

ALPHA AWNING SERIES – PHASE II

INSTALLATION AND MEASURING
GUIDELINES

Hunter Douglas Limited Australia

PRODUCT MANUAL INFORMATION

*MEASURING AND INSTALLATION MANUAL ONLY.
PLEASE REFER TO YOUR ONLINE PORTAL FOR THE
UPDATED VERSION.*

This Product Manual is only a guide to the measurement and installation.

Hunter Douglas Limited does not warrant the accuracy contained in this manual.

The information contained in this Product Manual is based on the measurement and installation data known to us at the time of issue of the Product Manual and is therefore subject to changes or amendments at any time without notice, and the right to change or amend is hereby expressly reserved by Hunter Douglas Limited.

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SAFETY AND WARNING ADVICE

A minimum of 2 people are necessary for proper installation.

PLEASE NOTE:

Installation fixings will NOT be supplied with any of the Alpha Awning Series.

Please refer to fixing section. Each installation should be assessed on a case by case scenario.

WARNING! – The brackets must be fixed solidly to a substantial surface. Hollow bricks or foam products are not suitable. Brick veneer surfaces require at least 2 courses of brickwork above the bracket and 2 courses below.

GENERAL ADVICE

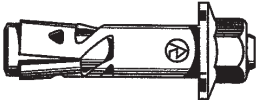
The electrical data is shown on the label of electric operating awnings.

Tools: The following tools are required for installation:

- Level
- Battery Drill
- Screwdrivers
- Hammer Drill
- Drill Bits
- Spanner
- Allan Key

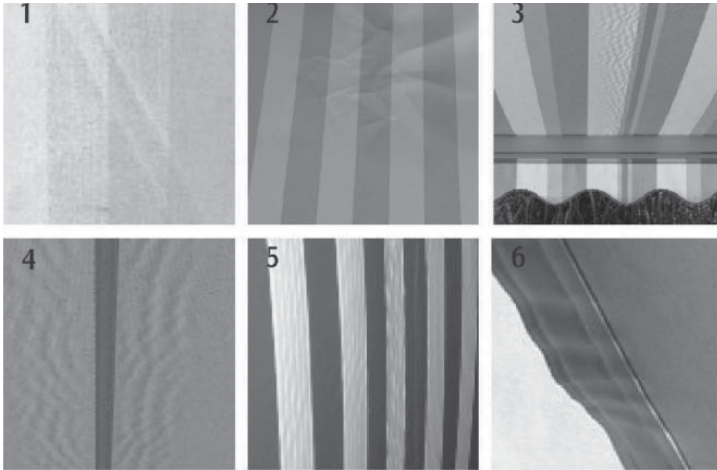
FIXINGS

Due to possible differences in specification, application and interpretation of results, users must make their own evaluation of the product to determine the suitability of fixings and their intended use.

ITEM	TITLE	DESCRIPTION
	Pan Head (Buildex) 8g x 50mm Available in Metal or Timber thread	Used to side fix channels.
	Waffer/Button Head (Buildex) 8g x 50mm Available in Metal or Timber thread	Used to face fix channels.
	Roofing & Cadding Hex Head (Buildex) 12g x 50mm Available in Metal or Timber thread	Used to fix universal brackets.
	Counter Sunk (Zenith) 10g x 50mm Available in Metal or Timber thread Stainless	Used to fix wire guide bottom bracket.
	Ramplug/Green Plug (Ramset) 50mm Length	Used to fit to brick or concrete
	Dyna Bolt (Ramset) 6m x 30mm	Used to face fix channels.
	Dyna Bolt (Ramset) 8mm x 50mm	Used to fix universal brackets.
	Counter Sunk (Ramset) 4.5mm x 30mm Stainless	Used to fix wire guide bottom bracket.

CHARACTERISTICS OF AWNING FABRICS

Some slight fabric curling may occur on fabric edge on large applications, whilst the following characteristics are considered normal occurrences.



- Creasing (Figs. 1, 2)
- Puckering (Figs. 3, 4, & 5)
- Tension Induced Stretching (Figs. 6)



OPTIONS AND LIMITATIONS

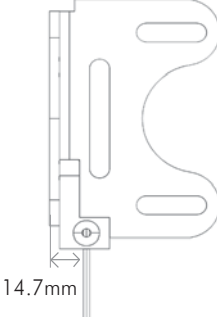
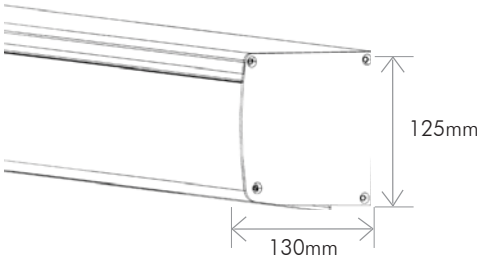
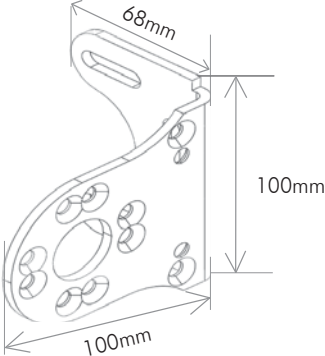
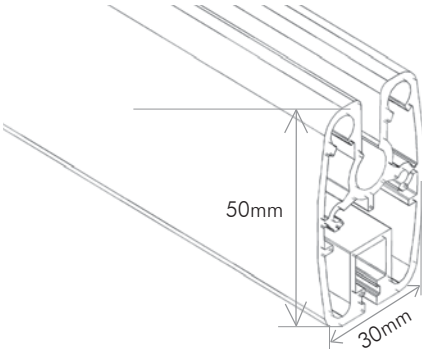
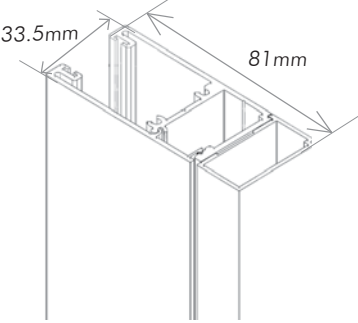
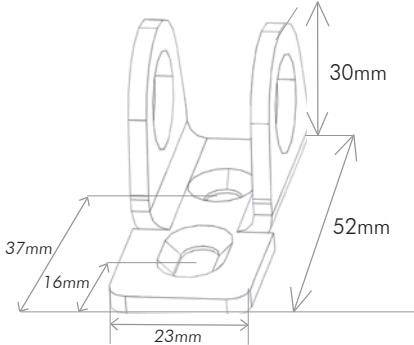
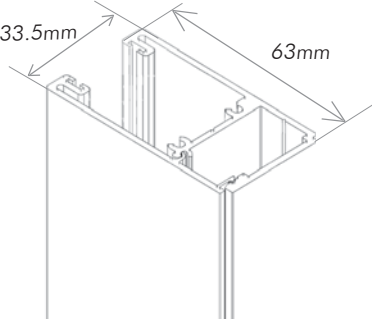
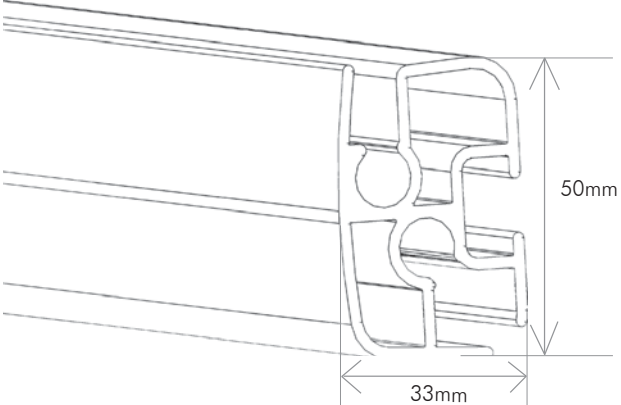
	CRANK GEAR	MOTORISED	INTERNAL CORD	SPRING
OVERALL MAX WIDTH	5000mm	5000mm	3500mm	3500mm
OVERALL MIN WIDTH	500mm	800mm	500mm	800mm
OVERALL MAX DROP	4000mm	4000mm	2900mm	2900mm
OVERALL MIN DROP	300mm	300mm	300mm	300mm
MAX AREA	16 Sqm	16 Sqm	10 Sqm	10 Sqm

MEASURING INSTRUCTIONS

Accurate measuring of the Alpha Awning Series is vital for successful fitting and consequential use. The product can be fitted on Face, Side or Ceiling fixing applications and can be operated by crank, cord, manual pull down (spring) or motorised.

- 2mm deduction for Reveal Installs
Face Fit → Supplied Overall Size
- +/- 2mm Manufacturing Tolerance

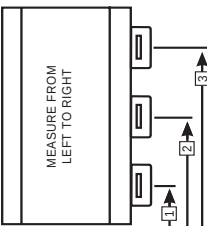
COMPONENT DIMENSIONS

	
CABLE GUIDE	HEADBOX
	
UNIVERSAL INSTALLATION BRACKET	BOTTOM RAIL
	
CHANNEL	BOTTOM CABLE BRACKET
	
STC CHANNEL	PIVOT ARM FRONT RAIL

ORDER FORM

ALPHA AWNING SERIES AWNING RANGE		DEALER:		DATE:		CUSTOMER:		NOTES		RECEIVED:	ONLY USE OFFICE
										ENTERED:	
										SALES ORDER:	

CONTROL OPTIONS INTERNAL TAPE WINCH (MAX 3.5m) ☐ 9:1 CRANK ☐ - BLACK ☐ - WHITE ☐ - SILVER ☐ SPRING (MAX 3.5m) ☐ MOTORISED ☐		BOTTOM RAIL OPTIONS WEIGHT BAR ☐ LOCKING BOLT ☐ HOLD DOWN SET ☐ BOTTOM RAIL BRUSH ☐ FABRIC VALANCE 150MM STRAIGHT ☐ FABRIC VALANCE 150 SCALLOP ☐		CRANK LENGTH 800mm ☐ 1200mm ☐ 1600mm ☐ 2000mm ☐ 2400mm ☐ ALL CRANK HANDLES ARE ZINC FINISH	
AWNING STYLE HEADBOX CLOSED (BACK ROLL ONLY) ☐ HEADBOX OPEN ☐ OPEN ROLLER ☐		GUIDING OPTIONS SIDE RETENSION SYSTEM (SRS) ☐ CHANNEL ☐ CABLE - BACK ROLL ☐ - FRONT ROLL ☐ DROP (NO GUIDES) HOLD DOWN SET or LOCKING BOLT ONLY ☐ - BACK ROLL ☐ - FRONT ROLL ☐		FITTING OPTIONS FACE FIT CEILING FIT ON FACE FACE FIT IN REVEAL CEILING FIT IN REVEAL NOTE: TO ENSURE YOU RECEIVE THE INSTALLATION BRACKETS IN THE CORRECT POSITION.	

HOLD DOWN STRAP  MEASURE FROM LEFT TO RIGHT DISTANCE 1..... DISTANCE 2..... DISTANCE 3.....		ORDER NOTES	
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BRACKETS STANDARD BRACKET - ZINC ☐ STAINLESS STEEL ☐		MOTORISATION: SELECT MOTOR TYPE: CONTROLS & ACCESSORIES MUST NOMINATE PART NUMBER & QUANTITY MOTOR OPTIONS: LT50 JET 10/17 HARDWIRED ☐ ALTUS RTS 15/17 ☐ LOGGIA RTS 15/17 ☐	
SPREADER PLATE 250MM SPREADER PLATE (OPTIONAL) ☐ QUANTITY		CONTROLS: ACCESSORIES:	

STRAP LENGTH 600mm STANDARD ☐ OR STRAP CALCULATION ☐ (DISTANCE X 2+200mm)mm DISTANCE EQUALS HOLD DOWN CLIP TO SADDLE		LOCATION QTY WIDTH DROP FABRIC SELECTION COLOUR CONTROL SIDE SELECT FROM ABOVE TO NOMINATE FITTING	
HARDWARE COLOUR OPTIONS SILVER PEARL (STANDARD) ☐ OR CHOOSE FROM STANDARD DULUX POWDER COATING COLOURS* * (Powder Coating requires a two (2) week additional lead time.) COLOUR NAME		SELECT FROM ABOVE TO NOMINATE FITTING	

ONE STYLE AWNING PER ORDER FORM		Customer Signature..... Date.....	
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ORDER FORM

ALPHA SERIES PIVOT AWNING		DEALER:		DATE:		CUSTOMER:		RECEIVED:	ONLY OFFICE
								ENTERED:	
								SALES ORDER:	

AWNING STYLE HEADBOX OPEN (FABRIC MUST BE BACK ROLL) ☐ OPEN ROLLER ☐		CRANK LENGTH 800mm ☐ 1200mm ☐ 1600mm ☐ 2000mm ☐ 2400mm ☐ ALL CRANK HANDLES ARE ZINC FINISH		ANGLE BRACKET 46.416.100 QUANTITY		SLIDING ARM (NOT AVAILABLE WITH HEADBOX) ARM SIZE: (MAX 1500mm) NOTE: ARM LENGTH EQUALS HALF OF DROP SIZE. GUIDE RAIL SIZE: NOTE: GUIDE RAIL SIZE IS NORMALLY 30mm SHORTER THAN ARM SIZE.		NOTES FIXING NOTE: NO FIXING COMPONENTS WILL BE SUPPLIED FABRIC JOINS ALL AWNINGS COME WITH CENTERED OR EVEN JOINS		FITTING OPTIONS FACE FIT CEILING FIT ON FACE FACE FIT IN REVEAL CEILING FIT IN REVEAL NOTE: TO ENSURE YOU RECEIVE THE INSTALLATION BRACKETS IN THE CORRECT POSITION.	
BRACKETS STANDARD BRACKET - ZINC ☐ STAINLESS STEEL ☐				EXTEND BOTTOM HEADBOX SIZE ☐ LEFTmm RIGHTmm							
SPREADER PLATE 250MM SPREADER PLATE (OPTIONAL) ☐ QUANTITY											

HARDWARE COLOUR OPTIONS SILVER PEARL (STANDARD) ☐ OR CHOOSE FROM STANDARD DULUX POWDER COATING COLOURS* * (Powder Coating requires a two (2) week additional lead time.) COLOUR NAME		VALANCE SCALLOP - 150mm ☐ STRAIGHT VALANCE - 150mm ☐ STRAIGHT VALANCE NOMINATE LENGTHmm		NOTES	

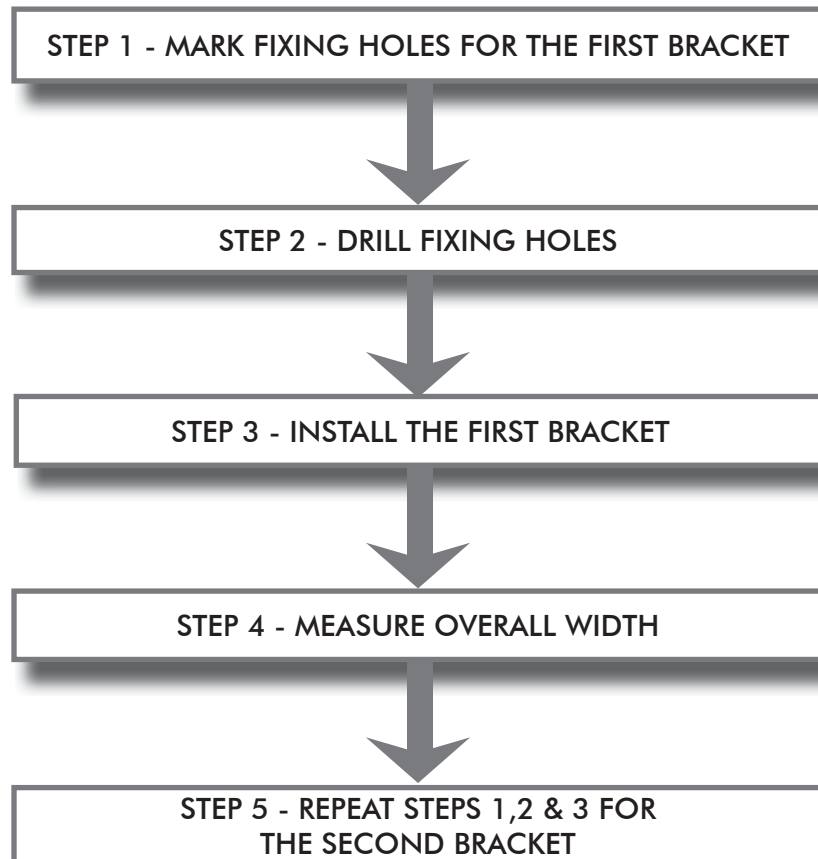
CONTROL OPTIONS INTERNAL TAPE WINCH (MAX 3.5m) ☐ 9:1 CRANK - BLACK ☐ - WHITE ☐ - SILVER ☐ MOTORISED ☐		BINDING STANDARD BINDING ☐ OR NOMINATE COLOUR SELF BINDING ☐ (STRAIGHT VALANCE ONLY)		NOTES	

MOTORISATION: SELECT MOTOR TYPE: CONTROLS & ACCESSORIES MUST NOMINATE PART NUMBER & QUANTITY MOTOR OPTIONS: LT50 JET 10/17 HARDWIRED ☐ ALTUS RTS 15/17 ☐ CONTROLS: ACCESSORIES:					

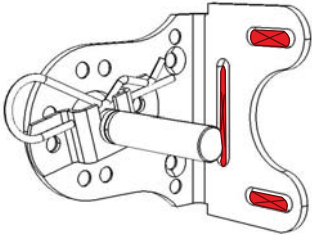
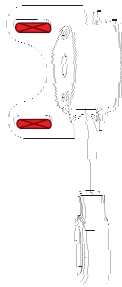
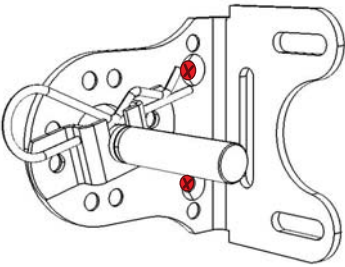
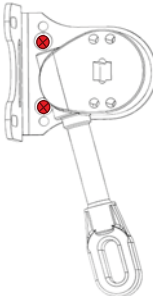
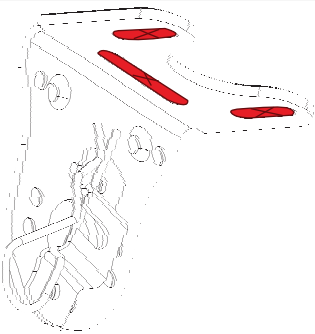
LOCATION	QTY	WIDTH	DROP	FABRIC SELECTION	COLOUR	CONTROL SIDE	SELECT FROM ABOVE TO NOMINATE FITTING

ONE STYLE AWNING PER ORDER FORM		Customer Signature..... Date.....	
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OPEN ROLLER INSTALLATION



OPEN ROLLER INSTALLATION

STEP 1/2/3 - FACE FIT INSTALL	
	
IDLE END	DRIVE END
REVEAL FIT INSTALL	
	
IDLE END	DRIVE END
CEILING FIT INSTALL	
	

Brackets will come pre-assembled with idle and drive end components attached. The orientation of these components on the brackets will be determined by the fixing orientation specified on the order form. Example: Face/Reveal, Ceiling.

- Mark the fixing holes for the first bracket.
- Drill holes to suit the method of fixing determined by the substrate being fixed to.
- Screw the first bracket in place. Ensure the bracket is installed straight using a spirit level. If required, pack out the bracket.
- Repeat process for the second bracket.
- Ensure both brackets are installed level and the distance apart is enough for the roller tube to be inserted. The distance between the brackets should be the ordered overall measurement from outside of bracket to outside of bracket.

HEADBOX INSTALLATION

STEP 1 - OPEN THE HEADBOX



STEP 2 - REMOVE ROLLER TUBE



STEP 3 - MARK & PRE DRILL HEADBOX BACK PANEL

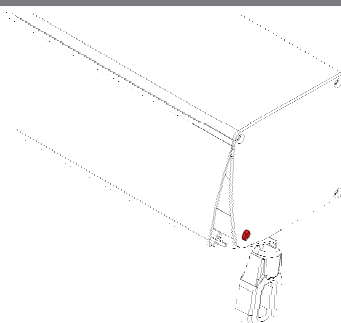
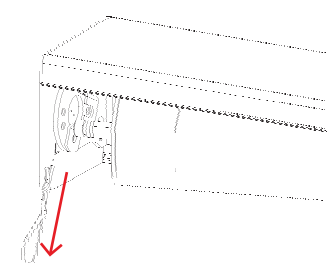
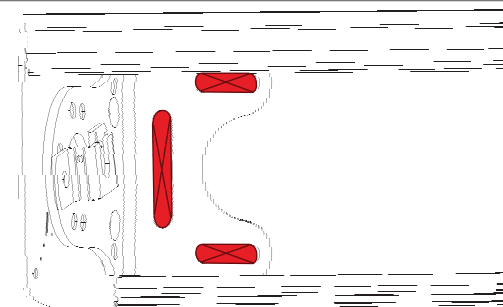
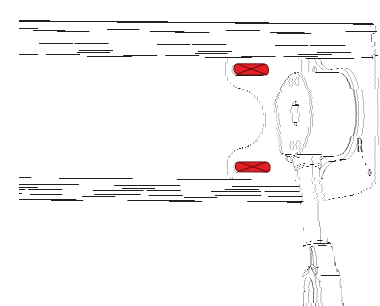
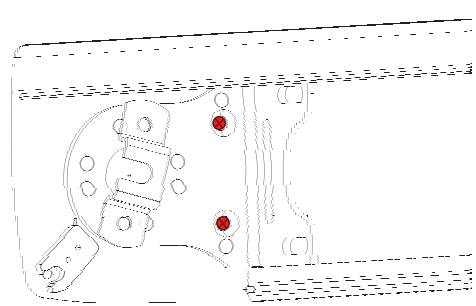
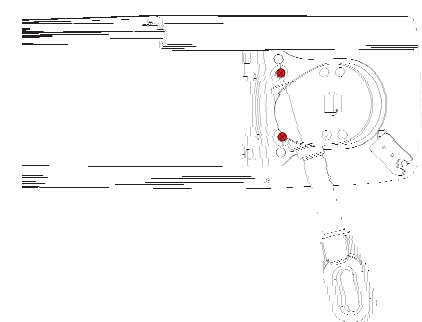
- MARK FIXING HOLES ON INSTALLATION SURFACE
- DRILL FIXING HOLES ON INSTALLATION SURFACE
- INSTALL HEADBOX THROUGH BRACKETS



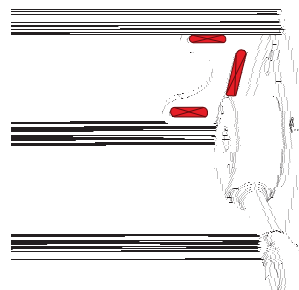
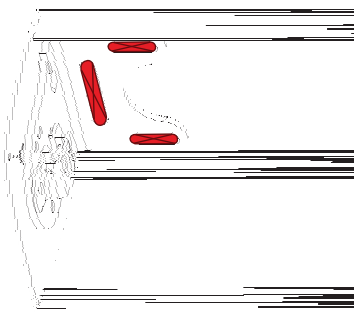
ACCESSORIES

INSTALLATION SPREADER PLATE
HEADBOX REVEAL FIT CLIPS (pg16)
PLEASE REFER TO RELEVANT SECTION FOR INSTRUCTIONS

HEADBOX INSTALL

STEP 1 - OPEN THE HEADBOX		STEP 2 - REMOVE ROLLER TUBE	
			
Open the headbox front cover by unscrewing the bottom screw on the headbox end cap. Repeat on opposite side. NOTE: For reveal fit the screw is no longer required.		Pull out the idle end locking pin and remove the roller tube idle end first.	
STEPS 3 - FACE FIT			
			
IDLE END		DRIVE END	
STEPS 3 - REVEAL FIT INSTALL			
			
IDLE END		DRIVE END	

STEPS 3 - CEILING FIT INSTALL



Mark and drill the head box back plate where the fixings will go.

NOTE: Always secure the headbox back panel through the installation brackets or spreader plate!

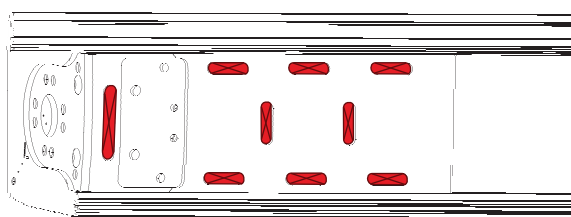
- After determining the exact position of the headbox you can fasten the brackets and headbox on the installation surface.
- Mark the fixing holes for the first bracket.
- Drill holes to suit the method of fixing determined by the substrate being fixed to.
- Secure installation screw in bracket to hold one side of head box.
- Repeat the process for the opposite bracket and ensure that the head box is straight using a spirit level.

NOTE: If required pack out the headbox.

- Once satisfied the headbox is level, secure remaining fixing points.

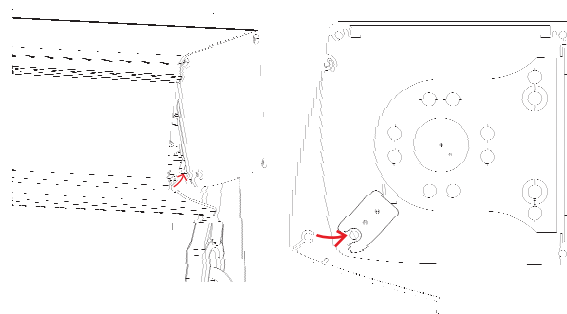
NOTE: For awnings over 3500mm wide, add an additional fixing point through the centre of the headbox back panel.
E.g 3500mm wide secure at 1750mm.

ACCESSORIES



SPREADER PLATE

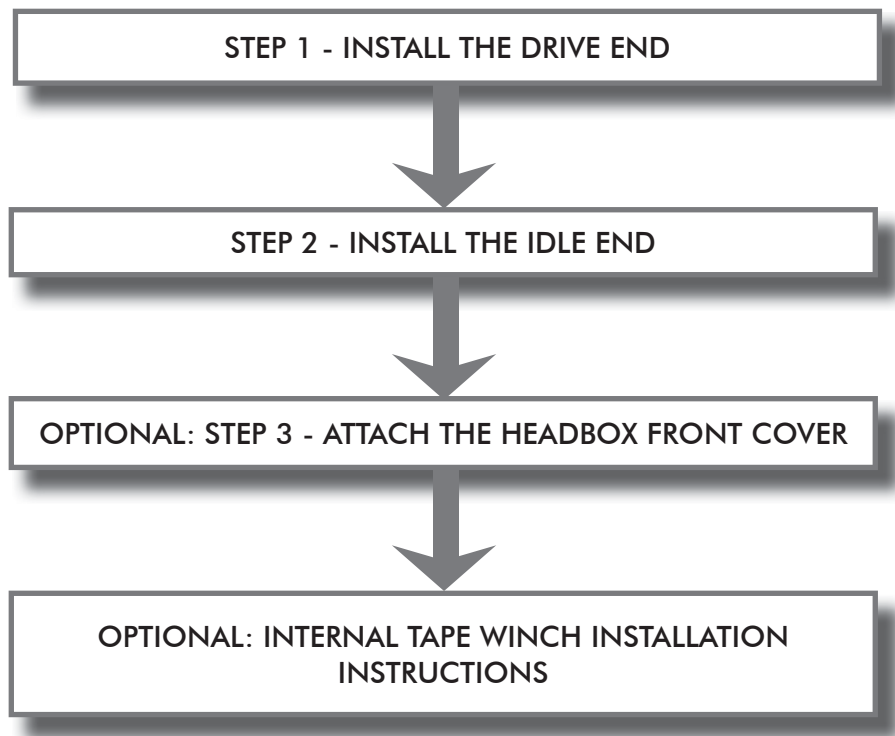
If there is no substantial fixing point at the ends of the headbox, a Spreader Plate can be added. This allows 250mm of flexibility for installation points at each end of the awning. If a spreader plate is ordered, this will come preassembled to the bracket inside the headbox determined by the installation type specified. Secure through Fixing points highlighted in the image.



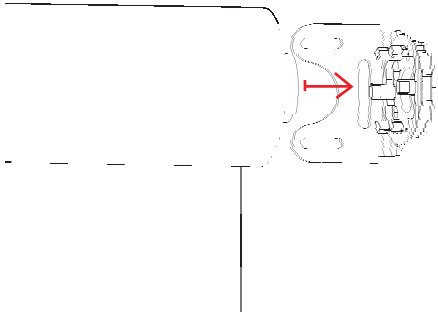
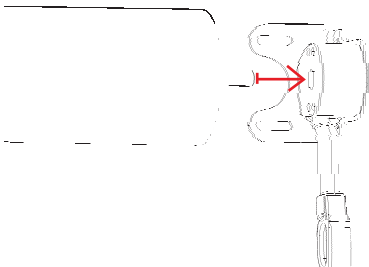
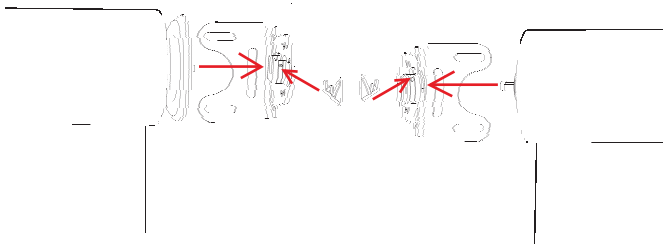
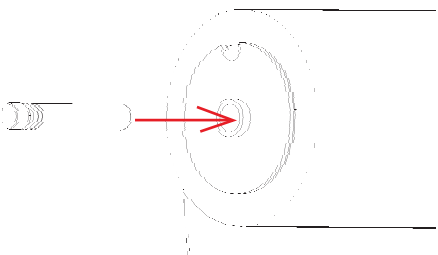
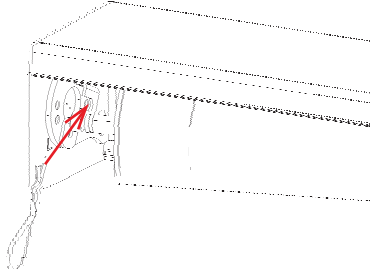
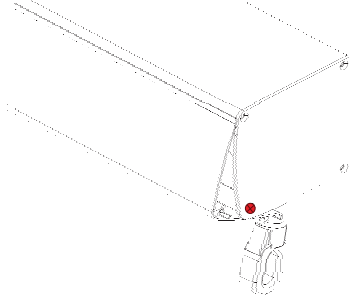
REVEAL FIT CLIPS

For reveal fit install, clips will be provided on the headbox end caps. Insert the headbox front panel and snap into clips to secure.

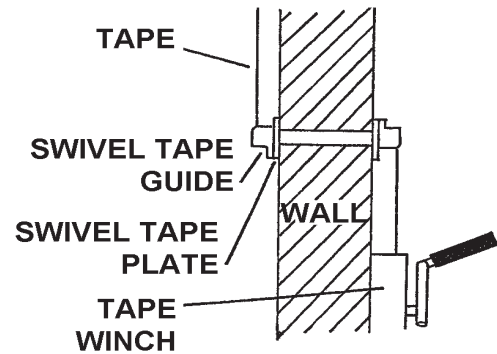
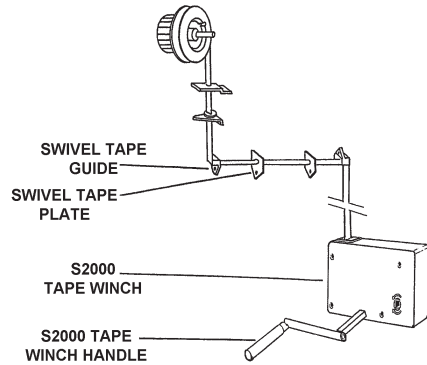
INSTALLING THE ROLLER TUBE



INSTALLING THE ROLLER TUBE

STEP 1 i - MOTORISED	STEP 1 ii - CRANK
	
Somfy Motorised – Insert motor into Zmac bracket then secure using motor clip	Crank – insert crank pin into crank gear
STEP 1 iii - SPRING AND INTERNAL TAPE WINCH	STEP 2 A - INSERT PIVOT PIN
	
Spring and Internal Tape Winch – Insert pin into spring plate and use locking pin to secure.	Insert Pivot Pin into idle end on tube.
STEP 2 B - INSTALL THE ROLLER	OPTIONAL: STEP 3 - ATTACH THE HEADBOX FRONT COVER
	
Lift Roller over the installation bracket and down so pivot pin sits inside the pivot plate. Insert idle locking pin to secure roller. *Operate the awning a couple of times to ensure tracking and correct operation of the awning.	Once satisfied, reattach the headbox front cover.

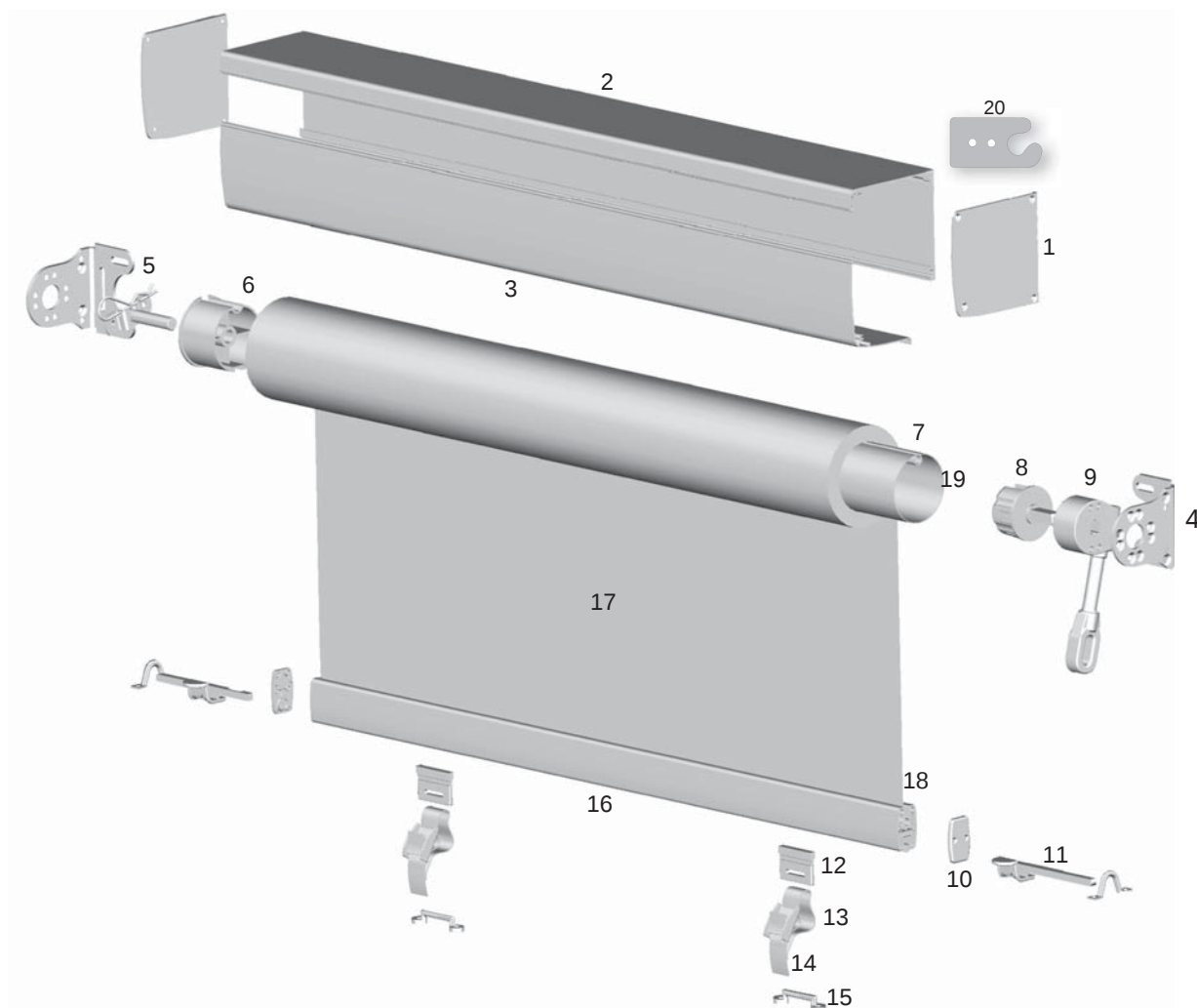
INTERNAL TAPE WINCH INSTALL INSTRUCTIONS



Fitting Internal Tape Winch

- Unscrew the cover of the internal tape winch and note the direction in which the tape runs off the spool.
- Remove the tape supplied with the winch.
- Thread the tape from the awning tape spool through the two swivel tape guides. Attach swivel tape guides to the internal and external walls. Lower the awning.
- Thread the end of the tape through the slot on the tape winch spool. Cut the tape so that only 1 - 2 windings will remain on the spool. Tie a secure knot in the end. Wind the excess tape on to the spool. Replace the spool in the winch ensuring that the tape winds off in the correct direction. Screw cover back on to winch.
- Drill four (4) holes in the wall for the winch and fit rawl plugs supplied or use the fastener appropriate for the installation. At least two of the screws should be set into an architrave or stud. All four screws must be used. If necessary add packing behind the winch if attaching to an uneven surface.
- Test the awning to see if it functions properly.

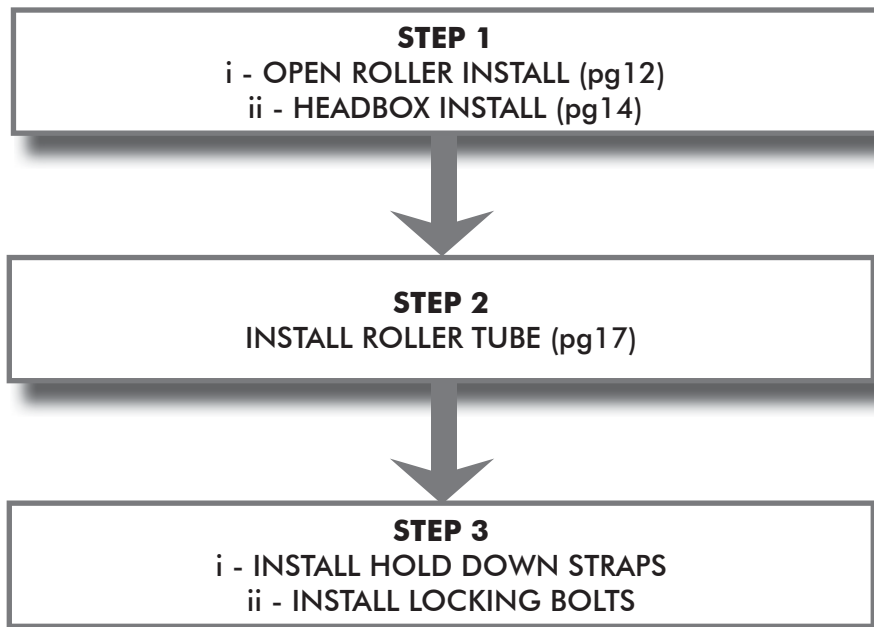
ALPHA STRAIGHT DROP AWNING



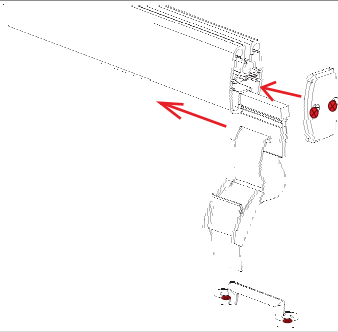
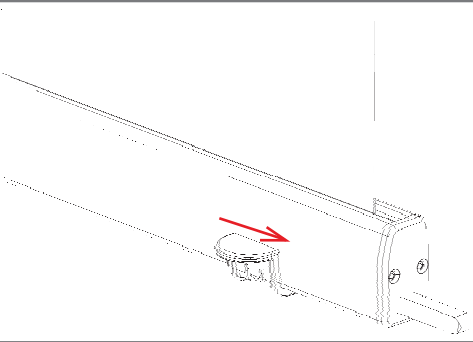
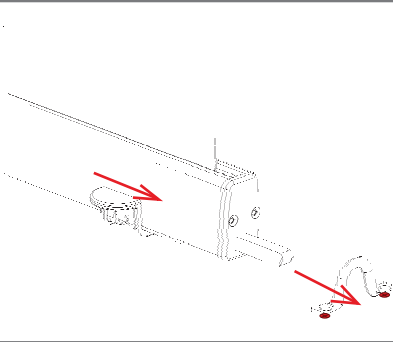
No.	Part No.	Description
1	46.017.000	HEADBOX END CAP LH & RH- MILL
	46.017.100	HEADBOX END CAP LH & RH- SILVER PEARL
2	46.005.000	HEADBOX BACK PLATE- MILL
	46.005.100	HEADBOX BACK PLATE- SILVER PEARL
3	46.012.000	R HEADBOX FRONT COVER- MILL
	46.012.100	R HEADBOX FRONT COVER- SILVER PEARL
4	46.019.000	100MM UNIVERSAL BRACKET Z
	46.019.063	100MM UNIVERSAL BRACKET SS
5	46.002.000	PIVOT PIN & PLATE Z
	46.002.063	PIVOT PIN & PLATE SS
6	46.506.000	60MM IDLE END
	44.210.000	70MM IDLER WITH HOLE
	46.507.000	78MM IDLE END
7	42.180.049	60MM TUBE
	46.522.500	70MM TUBE 5MT
	46.522.700	70MM TUBE 7MT
	46.521.500	78MM TUBE 5MT
	46.521.700	78MM TUBE 7MT
8	42.603.855	60MM DRIVE END - SMALL
	44.209.000	70MM DRIVE END
	46.504.000	78MM CRANK DRIVE END
	46.505.000	60MM DRIVE END - 13MM SHAFT

No.	Part No.	Description
9	42.522.000	4:1 CRANK GEAR MILL
	46.502.100	9:1 GEAR SILVER
	46.502.122	9:1 GEAR WHITE
	46.502.837	9:1 GEAR BLACK
10	46.524.000	PLAIN BOTTOM RAIL END CAP
11	46.517.000	R BOTTOM RAIL LOCKING PIN
12	46.500.000	HOLD DOWN CLIP
13	42.236.000	BUCKLE FOR HOLD DOWN STRAP
14	42.230.000	RUA STRAP
15	42.204.000	BREECHING STAPLE
16	46.011.000	R BOTTOM RAIL - MILL
	46.011.100	R BOTTOM RAIL - SILVER PEARL
17	82.296.XXX	CANVAS FABRIC
	44.001.XXX	2.34M EVERVIEW EXTERNAL SCREEN FABRIC
	44.002.XXX	3.2M EVERVIEW EXTERNAL SCREEN FABRIC
18	44.132.000	4.2MM ES SOLID SPLINE
	42.421.855	6MM SPLINE
19	42.198.000	3.5MM HARD SPLINE
	42.421.855	6MM SPLINE
20	46.520.000	HEADBOX REVEAL CLIP

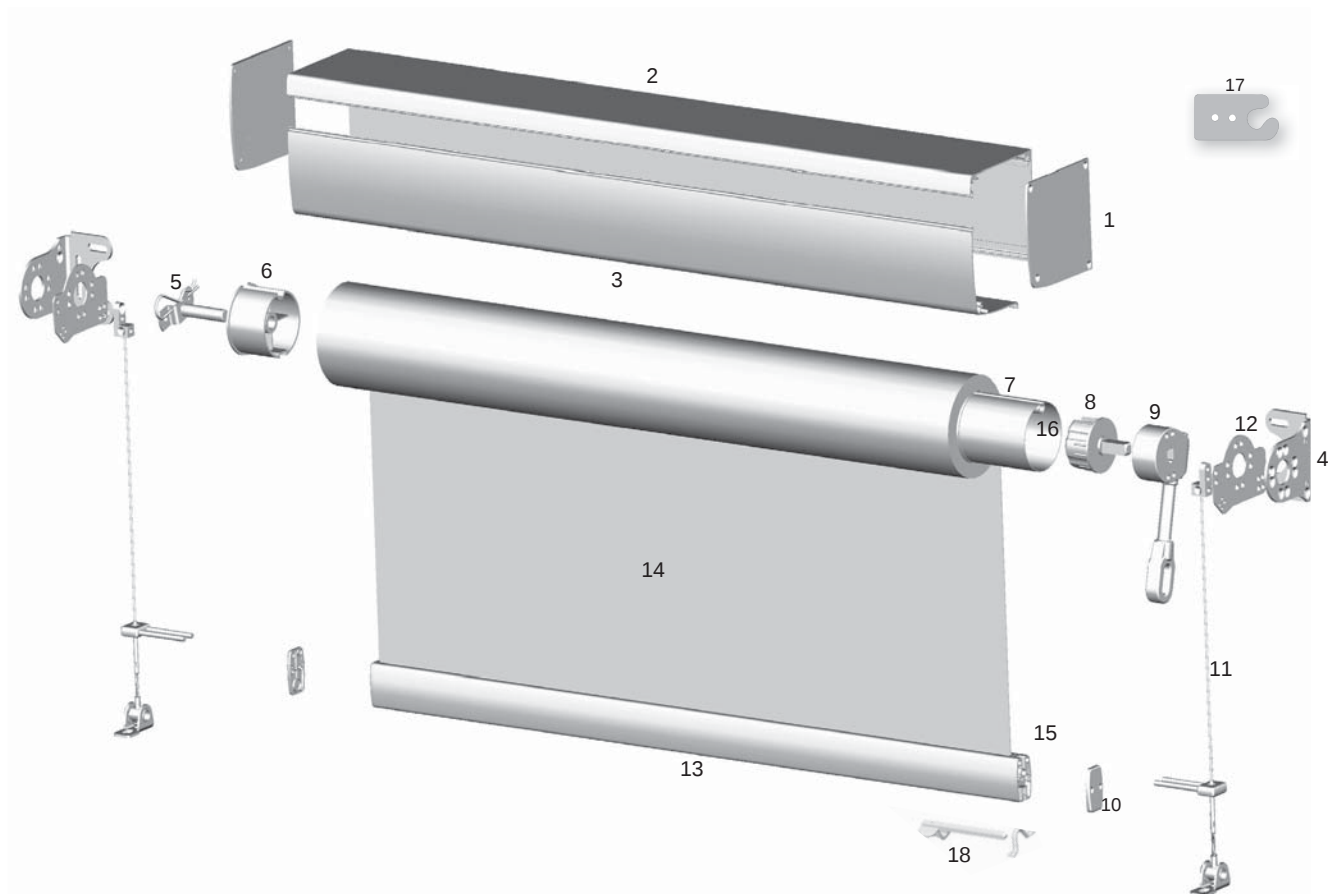
ALPHA STRAIGHT DROP AWNING INSTALLATION



ALPHA STRAIGHT DROP AWNING INSTALLATION

STEP 1 - INSTALL HEADBOX OR OPEN ROLLER	STEP 2 - INSTALL THE ROLLER TUBE
Refer to the following sections for instructions - i - open roller install (pg12) - ii - headbox install (pg14)	refer to installing the roller section (pg17)
STEP 3 - INSTALL HOLD DOWN STRAPS	
	
In order to protect the hold down clips they will be supplied uninstalled from the bottom rail. - Remove Bottom Rail end cap - Insert ALL Hold down clips with strap, buckle and dog clip attached. - Lower awning to desired fixing height. - Slide hold down clips and straps to desired hold down locations. - Reattach bottom rail end cap. - Fix breaching staple to floor or wall surface under hold down straps. - Use dog clip to attach hold down to breaching staple.	
STEP 3 ii - INSTALL LOCKING BOLTS TO REVEAL POST	STEP 3 iii - INSTALL LOCKING BOLTS USING BREECHING STAPLE
	
The locking bolts will be supplied pre-installed in the bottom rail Secure to Reveal post - Lower awning to desired fixing height. - Slide locking bolts out to desired fixing location - Line up locking bolts with the posts and ensure the bottom rail is level. - Mark fixing holes on post and drill using a 12mm drill bit. - Slide locking bolts into the hole and apply tension to ensure a level installation. - Holes can be drilled at a variety of different stopping locations along the post dependent on consumer requirements	The locking bolts will be supplied pre-installed in the bottom rail Secure using Breaching Staple - Lower awning to desired fixing height. - Slide locking bolts out to desired fixing location - Place breaching staple to floor or wall surface to ensure the locking bolt can be secured under the breaching staple. - Ensure the bottom rail is level. If not, pack out breaching staple to ensure bottom rail will be perfectly horizontal when secured. - Fix breaching staple to floor or wall surface. - Slide locking bolts into the hole and apply tension to ensure a level installation.

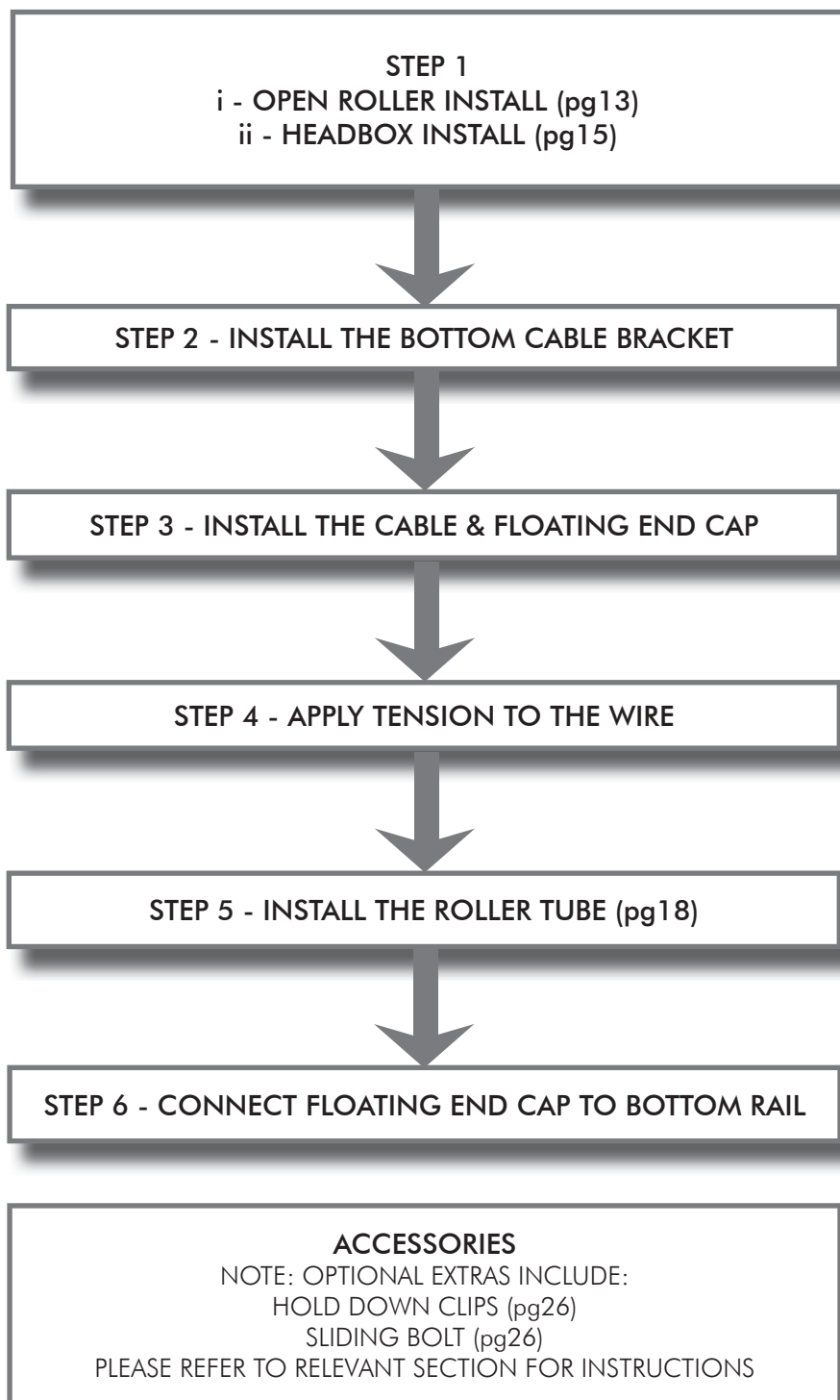
ALPHA CABLE GUIDE AWNING



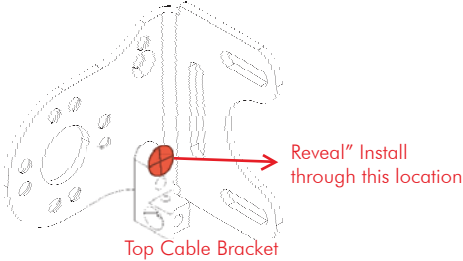
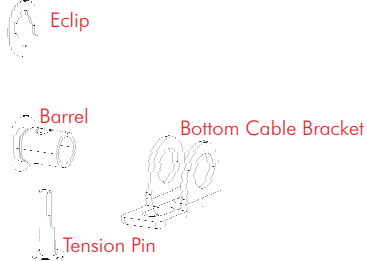
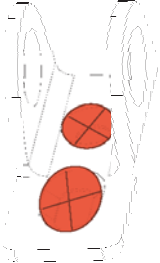
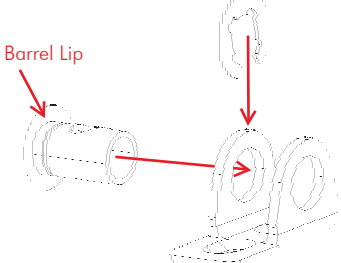
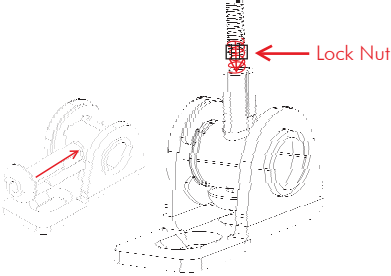
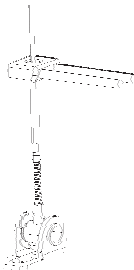
No.	Part No.	Description
1	46.017.000	HEADBOX END CAP LH & RH- MILL
	46.017.100	HEADBOX END CAP LH & RH- SILVER PEARL
2	46.005.000	HEADBOX BACK PLATE- MILL
	46.005.100	HEADBOX BACK PLATE- SILVER PEARL
3	46.012.000	R HEADBOX FRONT COVER- MILL
	46.012.100	R HEADBOX FRONT COVER- SILVER PEARL
4	46.019.000	100MM UNIVERSAL BRACKET Z
	46.019.063	100MM UNIVERSAL BRACKET SS
5	46.002.000	PIVOT PIN & PLATE Z
	46.002.063	PIVOT PIN & PLATE SS
6	46.506.000	60MM IDLE END
	44.210.000	70MM IDLE END
	46.507.000	78MM IDLE END
7	42.180.049	60MM TUBE
	46.522.500	70MM TUBE 5MT
	46.522.700	70MM TUBE 7MT
	46.521.500	78MM TUBE 5MT
	46.521.700	78MM TUBE 7MT
8	42.603.855	60MM DRIVE END - SMALL
	44.209.000	70MM DRIVE END
	46.504.000	78MM CRANK DRIVE END
	46.505.000	60MM DRIVE END - 13MM SHAFT

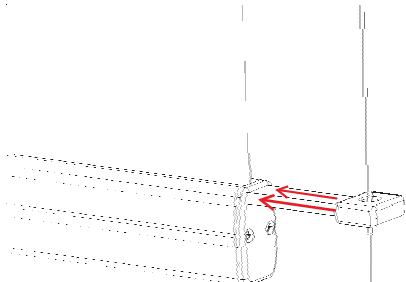
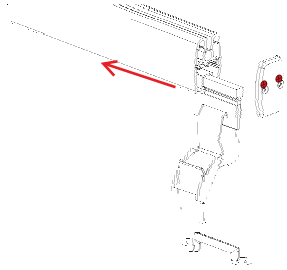
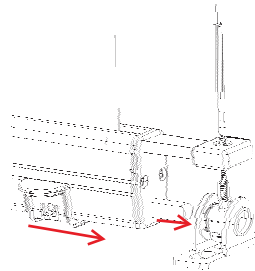
No.	Part No.	Description
9	42.522.000	4:1 CRANK GEAR MILL
	46.502.100	9:1 GEAR SILVER
	46.502.122	9:1 GEAR WHITE
	46.502.837	9:1 GEAR BLACK
10	46.524.000	PLAIN BOTTOM RAIL END CAP
11	46.108.063	CG CABLE GUIDE SET
12	46.530.063	EXTENSION PLATE
13	46.011.000	R BOTTOM RAIL - MILL
	46.011.100	R BOTTOM RAIL - SILVER PEARL
14	82.296.XXX	CANVAS FABRIC
	44.001.XXX	2.34M EVERVIEW EXTERNAL SCREEN FABRIC
	44.002.XXX	3.2M EVERVIEW EXTERNAL SCREEN FABRIC
15	44.132.000	4.2MM ES SOLID SPLINE
	42.421.855	6MM SPLINE
16	42.198.000	3.5MM HARD SPLINE
	42.421.855	6MM SPLINE
17	46.520.000	HEADBOX REVEAL CLIP
18	46.517.000	R BOTTOM RAIL LOCKING PIN

ALPHA CABLE GUIDE AWNING INSTALLATION

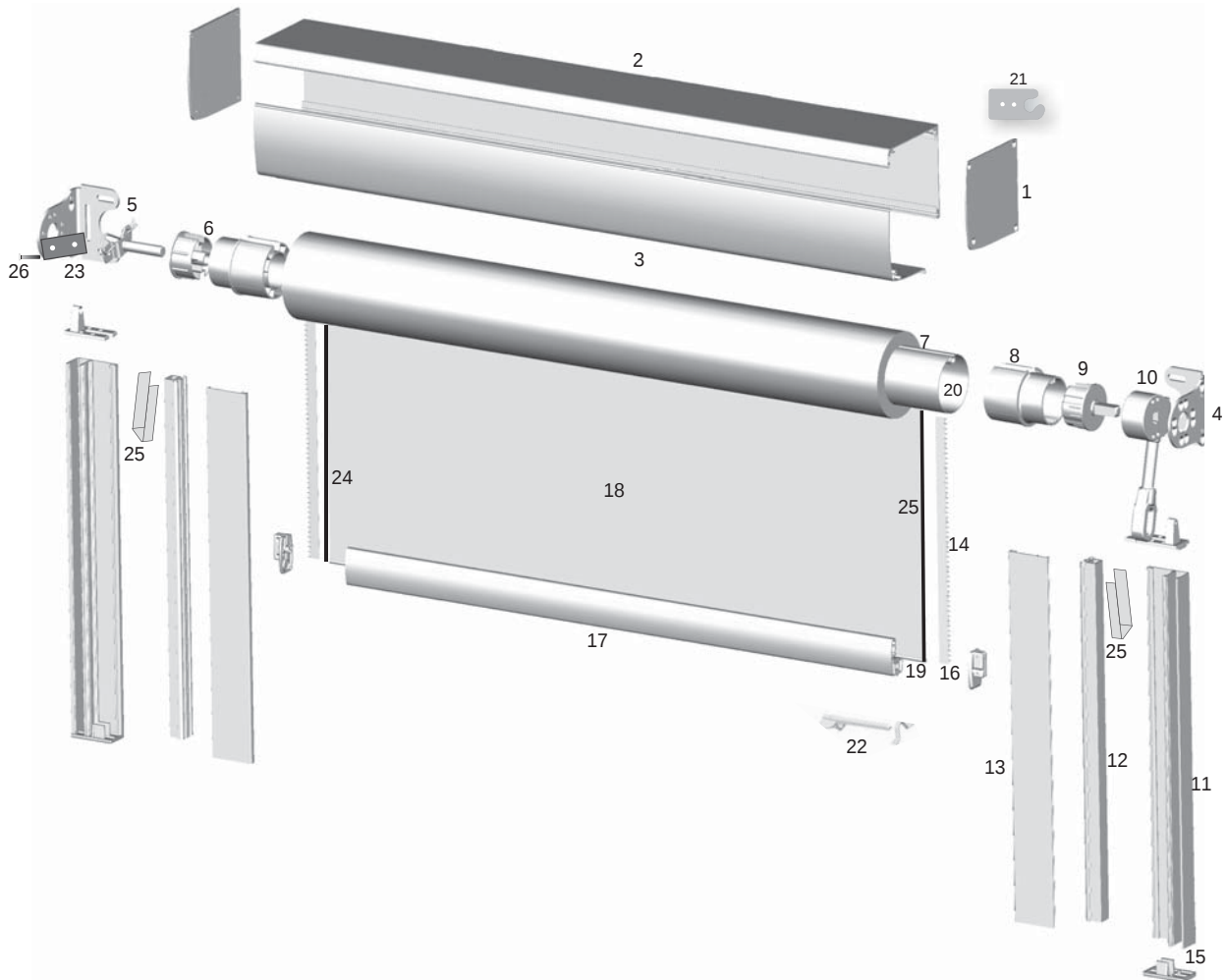


ALPHA CABLE GUIDE AWNING INSTALLATION

STEP 1 - INSTALL HEADBOX OR OPEN ROLLER	STEP 2 A - PREPARE THE BOTTOM CABLE BRACKET
 Top Cable Bracket	 Eclip Barrel Bottom Cable Bracket Tension Pin
Refer to the following sections for instructions i - open roller install (pg12) ii - headbox install (pg14) NOTE: cable guide installation bracket will come with top cable bracket pre attached	Use a string line or spirit level from the edge of the blind bracket or side of the headbox to determine the correct location of the wire guide bottom bracket. NOTE: The bottom bracket is universal and can be used for wall, floor or reveal mounting. - Remove the Eclip from the barrel using screw driver or pointy nose pliers. - unscrew the bottom tension pin from the bottom of the wire. - remove the barrel from the bracket.
STEP 2 B - INSTALL THE BOTTOM CABLE BRACKET	STEP 2 C - SECURE THE BARREL
	 Barrel Lip
Place the bottom cable bracket on the location mark and fix into place with the appropriate fixings.	Once bracket is fixed to ground/wall, slide in barrel, ensure the "lip" of barrel is facing towards the awning fabric. Insert the Eclip around the "lip" of the barrel to ensure the barrel is secure.
STEP 3 A - ATTACH WIRE TO BOTTOM BRACKET	STEP 3 B - ATTACH FLOATING END CAP TO WIRE
 Lock Nut	
Insert the Tension pin through the barrel and screw to the bottom of the wire, turn 3 - 4 times to secure.	Unwind the wire and feed floating end cap onto the wire.

STEP 4 A - ATTACH WIRE TO TOP CABLE BRACKET	STEP 4 B - APPLY TENSION TO THE WIRE
	
Feed wire through the top cable brackets. Pull the wire tight. Lock off with a 4mm Allen key. Ensure the grub screw is secured tightly.	Return to the bottom bracket and use 2 pairs of pliers to tighten the tension pin by holding the wire with one pair of pliers and turn the pin with the other pair. Repeat on opposite side.
STEP 5 - INSTALL THE ROLLER TUBE	STEP 6 - CONNECT FLOATING END CAP TO BOTTOM RAIL
Refer to installing the roller section.	 - Once the awning is installed lower the awning to a position where it can be reached from the ground. Tilt the awning and insert the floating end cap into bottom rail. Repeat for other side.
ACCESSORIES	
	
OPTIONAL: HOLD DOWN STRAPS In order to protect the hold down clips they will be supplied uninstalled from the bottom rail. - Remove Bottom Rail end cap - Insert ALL Hold down clips with strap, buckle and dog clip attached. - Lower awning to desired fixing height. - Slide hold down clips and straps to desired hold down locations. - Fix breaching staple to floor or wall surface under hold down straps. Use dog clip to attach hold down to breaching staple	OPTIONAL: LOCKING BOLTS The locking bolts will be supplied pre-installed to the bottom rail - Lower awning to the bottom cable guide brackets. - Slide locking bolts into the bottom cable guide bracket and apply tension to ensure a level installation. If not level, pack out bottom cable guide bracket to ensure bottom rail will be perfectly horizontal when under tension.

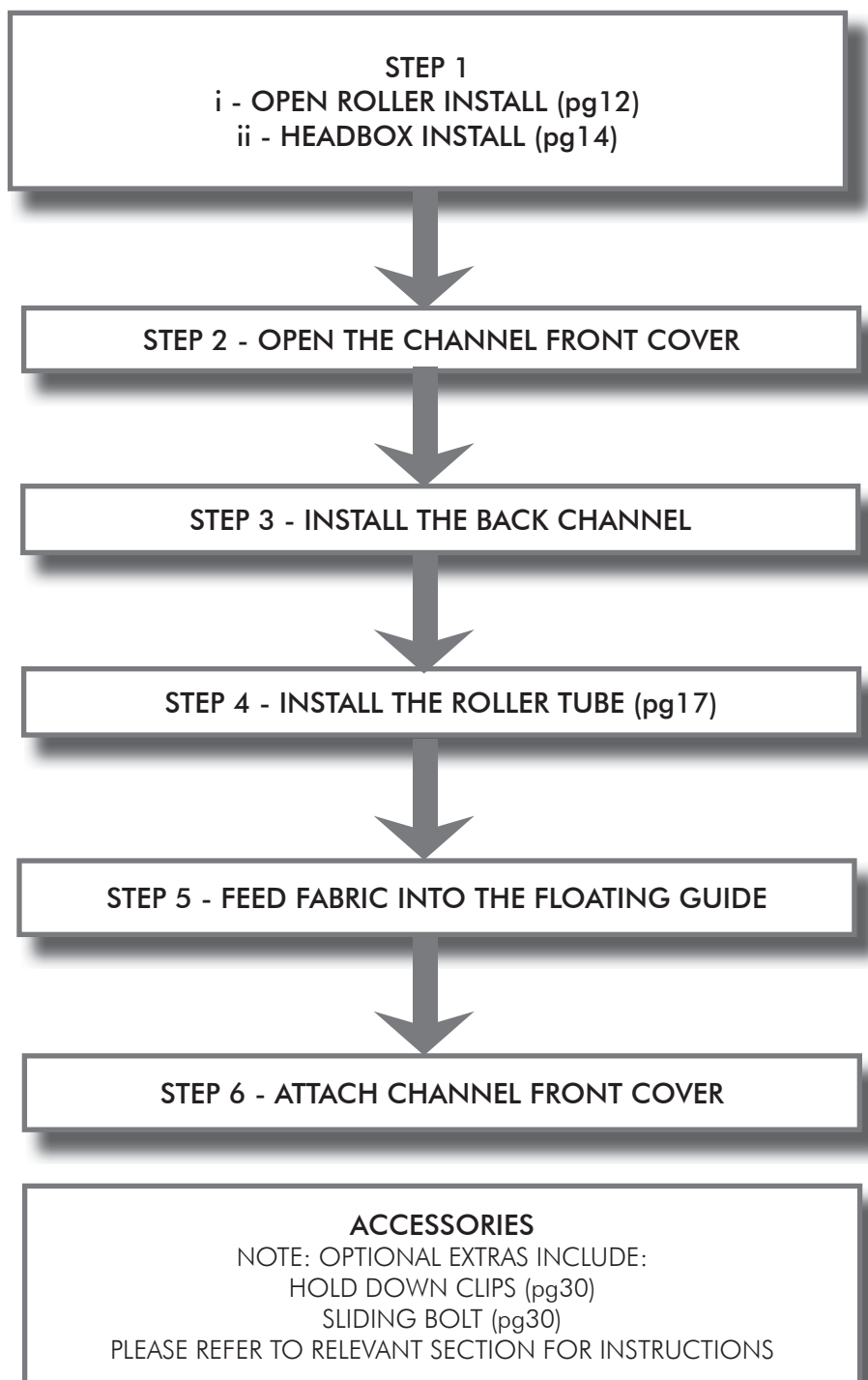
ALPHA SRS (SIDE RETENTION SYSTEM) AWNING



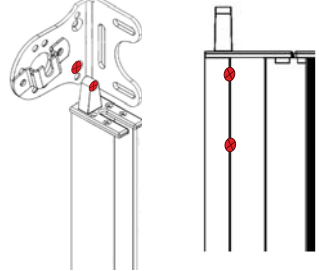
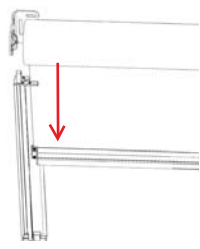
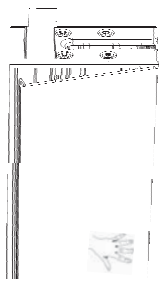
No.	Part No.	Description
1	46.017.000	HEADBOX END CAP LH & RH- MILL
	46.017.100	HEADBOX END CAP LH & RH- SILVER PEARL
2	46.005.000	HEADBOX BACK PLATE- MILL
	46.005.100	HEADBOX BACK PLATE- SILVER PEARL
3	46.012.000	R HEADBOX FRONT COVER- MILL
	46.012.100	R HEADBOX FRONT COVER- SILVER PEARL
4	46.019.000	100MM UNIVERSAL BRACKET Z
	46.019.063	100MM UNIVERSAL BRACKET SS
5	46.002.000	PIVOT PIN & PLATE Z
	46.002.063	PIVOT PIN & PLATE SS
6	46.506.000	60MM IDLE END
7	46.521.500	78MM TUBE 5MT
	46.521.700	78MM TUBE 7MT
8	46.306.000	ZS TUBE REDUCER
9	42.603.855	60MM DRIVE END - SMALL
	46.505.000	60MM DRIVE END - 13MM SHAFT
10	42.522.000	4:1 CRANK GEAR MILL
	46.502.100	9:1 GEAR SILVER
	46.502.122	9:1 GEAR WHITE
	46.502.837	9:1 GEAR BLACK

No.	Part No.	Description
11	46.600.000	DC ZS CHANNEL - MILL
	46.600.100	DC ZS CHANNEL - SILVER PEARL
12	46.598.000	ZS FLOATING CHANNEL
13	46.601.000	DC ZS CHANNEL COVER - MILL
	46.601.100	DC ZS CHANNEL COVER - SILVER PEARL
14	46.599.000	ZIP
15	46.016.000	DC ZS CHANNEL END CAP SET
16	46.311.000	ZS BOTTOM RAIL END CAP R
17	46.011.000	R BOTTOM RAIL - MILL
	46.011.100	R BOTTOM RAIL - SILVER PEARL
18	44.001.XXX	2.34M EVERVIEW EXTERNAL SCREEN FABRIC
	44.002.XXX	3.2M EVERVIEW EXTERNAL SCREEN FABRIC
19	44.132.000	4.2MM ES SOLID SPLINE
	42.421.855	6MM SPLINE
20	42.198.000	3.5MM HARD SPLINE
	42.421.855	6MM SPLINE
21	46.520.000	HEADBOX REVEAL CLIP
22	46.517.000	R BOTTOM RAIL LOCKING PIN
23	46.550.000	BLOCK SPACER
24	46.552.855	DURAFOAM TAPE
25	46.551.855	FLOATING GUIDE BRACKET
26	46.553.030	M6X35MM CSK HD PHIL BOLT ZP
	46.553.063	M6X35MM CSK HD PHIL BOLT SS

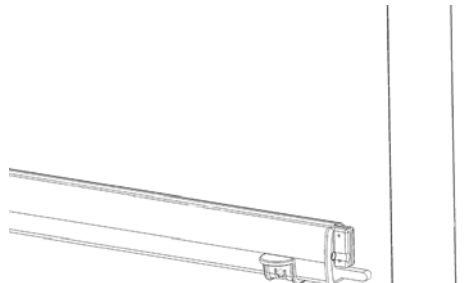
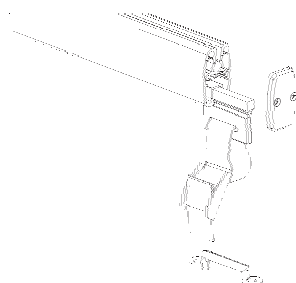
ALPHA SRS (SIDE RETENTION SYSTEM) AWNING INSTALLATION



ALPHA SRS (SIDE RETENTION SYSTEM) AWNING INSTALLATION

STEP 1 - INSTALL HEADBOX OR OPEN ROLLER	STEP 2 - OPEN THE CHANNEL FRONT COVER
Refer to the following sections for instructions - i - open roller install (pg12) - ii - headbox install (pg14)	 The installation channel will be supplied fully assembled (Back Channel, Floating Channel, Front channel with Top and Bottom channel caps attached). - Disconnect the front Channel by leveraging pressure on the inside edge. If required, use a screw driver in the shadow detail to assist with the disconnect.
STEP 3 - INSTALL THE BACK CHANNEL	STEP 4 - INSTALL THE ROLLER TUBE
 Use the bolt attached to the top channel cap to locate the bottom hole of the installation bracket. (Face fit installs only) This will ensure the channel is correctly lined up. - Secure the back channel to the fixing surface every 700mm. Use a spirit level to ensure the channel is level.	Refer to installing the roller section (pg17). 1) Check side channels are parallel (pack when needed). 2) Measure if out by 10mm use deep channel.
STEP 5 - FEED FABRIC INTO THE FLOATING GUIDE	STEP 6 - ATTACH CHANNEL FRONT COVER
 Lower the awning approximately 100mm. - Insert bolt through the top channel cap. - Feed the fabric through the top channel cap. - Ensure float guide is full length.	 Fully lower and raise the awning to ensure the installation is square. - Once satisfied, snap on the front cover using the hook detail and leveraging pressure on the outside edge of the front cover.

ACCESSORIES



OPTIONAL: HOLD DOWN STRAPS

These instructions relate to fixing hold down straps to other guiding options.

In order to protect the hold down clips, they will be supplied uninstalled from the bottom rail.

- Remove Bottom Rail end cap
- Insert ALL Hold down clips with strap, buckle and dog clip attached.
- Lower awning to desired fixing height.
- Slide hold down clips and straps to desired hold down locations.
- Fix breaching staple to floor or wall surface under hold down straps.
- Use dog clip to attach hold down to breaching staple.

OPTIONAL: LOCKING BOLTS

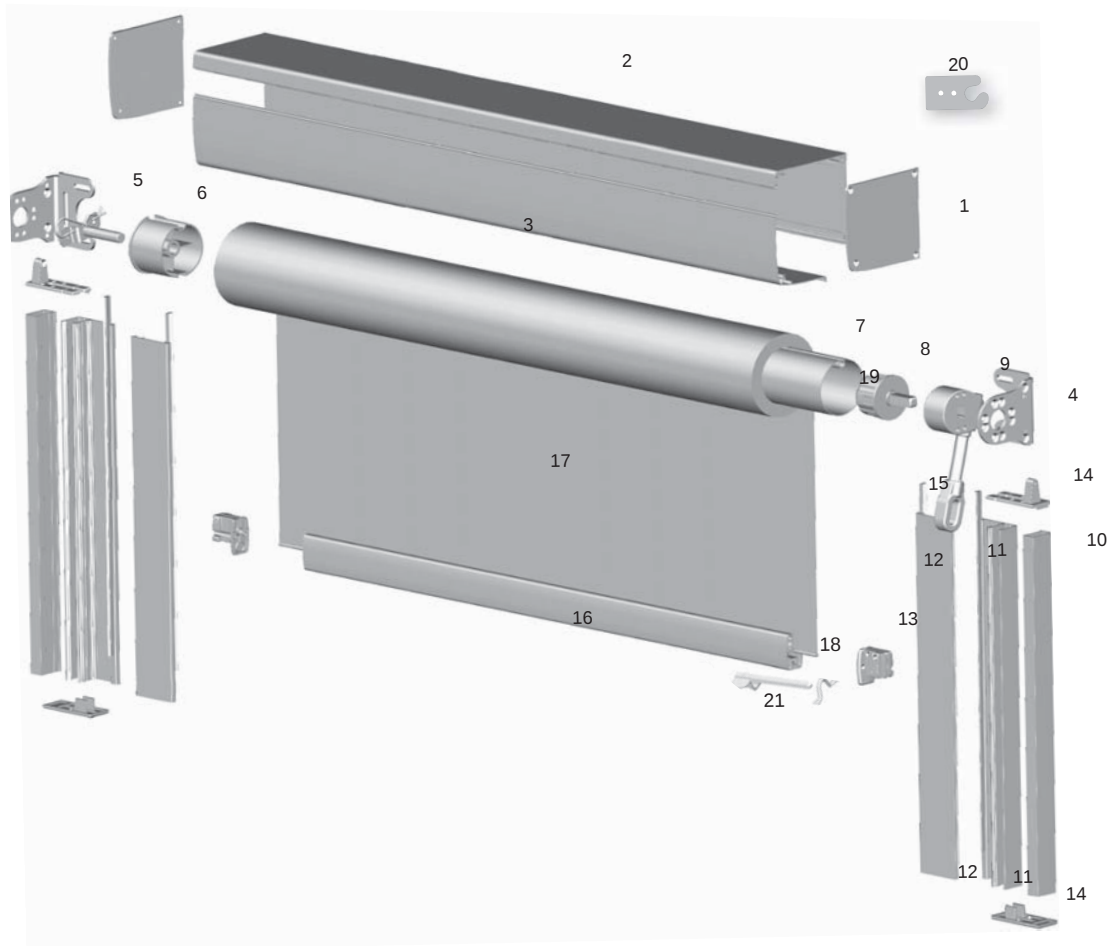
The locking bolts will be supplied pre-installed to the bottom rail. Note - Channels need to be installed at the same height to ensure the bottom rail will be level when locked in place.

- Lower awning to the bottom of the channels.
- Drill 12mm hole in the side of the channel backplate. Ensure the hole is between the wedges on the bottom channel end cap and perfectly in line.
- Slide locking bolts into the channel back plate hole to secure and apply tension to ensure a level installation.

INSTALLATION FINAL ADJUSTMENTS

- Once The STC awning is installed roll the awning to the fully down position then roll the awning to the fully raised position.
- Check the bottom rail for levelness. A tolerance of 5 to 6mm is acceptable.
- If bottom rail level is not within tolerance, roll the awning to the fully down position. Then continue unrolling the blind so the fabric balloons out from the tube and till you have access to the spline section of the skin.
- Pull the skin in the direction of the side of the bottom rail that is up. Move the skin 1 to 2mm then raise the awning to check for bottom rail evenness.
- Repeat above process if required.

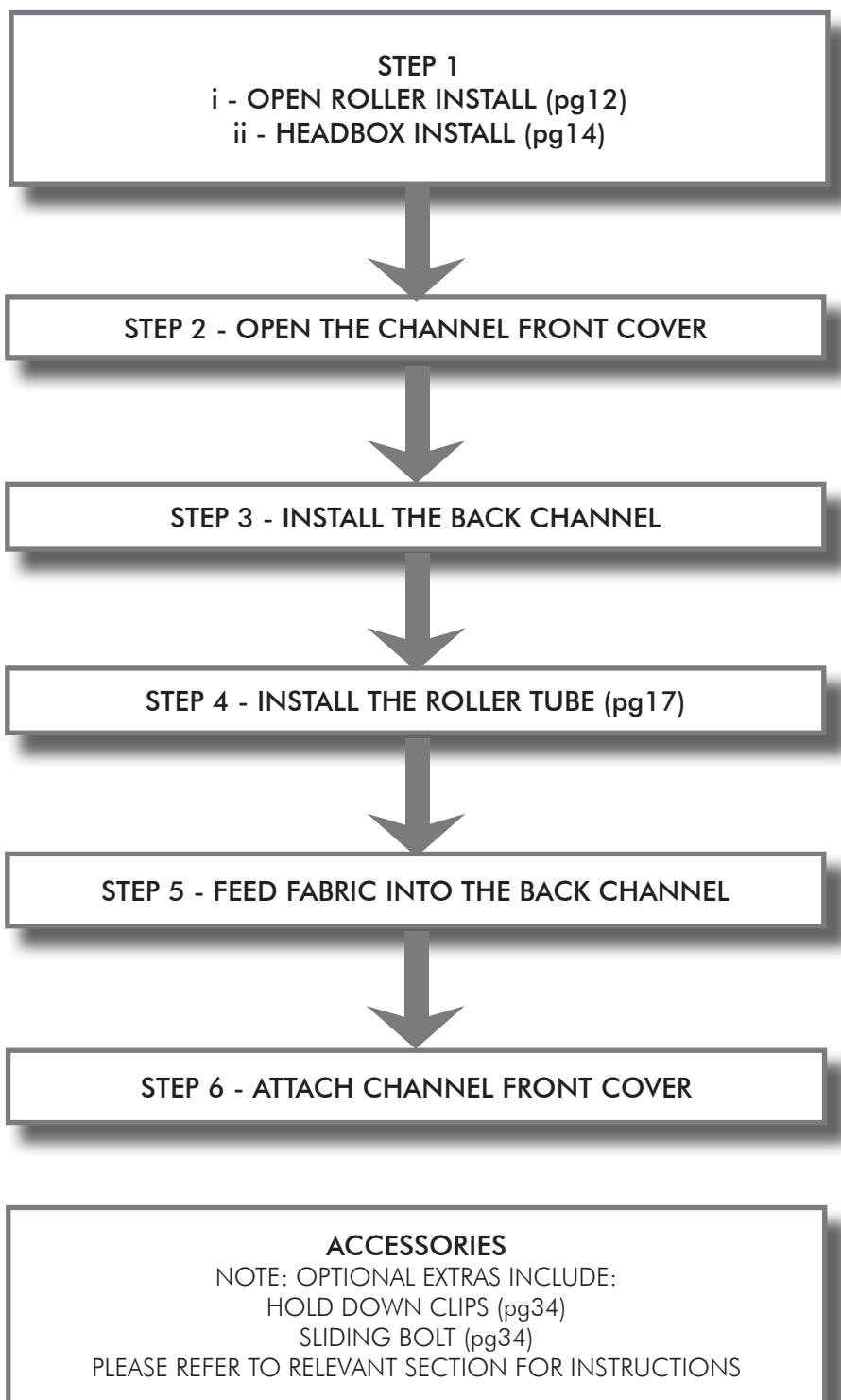
ALPHA DEEP CHANNEL AWNING



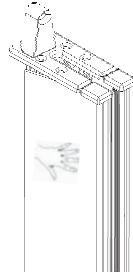
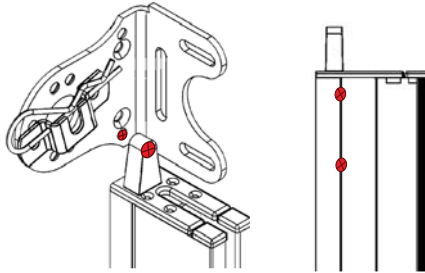
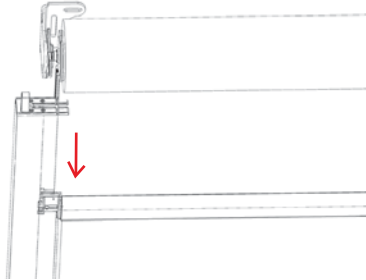
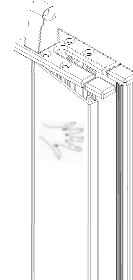
No.	Part No.	Description
1	46.017.000	HEADBOX BOX END CAP LH & RH- MILL
	46.017.100	HEADBOX BOX END CAP LH & RH- SILVER PEARL
2	46.005.000	HEADBOX BACK PLATE- MILL
	46.005.100	HEADBOX BACK PLATE- SILVER PEARL
3	46.012.000	R HEADBOX FRONT COVER- MILL
	46.012.100	R HEADBOX FRONT COVER- SILVER PEARL
4	46.019.000	100MM UNIVERSAL BRACKET Z
	46.019.063	100MM UNIVERSAL BRACKET SS
5	46.002.000	PIVOT PIN & PLATE Z
	46.002.063	PIVOT PIN & PLATE SS
6	46.506.000	60MM IDLE END
	44.210.000	70MM IDLER WITH HOLE
	46.507.000	78MM IDLE END
7	42.180.049	60MM TUBE
	46.522.500	70MM TUBE 5MT
	46.522.700	70MM TUBE 7MT
	46.521.500	78MM TUBE 5MT
	46.521.700	78MM TUBE 7MT
8	42.603.855	60MM DRIVE END - SMALL
	44.209.000	70MM DRIVE END
	46.504.000	78MM CRANK DRIVE END
9	42.522.000	4:1 CRANK GEAR MILL
	46.502.100	9:1 GEAR SILVER
	46.502.122	9:1 GEAR WHITE
	46.502.837	9:1 GEAR BLACK

No.	Part No.	Description
10	46.020.000	DEEP CHANNEL SPACER - MILL
	46.020.100	DEEP CHANNEL SPACER - SILVER PEARL
11	46.600.000	DC ZS CHANNEL - MILL
	46.600.100	DC ZS CHANNEL - SILVER PEARL
12	46.601.000	DC ZS CHANNEL COVER - MILL
	46.601.100	DC ZS CHANNEL COVER - SILVER PEARL
13	46.205.000	DC BOTTOM RAIL END CAP
14	46.016.000	DC ZS CHANNEL END CAP SET
15	46.203.000	PILE BRUSH
16	46.011.000	R BOTTOM RAIL - MILL
	46.011.100	R BOTTOM RAIL - SILVER PEARL
	82.296.XXX	CANVAS FABRIC
17	44.001.XXX	2.34M EVERVIEW EXTERNAL SCREEN FABRIC
	44.002.XXX	3.2M EVERVIEW EXTERNAL SCREEN FABRIC
18	44.132.000	4.2MM ES SOLID SPLINE
	42.421.855	6MM SPLINE
19	42.198.000	3.5MM HARD SPLINE
	42.421.855	6MM SPLINE
20	46.520.000	HEADBOX REVEAL CLIP
21	46.517.000	R BOTTOM RAIL LOCKING PIN

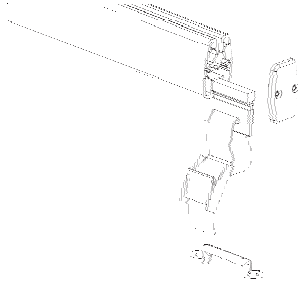
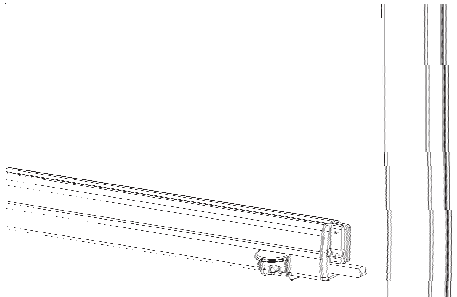
ALPHA DEEP CHANNEL AWNING INSTALLATION



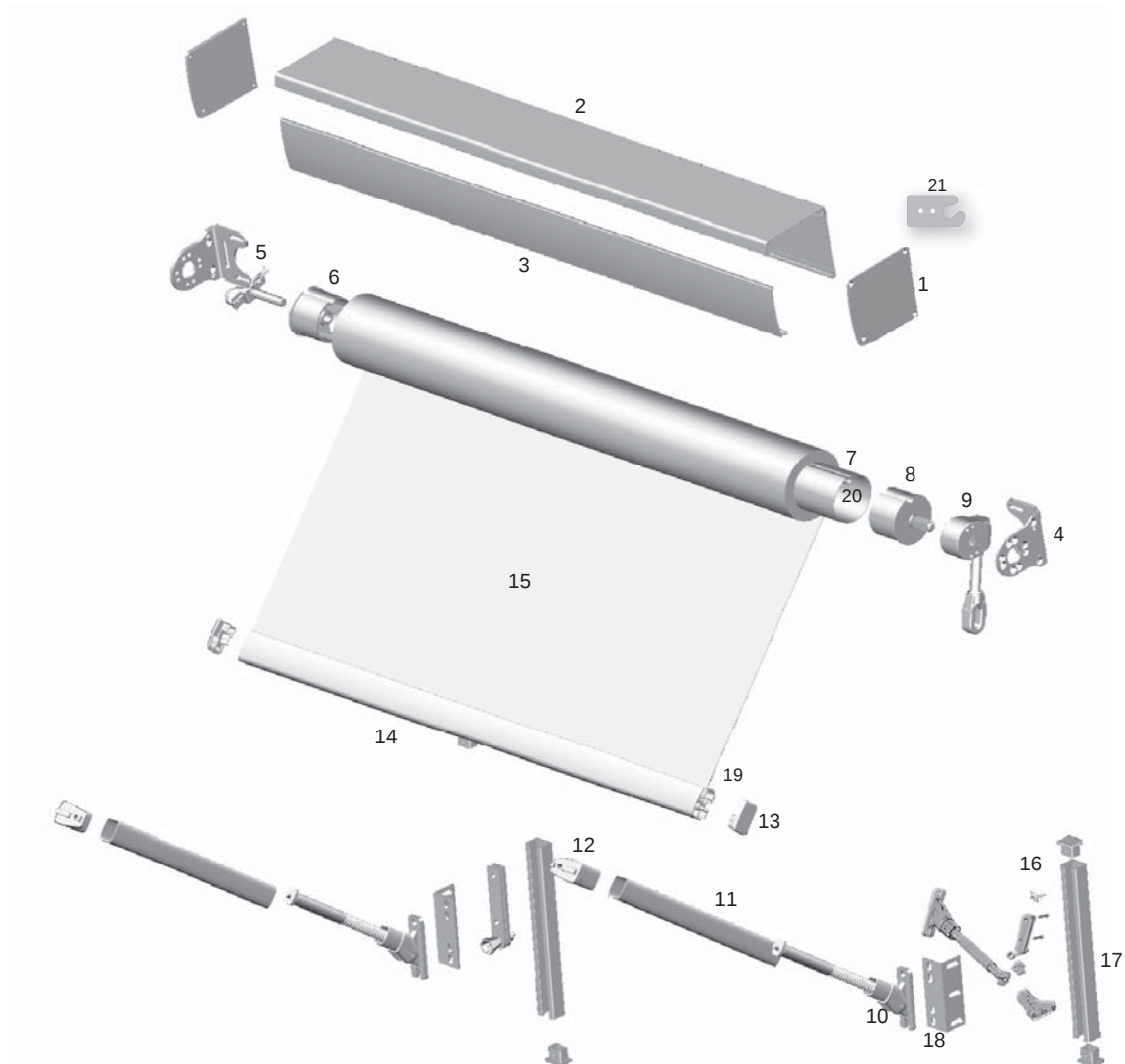
ALPHA DEEP CHANNEL AWNING INSTALLATION

STEP 1 - INSTALL HEADBOX OR OPEN ROLLER	STEP 2 - OPEN THE CHANNEL FRONT COVER
Refer to the following sections for instructions - i - open roller install (pg12) - ii - headbox install (pg14)	 The installation channel will be supplied fully assembled (Back Channel, Brush, Front channel with Top and Bottom channel caps attached). - Disconnect the front Channel by leveraging pressure on the Inside edge. If needed use a screw driver in the shadow detail to assist with the disconnect.
STEP 3 - INSTALL THE BACK CHANNEL	STEP 4 - INSTALL THE ROLLER TUBE
 Use the bolt attached to the top channel cap to locate the bottom hole of the installation bracket. (Face fit installs only) This will ensure the channel is correctly lined up. - Secure the back channel to the fixing surface every 700mm. Use a spirit level to ensure the channel is level.	Refer to installing the roller section (pg17)
STEP 5 - FEED FABRIC INTO THE BACK CHANNEL	STEP 6 - ATTACH CHANNEL FRONT COVER
 Lower the awning approximately 100mm. - Feed the fabric through the top channel cap.	 Fully lower and raise the awning to ensure the installation is square. - Once satisfied, snap on the front cover using the hook detail and leveraging pressure on the outside edge of the front cover.

ACCESSORIES

	
OPTIONAL: HOLD DOWN STRAPS	OPTIONAL: LOCKING BOLTS
These instructions relate to fixing hold down straps to other guiding options. In order to protect the hold down clips, they will be supplied uninstalled from the bottom rail. - Remove Bottom Rail end cap - Insert ALL hold down clips with strap, buckle and dog clip attached. - Lower awning to desired fixing height. - Slide hold down clips and straps to desired hold down locations. - Fix breeching staple to floor or wall surface under hold down straps. - Use dog clip to attach hold down to breeching staple.	The locking bolts will be supplied pre-installed to the bottom rail. - Lower awning to desired fixing height. - Slide locking bolts out to desired fixing location - Line up locking bolts with the channels and ensure the bottom rail is level. - Mark fixing holes on channel and drill using a 12mm drill piece - Slide locking bolts into the hole and apply tension to ensure a level installation. - Holes can be drilled at a variety of different stopping locations along the channel dependent on consumer requirements

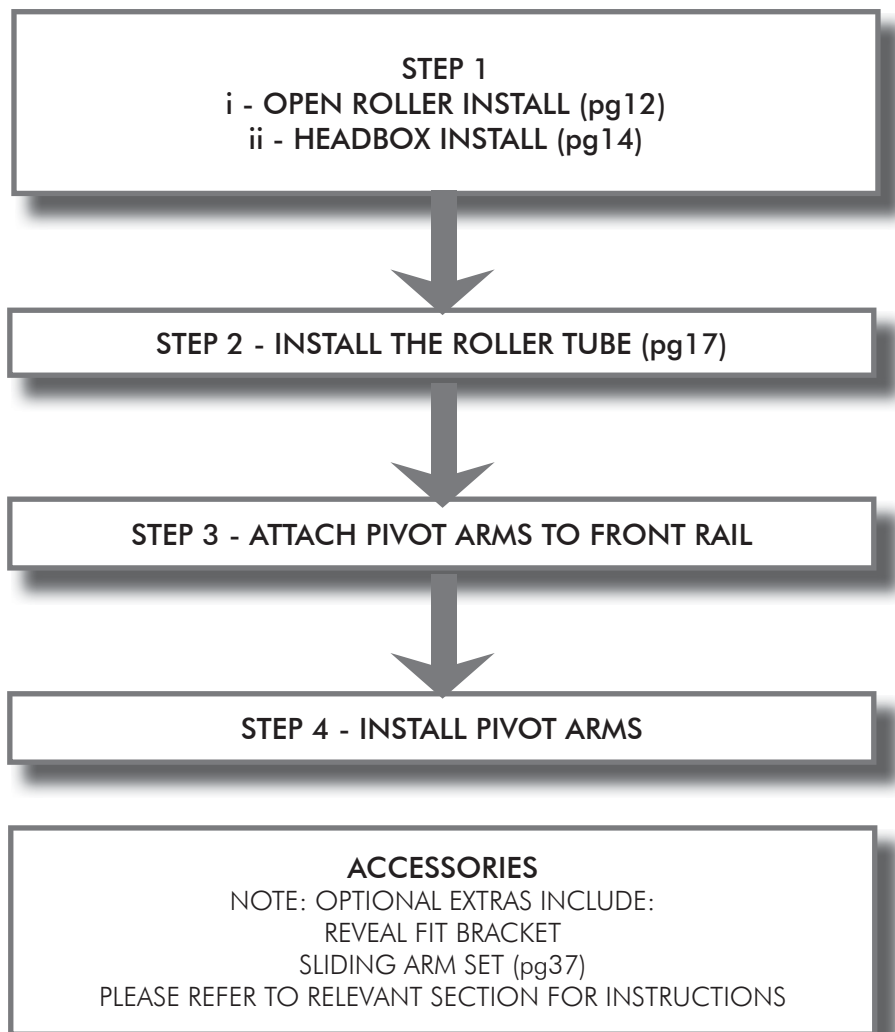
ALPHA PIVOT ARM AWNING



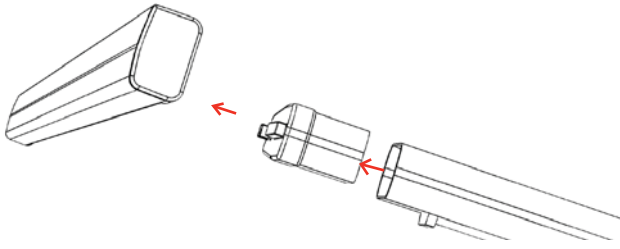
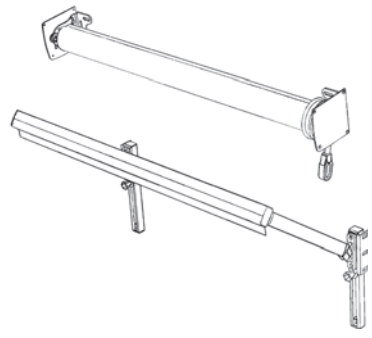
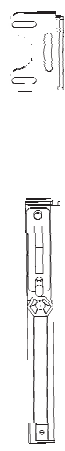
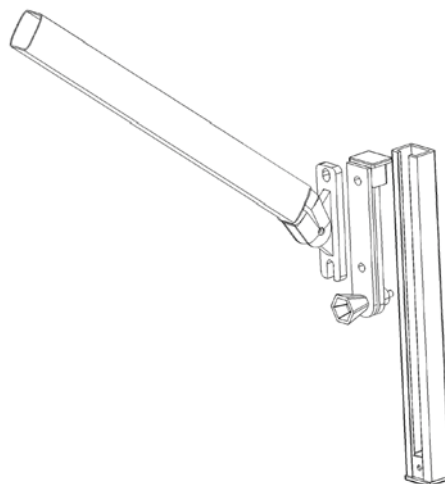
No.	Part No.	Description
1	46.017.000	HEADBOX END CAP LH & RH- MILL
	46.017.100	HEADBOXEND CAP LH & RH- SILVER PEARL
2	46.005.000	HEADBOX BACK PLATE - MILL
	46.005.100	HEADBOX BACK PLATE - SILVER PEARL
3	46.013.000	R PA HEADBOX FRONT - MILL
	46.013.100	R PA HEADBOX FRONT - SILVER PEARL
4	46.019.000	100MM UNIVERSAL BRACKET Z
	46.019.063	100MM UNIVERSAL BRACKET SS
5	46.002.000	PIVOT PIN & PLATE Z
	46.002.063	PIVOT PIN & PLATE SS
6	46.506.000	60MM IDLE END
	44.210.000	70MM IDLER WITH HOLE
	46.507.000	78MM IDLE END
7	42.180.049	60MM TUBE
	46.522.500	70MM TUBE 5MT
	46.522.700	70MM TUBE 7MT
	46.521.500	78MM TUBE 5MT
	46.521.700	78MM TUBE 7MT
8	42.603.855	60MM DRIVE END - SMALL
	44.209.000	70MM DRIVE END
	46.504.000	78MM CRANK DRIVE END
	46.505.000	60MM DRIVE END - 13MM SHAFT

9	42.522.000	4:1 CRANK GEAR MILL
	46.502.100	9:1 GEAR SILVER
	46.502.122	9:1 GEAR WHITE
	46.502.837	9:1 GEAR BLACK
10	46.409.000	PA ARM BRACKET WITH SPRING
11	46.408.000	PA ARM PROFILE
12	46.407.000	PA FRONT RAIL CONNECTOR
13	46.420.000	PA FRNT RAIL END CAP
14	46.419.000	R PA FRONT RAIL - MILL
	46.419.100	R PA FRONT RAIL - SILVER PEARL
15	82.296.XXX	CANVAS FABRIC
	44.001.XXX	2.34M EVERVIEW EXTERNAL SCREEN FABRIC
	44.002.XXX	3.2M EVERVIEW EXTERNAL SCREEN FABRIC
16	46.025.000	SLIDE RAIL ARM SET
17	46.414.000	PA SLIDE RAIL 32X25MM 6M
18	46.416.100	PA ANGLE BRACKET (SIDE FIX)
19	44.132.000	4.2MM ES SOLID SPLINE
	42.421.855	6MM SPLINE
20	42.198.000	3.5MM HARD SPLINE
	42.421.855	6MM SPLINE
21	46.520.000	HEADBOX REVEAL CLIP

ALPHA PIVOT ARM AWNING INSTALLATION



ALPHA PIVOT ARM AWNING INSTALLATION

STEP 1 - INSTALL HEADBOX OR OPEN ROLLER		STEP 2 - INSTALL THE ROLLER TUBE	
Refer to the following sections for instructions i - open roller install (pg12) ii - headbox install (pg14)		Refer to installing the roller section (pg17)	
STEP 3 - ATTACH PIVOT ARMS TO FRONT RAIL		STEP 4 - INSTALL PIVOT ARMS	
			
Attach pivot arms to front rail NOTE: Arms should be positioned within 300mm of the ends of the bottom rail and should be of equal distance.		Lower front rail 20mm below headbox or brackets and ensure the tube and front rail are parallel. - Mark fixing location of pivot arm installation foot. - Install pivot arms using screws. NOTE: For Alpha Pivot Awning Reveal installations an angle bracket will be provided to mount the pivot arm foot to. The location of the angle bracket can be determined using the above process.	
ACCESSORIES			
			
OPTIONAL: STEP 3 A - SLIDING ARM SET		OPTIONAL: STEP 3 B - SLIDING ARM SET	
Place slide rail under top bracket and align vertically. - Secure slide rail to wall surface using screws.		Attach Pivot Arm to slide rail set. - Insert slide rail set and Pivot Arm into the slide rail. - Lift spring bolts on sliding set to move the pivot arms.	

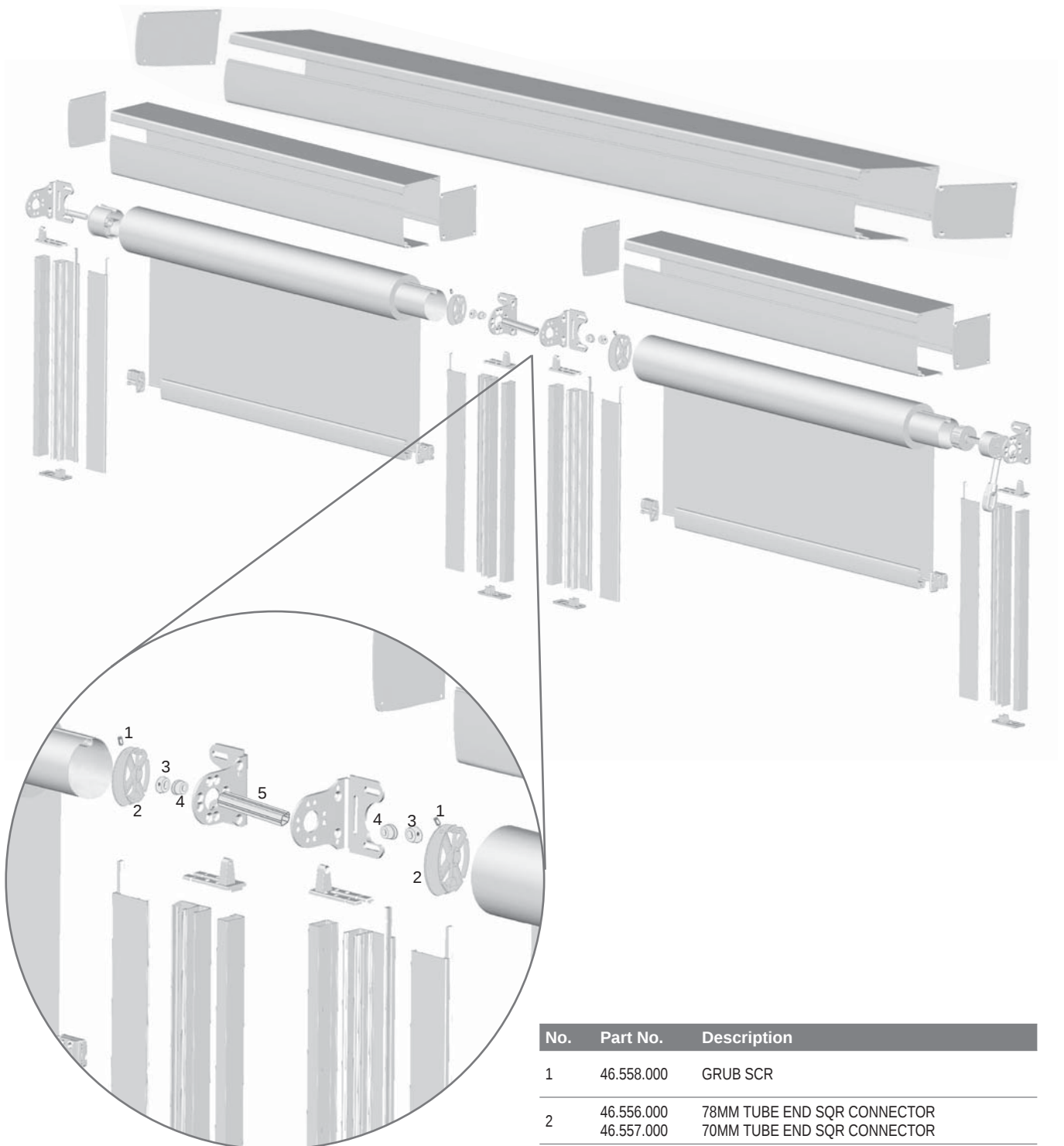
OPTIONAL: STEP 3 C - SLIDING ARM SET



Raise front rail over Pivot Arm front rail connector and onto fabric.

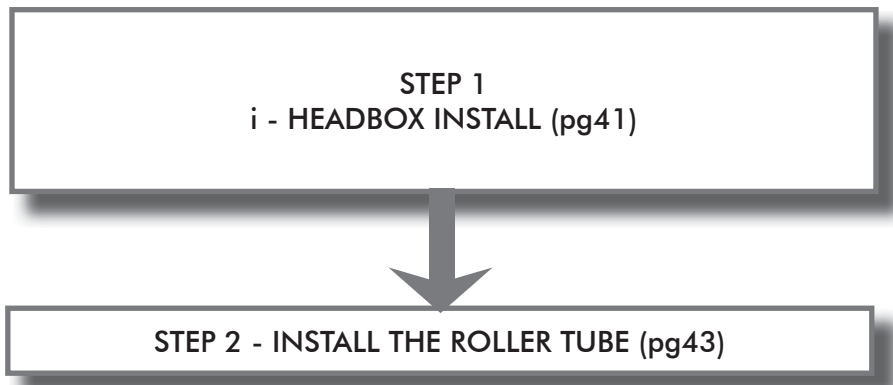
- Align Front rail 20mm below the top bracket – this is the resting location for the Pivot Arms.
- Ensure the front rail and roller tube are parallel at all times.

ALPHA LINKED OPTION

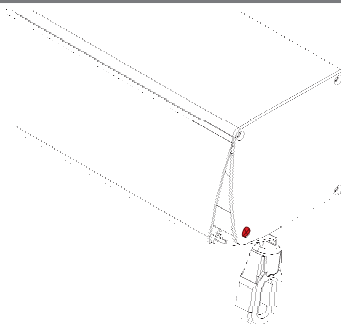
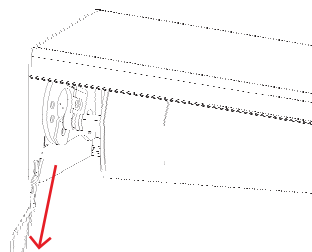
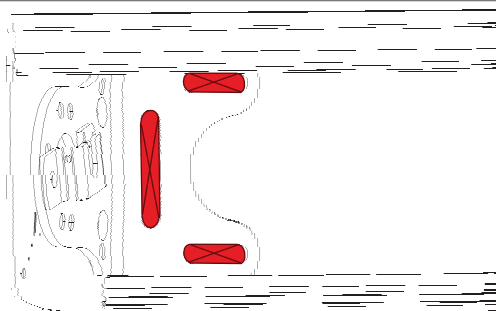
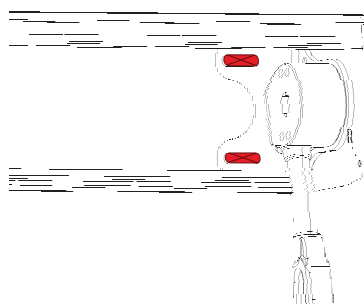
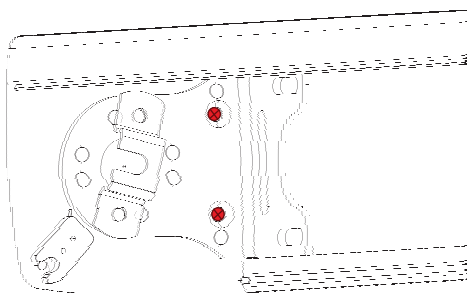
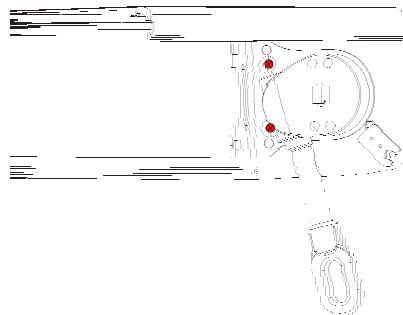


No.	Part No.	Description
1	46.558.000	GRUB SCR
2	46.556.000 46.557.000	78MM TUBE END SQR CONNECTOR 70MM TUBE END SQR CONNECTOR
3	46.561.000	16MM SHAFT COLLAR
4	46.560.000	BRACKET BUSHING
5	46.559.030	SQR SHAFT LINK CONNECTOR

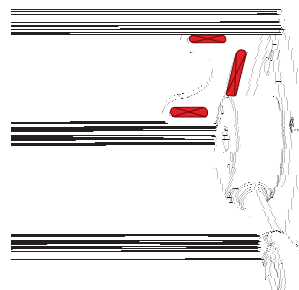
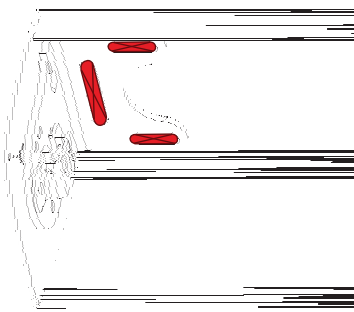
ALPHA LINKED OPTION



ALPHA LINKED OPTION HEADBOX INSTALL

STEP 1 - OPEN THE HEADBOX		STEP 2 - REMOVE ROLLER TUBE	
			
Open the headbox front cover by unscrewing the bottom screw on the headbox end cap. Repeat on opposite side. NOTE: For reveal fit the screw is no longer required.		Pull out the idle end locking pin and remove the roller tube idle end first.	
STEPS 3 - FACE FIT			
			
IDLE END		DRIVE END	
STEPS 3 - REVEAL FIT INSTALL			
			
IDLE END		DRIVE END	

STEPS 3 - CEILING FIT INSTALL



SEPARATE HEADBOX

Mark and drill the head box back plate where the fixings will go.

NOTE: Always secure the headbox back panel through the installation brackets or spreader plate!

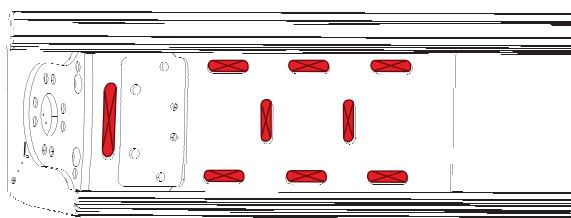
- After determining the exact position of the headbox you can fasten the brackets and headbox on the installation surface.
- Mark the fixing holes for the first bracket.
- Drill holes to suit the method of fixing determined by the substrate being fixed to.
- Secure installation screw in bracket to hold one side of head box.
- Repeat the process for the opposite bracket and ensure that the head box is straight using a spirit level.
- Repeat the above process for the remaining blinds and ensure the holes in the end plates match up.

NOTE: If required pack out the headbox.

- Once satisfied the headbox is level, secure remaining fixing points.

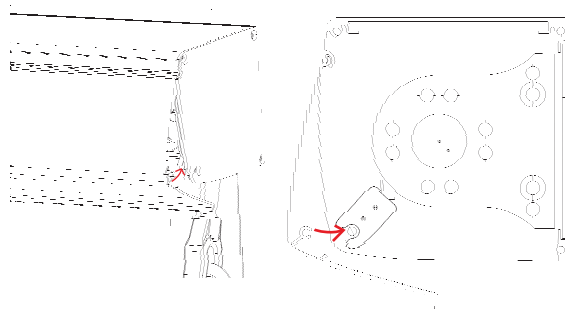
NOTE: For awnings over 3500mm wide, add an additional fixing point through the centre of the headbox back panel. E.g 3500mm wide secure at 1750mm.

ACCESSORIES



SPREADER PLATE

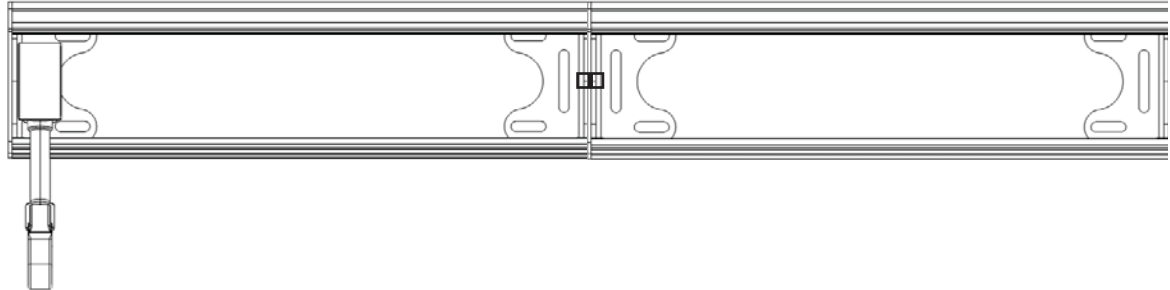
If there is no substantial fixing point at the ends of the headbox, a Spreader Plate can be added. This allows 250mm of flexibility for installation points at each end of the awning. If a spreader plate is ordered, this will come preassembled to the bracket inside the headbox determined by the installation type specified. Secure through Fixing points highlighted in the image.



REVEAL FIT CLIPS

For reveal fit install, clips will be provided on the headbox end caps. Insert the headbox front panel and snap into clips to secure.

ALL IN ONE HEADBOX

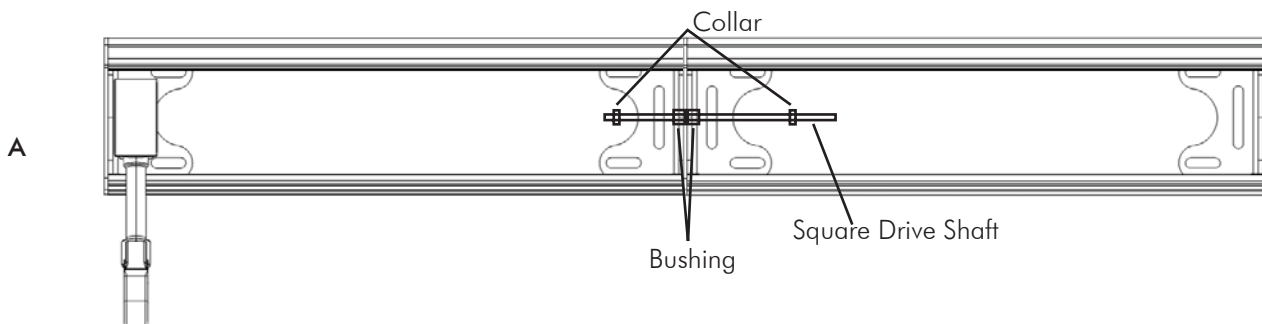


Mark and drill the head box back plate where the fixings will go.

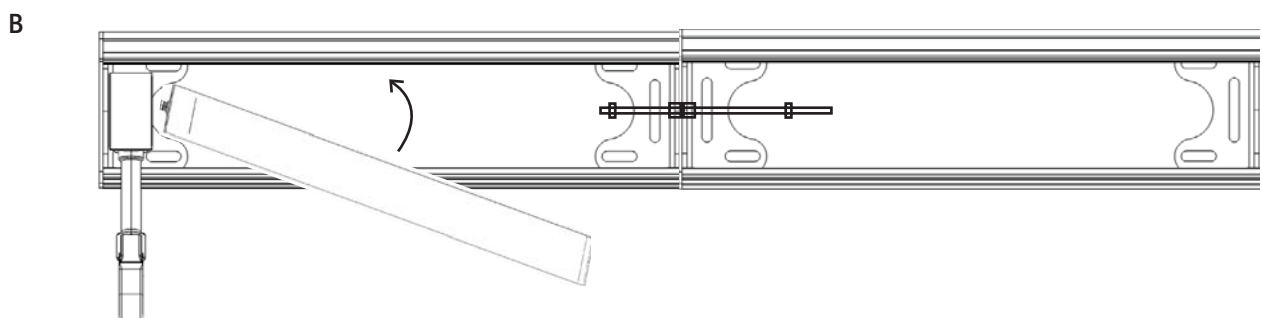
NOTE: Always secure the headbox back panel through the installation brackets or spreader plate!

- After determining the exact position of the headbox you can fasten the brackets and headbox on the installation surface.
- Mark the fixing holes for the first bracket.
- Drill holes to suit the method of fixing determined by the substrate being fixed to.
- Secure installation screw in bracket to hold one side of head box.
- Secure the idle end and subsequent brackets, ensuring the outside of bracket to outside of bracket measurements are as measured. Ensure you have inserted the 2 bushings into the centre holes of the brackets from the outside in before securing any subsequent brackets.

INSTALLING THE ROLLER TUBE



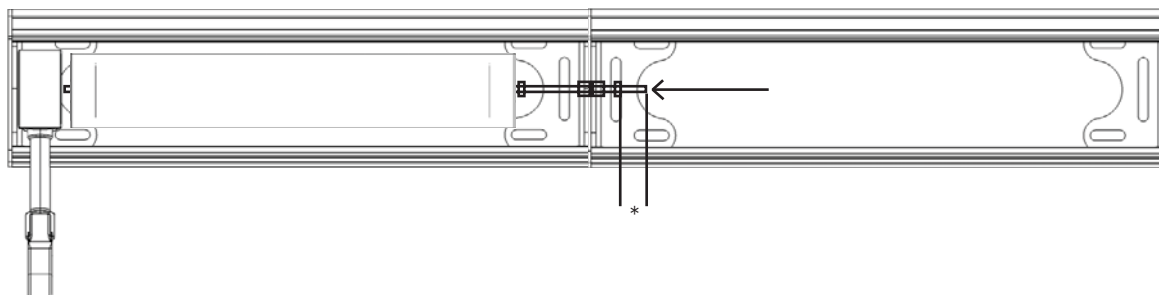
Insert the square drive shaft through the bushings. Insert a collar on either side of the square drive shaft.



Insert the drive end of the first blind into the crank gear. Raise and position the idle end of this blind in line with the square drive shaft.

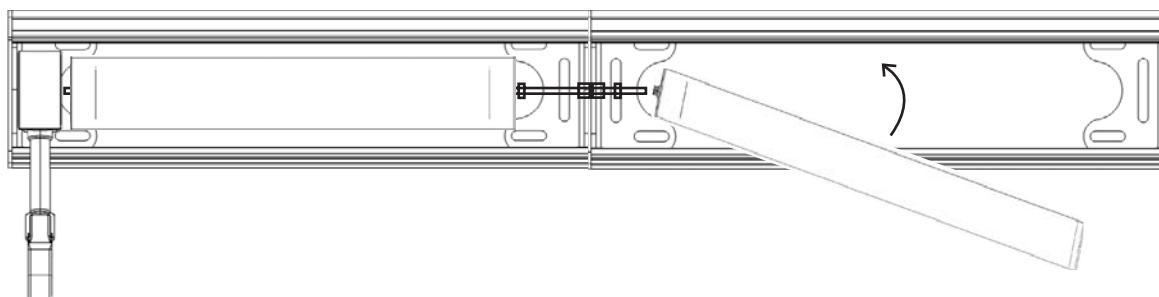
INSTALLING THE ROLLER TUBE - CONTINUED

C



Insert the square drive shaft into the idle end of the drive blind so only 40mm (*) is protruding into the drive end of the second blind. Use an Allen key to secure the collar against the idle end of the drive blind.

D

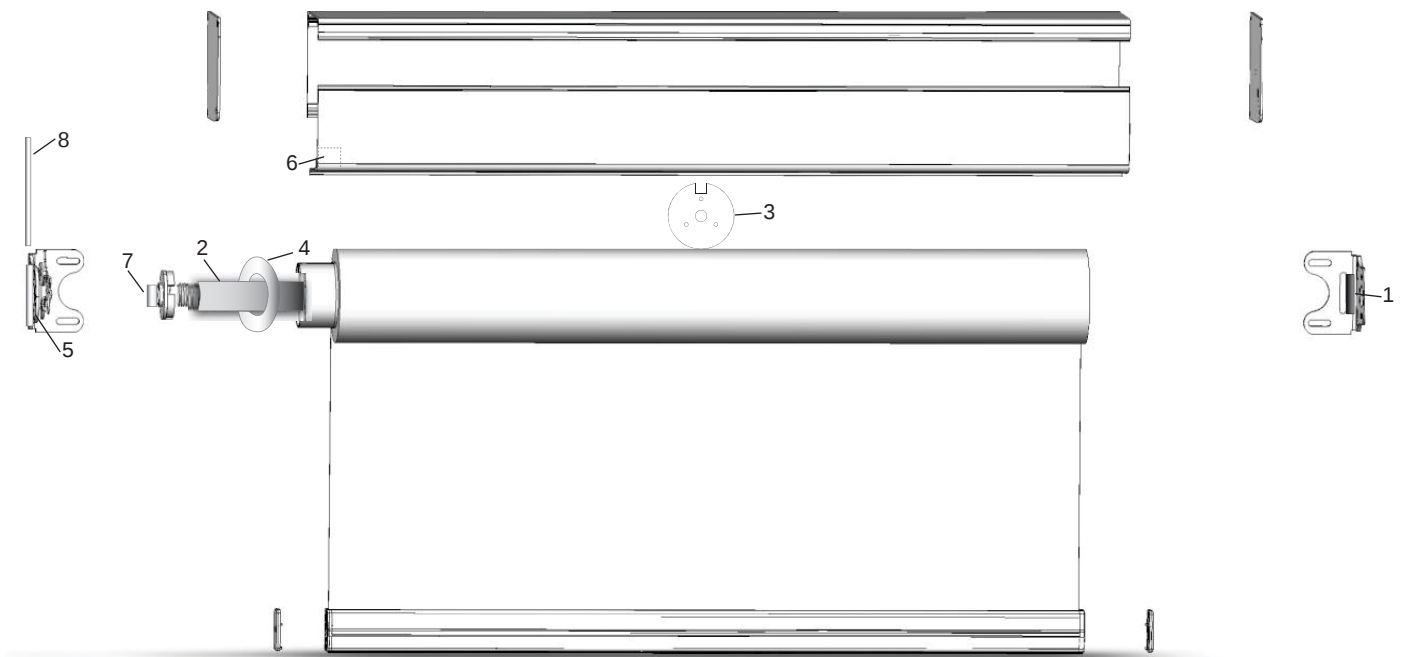


Repeat step B above ensuring the bottom rails are as close to level as possible. For final blind insert idle pin into the standard tube idle end and position into idle end bracket. Use an Allen key to secure the collar against the drive end of the idle blind

Un-wind the fabric on all blinds and use an allen key through the 6mm drilled hole in the roller tube to lock the grub screw on the square shaft in location. This will ensure the bottom rails roll up evenly.

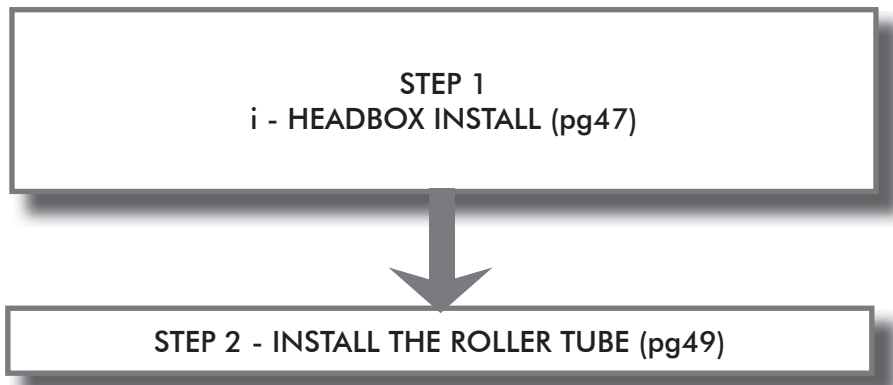
Install all other components as per the normal installation process for that style of Alpha awning.

ALPHA SOFTLIFT CONTROL OPTION



No.	Part No.	Description
1	46.548.000	10MM BLOCK SPACER
2	46.574.000 46.575.000 46.576.000	SOFTLIFT SPRING 750MM SOFTLIFT SPRING 1200MM SOFTLIFT SPRING 1800MM
3	46.567.000	78MM IDLE END ADAPTOR BLACK
4	46.569.000 46.579.000	78MM SPRING SUPPORT BLACK 60MM SPRING SUPPORT
5	46.578.063	SOFTLIFT RELEASE MECHANISM
6	46.580.000	RELEASE MECH CONTROL TAPE
7	46.581.000	SOFTLIFT SPACER BUSH
8	46.582.000	SPRING PIN

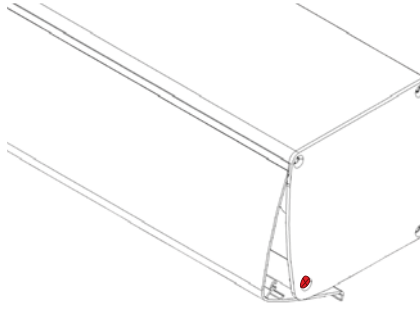
ALPHA SOFTLIFT OPTION



ALPHA SOFTLIFT OPTION HEADBOX INSTALL

STEP 1 - OPEN THE HEADBOX

STEP 2 - REMOVE ROLLER TUBE

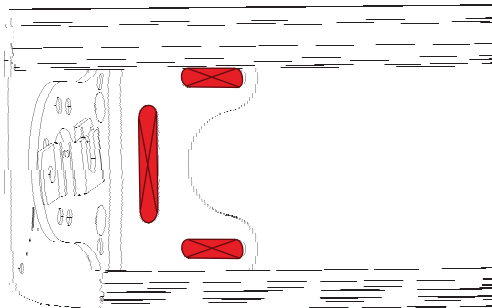


Open the headbox front cover by unscrewing the bottom screw on the headbox end cap. Repeat on opposite side.

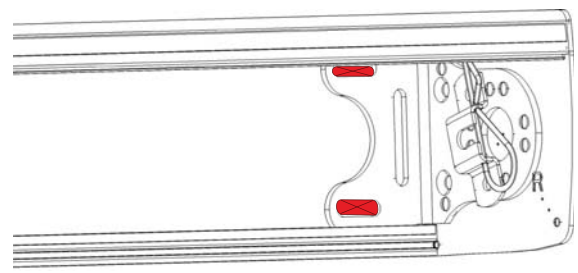
NOTE: For reveal fit the screw is no longer required.

Pull out the idle end locking pin (RHS) and remove the roller tube idle end first.

STEPS 3 - FACE FIT

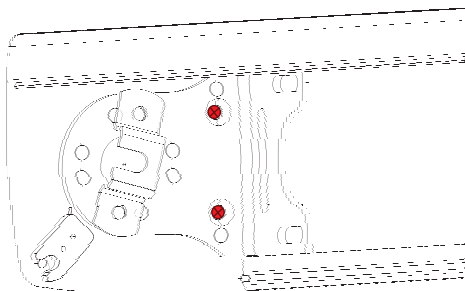


IDLE END

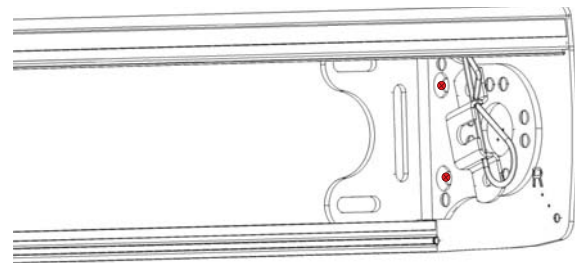


DRIVE END

STEPS 3 - REVEAL FIT INSTALL

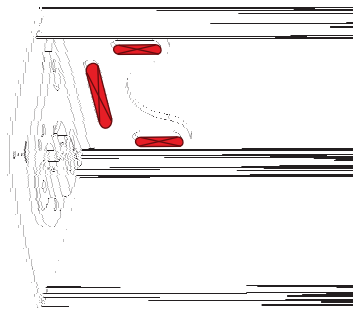


IDLE END



DRIVE END

STEPS 3 - CEILING FIT INSTALL



Mark and drill the head box back plate where the fixings will go.

NOTE: Always secure the headbox back panel through the installation brackets or spreader plate!

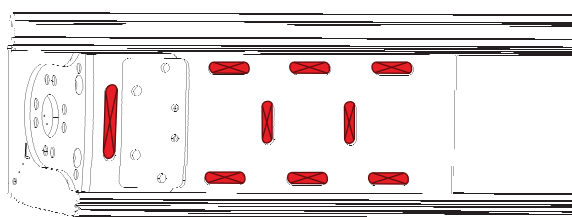
- After determining the exact position of the headbox you can fasten the brackets and headbox on the installation surface.
- Mark the fixing holes for the first bracket.
- Drill holes to suit the method of fixing determined by the substrate being fixed to.
- Secure installation screw in bracket to hold one side of head box.
- Repeat the process for the opposite bracket and ensure that the head box is straight using a spirit level.

NOTE: If required pack out the headbox.

- Once satisfied the headbox is level, secure remaining fixing points.

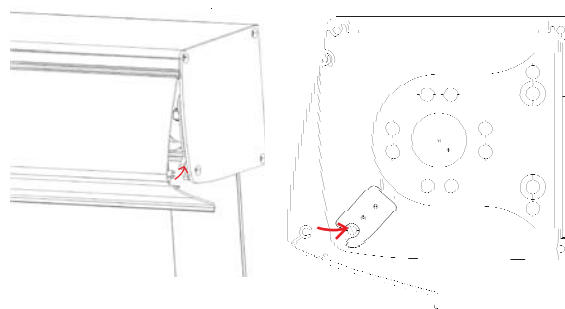
NOTE: For awnings over 3500mm wide, add an additional fixing point through the centre of the headbox back panel.
E.g 3500mm wide secure at 1750mm.

ACCESSORIES



SPREADER PLATE

If there is no substantial fixing point at the ends of the headbox, a Spreader Plate can be added. This allows 250mm of flexibility for installation points at each end of the awning. If a spreader plate is ordered, this will come preassembled to the bracket inside the headbox determined by the installation type specified. Secure through Fixing points highlighted in the image.



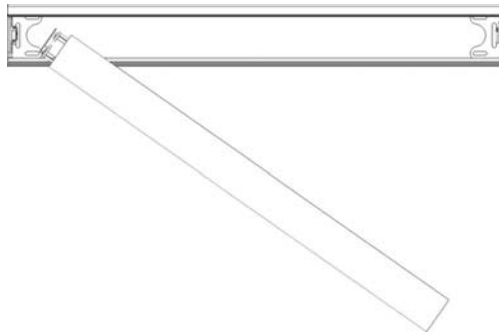
REVEAL FIT CLIPS

For reveal fit install, clips will be provided on the headbox end caps. Insert the headbox front panel and snap into clips to secure.

INSTALLING THE ROLLER TUBE



When installing the spring into the bracket ensure the locking point is in the up position.
The awning will not lock in position if the lock point is installed upside down.



- Tension the spring using the below chart as a guide.
- Adjust tension as required however there should only be enough tension on the spring that the bottomrail needs to be assisted by hand to raise the awning.
- Ensure the spring bush is installed
- Insert the drive end of the first blind into the spring adaptor plate. Ensuring the lock point is up, raise and position the idle end of this blind into the idle end bracket.

Soft Lift Spring Tension Chart (60mm tube)

		Width								
Drop	1000	1200	1500	1800	2100	2500	2800	3100	3300	3500
1000	1	2	3	4	5	8	14	15	16	17
1200	1	2	3	4	5	9	14	16	17	18
1500	1	2	3	5	6	14	15	16	17	18
1800	1	2	3	5	8	14	15	16	17	22
2100	1	2	3	5	13	14	15	16	22	23

Soft Lift Spring Tension Chart (78mm tube)

		Width						
Drop	1000	1200	1500	1800	2100	2500	2800	3100
1000	3	4	4	5	6	9	15	16
1200	3	4	5	6	7	9	16	17
1500	3	4	5	6	8	16	17	18
1800	3	4	5	7	10	17	17	18
2100	3	5	6	8	16	17	18	19

"Tension should be applied during the installation process.

The number of turns to tension the spring will depend on the customers preference. The presence of channels will also influence the amount of tension due to the extra friction on the sides of the blind.

Please use this tensioning guide as a start point."

INSTALL THE REST OF THE AWNING AS PER THE RELEVANT SECTION OF THE MANUAL.

OPERATING INSTRUCTIONS

Manual Operation of the awnings with Crank

To extend the awning:

- Insert end of crank handle into the drive gear winding mechanism.
- Rotate crank clockwise until awning is fully extended. (Do not keep winding once resistance is felt). It is then recommended that you turn the crank anti clockwise slightly to reduce tension.

To retract the awning:

- Insert end of crank handle into gear winding mechanism.
- Rotate anti clockwise until awning is fully retracted.
(Do not keep winding once resistance is felt.)

Warning!

Watch the screen fabric carefully when retracting the awning to ensure there are no obstructions or creasing of the fabric. Should any resistance be felt or visible signs of the fabric not rolling up straight, stop immediately and turn crank in opposite direction until fabric is clear and runs smoothly, then start retracting again slowly.

To extend the awning:

- Press the appropriate button on the remote control.
- The awning will extend until it reaches the preset fully extended position.
- The motor will stop automatically.

To retract the awning:

- Press the appropriate button on the remote control.
- The awning will retract until it reaches the preset fully retracted position.
- The motor will stop automatically.

Warning!

For automatic operating awnings or accessories, please ensure these are switched off during periods of absence (e.g. holidays) or when the awning will be left unattended.

Sun and/or winds Remote Options

- If the awning is equipped with sun and wind or wind only sensors, the awning will automatically extend or retract according to how the criteria has been set by the installation technician.
- The automatic retraction options are not fail safe and should not be relied upon to react quickly, especially with sporadic strong wind gusts.
- Never leave the awning unattended as manual intervention may be required.

Warning!

Alterations to the preset limits for extension and retraction of the awning must be made by qualified personnel only. Do not attempt this yourself.

SOFT LIFT OPERATION INSTRUCTIONS

The ALPHA Soft lift control option is designed for quick and easy operation. This feature allows you to raise and lower the awning quickly, making it ideal for outdoor areas.



Lowering the awning

To lower the awning, take hold of the middle of the bottom rail with both hands and pull down to the desired height. Gently release awning to lock in place. The awning will move to the nearest lock position.



Raising the awning

To raise the awning, take hold of the bottom rail with both hands and using a swift flick motion pull the awning down slightly.

Then lift the bottom rail to raise the awning. Gently release the awning to lock in place. The awning will move to the nearest lock position.

If the awning is locked in the down position and you are unable to raise the awning using the above method, the release mechanism can be used to raise the awning to a height that will allow normal operation.

To operate the release mechanism:



Insert the release pin and handle into the hole on the left hand side of the awning headbox and turn to screw into position.



Firmly pull the release handle to the fully down position.



Firmly push the handle all the way up until you reach a firm stop. repeat this step as required.

Please note:

The release mechanism features secure lock points along the rotation of the roller tube.

The distance between the lock points will vary depending on the height of the blind and the thickness of the fabric. As a result of this, the lowest locking point may result in a gap between the bottom rail and the base of the opening.

This gap can be easily eliminated with either a fabric valance or locking bolts which can be used to hold the base rail against the bottom of the opening.

Size Limitations

Style	Width	Drop
STC	3000	2200
All others (60mm Tube) only	3500	2200

*Not available with clear PVC

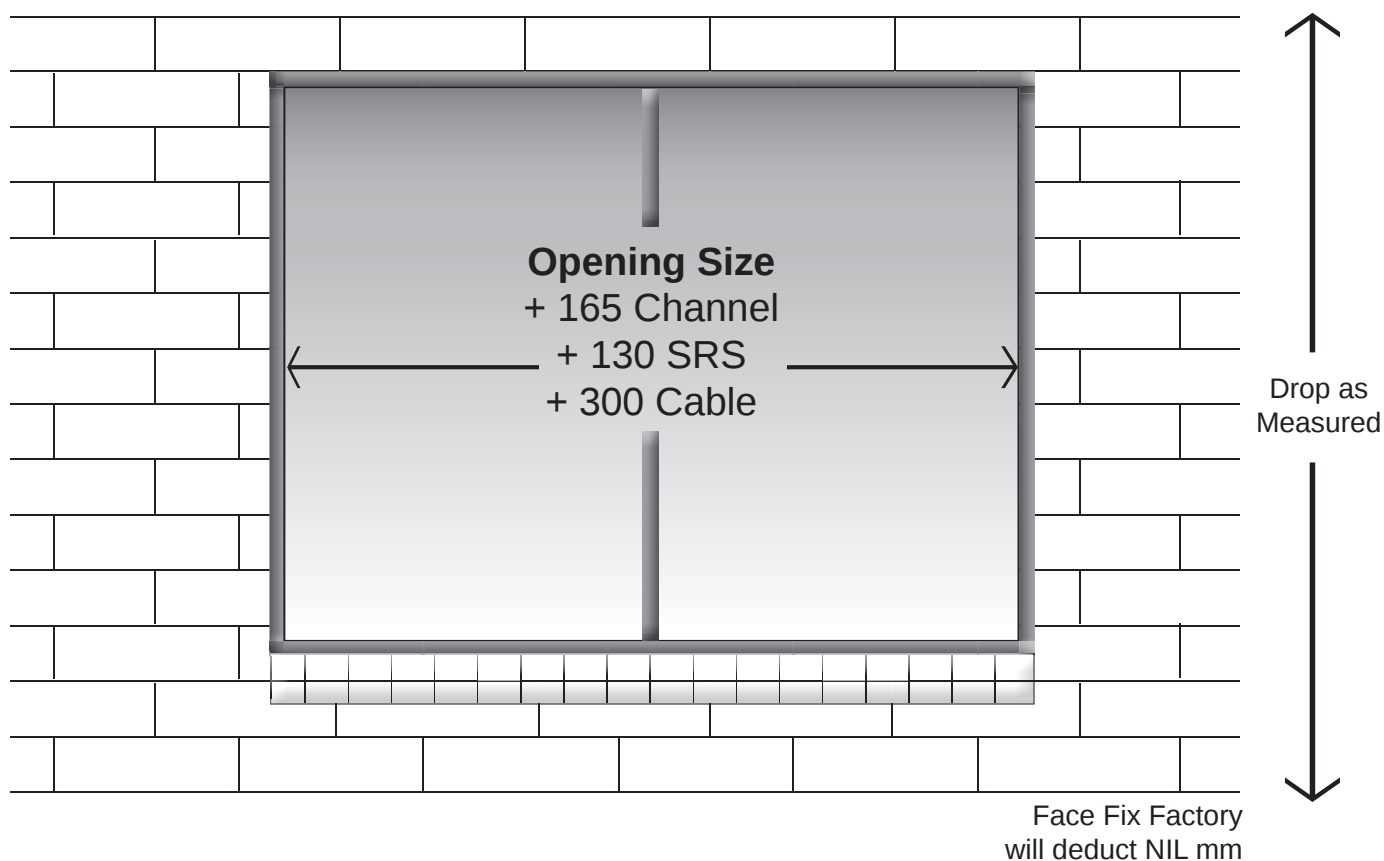
CARE & CLEANING

Ensure any motorised awning or option is turned off prior to any cleaning.

- The hardware of the awning is low maintenance. Wipe down with a damp cloth as necessary to remove any dirt or dust.
- Should the awning require cleaning due to dirt or pollution build up, the following cleaning is recommended:
 - Hand wash with soft bristle brush or broom in 30° hot water with general cleaning detergent.
 - Rinse off several times with clean water.
 - Repeat procedure as necessary until fabric is completely cleaned and all detergent is rinsed off.
 - Let fabric dry before retracting.
 - If the awning must be retracted whilst still damp, extend fully as soon as possible to avoid mould forming on the fabric.

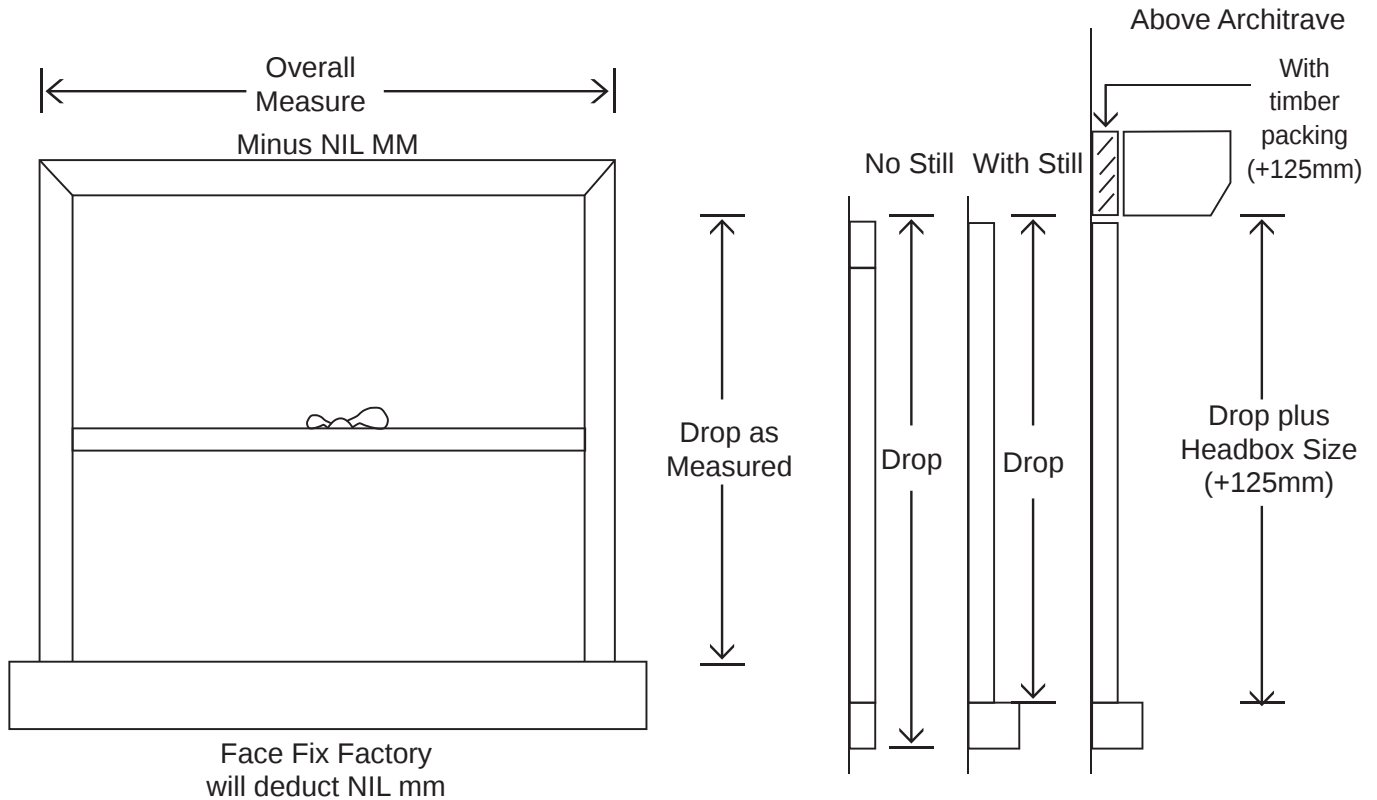
FULL BRICK ON FACE/ BRICK VENEER

Minimum Requirements

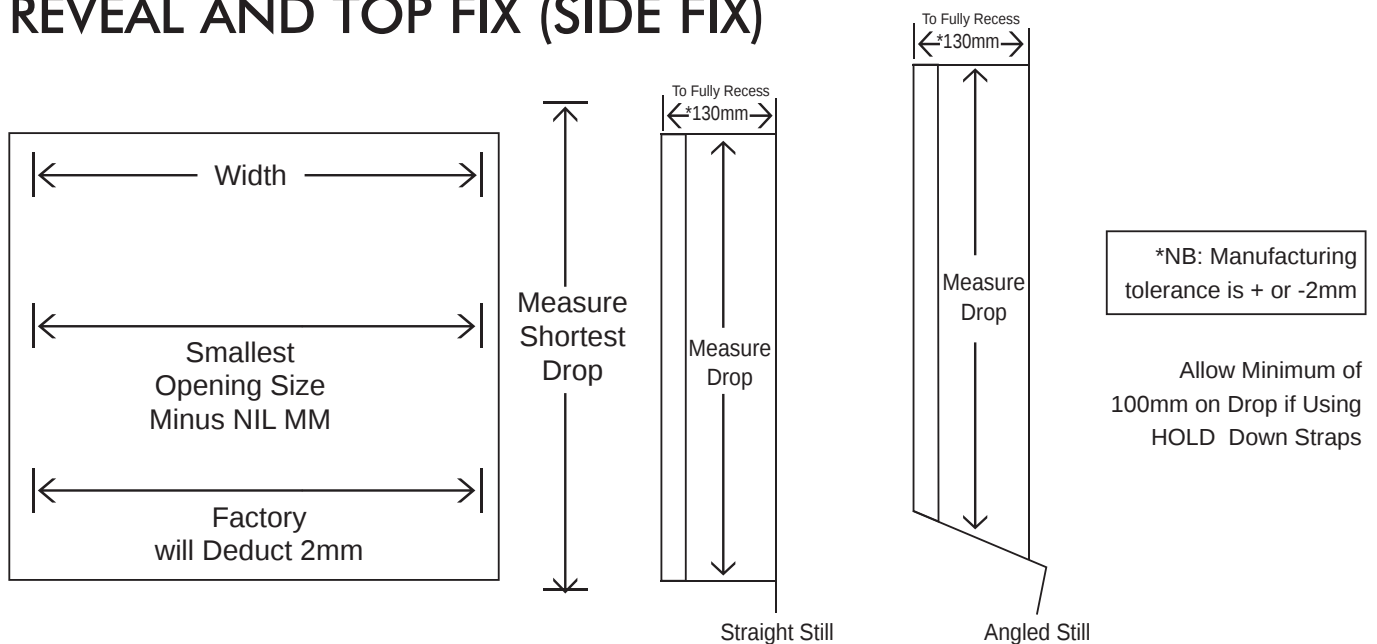


Channel Dimensions 81 x 33.5mm
Side Retention Channel Dimensions 63 x 33.5mm

ON FACE ARCHITRAVE



REVEAL AND TOP FIX (SIDE FIX)



Headbox Dimensions are

Projection= 130mm

Drop = 125mm



Bracket Dimensions are

Drop = 100mm

Projection= 100mm

Width= 68mm

