Alpha MagnaTrack Installation Manual

Weathermaster®

SAFETY & WARNING ADVICE

A minimum of 2 people is necessary for proper installation.

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 REQUIRED

The following tools are required for installation:

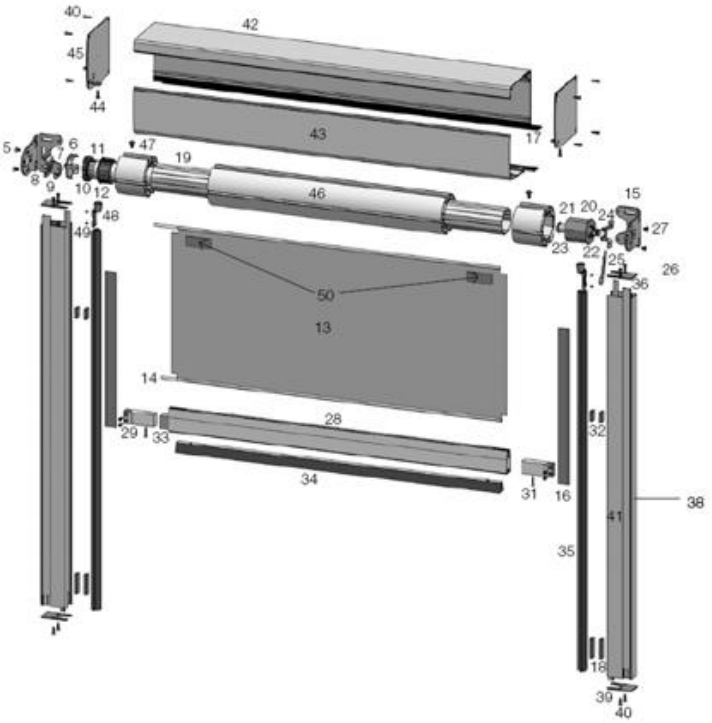
- Level
- Battery Drill
- Screwdrivers
- Hammer Drill
- Drill Bits
- Rubber Mallet

MAGNET CARE & HANDLING

- The magnetic field affects pacemakers, so they need to be kept outside this range
- Do not cut the magnets. They will blunt the cutting blade or shatter causing serious injury
- Do not powder coat the magnets. The baking temperatures in the process remove the magnetic field
- Temperatures over 130˚c remove the magnetic field
- The magnets have high forces which will cause pinch points
- The magnets are brittle and will chip/break easily. For instance, if dropped from a workbench or released to attract together from about 75mm apart
- If the chrome plating on the surface is chipped or removed severe corrosion will occur

MAGNATRACK EXPLODED DIAGRAM

No	Part Code	Description
5	510121	UNIVERL ZAMACK BRT & LOCK RING
6		
7		
8		
9		
10	709848	ALTUS 50 RTS 25/17 MOTOR
11		
12	709916 709915	CROWM 60MM OCTAGONAL TUBE WHEEL 60MM OCTAGONAL TUBE
13	44.010.XXX 44011.XXX 44.012.XXX	STANCE FIBREGLASS SKIN
14	42.421.855	POLY-ABS SPLINE TUBE 6mm
15	52.000.063	UNIVERSAL BRACKET 74MM S-STEEL
16	52.001.XXX	4MM KEDER SPLINE
17	52.002.000	25MM HBOX FELT
18	52.003.XXX	2" LONG NEODYIUM MAGNET
19	52.005.000	60MM OCTAGONAL TUBE (X2 PER BLIND IF OVER 1072MM WIDE)
20	52.006.000	60MM OCTAGONAL TUBE IDLER END ASSEMBLY (15.5MM SQR SHAFT
21	52.005.000	60MM OCTAGONAL TUBE IDLER END ASSEMBLY (HOUSING)
22	52.006.000 52.007.063	60MM OCTAGONAL TUBE IDLER END ASSEMBLY (BEARINGS)
23		60MM OCTAGONAL TUBE IDLER END ASSEMBLY (EXTERNAL CIRCLIPS)
24		60MM OCTAGONAL TUBE IDLER END ASSEMBLY (EXTERNAL CIRCLIPS)
25		16MM SQR IDLER END PLATE (R-CLIP)
26		16MM SQR IDLER END PLATE
27	52.007.063	16MM SQR IDLER END PLATE (SCREWS)
28	52.008.XXX	BOTTOM BAR
29	52.009.000	BOTTOM BAR PROBE (HOUSING BLOCK)
30	52.008.XXX	BOTTOM BAR PROBE (KEDER SCREWS)
31	52.009.000	BOTTOM BAR PROBE (SECURING SCREWS)
32	52.010.000	1" LONG NEODYMIUM MAGNET
33	52.001.030	BOTTOM RAIL WEIGHTS
34	52.012.000	BOTTOM BAR FELT
35	52.013.XXX	MAGNATRACK GUIDE
36	52.014.XXX	MAGNATRACK COVER
38	52.016.XXX	MAGNATRACK HOUSING
39	52.017.XXX	MAGNATRACK END CAP (MAIN BODY)
40	52.017.XXX	MAGNATRACK END CAP (SCREWS X8)
39	52.017.XXX	M150 HEADBOX END CAP (STD SCREWS X8)
41	52.018.XXX	MAGNATRACK BUMPER
42	52.020.XXX	M150 HEADBOX (BACK PLATE)
43	52.021.XXX	M150 HEADBOX COVER FRONT
44	52.022.XXX	M150 HBOX END CAP (REVEAL SCREW)
45	52.021.XXX	M150 HBOX END CAPS
46	52.027.000	4" DONUT (75MM LONG 4" TUBE)
47		4" DONUT (SECURING SCREWS)
48	52.029.XXX	MAGNATRACK FUNNEL (MAIN BODY)
49	52.029.XXX	MAGNATRACK FUNNEL (GRUB & SCREWS)
50	52.030.000	VELCRO



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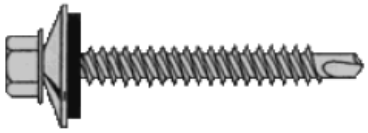
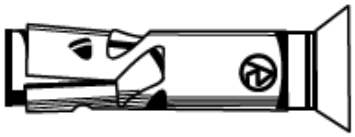
FIXINGS

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.

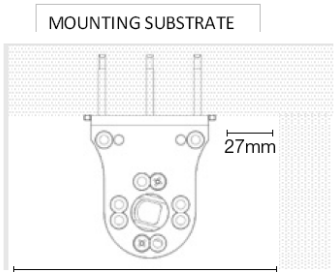
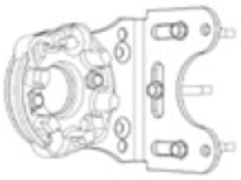
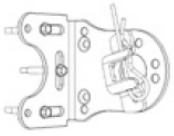
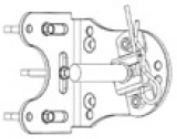
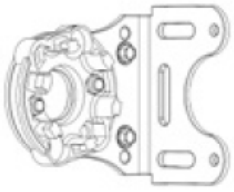
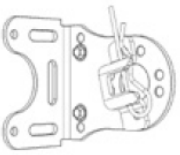
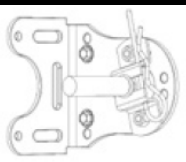
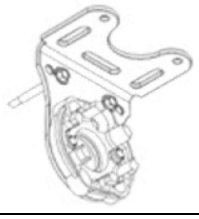
ITEM	TITLE	DESCRIPTION
	**Decking Screws** 12g x 65mm (minimum)	Used to fix channels
	**Roofing & Cladding** Hex Head (Buildex) 12g x 65mm Available in Metal or Timber thread	Used to fix universal brackets
	**Ramplug/Green Plug (Ramset)** 65mm Length	Used to fit to brick or concrete
	**Dyna Bolt (Ramset)** 6mm x 40mm	Used to face fix channels
	Dyna Bolt (Ramset) 8mm x 50mm	Used to fix universal brackets

OPEN ROLLER INSTALLATION

- Step 1 - Mark fixing holes for the first bracket
- Step 2 - Drill fixing holes
- Step 3 - Install the first bracket
- Step 4 - Measure overall width
- Step 5 - Repeat steps 1,2 & 3 for the second bracket

STEP 1

Mark fixing holes for first bracket based on the finished fitting scenario below.
Note: The scenarios are for motor LHS, Idle End RHS.

<table>
<tr><td> 
</td><td>Minimum spacing required for recess fit.</td></tr>
<tr><td colspan="2">In ceiling fit applications, the bracket needs to be 27 mm to vertical wall so the Alpha MagnaTrack Channel is in the correct position and 102mm tube with skin does not rub drive</td></tr>
<tr><td>DRIVE END</td><td>IDLE END</td></tr>
<tr><td colspan="2">SCENARIO 1 - FACE FIT (FF)</td></tr>
<tr><td>  </td><td>  OR 
60 mm OCTAGONAL TUBE ALL OTHER TUBES</td></tr>
<tr><td colspan="2">SCENARIO 2 – CEILING FIT ON FACE (CFF)</td></tr>
<tr><td>  </td><td>  OR 
60 mm OCTAGONAL TUBE ALL OTHER TUBES</td></tr>
<tr><td colspan="2">SCENARIO 3 – FACE FIT IN REVEAL (FFR)</td></tr>
<tr><td>  </td><td>  OR 
60 mm OCTAGONAL TUBE ALL OTHER TUBES</td></tr>
<tr><td colspan="2">SCENARIO 4 – CEILING FIT IN REVEAL (CFR)</td></tr>
<tr><td>  </td><td>  OR 
60 mm OCTAGONAL TUBE ALL OTHER TUBES</td></tr>
</table>

STEP 2

- Select fasteners to mount the blind based on the substrate it is being fixed to.
- Drill fixing holes for the first bracket based on the fasteners selected from the fixing table.

STEP 3

- Check the orientation of the motor/idle plates are correct on the universal bracket.
- Fix the first bracket in place using the fasteners selected above, ensure the bracket is straight using a spirit level. If required pack out the bracket.

STEP 4

- Measure the overall width to position the 2nd bracket and ensure the tube assembly will fit between the brackets.

STEP 5

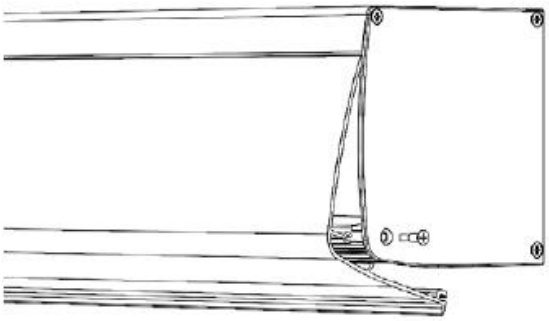
- Repeat steps 1 to 3 for the second bracket.

HEADBOX INSTALLATION

- Step 1 - Open the headbox
- Step 2 - Holes on headbox backplate
- Step 3 - Positioning and securing the headbox through the brackets. Always secure the headbox back panel/end caps through the installation brackets
- Step 4 - Front cover retainment in reveal fits

STEP 1

Open the headbox front cover by removing the screw in fig H1 shown below, note for reveal applications this screw is no longer required. (Hbox felt not pictured)



STEP 2

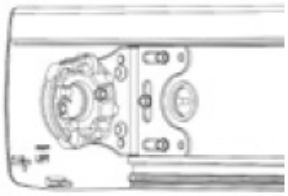
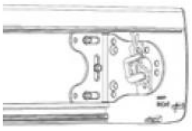
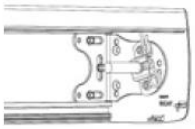
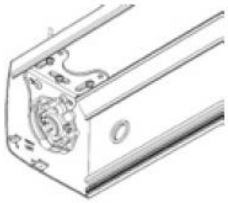
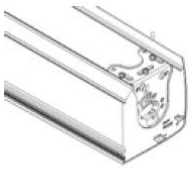
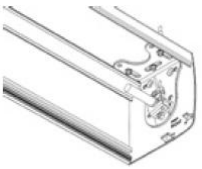
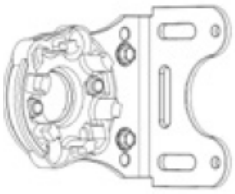
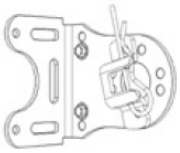
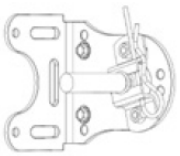
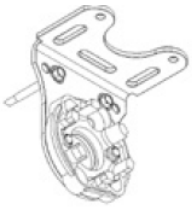
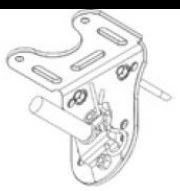
- Select fasteners to mount the blind based on the substrate it is being fixed to.
- Mark and drill the clearance holes on the headbox back plate or end caps for the 74mm universal bracket and electrical cable based on the finished fitting scenario below and the fasteners selected above.

Mark and drill additional clearance holes through the headbox back plate at intervals of (650 to 1750mm). Ensure the clearance hole for the electrical cable aligns with a suitable position on the installation surface

Apply protection around clearance hole for electrical cable from motor and ensure the clearance hole for the electrical cable is large enough to fit the plug through with the protective coating in place.

Always secure the headbox back plate/end caps through the Installation brackets.

STEP 2 - CONT

DRIVE END	IDLE END
SCENARIO 1 - FACE FIT (FF)	
	 60 mm OCTAGONAL TUBE OR  ALL OTHER TUBES
SCENARIO 2 – CEILING FIT ON FACE (CFF)	
	 60 mm OCTAGONAL TUBE OR  ALL OTHER TUBES
SCENARIO 3 – FACE FIT IN REVEAL (FFR)	
	 60 mm OCTAGONAL TUBE OR  ALL OTHER TUBES
SCENARIO 4 – CEILING FIT IN REVEAL (CFR)	
	 60 mm OCTAGONAL TUBE OR  ALL OTHER TUBES

STEP 3

FIG H2

- Check the orientation of the motor/idle plates are correct on the universal brackets (FIG H2).
- Mark a fixing hole on installation surface through respective hole on headbox for the motor side bracket.
- Drill a fixing hole on installation surface through respective hole on headbox based on the fasteners selected for the motor side bracket.
- Secure a fastener in the motor side bracket to hold one side of the headbox.
- Mark a fixing hole on installation surface through respective hole on headbox for the idle side bracket. Ensure headbox is level and straight using a spirit level.
- Drill a fixing hole on installation surface through respective hole on headbox based on fasteners selected for the idle side bracket.
- Secure a fastener in the idle side bracket to hold headbox.
- Scenario 2 (CFF) may need packers between the headbox back plate and installation surface to level the headbox.
- Scenario 3 (FFR) and 4 (CFR) may need packers between the headbox end caps and installation surfaces to centre the headbox in reveal.
- When the headbox is centred and level, mark, drill and secure the remaining fixing points as per steps B - G above.
- Secure the headbox back plate at the additional locations through the headbox as noted in step 2 (Headbox Installation)
- Mark and drill the clearance hole on the installation surface for the motor electrical cable. Take care not to damage the protection around the hole from step 2 (Headbox Installation).

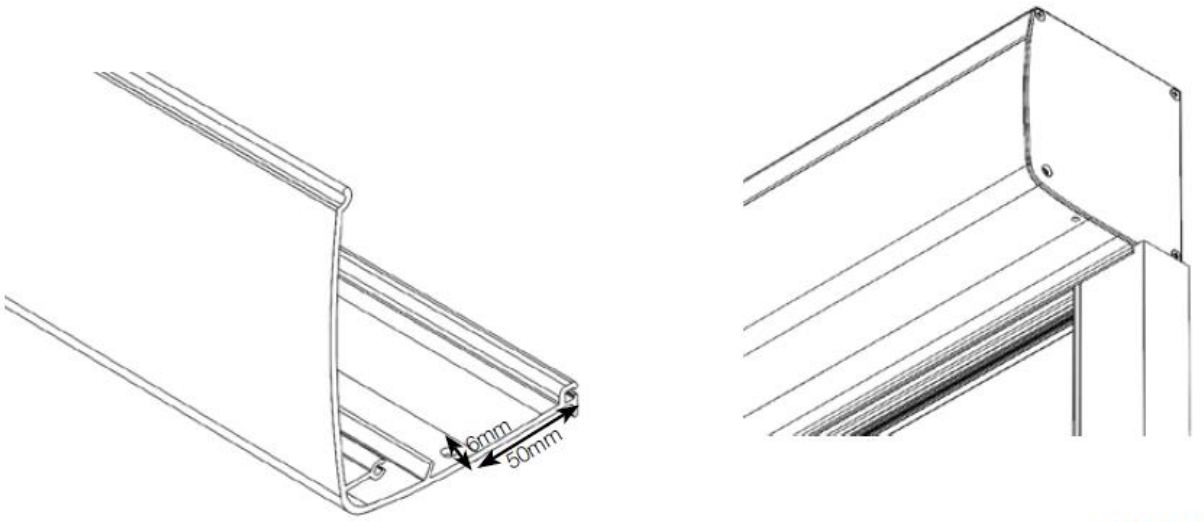


FIG H3

STEP 4

5mm hole is to be drilled in the front cover for reveal applications. Location of the hole is shown in fig H3.

SIDE CHANNEL & BLIND INSTALLATION FLOWCHART

Section 1.0
Are channels to be mounted on face or reveal?

FACE FIT

1. Section 1.1 - Install roller tube, prepare Alpha MagnaTrack channels
2. Section 2.1 - Assemble the bottom bar
3. Section 3.1 - Install Alpha MagnaTrack channels and front cover
4. Section 4 - Donut adjustment and probe securing
5. Section 5 - Assemble headbox (if applicable)

REVEAL FIT

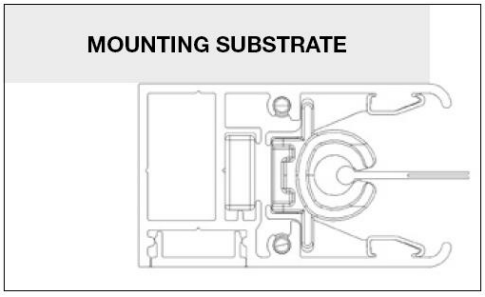
1. Section 1.2 - Is reveal out of square over 20mm?
2. **NO** - Section 1.2.1 - Install channels and front cover
   YES - Section 1.2.2 - Install U-Channels and front cover
3. Section 2.2 - Install roller tube
4. Section 3.2 - Install bottom bar
5. Section 4 - Donut adjustment and probe securing
6. Section 5 - Assemble headbox (if applicable)

SIDE CHANNEL & BLIND INSTALLATION METHOD SELECTION

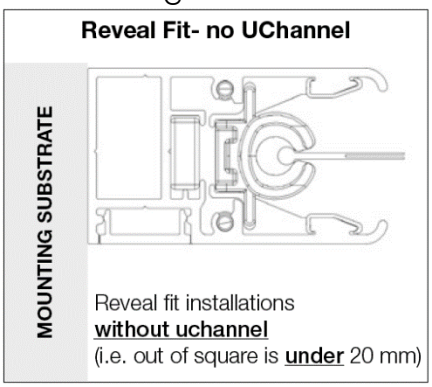
STEP 1

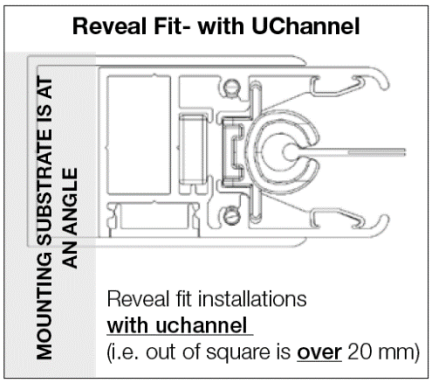
Open the headbox
The blind installation of the side channels varies depending on the fitting application. Refer to the diagrams below to determine the installation method to follow.

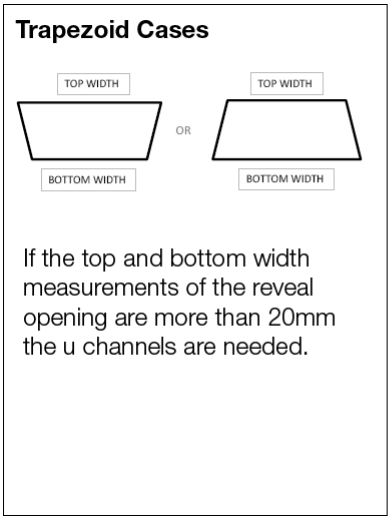
Face Fit - go to Section 1.1

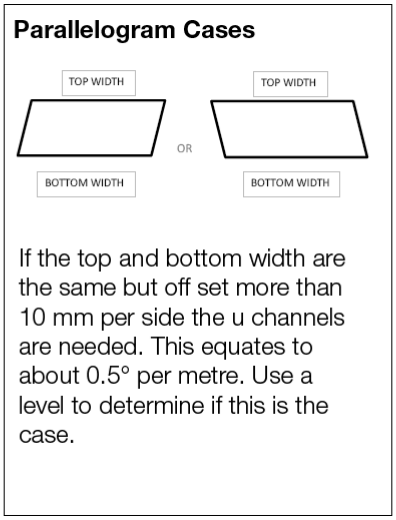


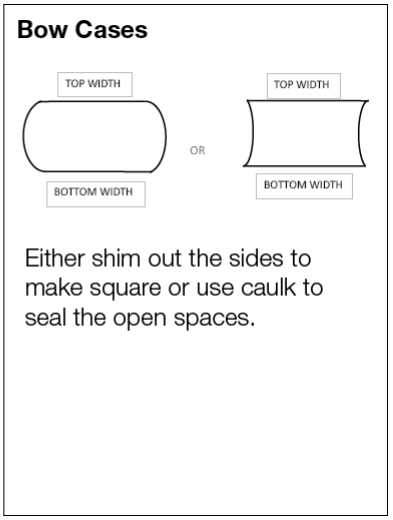
Reveal Fit - go to Section 1.2











STEP 2

Face Fit - go to Section 1.1
Reveal Fit - go To Section 1.2

FACE FIT APPLICATION

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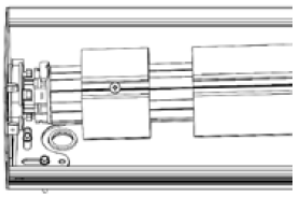
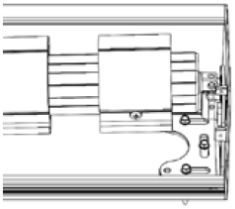
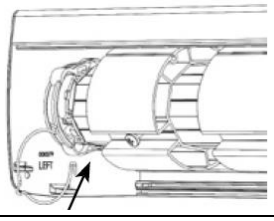
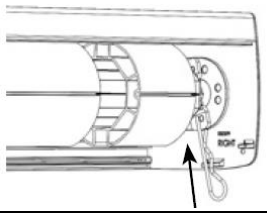
SECTION 1.1: FACE FIT - INSTALLATION OF ROLLER TUBE WITH FABRIC

STEP 1

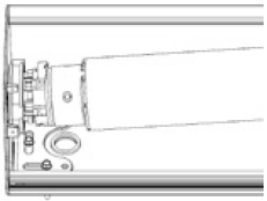
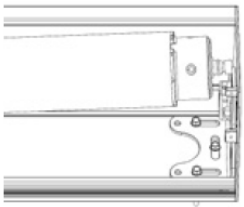
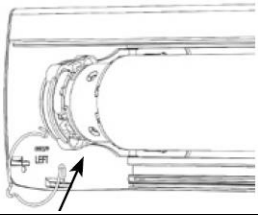
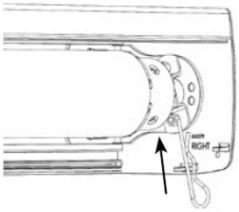
Install the roller tube on the universal brackets.

- Drill any additional holes before putting up tube assembly. e.g. electrical cable outlets.
- While installing the drive end of the tube be sure to align the electrical cables with the holes and don't pinch the cables between the motor head and the bracket

Scenario 1:
60mm octagonal tube installation (with 102mm main tube, skin is not shown)

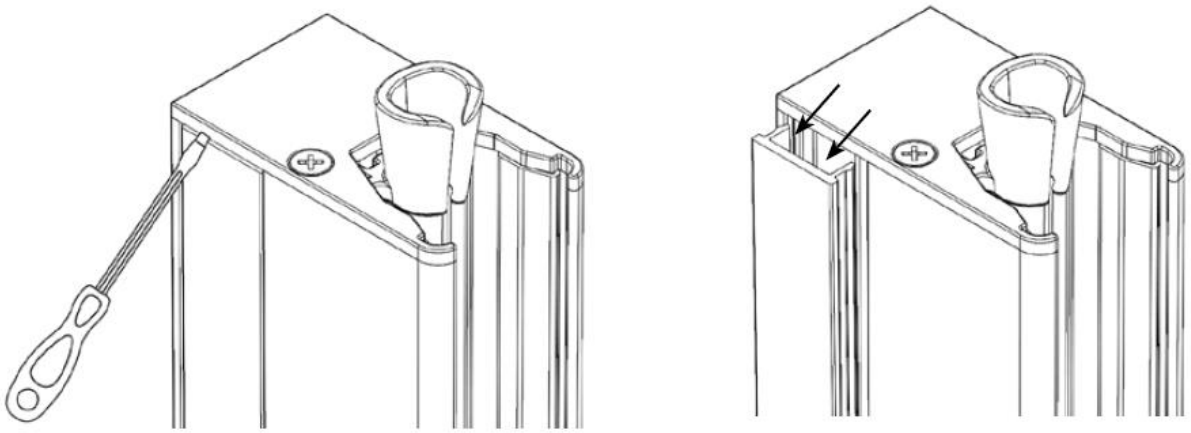
INSERT DRIVE END INTO UNIVERSAL BRACKET FIRST	INSERT IDLE END INTO UNIVERSAL BRACKET SECOND
	
THEN INSTALL THE RESPECTIVE RETAINMENT PINS/CLIPS	
	

Scenario 2:
78mm tube installation (skin and bottom rail is not shown)

INSERT DRIVE END INTO UNIVERSAL BRACKET FIRST	INSERT IDLE END INTO UNIVERSAL BRACKET SECOND
	
THEN INSTALL THE RESPECTIVE RETAINMENT PINS/CLIPS	
	

STEP 2

Prepare Alpha MagnaTrack channels.



Remove front cover by inserting a flat head screwdriver under the end cap and lifting out. Then gradually work along the length of the extrusion. Forcing off the front cover.

- Select fasteners based on what substrate channels are being attached to.
- Depending on the fasteners chosen, this dictates the horizontal position of the holes (See FIG J1).
- Mark and drill the clearance holes for the fasteners as required from the diagrams below.

HORIZONTAL POSITION OF FASTENERS

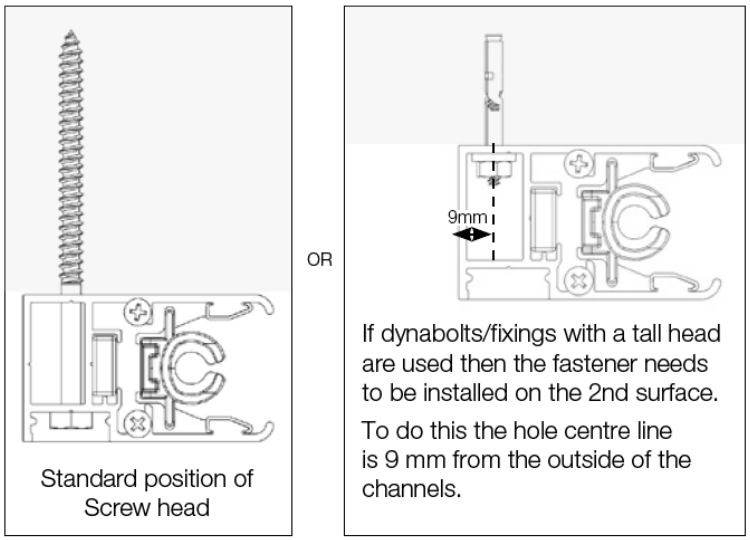
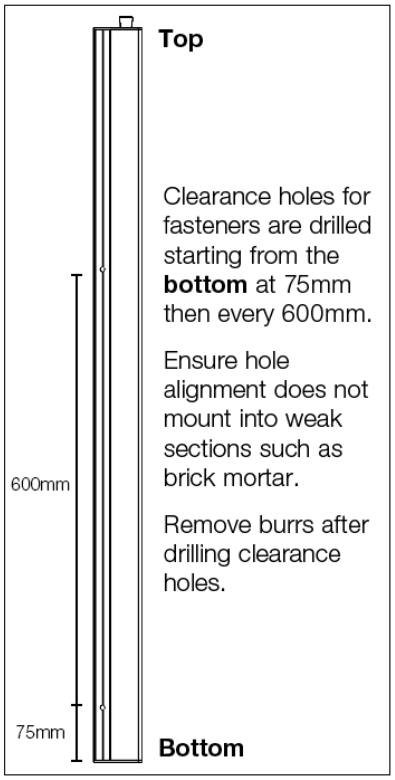


FIG J1

VERTICAL POSITION OF FASTENERS



NOTES:

- Wood screws to have at least 65mm embedment.
- Masonry screws to have at least 40 mm embedment.
- If side channels need to be trimmed, perform this at the bottom end of the channel.

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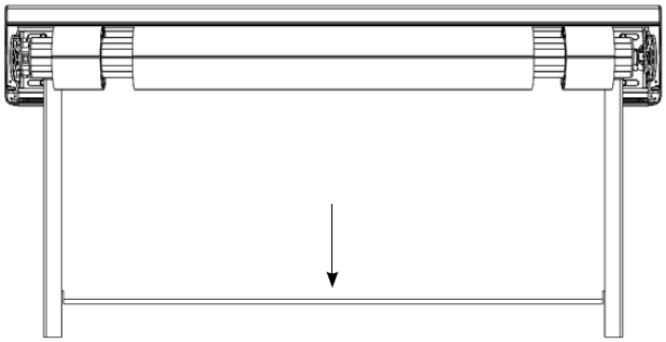
SECTION 2.1: FACE FIT - ASSEMBLE BOTTOM BAR

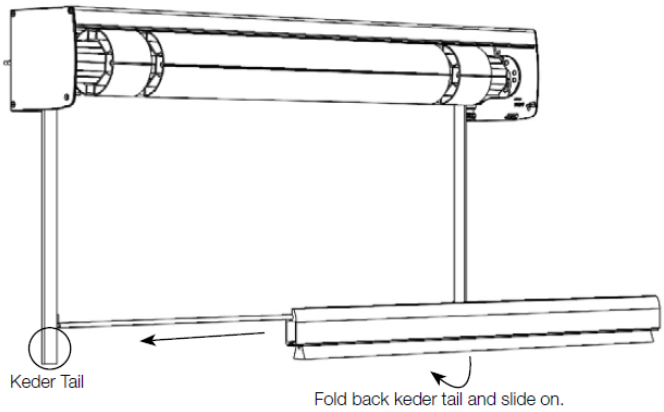
STEP 1

Connect motor to power and lower the skin to waist height from ground.



STEP 2

Feed bottom rail onto skin.



- Use silicon spray to lubricate the bottom rail and bottom of fabric groove to reduce friction.
- Slide the bottom rail onto the fabric.
- The keder tail is folded up so it is out of the way during this process.
- Stop at the spline.

NOTE: THE BOTTOM RAIL IS HEAVY. BOTTOM RAIL MUST BE SUPPORTED WHILE FEEDING BOTTOM RAIL TO ENSURE NO DAMAGE TO THE FABRIC SKIN.

STEP 3

Fasten probes onto the keder.

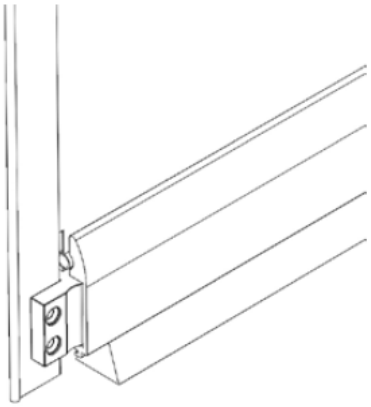


FIG B1

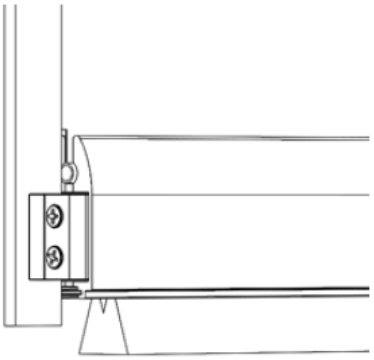


FIG B2

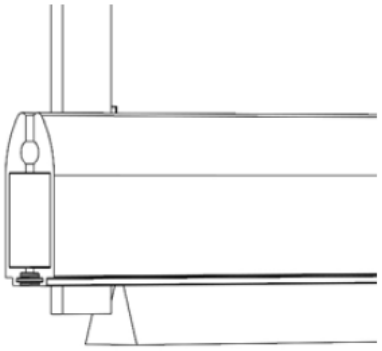


FIG B3

- Start on Idle side.
- Remove the screws from the probe.
- Fold the keder out of the way.
- Insert the probe into the bottom rail.
- Release the keder and slide the probe out of the bottom rail while guiding the keder flaps into the slot.
- Ensure the flap of the keder is fully inside the slot on the probe before securing (fig B1).
- Fasten the probe screws into the keder flaps (fig B2).
- Slide the bottom rail over the probe and screws 12-22 mm so the probe can be installed on the other side, then repeat the process (fig B3).
  Note the brush will also slide in the bottom rail.
- Slide bottom rail back to the middle position once both probes are located inside the bottom rail and secured to the keder.

SECTION 3.1: FACE FIT - INSTALLATION OF ALPHA MAGNATRACK

STEP 1

Feed the channels with the screen guide inside onto the skin.

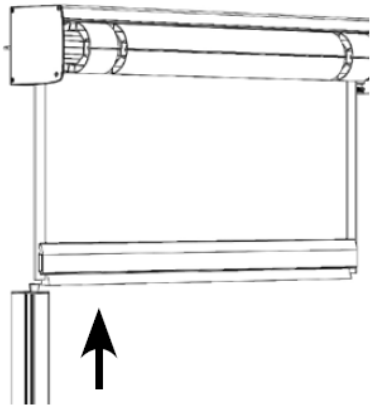


FIG F1

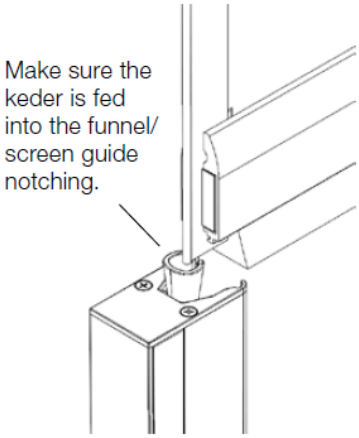


FIG F2

Position with headbox

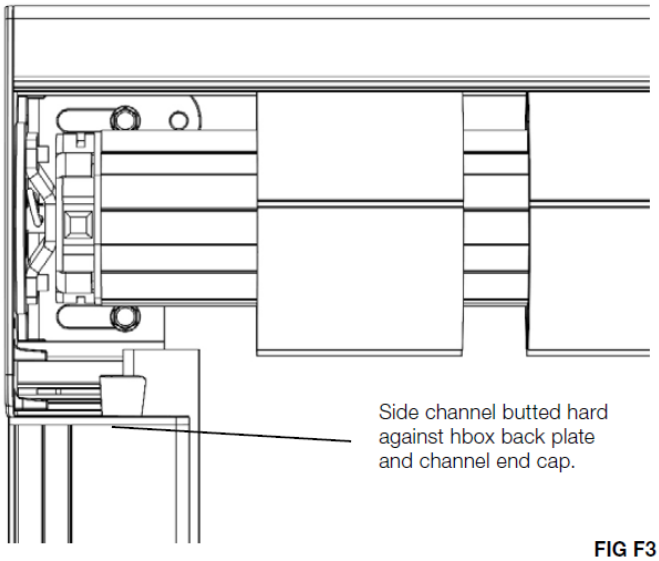


FIG F3

- Pull skin out from the wall (fig F1)
- Feed the keder into the funnel/screen guide notch (fig F2)
- Slide the channel up to butt up to the headbox (fig F3). For scenarios with no headbox refer to fig F4, F5 & F6.

This is extremely important for correct operation. If the side channel is mounted too low the bottom rail will come out and the skin will no longer be retained.

Position with no headbox (brackets on face)

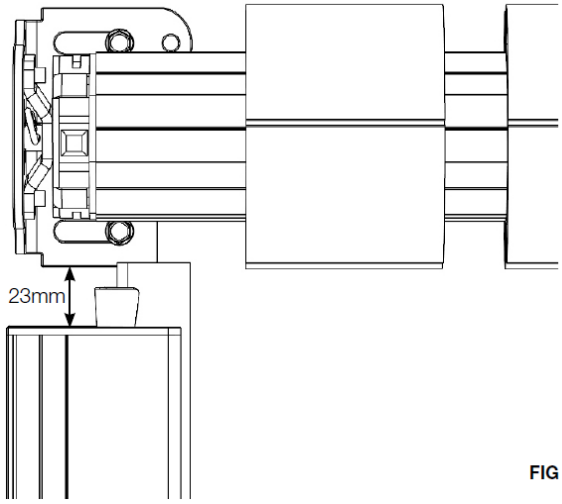


FIG F4

Position with no headbox (brackets on ceiling)

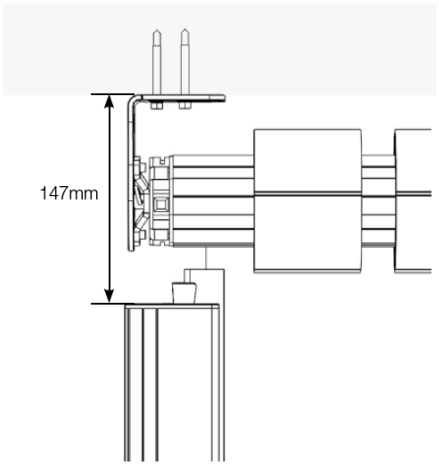


FIG F5 FRONT VIEW

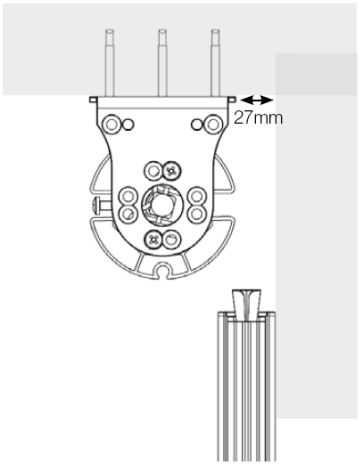
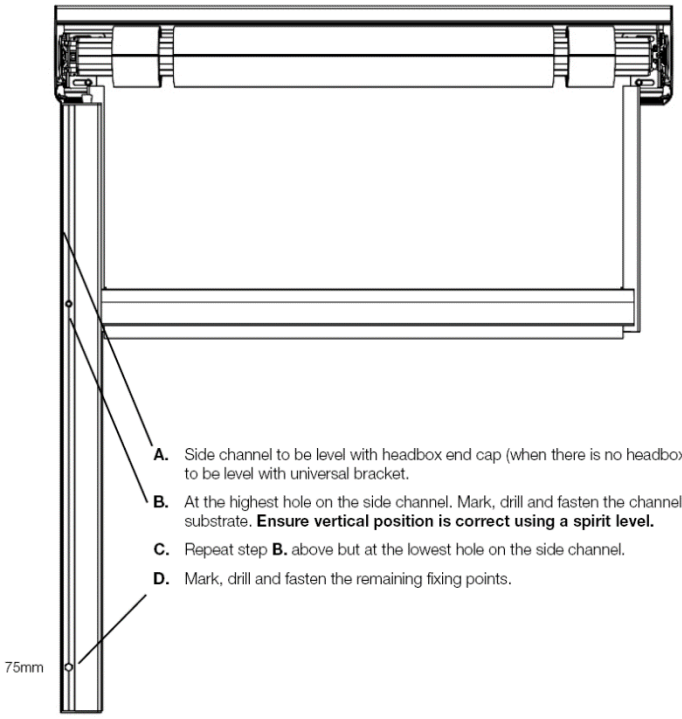


FIG F6 SIDE VIEW

STEP 2

Align and secure the side channels.

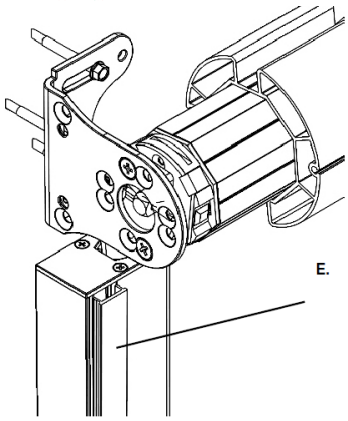


A. Side channel to be level with headbox end cap (when there is no headbox, channel is to be level with universal bracket.

B. At the highest hole on the side channel. Mark, drill and fasten the channel to the substrate. **Ensure vertical position is correct using a spirit level.**

C. Repeat step **B.** above but at the lowest hole on the side channel.

D. Mark, drill and fasten the remaining fixing points.



E. Push the side channel front cover on. Note that a rubber mallet may be used or the legs on the front cover may be crimped due to manufacturing tolerances.

STEP 3

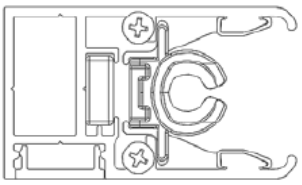
Repeat steps Section (3.1) 1-2 for the other side.

REVEAL FIT INSTALLATION

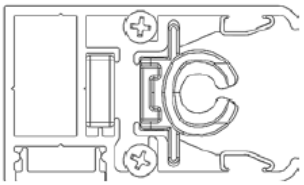
SECTION 1.2: REVEAL FIT PREPARATION

STEP 1

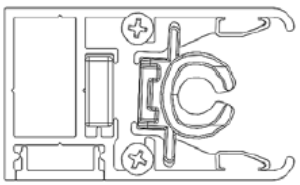
Remove screen guide as per below schematic.



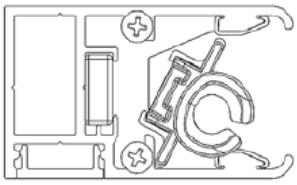
A. Start position



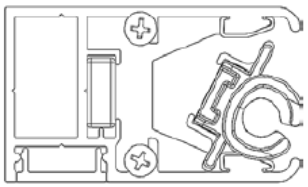
B. Move screen guide forward 2 mm.



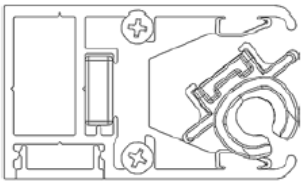
C. Start to pivot. Always pivot from the front face.



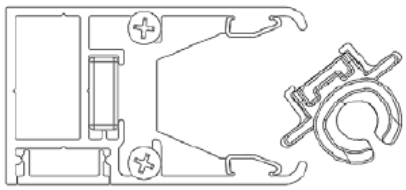
D. Pivot until screen guide stops.



E. Move screen guide forward until screen guide hits bumper.



F. Rotate the screen guide so one side is released.



G. Move the screen guide out of the channels.

STEP 2

Go to section 1.2.1 for reveal fit

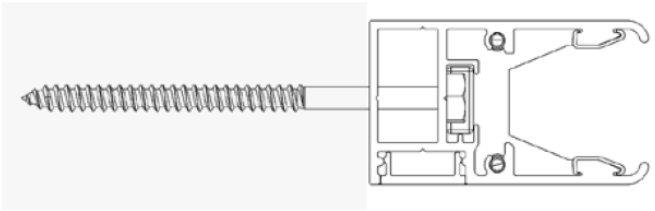
SECTION 1.2.1: REVEAL FIT - INSTALLATION OF ALPHA MAGNATRACK

STEP 1

Prepare the Alpha MagnaTrack Channels

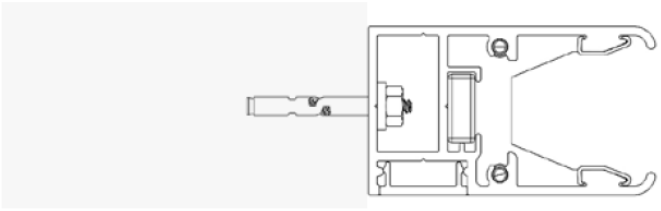
- Select fasteners based on what substrate channels are being attached to.
- Depending on the fasteners chosen, this dictates the horizontal position of the holes.
- Mark and drill the clearance holes for the fasteners as required from the diagrams below.

HORIZONTAL POSITION OF FASTENERS



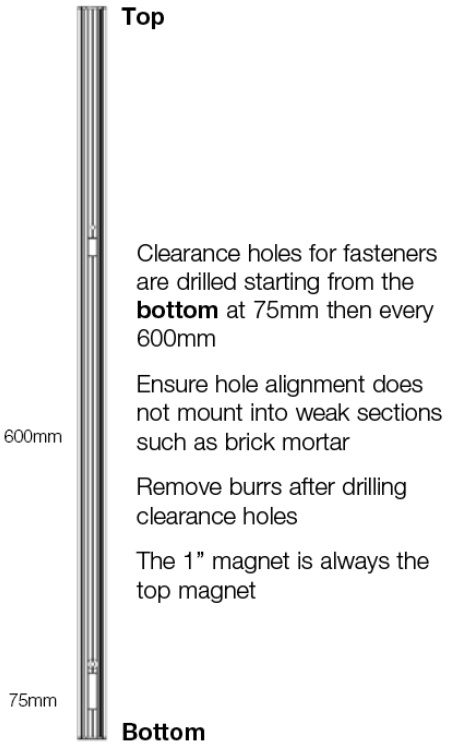
Standard position of screw head

or



If dynabolts need to be used, install on the 2nd surface

VERTICAL POSITION OF FASTENERS



Clearance holes for fasteners are drilled starting from the **bottom** at 75mm then every 600mm

Ensure hole alignment does not mount into weak sections such as brick mortar

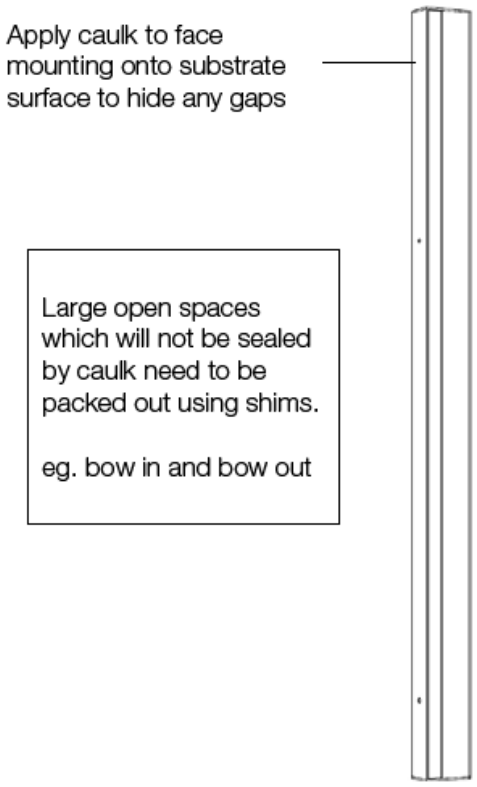
Remove burrs after drilling clearance holes

The 1" magnet is always the top magnet

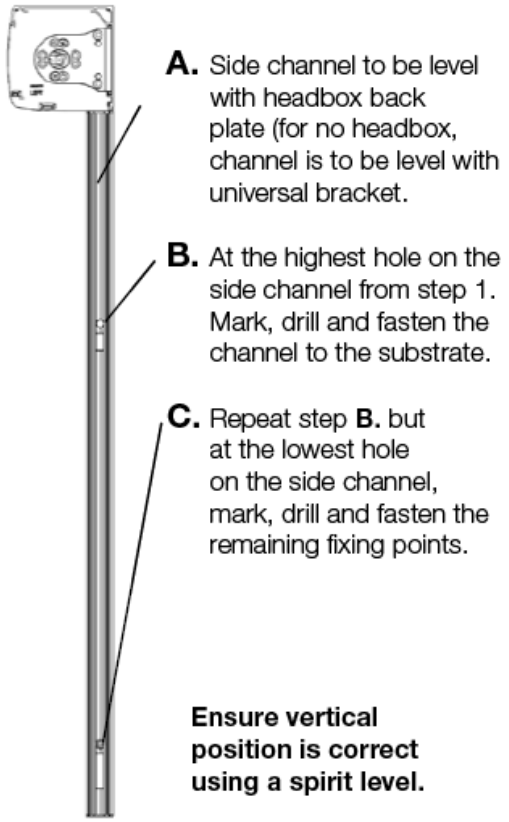
STEP 2

Install Alpha MagnaTrack Channels.

Apply caulk to seal open spaces.



Position and fix channels into position.



STEP 3

Repeat steps 1 and 2 for other side.

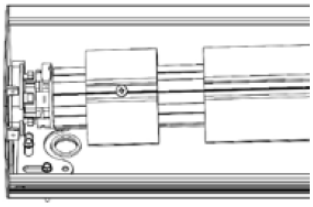
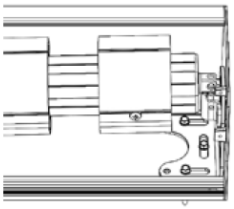
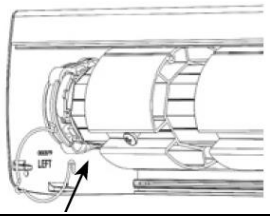
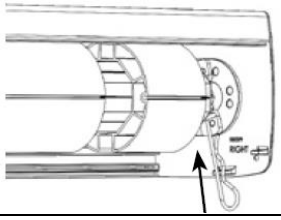
SECTION 2.2: REVEAL FIT - INSTALLATION OF ROLLER TUBE

STEP 1

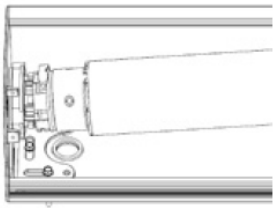
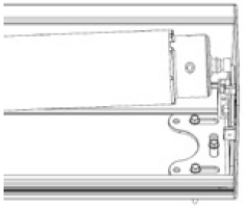
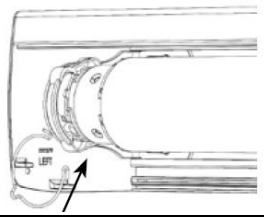
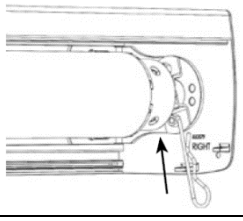
Install the roller tube on the universal brackets.

- Drill any additional holes before putting up tube assembly. e.g. electrical cable outlets.
- While installing the drive end of the tube be sure to align the electrical cables with the holes and don't pinch the cables between the motor head and the bracket.

Scenario 1:
60mm octagonal tube installation (with 102mm main tube, skin is not shown)

INSERT DRIVE END INTO UNIVERSAL BRACKET FIRST	INSERT IDLE END INTO UNIVERSAL BRACKET SECOND
	
THEN INSTALL THE RESPECTIVE RETAINMENT PINS/CLIPS	
	

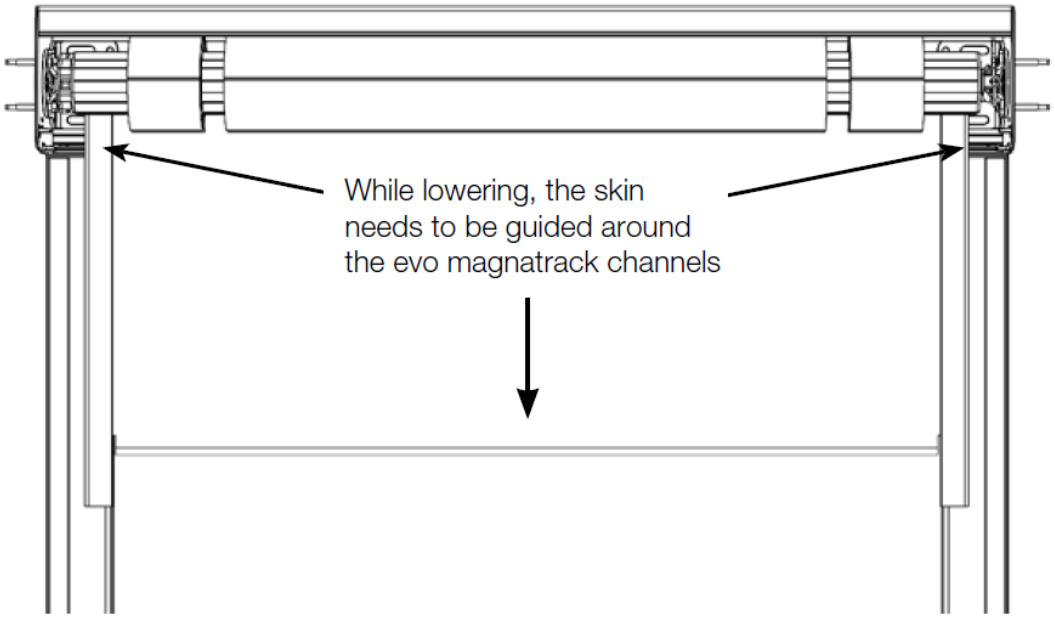
Scenario 2:
78mm tube installation (skin and bottom rail is hidden)

INSERT DRIVE END INTO UNIVERSAL BRACKET FIRST	INSERT IDLE END INTO UNIVERSAL BRACKET SECOND
	
THEN INSTALL THE RESPECTIVE RETAINMENT PINS/CLIPS	
	

SECTION 3.2: REVEAL FIT - INSTALLATION OF BOTTOM RAIL AND SCREEN GUIDES

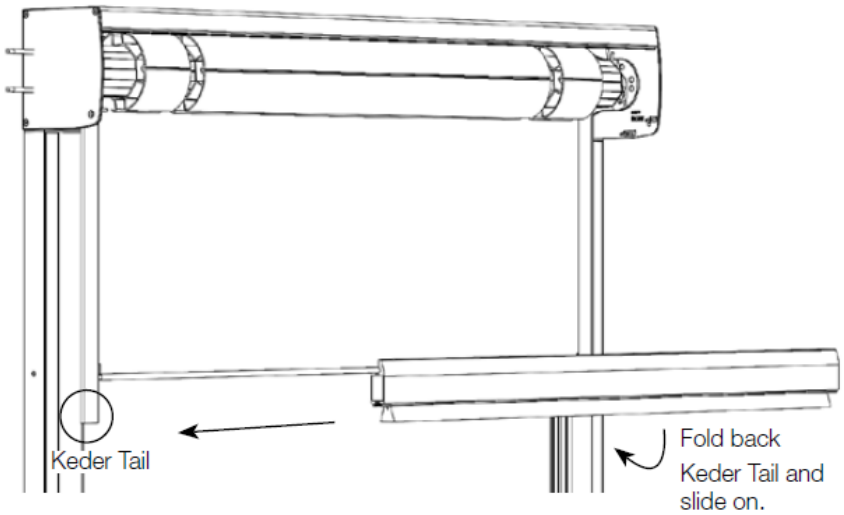
STEP 1

Connect motor to power and lower the skin to waist height from ground.



STEP 2

Feed bottom rail onto skin



- Use silicon spray to lubricate the bottom rail and bottom of fabric groove to reduce friction.
- Slide the bottom rail onto the fabric.
- The keder tail is folded up so it is out of the way during this process. Stop at the spline.

NOTE: THE BOTTOM RAIL IS HEAVY. BOTTOM RAIL MUST BE SUPPORTED WHILE FEEDING BOTTOM RAIL TO ENSURE NO DAMAGE TO THE FABRIC SKIN.

STEP 3

Fasten probes onto the keder.

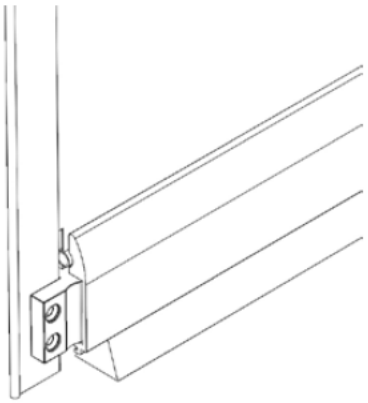


FIG B1

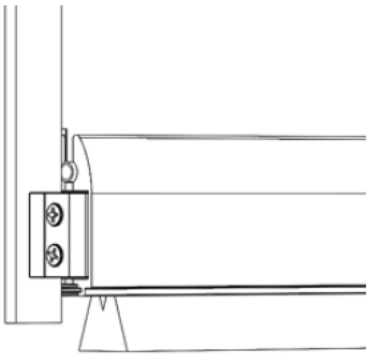


FIG B2

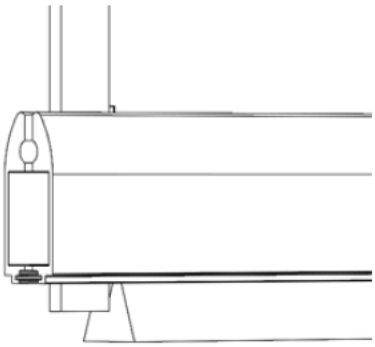


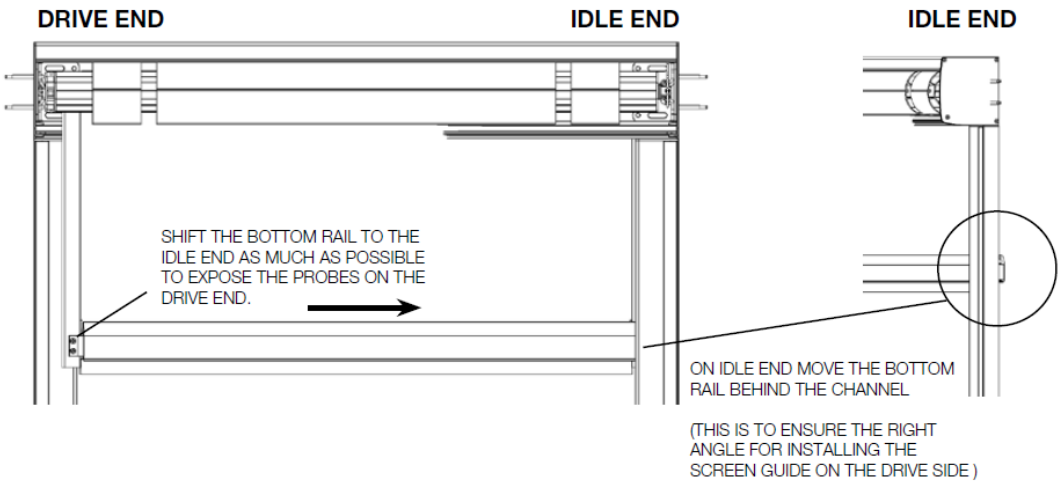
FIG B3

- Start on Idle side.
- Remove the screws from the probe.
- Fold the keder out of the way.
- Insert the probe into the bottom rail.
- Release the keder and slide the probe out of the bottom rail while guiding the keder flaps into the slot.
- Ensure the flap of the keder is fully inside the slot on the probe before securing (fig B1).
- Fasten the probe screws into the keder flaps (fig B2).
- Slide the bottom rail over the probe and screws 12-22 mm so the probe can be installed on the other side, then repeat the process (fig B3).
  Note the brush will also slide in the bottom rail.
- Slide bottom rail back to the middle position once both probes are located inside the bottom rail and secured to the keder.

STEP 4

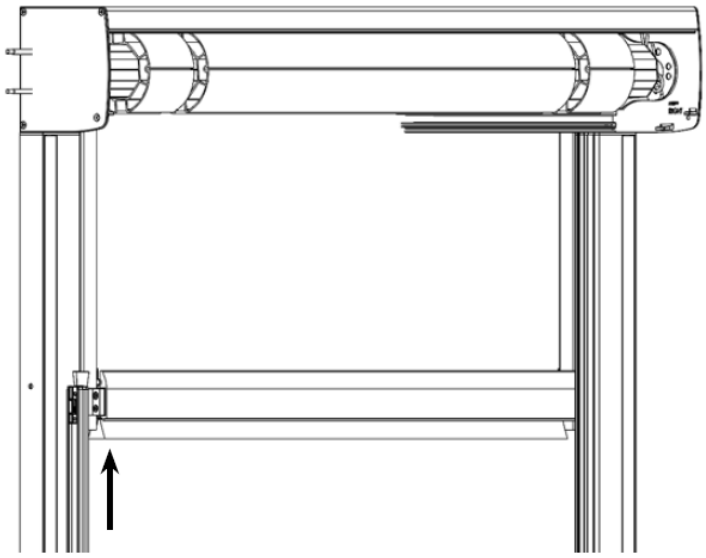
Installation of the screen guides.

A. Position the bottom rail.

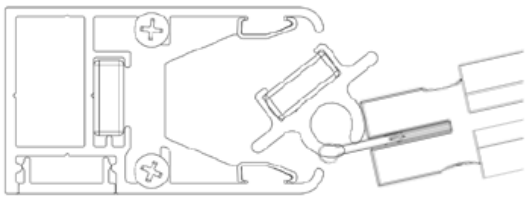


THE SCREEN GUIDE ON THE DRIVE END MUST ALWAYS BE INSTALLED FIRST

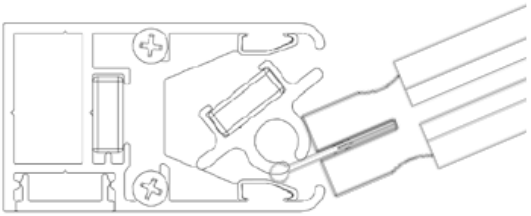
B. Feed screen guide onto drive end keder.



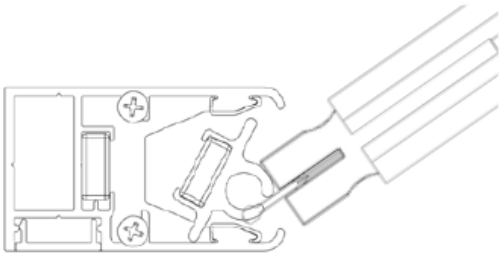
Fitting the screen guide on the drive end (top view with funnel and end caps hidden)



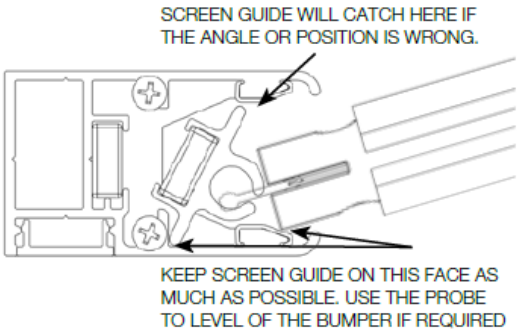
A. Move the screen guide into the channel. Always put the front in first.



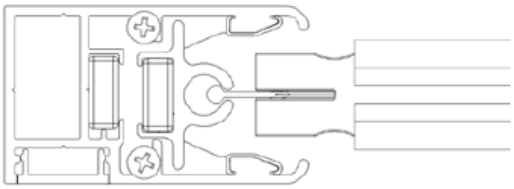
B. Screen guide in channel just before it starts to pivot.



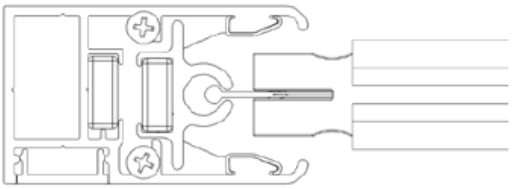
C. Screen guide in channel after pivoting.



D. Screen guide pulled back on front side, rear side pivoting.

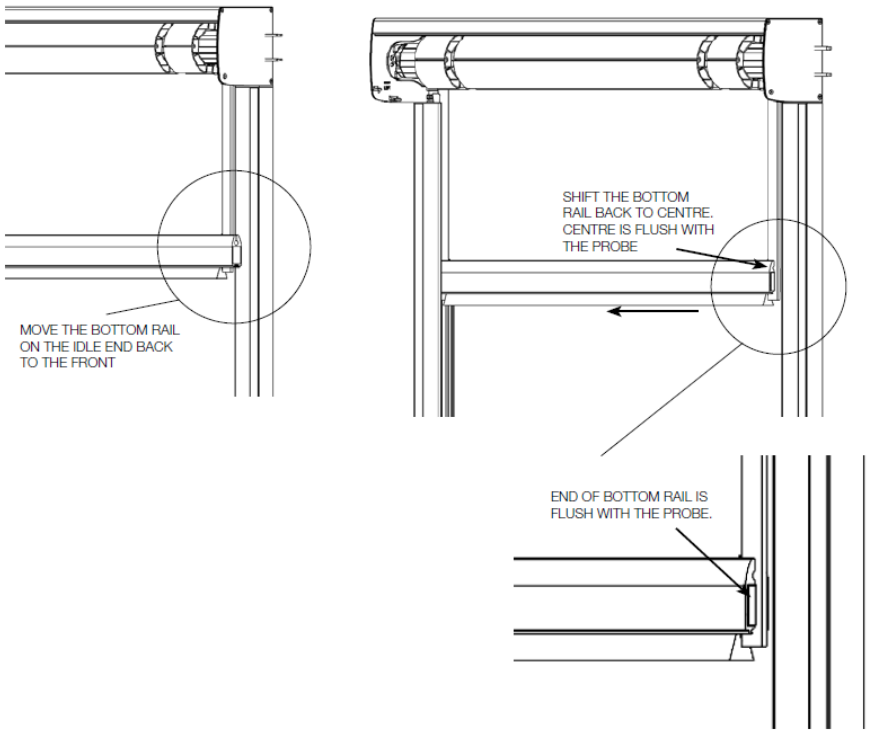


E. Screen guide rear side has finished pivoting and starting to move back.

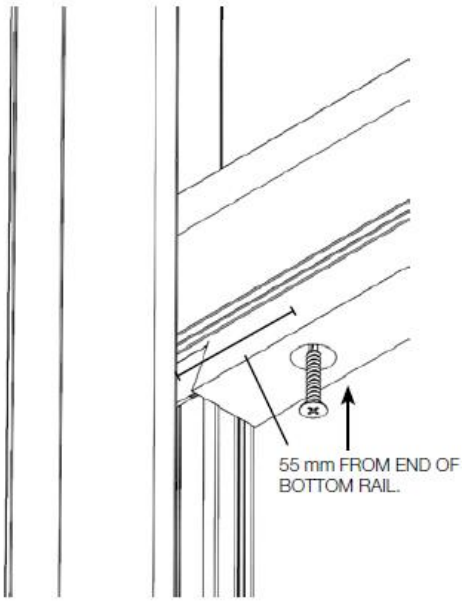


F. Screen guide final position.

C. Reposition the bottom rail. Reposition the bottom rail.

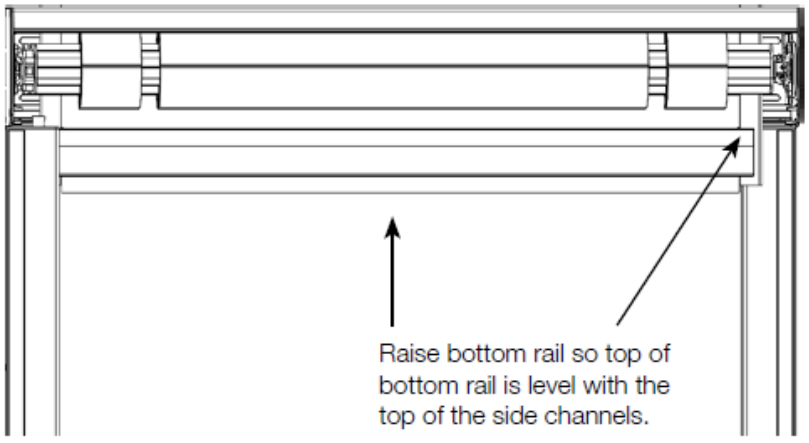


D. Secure the probes, this will prevent bottom rail from rubbing on the screen guide.

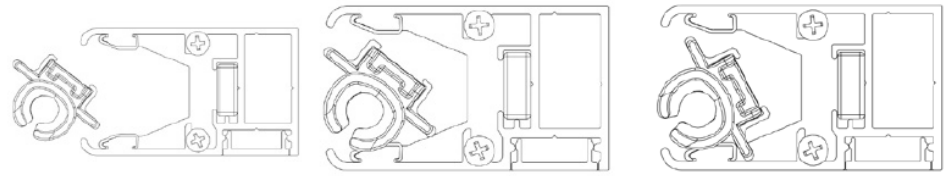


- Using the longer screws from the "probe bag" secure the idle end probe flush with bottom rail by fastening the screw through the bottom rail brush from under the bottom rail. Secure 55mm from end of bottom rail.
- Do not secure the probes under 55 mm from each end of the bottom rail as the screw will slip because it will catch the slot for the keder.
- If the screw needs to be refastened, go to 65 mm from end of bottom rail.

E. Feeding idle side into screen guide



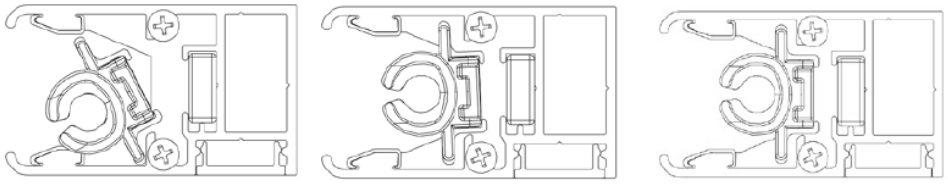
F. Fitting the screen guide on the idle side (top view with funnel and end caps hidden)



A. Move the screen guide into the channel.

B. Rotate the screen guide so front face is engaged.

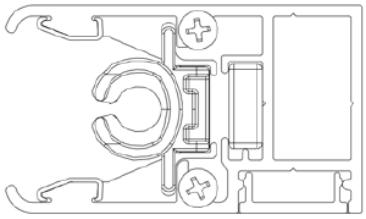
C. Front face of screen guide engaged.



D. Front face of screen guide pulled back. Back face of screen guide rotating into channel.

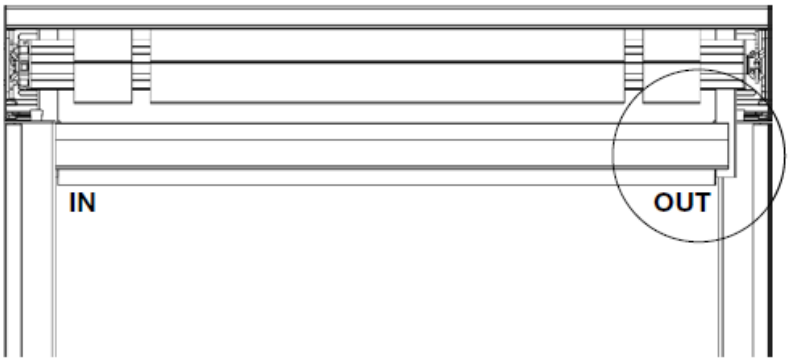
E. Back face of screen guide pivoting inside channel to be flush.

F. Screen guide moving back in channel.



G. Screen guide at home position in channel.

G. Fitting the idle end keder into the screen guide.



The blind should look like this with the motor end in the screen guide and the idle end not inside the screen guide and funnel.

H. Remove tube from idle end.

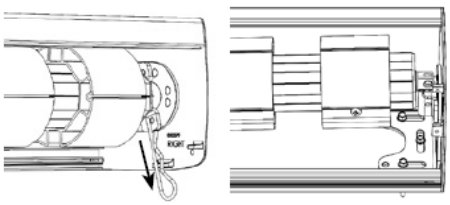


FIG R1 Idle end removal 4" tube

OR

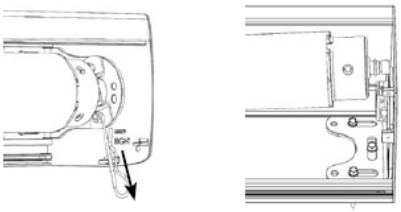


FIG R2 Idle end removal 78mm tube

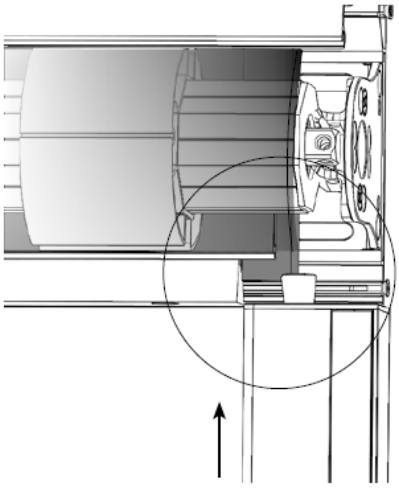


FIG R3 lift bottom rail inside channel and feed keder into funnel.

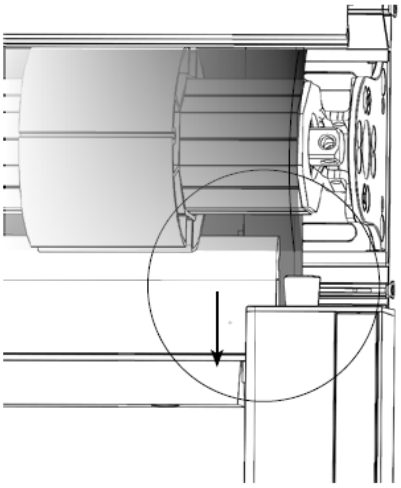


FIG R4 lower the bottom rail past headbox.

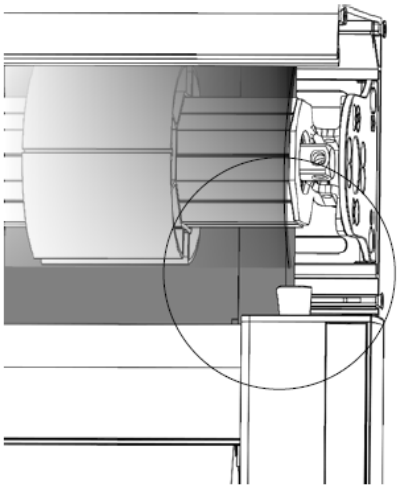


FIG R5 Idle end and retainment pins can be reassembled once the bottom rail passes the top end cap. (Hbox end cap hidden)

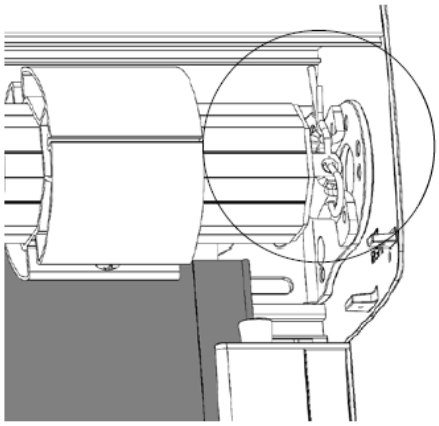


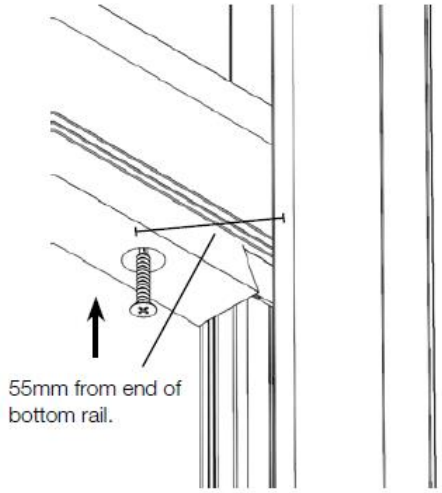
FIG R6 Idle end keder, assembly and retainment pin installed.

The filling of the fabric on the idle end requires the tube to be lifted out of the bracket to provide room for the bottom rail to be fed into the funnel from the top.

NOTE: This can be very heavy, it is recommended one fitter holds the weight of the blind while the other fitter feeds the bottom rail into the screen guide.

1. Remove the retainment pin on the idle end (fig R1 and R2)
2. Lift the idle end out of the bracket (fig R3)
3. Manually lift the bottom rail and feed the keder into the funnel (fig R3)
4. Lower the bottom rail into the Alpha MagnaTrack Channel (fig R4 & R5)
5. Replace the idle end in the bracket with the retainment pin (fig R6)

I. Secure the probes so bottom rail won't rub on the screen guide.



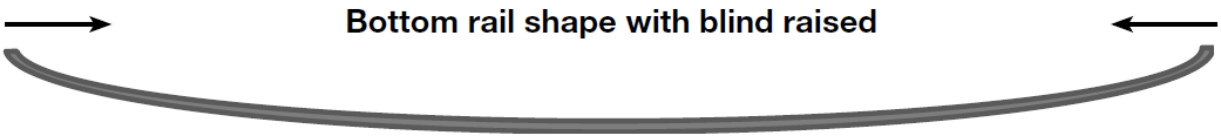
- Using the longer screws from the "probe bag" secure the motor end probe after running the blind up and down a few times. Ensure probe or bottom rail is not rubbing on screen guide. Secure 55mm from end of bottom rail.
- Do not secure the probes under 55 mm from each end of the bottom rail as the screw will slip because it will catch the slot for the keder.
- If the screw needs to be refastened, go to 65 mm from end of bottom rail.

SECTION 4.0: DONUT ADJUSTMENT & PROBE SECURING

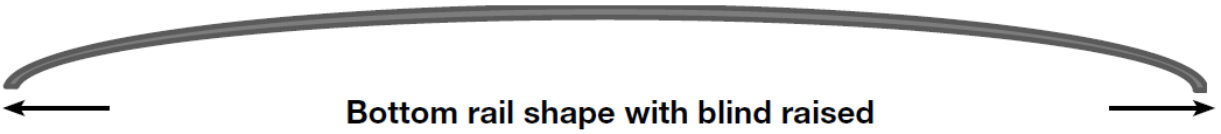
STEP 1

102mm Tube donut adjustment

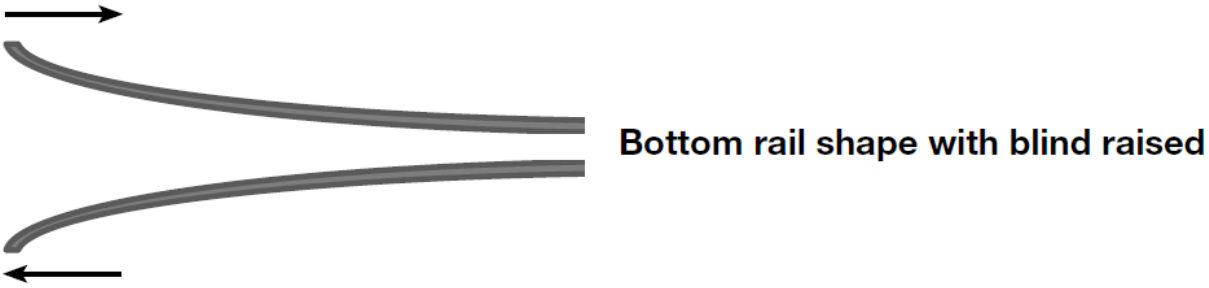
- Set blind limits.
- Lower and raise the blind through full limits.
- Raise the blind to the top limit.
- If bottom rail has a smile, lower the blind to maximum drop and move both donuts towards the tube centre. (3 to 5mm at a time).
- The smile can also be reduced by pulling down on the bottom rail on the side(s) affected when the bottom rail is at the top limit. This allows the fabric/skin to settle.

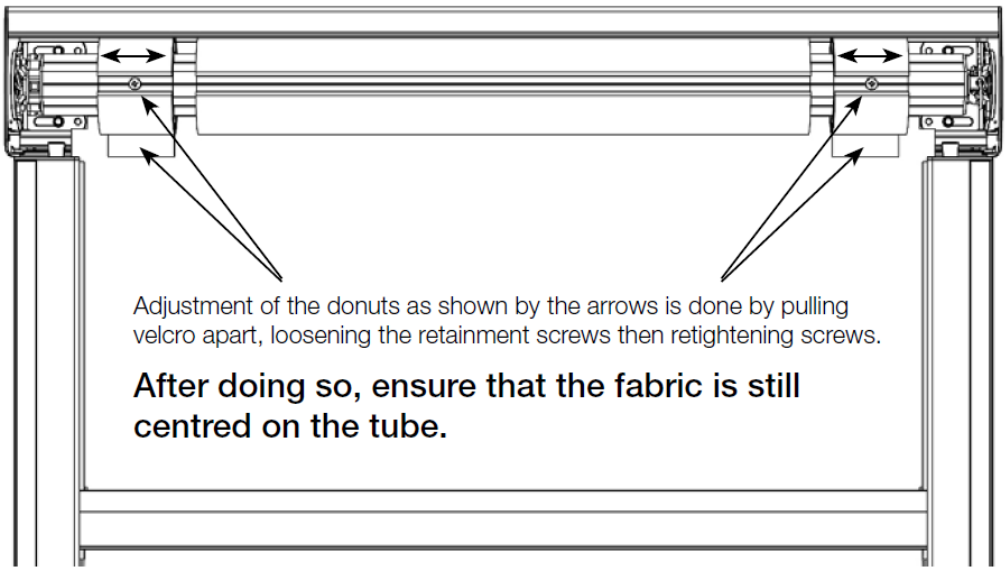


- If bottom rail has a frown, lower the blind to maximum drop and move both donuts away from tube centre. (3 to 5mm at a time).



- If only one side of the bottom rail has a smile/frown, lower the blind to maximum drop and move the donut on that side only. (3 to 5mm at a time).





Weathermaster

STEP 2

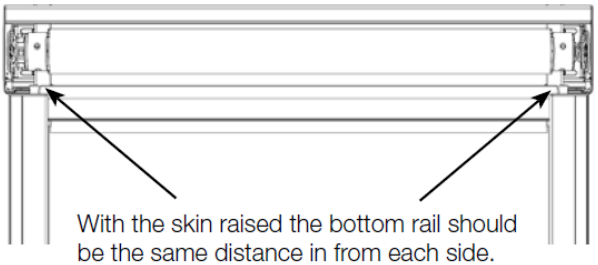
Probe Positioning. Check bottom rail and skin is centred between the screen guides.

Skin centring

If the skin is not centred on the tube lower the blind, pull apart the velcro and shift accordingly, then reattach velcro.

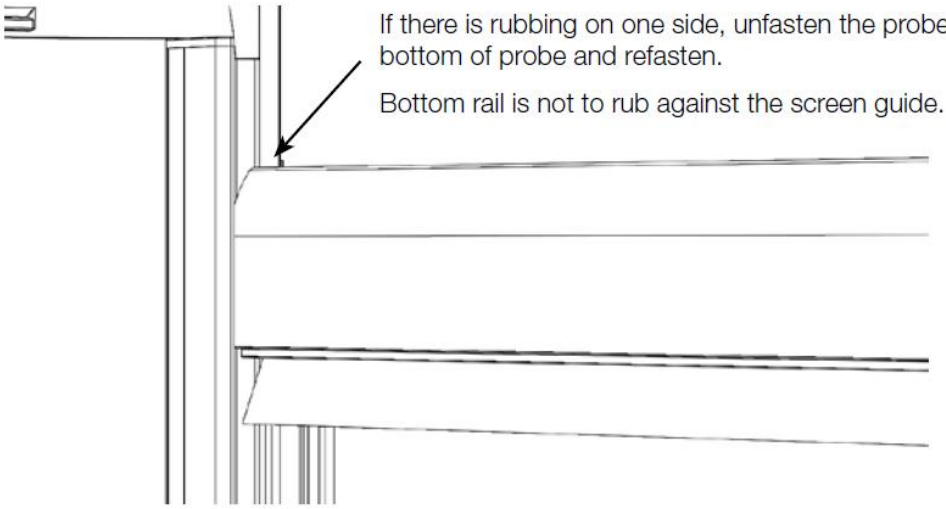
This can be done on any tube size.

Bottom rail centring



With the skin raised the bottom rail should be the same distance in from each side. Move skin if required.

Check bottom rail does not rub on screen guide



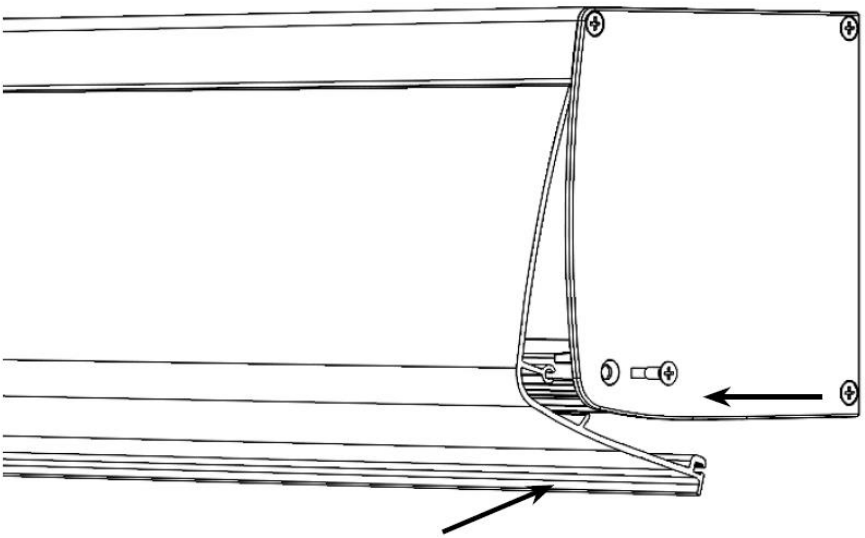
If there is rubbing on one side, unfasten the probes from bottom of probe and refasten.

Bottom rail is not to rub against the screen guide.

SECTION 5.0: REPLACE HEADBOX FRONT COVER

FACE FIT

Replace headbox front cover as per headbox installation step 1 (fig H1).



REVEAL FIT

Replace headbox front cover as per headbox installation step 4 (fig H3).