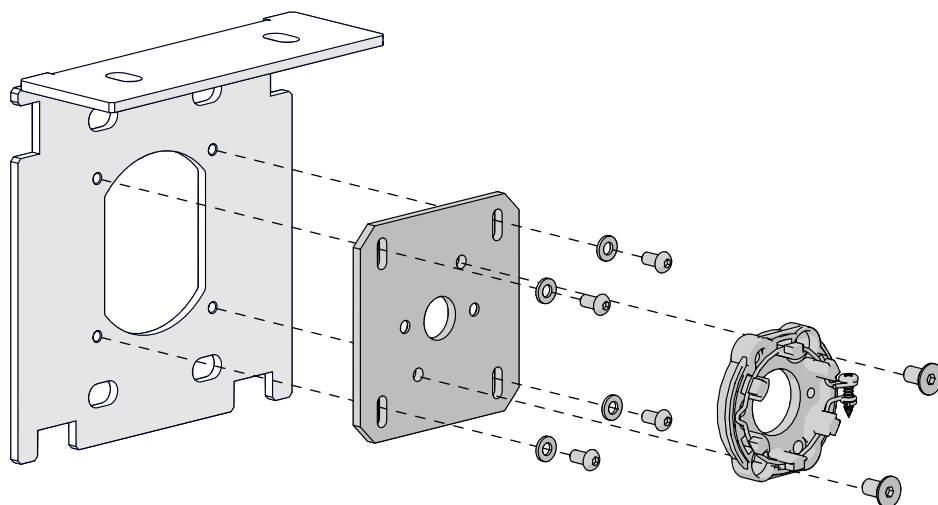
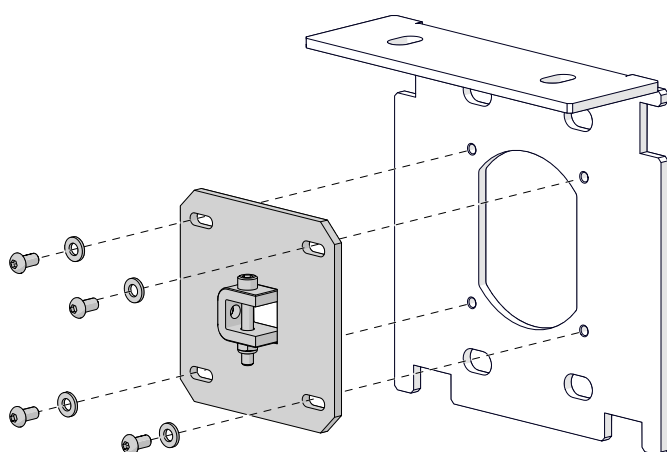
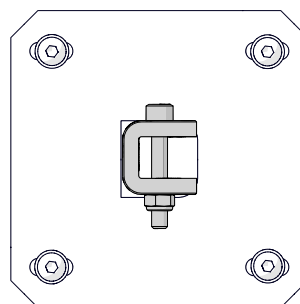
BOX 190 | 110MM TUBE**1** Assemble top & back cassette extrusions

Insert Foam Tape into groove as shown

**NOTE**

- Assemble with additional Universal Bracket Extrusion for systems wider than 4m [158"].
- Cut brush to 100mm [4"] lengths to fit brackets.

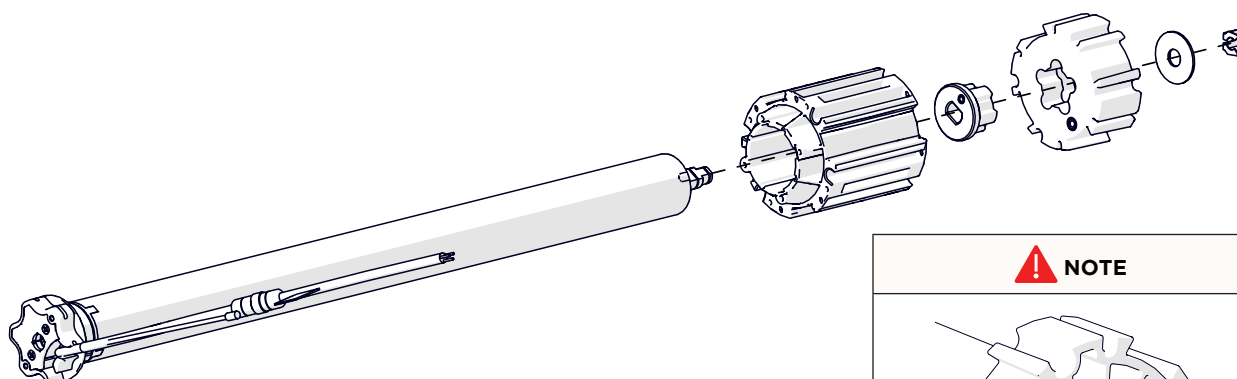
2 Attach end plates to cassette assembly**3** Assemble Foam Tape in top joint, and brush in bottom feature**4** Attach front cover assembly to box assembly

OPEN BRACKETS | S100 TUBES**1** Attach control hardware**2** Attach idler hardware**NOTE**

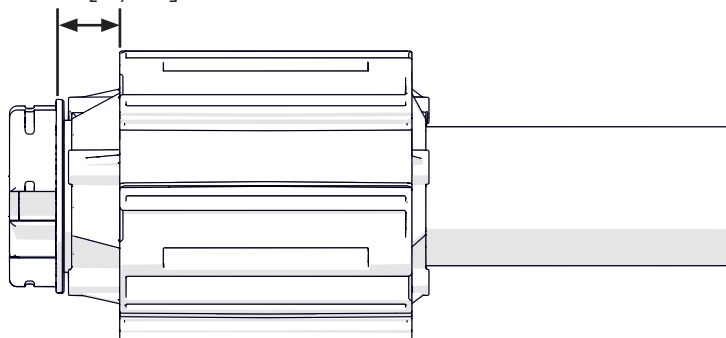
Ensure 'U' shaped saddle is orientated correctly.

CONTROL MOTOR | S100 TUBES

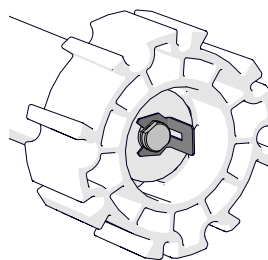
- 1 Assemble motor with crown, drive & adaptor kit



21mm [13/16"]



NOTE



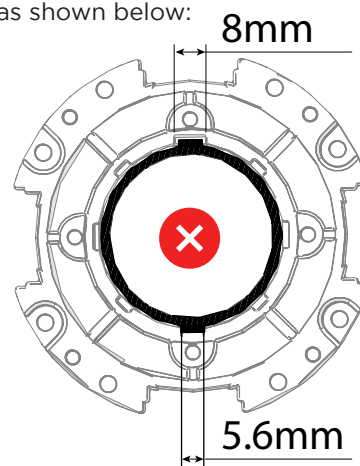
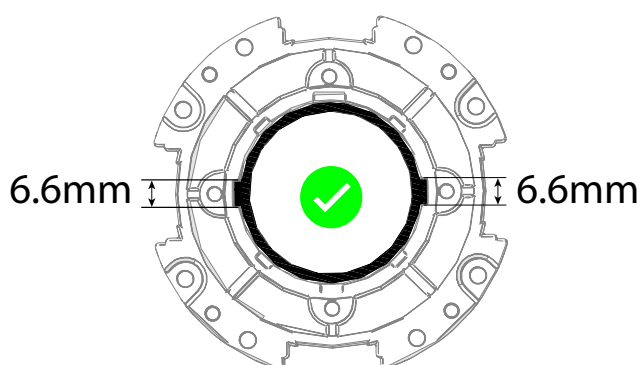
Ensure the clip is attached correctly with the drive shaft

NOTE

Ensure crown is installed in the correct orientation for Zipscreen

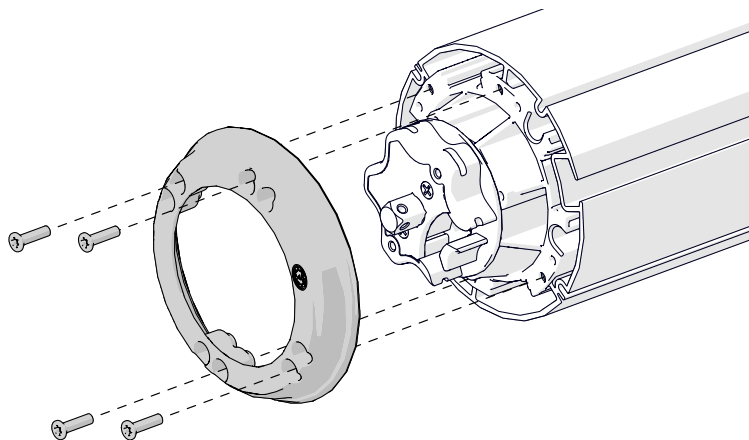
VISUAL CHECK

- ☒ If using an AX Motor, ensure the crown is orientated correctly as shown below:

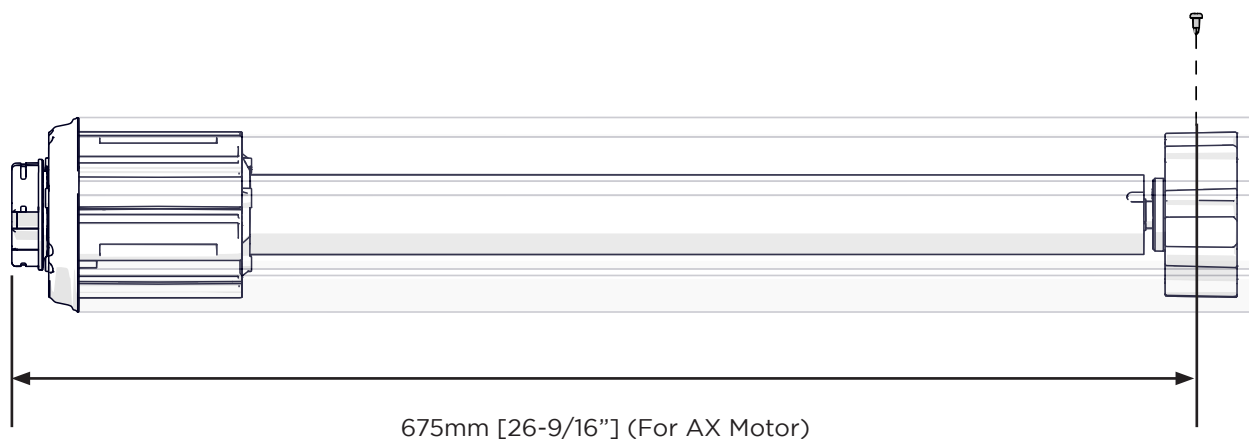


CONTROL | MOTOR | S100 TUBES

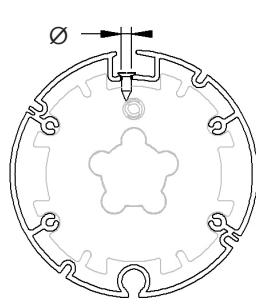
- 1** Insert motor assembly into tube & fasten reducer in place



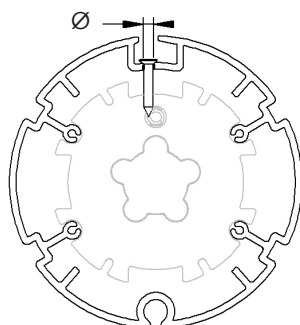
- 2** Secure drive wheel to tube with counter sunk screw



HOLE = Ø4.5mm (0.18")



110mm



130mm

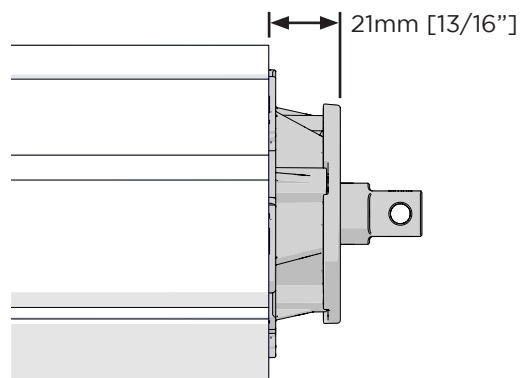
| TUBE | SCREW |
|-------|---------------|
| 110mm | #8 x 1/2" |
| 130mm | #8 x 1" Screw |

FABRIC ASSEMBLY | S100 TUBES

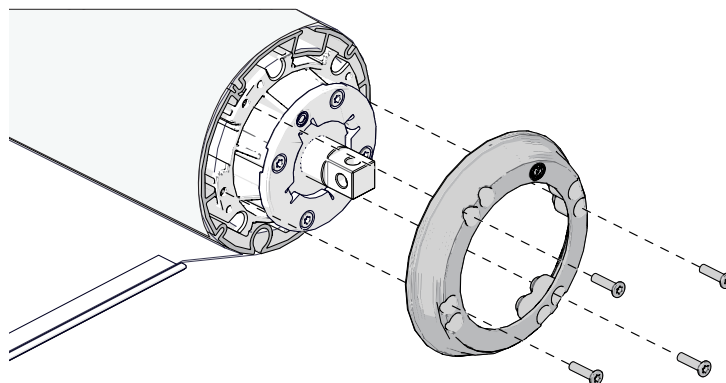
- 1** Insert fabric into tube



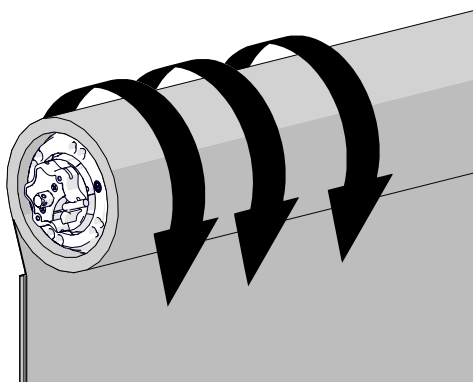
- 2** Insert idler into tube, ensure correct idler orientation



- 3** Fasten reducer in place



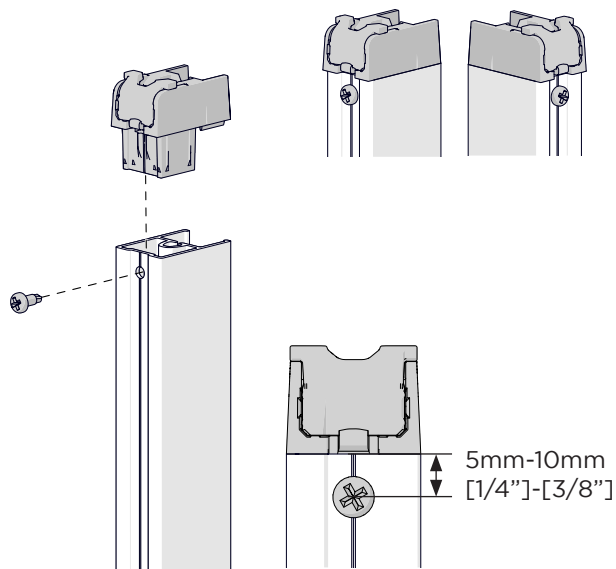
- 4** Roll fabric around tube



INNER RAIL ASSEMBLY

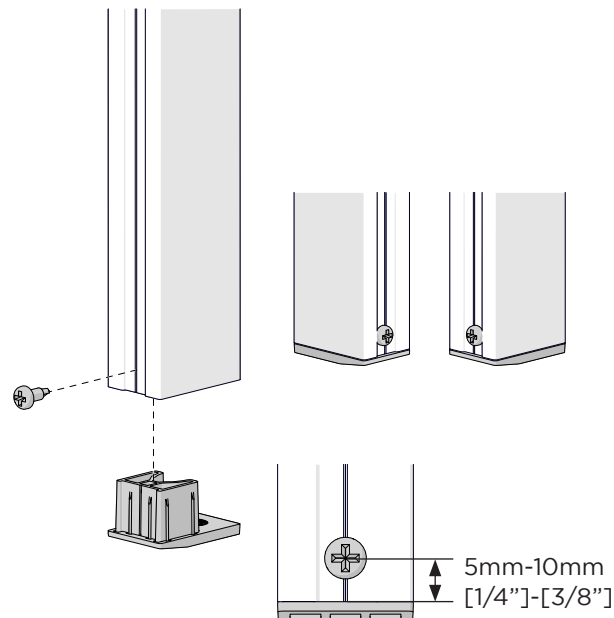
- 1** Fasten the Top Stops in the Inner Rail with the supplied screws.

Repeat for both Inner Rails.

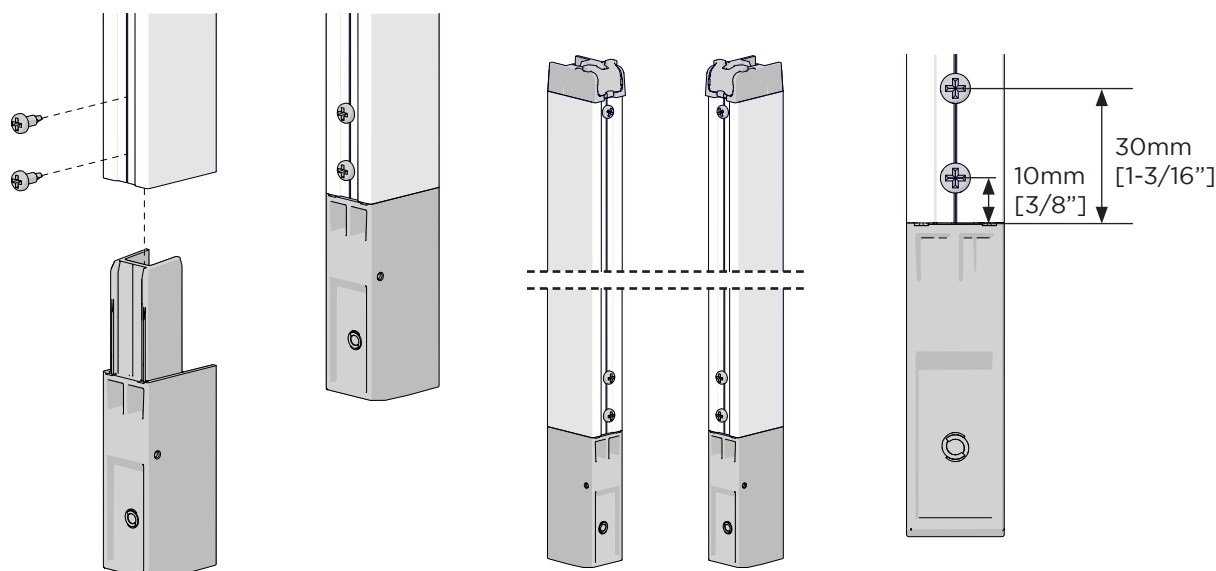


- 2** Fasten the Bottom Stops in the Inner Rail with the supplied screws.

Repeat for both Inner Rails (**skip to step 3 for Ultra-Lock**).

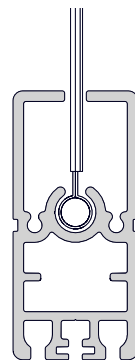
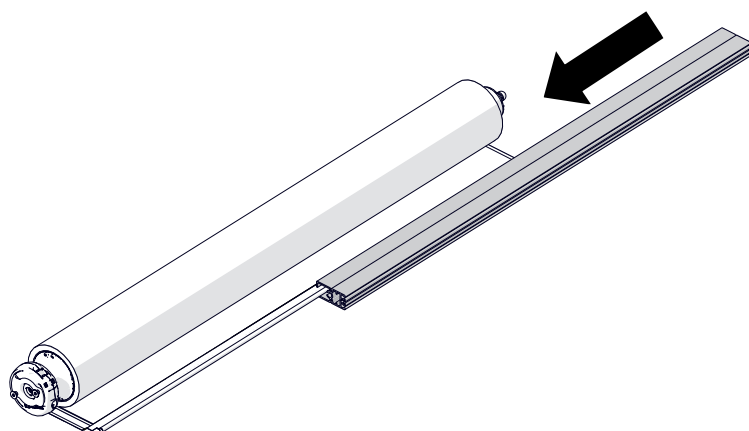


- 3** (Only for Ultra-Lock) - Fasten the Ultra-Lock Housing in the Inner Rail with the supplied screws. Repeat for both Inner Rails.

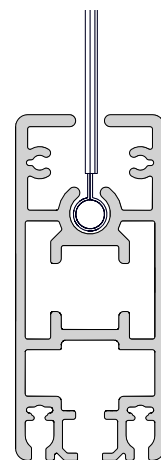


WEIGHT BAR ASSEMBLY

- 1** Slide weight bar onto fabric

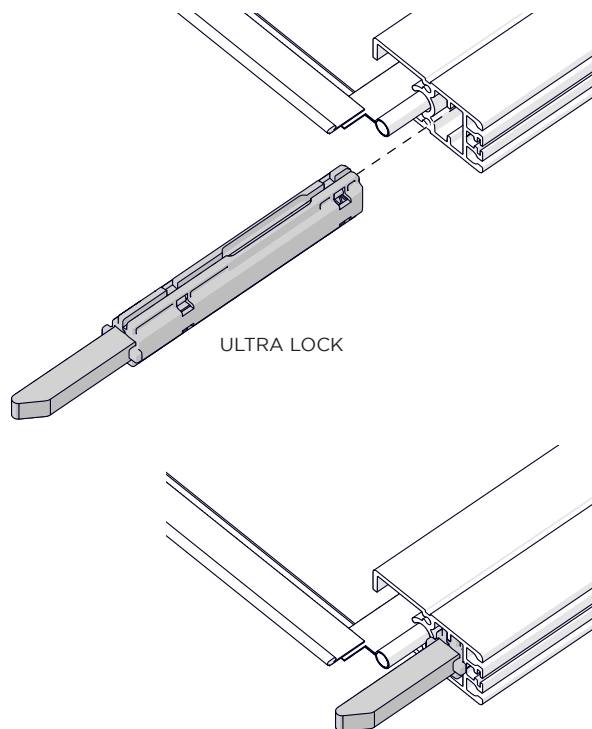


F56 WEIGHT BAR

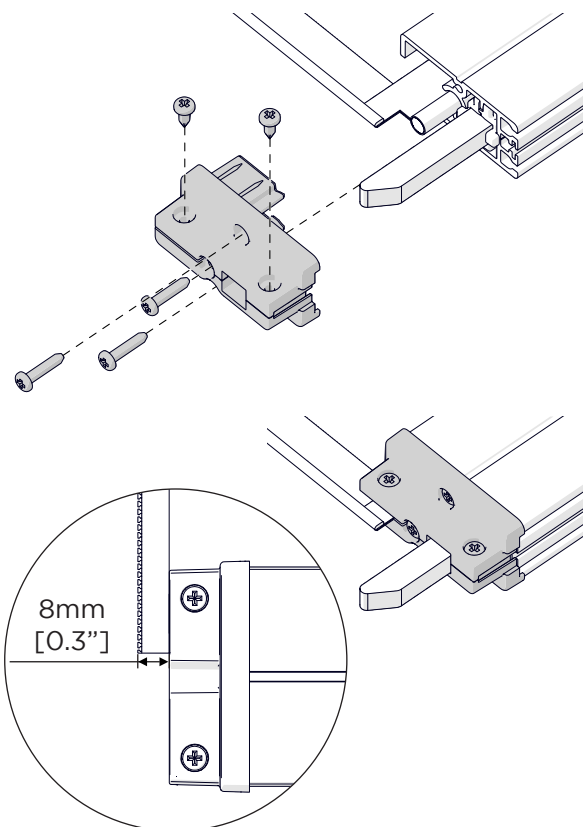


F72 WEIGHT BAR

- 2** (Only for Ultra-Lock) - Insert ultra lock on one end

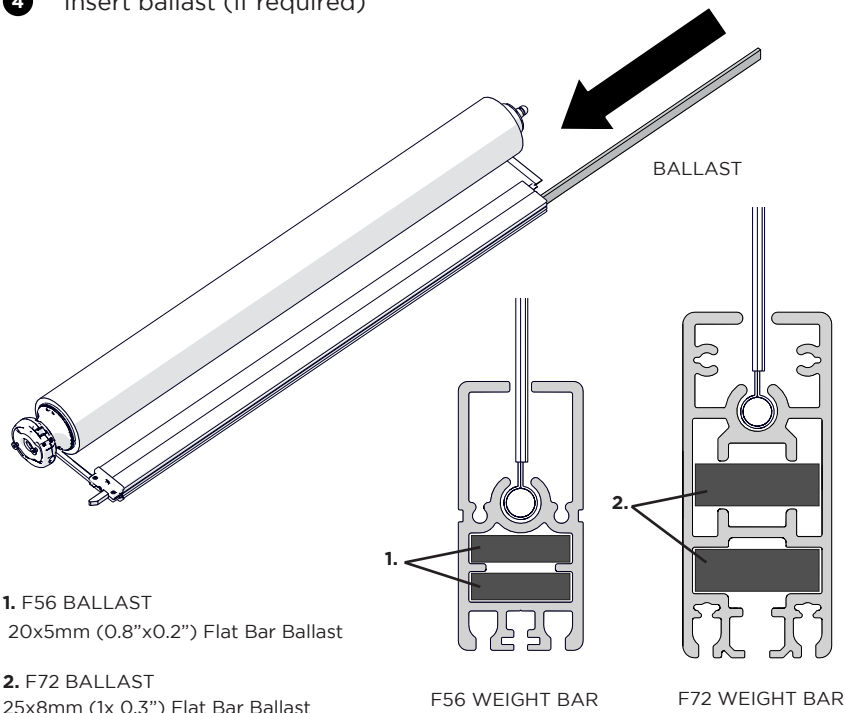


- 3** Insert end caps



WEIGHT BAR ASSEMBLY

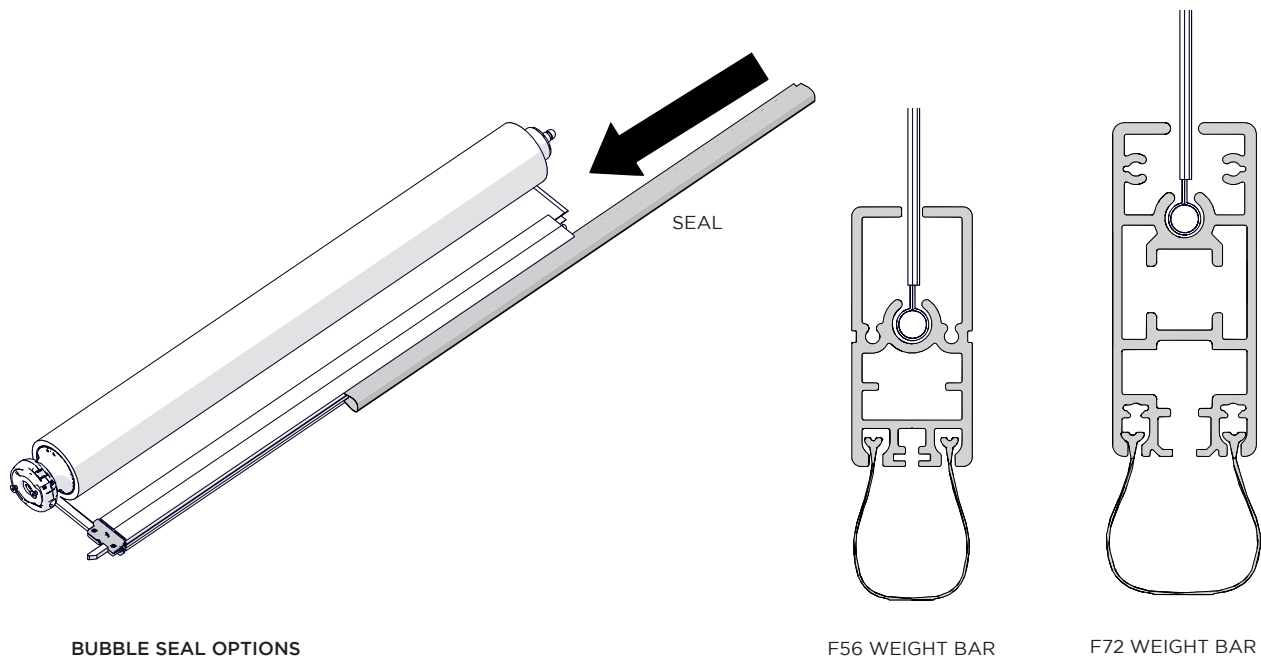
4 Insert ballast (if required)



NOTE

- Ballast is recommended in all motorized and crank control shades, especially with the Ultra-Lock.
- If the ballast has been cut to size, use a Zinc-rich primer to protect the cut edges from corrosion.
- If using ballast on shades wider than 4m, only put the ballast on the outside edges.
- Max 2x lengths per ballast opening, total maximum of 4x lengths per weight bar.
- Extra ballast in the centre will create additional tube deflection.

5 Insert seal (if required). Silicone spray can assist with smooth insertion.



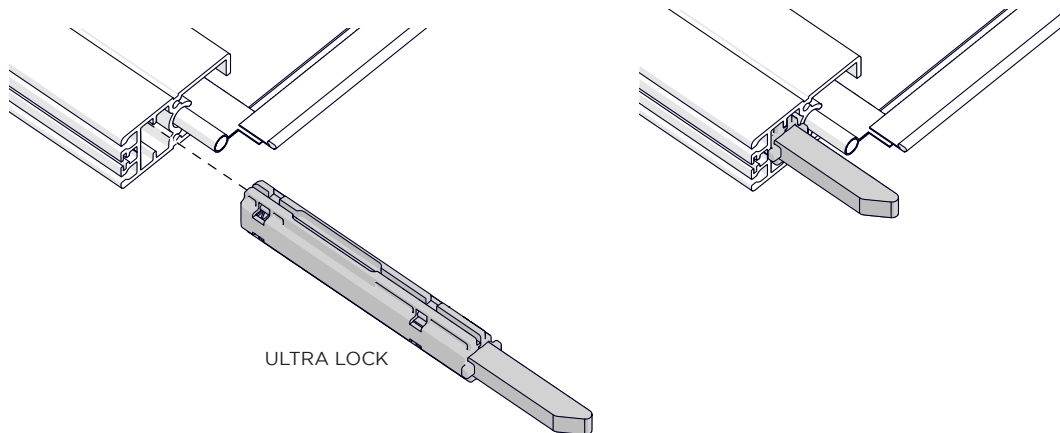
SCAN HERE

NOTE

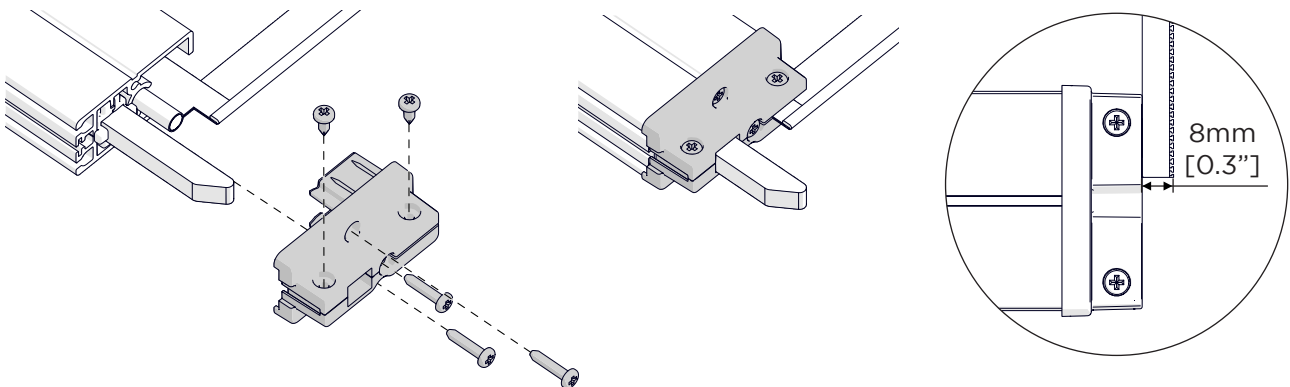
Ultra-Lock Seal must be used for installations with the Ultra-Lock.

WEIGHT BAR ASSEMBLY

- 6** Insert components at the other end



- 7** Attach end caps



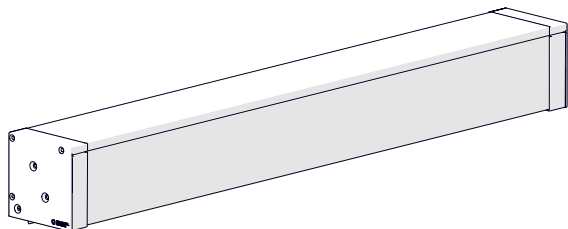
PREPARE & PACK FOR TRANSPORTATION

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

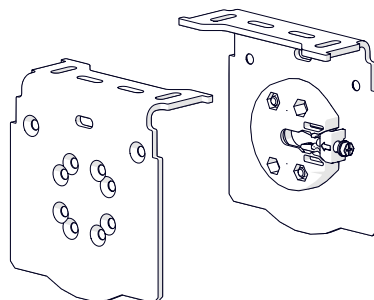
Box 120

Box 160

Box 190



Open Brackets

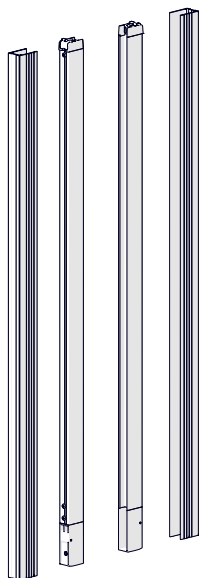


OR

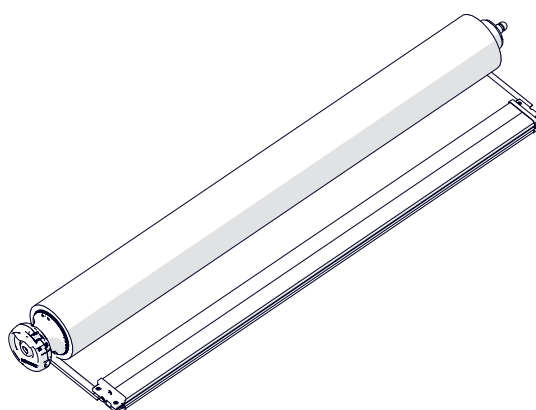


Store idler/spring adapter retaining clip until required (can be left in adaptor as shown)

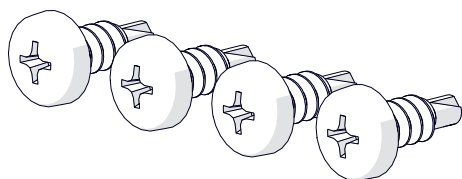
Side Guide



Blind



Screws (quantity as required)



APPENDIX A: ZIPSCREEN FASTENER LIST

| DESCRIPTION | WHERE USED |
|--|---|
| Screw, Self Tapper, Type AB, Phillips, Pan Head, #6 x 3/8" | Weight Bar End Caps - Pin fabric |
| Screw, Socket Head, Cap, M6 x 40 (24mm length partial thread) | Box 160 Extreme Idler Adaptor |
| Screw, Cap C/Sunk Head, M6 x 10mm | Zamak Adaptor (Open Brackets) |
| Screw, Cap C/Sunk Head, M6 x 12mm | Zamak Adaptor (Box 120/160) |
| Screw, Cap C/Sunk Head, M6 x 16mm | FT15 Bracket Adaptor, RE01-0214 Idler Adaptor |
| Screw, Cap C/Sunk Head, M6 x 25mm | Cranks, Box 190 - Stopper Bracket |
| Screw, Cap C/Sunk Head, M6 x 50mm | Box 190 - Bracket Extrusion |
| Screw, Cap C/Sunk Head, M8 x 16mm | Zamak Adaptor, Box 190 & Extreme |
| Screw, Button Head, M6 x 12mm | Box 190, Zipscreen Extreme Open Bracket |
| Screw, Phillips, C/Sunk Head, Metric, M4 x 25 | Box 190 - Bushing |
| Screw, Thread Forming - Type PT, TORX-T20, CSK, Metric K40 x 16mm | Extreme Tube End Plates |
| Screw, Self Drilling, Phillips, Pan head, ST3.5 x 9.5mm | Top Stop, Bottom Stop, Ultra-Lock Housing |
| Screw, Self Tapper, Type AB, Phillips Head, CSK, #8 x 1" | Box 190 - Extrusion |
| Screw, Self Tapper, Type AB, Phillips Head, CSK, #8 x 2" | Box 120/160 End Plates - Extrusion |
| Screw, Self Drilling, Phillips, Pan Head, #6-20 x 13mm | SB07 Bolt Lock |
| Screw, Self Tapper, Thread Cutting, Type 25, Phillips, Pan Head, #6 x 5/8" | Weight Bar End Caps, Reducer, Crown |
| Nut M6, Plain hex Metric | FT15 Bracket Adaptor |
| Nut, Hex, Nyloc, M6 | RE01-0214 Idler Adaptor |
| Screw, Cap C/Sunk Head, w Nylon Patch, M6 x 10mm | RE01 Spring Bracket Adaptor |
| Screw, Cap C/Sunk Head, w Nylon Patch, M6 x 16mm | Box 160 Extreme Idler Adaptor |
| Screw, Cap C/Sunk Head, w Nylon Patch, M6 x 25mm | Box 160 AX Motor Spacer |

APPENDIX B: DOCUMENT CHANGE NOTES

| REVISION | CHANGES |
|-----------------------|--|
| v4.0 September 2023 | Updated codes and items for Top Hardware Upgrade changes. Combined Zipscreen & Zipscreen Extreme Assembly Manuals. 78mm Tube deduction changed to W-118mm (+2mm, was W-116mm). |
| v4.1 February 2024 | Updated RE01 gear codes |
| v4.2 August 2024 | Added Box 160 hardware. |
| v4.3 January 2025 | Updated BOM (US Only). Removed white string reference from Box 160. |
| v4.4 June 2025 | Updated BOM, removed metal handle reference and added externals fastener list. |