

Zipscreen **ASSEMBLY MANUAL**

v4.1 | February 2024



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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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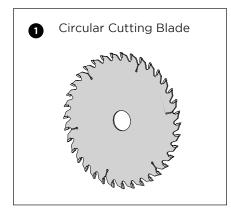
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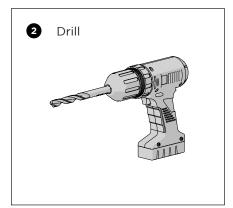
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SECTION A | TOOLS AND ADDITIONAL ITEMS REQUIRED

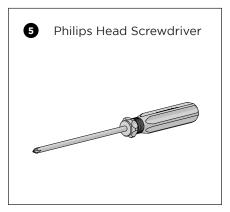
TOOLS REQUIRED

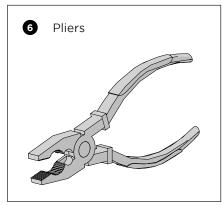


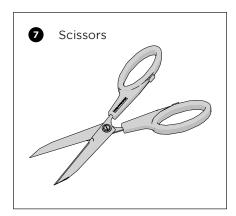


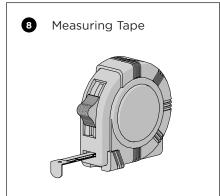


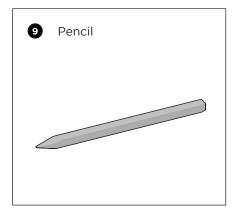






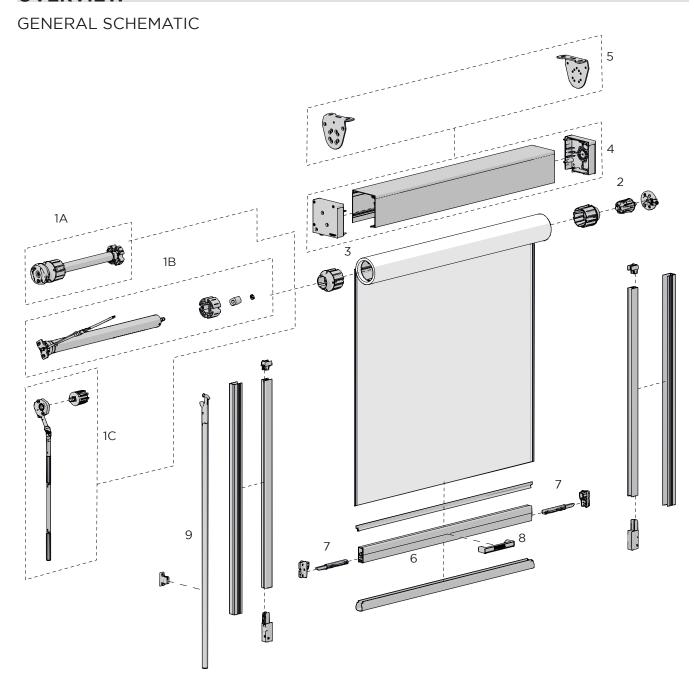








OVERVIEW



SYSTEM INDEX:

1. CONTROLS:

- A Booster
- B Motor
- C Crank
- 2. IDLER
- **3. TUBE:** 78mm/110mm/130mm
- **4. BOX:** 120/190
- 5. BRACKETS: Square/Extreme
- **6. WEIGHT BAR:** F56/F72
- 7. LOCK: Ultra Lock/Bolt Lock
- 8. HANDLE: Plastic/Metal
- 9. PULL STICK



BOM

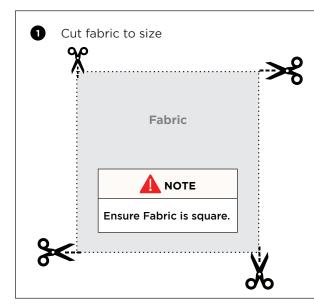
	PART NUMBER	DESCRIPTION	U.O.M
BOX 120	RE01-1101-xxx120	Box 120 End Plates	Set
	RE01-1105-xxx001	Box 190 – End Plates & Screws Only	Set
BOX 190	RE01-1105-020100	Box 190 - Universal Bracket Extrusion (100mm)	Piece
	RB80-1503-xxx110	Extreme Bracket Adaptor Kit (Motor & Idler Plate)	Set
	SB03-1301-009190	Zipscreen Extreme Open Bracket Kit	Set
	RB80-1503-xxx110	Extreme Bracket Adaptor Kit (Motor & Idler Plate)	Set
OPEN	RE01-3030-xxx000	Open Brackets SQUARE Mild Steel	
	RE01-3031-xxx000	Open Brackets SQUARE Stainless Steel	Set
	KE01-3031-XXX000	Open Brackets SQUARE Stainless Steel	
SIDE	SB05-1412-050001	Funnel w/ Integrated Top Stop + Screw	Set
CHANNELS	SB05-1511-050001	Inner Rail Bottom Cap Set	Set
CHAINNELS	HD82-1923-xxx013	Self-Drilling 8Gx1/2" Pan, C4 Galv, Painted	Piece
	RE01-0421-050001	External Booster V2 COMPACT	
	RE01-0421-050002	External Booster V2 LIGHT	
SPRING	RE01-0421-050003	External Booster V2 STANDARD	Unit
45mm	RE01-0421-050004	External Booster V2 HEAVY DUTY	Offic
	RE01-0421-050005	External Booster V2 EXTRA HEAVY DUTY	
	RE01-0421-050006	External Booster V2 ULTRA HEAVY DUTY	
	RE01-0513-xxx003	Gear 5:1 [7.5Nm] + Screws	Set
	RE01-0517-xxx003	Gear 8:1 [20Nm] + Screws	361
GEAR	RE01-0510-020000	RE01 Gear Universal Joint	Piece
GLAIN	RE01-0502-050045	Crank Adaptor 45mm	Piece
	RB05-9102-xxx000	Gear/Crank Operation Arm Support	Piece
	RB05-9101-xxxLLL	Gear/Crank Operation Control Arm - 100 / 150 / 200 cm	Piece
	MT01-1145-050001	AUTOMATE ARC FT Motor [Ø45/15Nm/15rpm] (AU)	
	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)	Unit
	MT01-1145-0690xx	AUTOMATE ARC AX30 Motor (Refer catalogue for Part #'s)	
	MT01-1145-0690xx	AUTOMATE ARC AX50 Motor (Refer catalogue for Part #'s)	
	Refer Catalogue.	AUTOMATE Remotes, Sensors or Accessories	-
	RE01-0603-025000	AUTOMATE 45mm SLIM MOTOR 10mm Sq. Shaft (US)	Set
MOTOR	RE01-0601-025000	AUTOMATE 45mm Motor Bracket Adaptor + Screws (US)	Set
	RE01-0680-050508	AUTOMATE 78mm Drive Wheel (Impact Detect)	Piece
	RE01-0680-050518	AUTOMATE 78mm Drive Wheel + Insert (Impact Detect) (US)	Set
	MTCLIP-35-45	Motor Drive Clip for 35/45mm Motors (US)	Piece
	RB56-0762-014050	Zamak Adaptor with Lock Ring & Screws	Set
	RB80-0301-073100	S100 - Universal Drive Wheel	Unit
	RB80-0701-073100	S100 - Universal Motor Crown	Unit
	MT03-0198-025008	AUTOMATE 30Nm/50Nm Extreme Drive Shaft Adaptor	Set
	RE01-0214-050000	Idler/Spring Adaptor MKII + Screws	Set
IDLER	RB80-0202-073100	EXTREME Bearing Idler Universal S100	Unit
	RE01-0213-050045	Bearing Idler 45mm	Piece
	RE20-0303-xxx002	F56 HD End Cap Set Zipscreen (2 piece w/ screws)	Set
WEIGHT DAD	RE15_0512_vvv000	F72 Multi-Bar End Caps Zipscreen (2-piece w/ screws)	Set
WEIGHT BAR	SB07-2202-xxx000	External Weight Bar Pull Handle Metal	
OPTIONS	SB07-2203-050001	External Weight Bar Handle Zipscreen	Set
	RE01-0420-050000	External Pull Stick Adjustable w/ Wall Clip	Set
	CD07 2402 050004	Weight Day Bolt Look Set	
LOCKS	SB07-2103-050001	Weight Bar Bolt Lock Set	Set
	RE15-0422-050001	Zipscreen Ultra-Lock V2 Set	Set
TUDE	RB80-0501-073110	S100 - Zipscreen reducer end plate set - 110mm	C
TUBE	5555 5554 575455	C100 Tinggroon reducer and plate set 120mm	Set
PARTS	RB80-0501-073130	S100 - Zipscreen reducer end plate set - 130mm	

DEDUCTIONS

FABRIC NOT SUPPLIED Fai			SB91-0409-050015 7m				AW92-0901-000LLL	RE01-0379-000LLL			SB91-1018-050200 F7		SB91-0013-050150 8m	SB91-0018-050040 16	OPTIONS SB91-0008-050050 UII			٠.		RE15-0101-xxx F5	SB04-0705-xxxLLL Far	SB04-0708-xxxLLL LF	SB04-0703-xxxLLL ^	SIDE SB04-0702-xxxLLL UT	יוייי ביוי		SB91-0516-050009 Fo	RE01-0107-xxxLLL	ROX 190 RE01-0106-xxxLLL Bo	SB91-0012-050300 Fa		BOX 120 RE01-0102-xxxLLL Bo	RE01-0101-xxxLLL Bo	PART NUMBER		
o No. o Gauge, Double Sideu	Fabric Drop Zin No. 6 Gause Double Sided	Fabric Width	7mm Fabric Spline w/ 15mm Tail 100m roll	Zip No. 6 Gauge, Double Sided [For 78 AL Tube ONLY]	S100 - 130mm Aluminium Tube	S100 - 110mm Aluminium Tube	78mm Steel Tube	78mm HD Tube (US Only)	78mm STD Tithe (1/6 Optic)	78mm STD V2 Tube w/ screw features	F/2 Ballast - 25 x 8mm Ballast x 2m (1.5kg/m) Wrapped	F56 Ballast - 20 x 5mm Ballast x 2m (0.8kg/m) Wrapped	8mm Bubble Seal Push Fit 150 Lm Roll	16mm Bubble Seal F72 40 Lm Rolls	Ultra-Lock Seal V3	16mm Bubble Seal F56 5.8 metre Lengths	Weight Bar Bubble Seal Strip 8 x 12mm x 5.8 metre	7mm Fabric Spline with 15mm tail 100m roll	F72 Multi-Bar	F56 HD Weight Bar	Face Fix U-Mounting Rail	L Fixing Rail for Box 190	L Fixing Rail for Box 120	U Mounting Rail	FIRE TAIL	Topor Pail	Foam Tape	Box 190 Front Cover	Box 190 Universal Extrusion (Top & Back)	Fabric Brush - T-Slot - 10mm High	Box 120 Semi Cover	Box 120 Front Cover	Box 120 Back	DESCRIPTION		
and the second control of the second control	mm (in)	mm (ii)		mm (in)		ı		mm (in)				mm (in)			mm (in)			mm (in)	mm (in)		mm (in)	mm (in)		mm (in)	1	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	mm (in)	U.O.M		
	78mm Tu 110mm T 130mm T	1		·				** TEO (T.00)	W - 119 (4 69) W - 123 (4 84)			W - 155 (6.10) or w	*	-	W	<		<	8	- 1	^ When using Face Fix U- Mounting Rails, refer RECESS FIX Deductions			D - 125 (4.92) ^	^^ with Ultra-Locks D - 210 (8.27)	D-143 (5.63) ^^						W - 71 (2.80)		78mm BOX 120	ZIPSC	
	78mm Tube: D + 250 (9.84), 110mm Tube: D + 350 (14.57) 130mm Tube: D + 430 (16.93)	W - 87 (3.43)	v = 07 (3.43)	W - 87 (3.43)	W - 129 (5.08)	400 (500)			184)			W - 155 (6.10) or with Ultra-Lock W - 455 (17.91)	W - 126 (4.96)	- 109 (4.29)	W - 109 (4 29)	W - 94 (3.70)	0.7.20	W - 87 (3.43)	W - 126 (4.96)		ESS	D - 191 (7.52)		D - 183 (7.20)		D - 186 (7.32)		W - 29 (1.14)		W + 171 (6.73)		.80)		20 BOX 190	ZIPSCREEN FACE FIX	
					W - 119 (4.68)	440 (400)						5 (17.91)										L (7.52)		FACE FIX: D - 175 (6.90) TOP FIX: D - 180 (7.08)	TOP FIX: D - 198 (7.80)	FACE FIX: D - 193 (7.60)								S100 OPEN		
								ATT (1.10)	W - 114 (4 49)			W - 150												D - 125	^^ with U D - 210	D - 143 (OPEN OPEN	z	
	78mm Tube: 110mm Tube: 130mm Tube:	W-82	¥ - Q	W-8:				110 (7.03)	W - 118 (4 65)			(5.91) or with U	W - 12	- TC	W - 10	W - 8:		W - 82	W - 12					D - 125 (4.92) ^	^^ with Ultra-Locks D - 210 (8.27)	D - 143 (5.63) ^^						W - 66 (2.60)		BOX 120	IPSCREEN SIL	
	78mm Tube: D + 250 (9.84) 110mm Tube: D + 350 (14.57) 130mm Tube: D + 430 (16.93)	W - 82 (3.23)	2 (3.23)	W - 82 (3.23)	W - 124 (4.88)							W - 150 (5.91) or with Ultra-Lock W - 450 (17.72)	W - 121 (4.76)	(4.10)	W - 104 (4 10)	W - 89 (3.50)	(2.50)	W - 82 (3.23)	W - 121 (4.76)			D - 19:		D - 183 (7.20)		D - 186 (7.32)		W - 24 (0.94)		W + 176 (6.93)				BOX 190	ZIPSCREEN SIDE / RECESS FIX	
					W - 114 (4.49)							0 (17.72)										D - 191 (7.52)		FACE FIX: D - 175 (6.90) TOP FIX: D - 180 (7.08)	TOP FIX: D - 198 (7.80)	FACE FIX: D - 193 (7.60)								S100 OPEN	×	



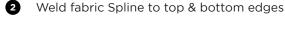
FABRIC PREPARATION



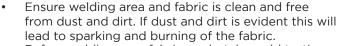


Some fabric types should be used with caution as the weld quality can be problematic. Consult your fabric supplier for the recommended welding requirements of the following materials:

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







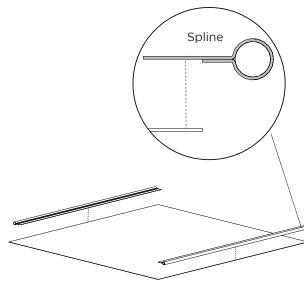
 Before welding your fabric, undertake weld testing on scrap pieces.

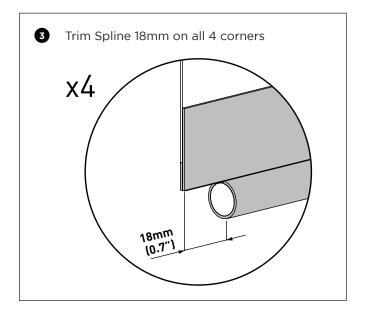
 If the temperature / amperage on the welding machine is too low, the weld will not bond the fabric properly, this is referred to as a 'cold weld'.

 If the temperature / amperage on the welding machine is too high, the fabric will burn.

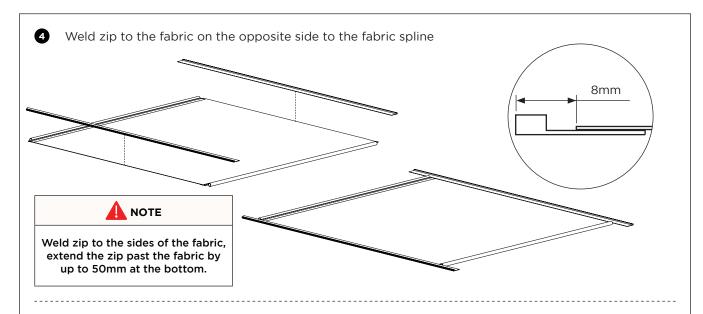
When using a High Frequency Welding Machine, ensure the welding overlap is at least 50mm. If the overlap is any shorter than this a 'cold weld' may occur at this area.

 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.

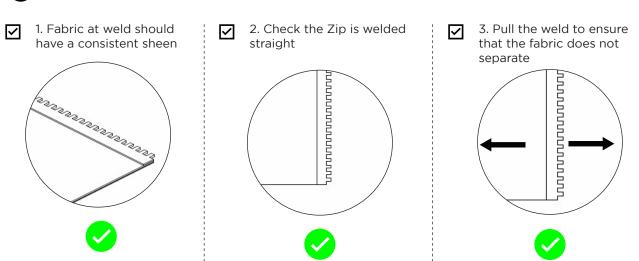




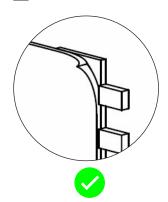
FABRIC PREPARATION



VISUAL CHECKS



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.



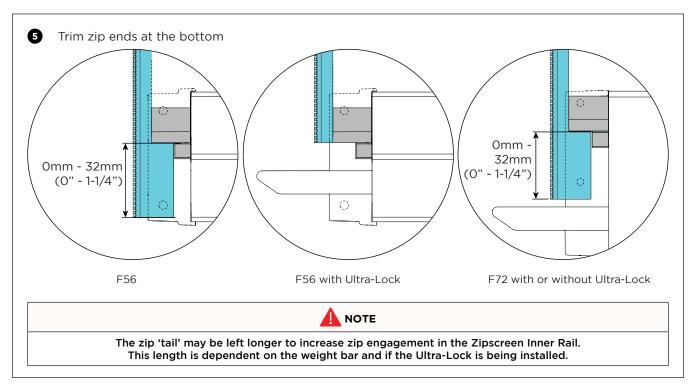
A bad weld will also peel, if the coating on the fabric and zip remain intact and do not bond this means the melting point has not been achieved.

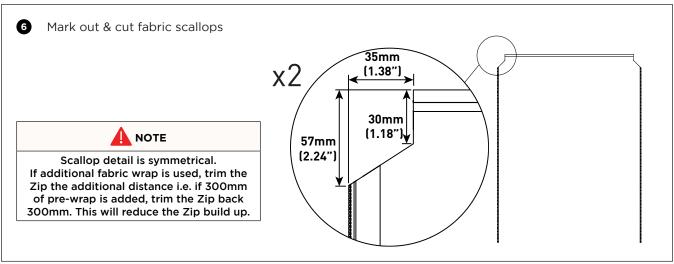
Increase welding temperature.

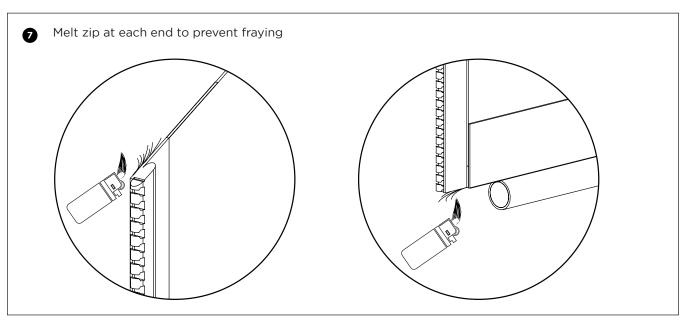
If the test weld passes both tests, proceed with welding your blind fabric. Rollease Acmeda recommends the above testing is undertaken prior to each welding session and when the fabric comes from different batches. Inconsistencies in welding will hinder the performance of the Zipscreen Blind.



FABRIC PREPARATION







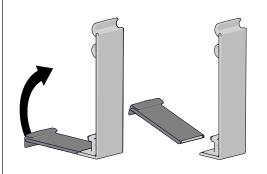
78MM TUBE | BOX 120 END PLATES



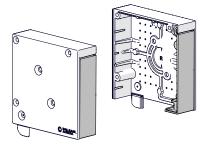
Remove end plate cover leg This is only required:

At one end when using a crank control.

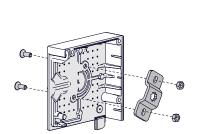
At both ends when using the Box 120 Semi Front Cover.



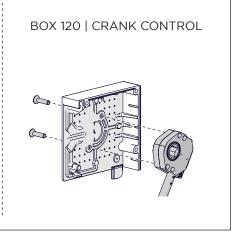


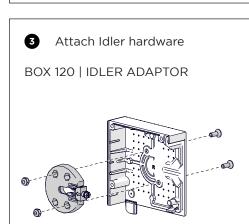


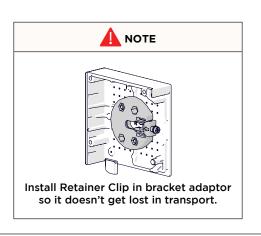




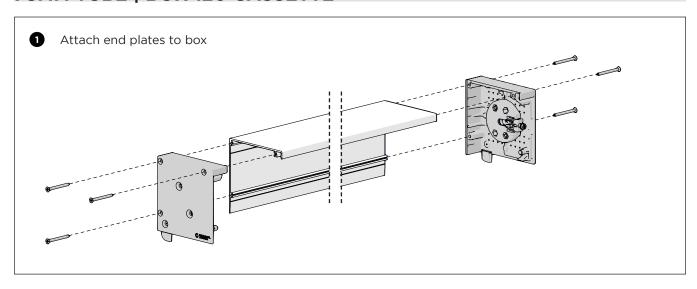
BOX 120 | MOTOR CONTROL

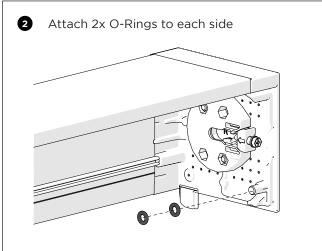


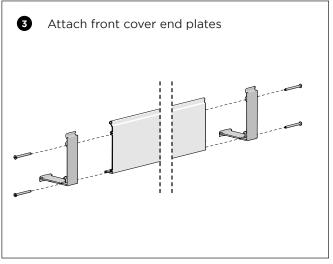


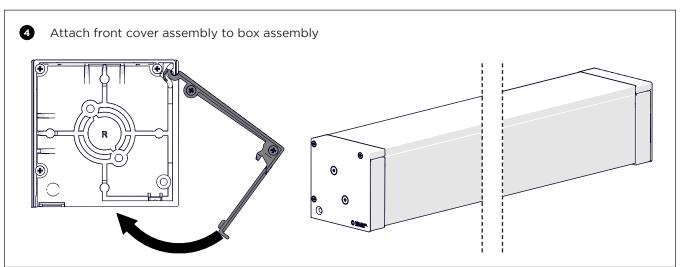


78MM TUBE | BOX 120 CASSETTE

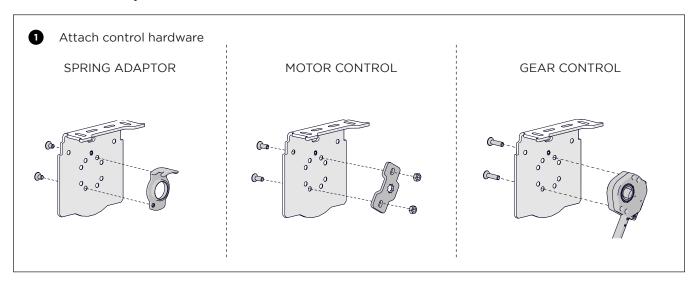


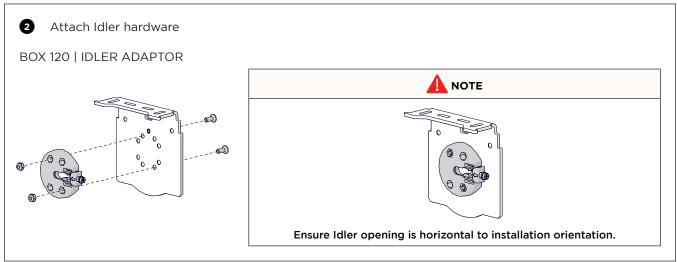




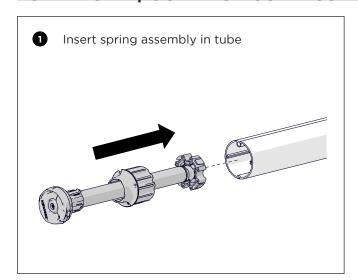


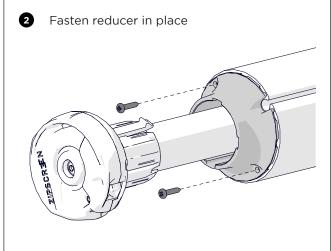
78MM TUBE | OPEN BRACKETS





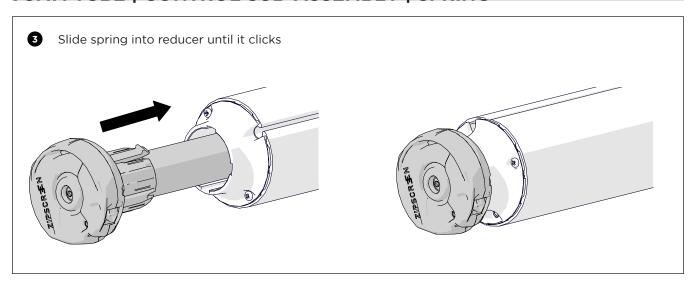
78MM TUBE | CONTROL SUB-ASSEMBLY | SPRING



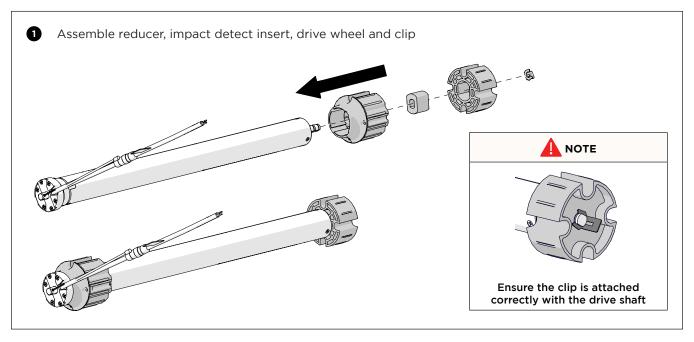


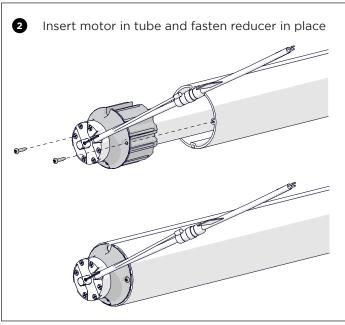


78MM TUBE | CONTROL SUB-ASSEMBLY | SPRING

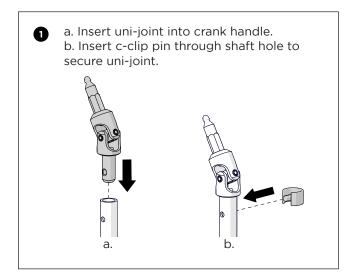


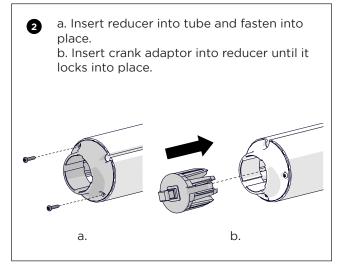
78MM TUBE | CONTROL SUB-ASSEMBLY | MOTOR



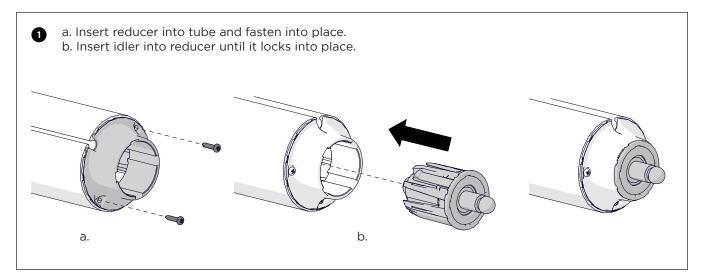


78MM TUBE | CONTROL SUB-ASSEMBLY | CRANK

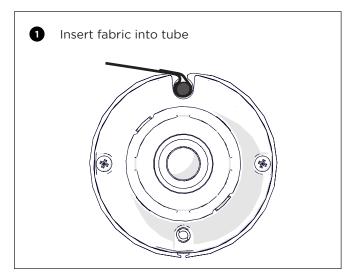


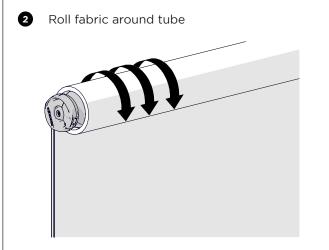


78MM TUBE | CONTROL SUB-ASSEMBLY | IDLER



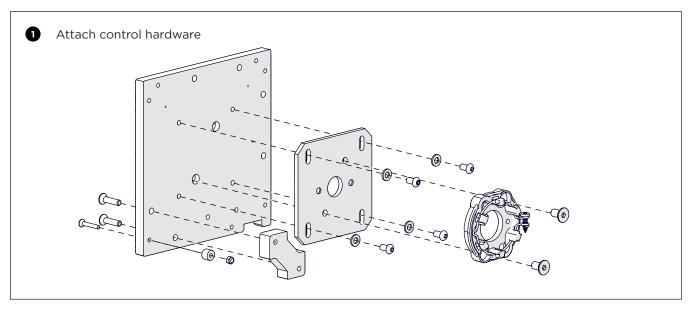
78MM TUBE | FABRIC ASSEMBLY

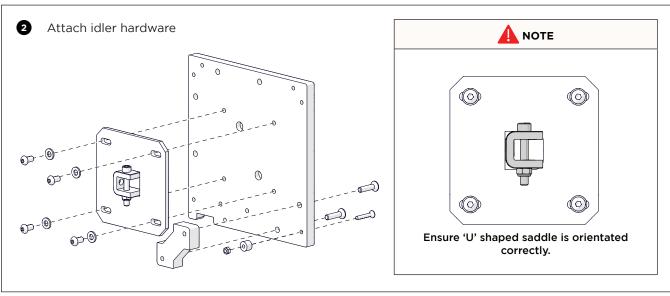




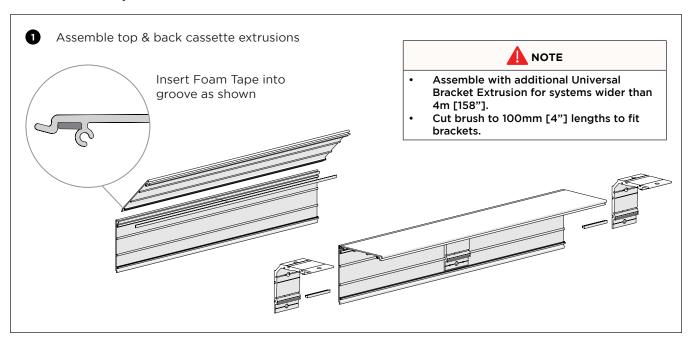


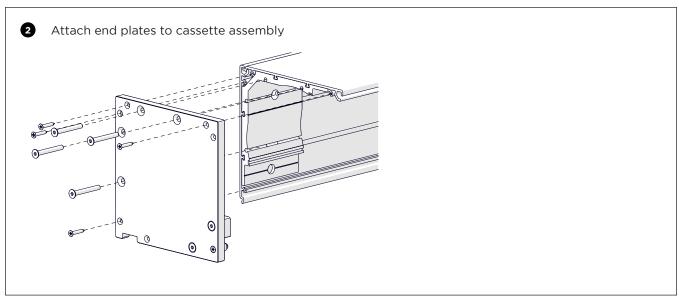
S100 TUBE | BOX 190 END PLATES | MOTOR CONTROL

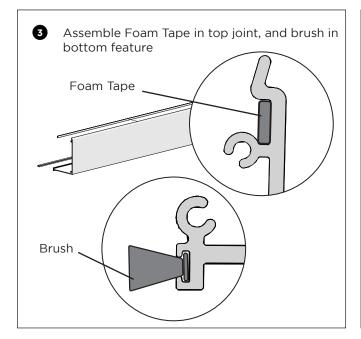


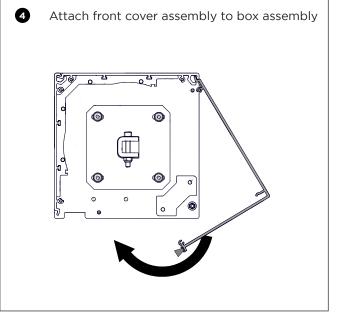


S100 TUBE | BOX 190 CASSETTE



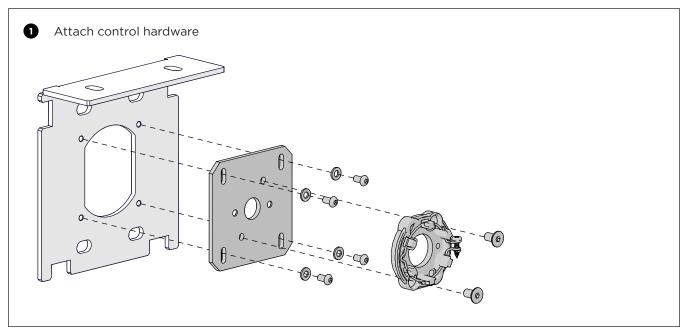


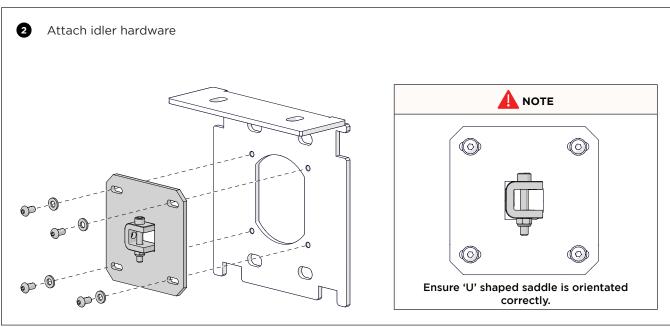




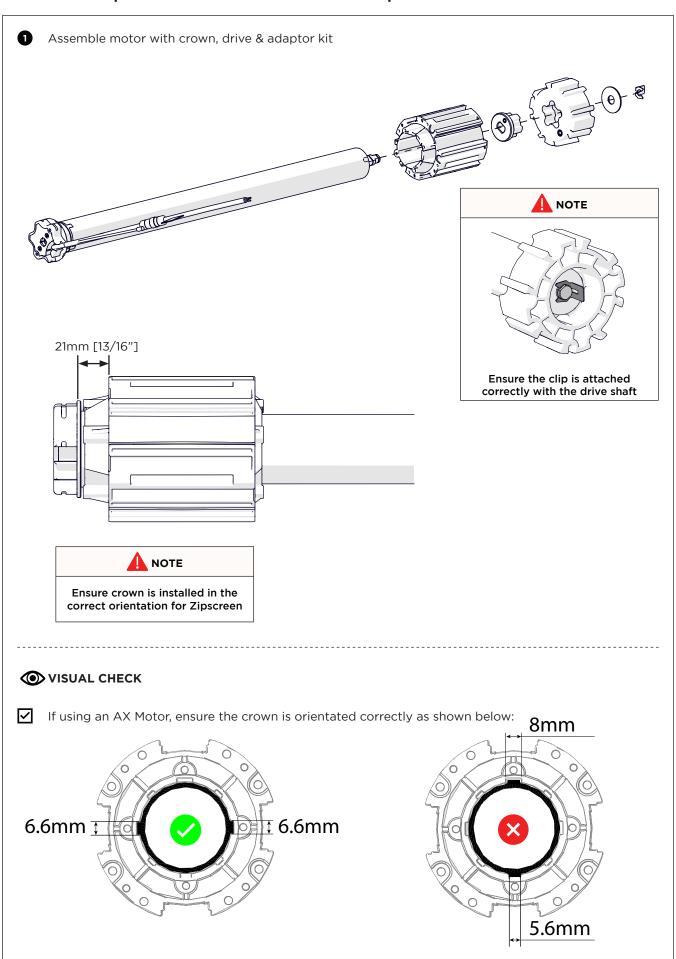


S100 TUBE | OPEN BRACKETS

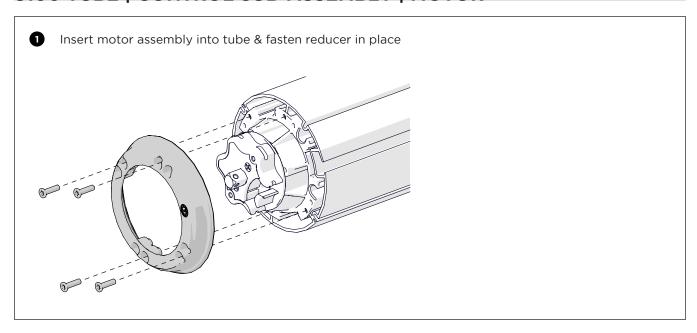


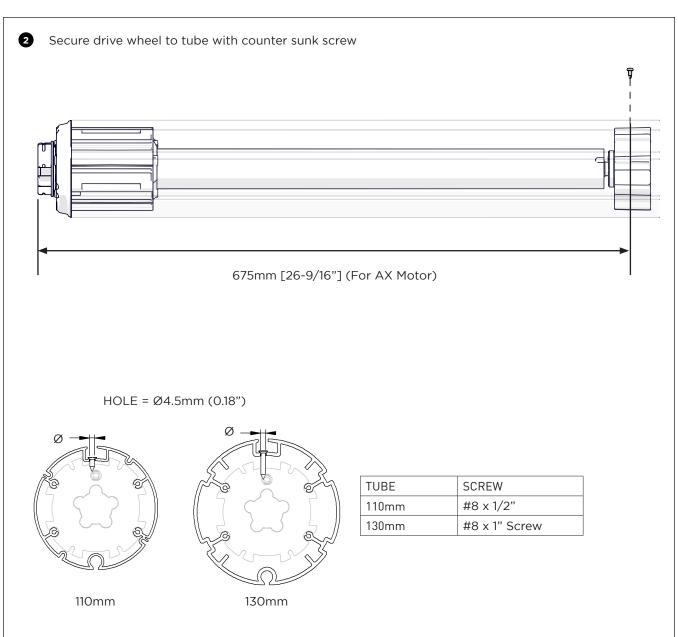


S100 TUBE | CONTROL SUB-ASSEMBLY | MOTOR

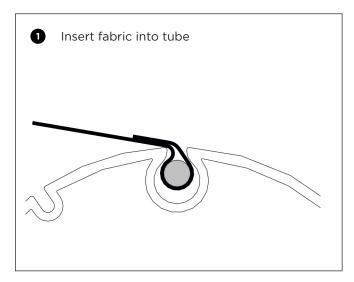


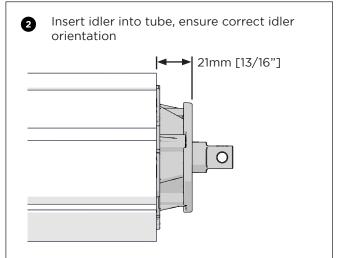
S100 TUBE | CONTROL SUB-ASSEMBLY | MOTOR

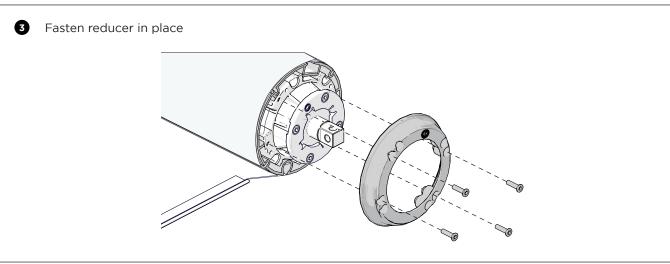


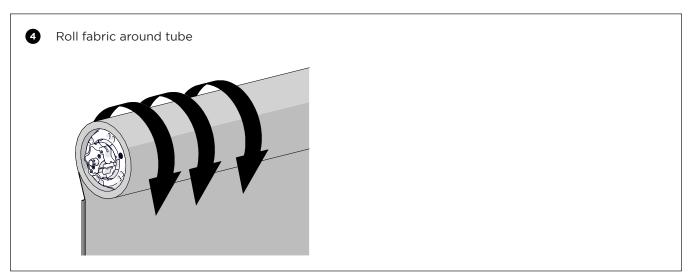


S100 TUBE | FABRIC ASSEMBLY



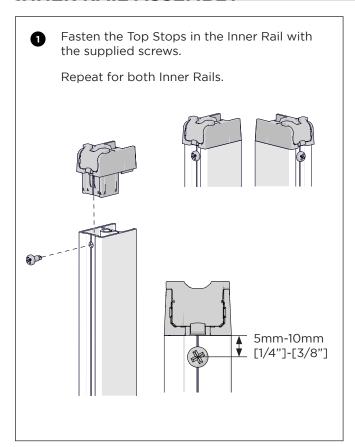


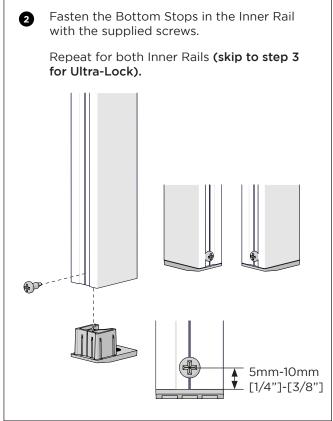


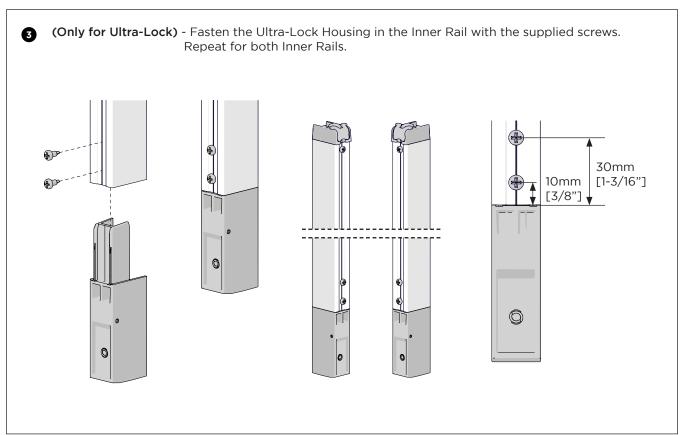




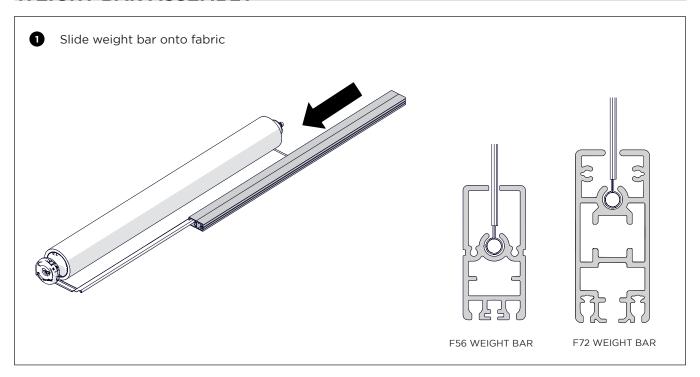
INNER RAIL ASSEMBLY

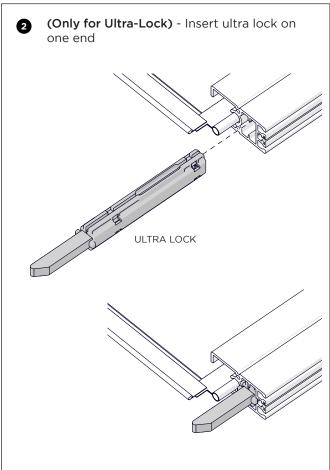


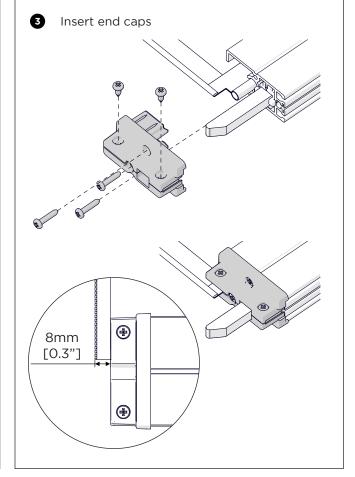




WEIGHT BAR ASSEMBLY

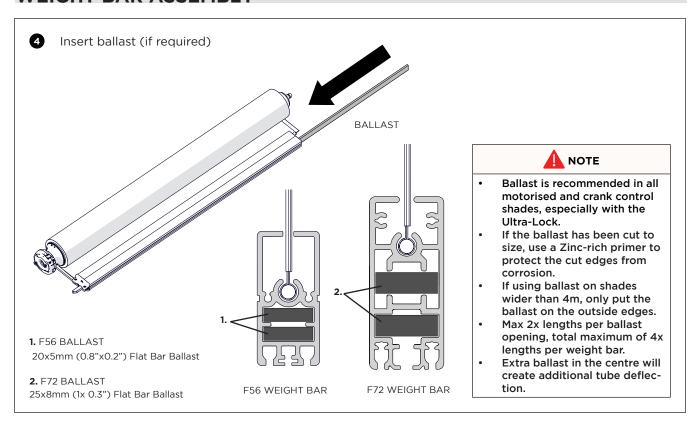


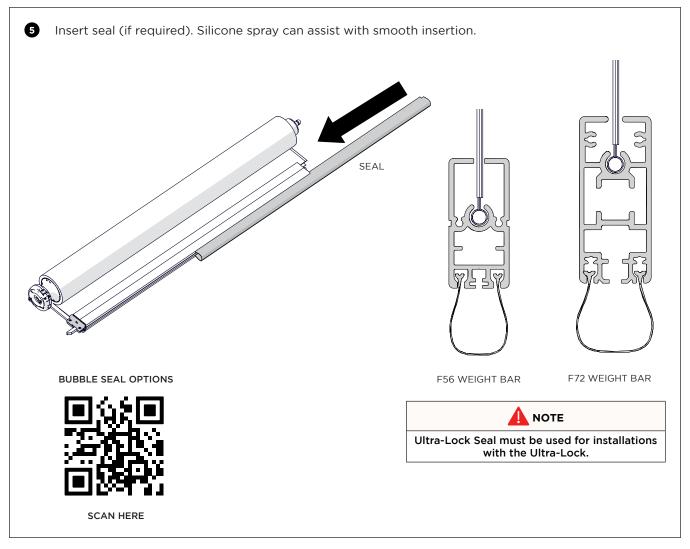




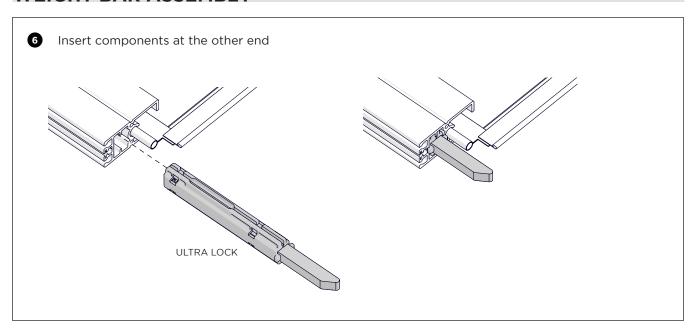


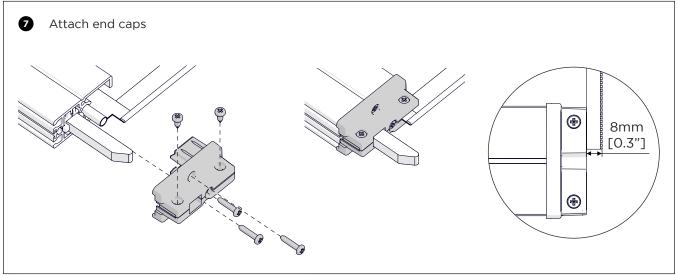
WEIGHT BAR ASSEMBLY





WEIGHT BAR ASSEMBLY

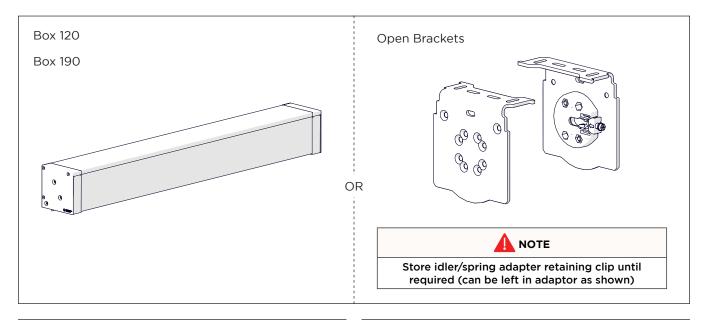






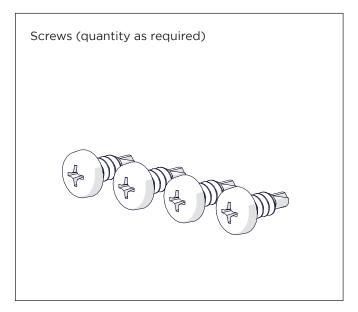
PREPARE & PACK FOR TRANSPORTATION

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









SECTION F | 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

