

Installation & Adjustment Instructions for your Windout Awningpages 2-5

Operating Instructions for your Windout Awning.....Page 6-8

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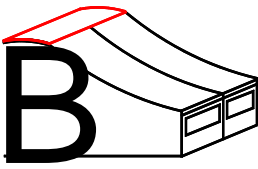
Works address –deliveries / collections – Unit 5B, Flower Farm, Oxted Road, Godstone, Surrey RH9 8DE

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Installation & Adjustment Instructions for your Vehicle Windout Awning

Read these installation & user instructions carefully. Misuse or incorrect installation could result in a malfunction & could invalidate its warranty.

General Remarks

- Installation must be carried out by a professional or competent person
- Ensure the position of the fixing brackets is of substantial material
- Fixation must be carried out on
 - Vehicles using bolts counter plates & nuts provided
- For a watertight installation always use a silicone sealant behind the brackets to seal the holes
- For electrical installation always consult a qualified electrician
- The Awning Cassette ideally should be fitted in a vertical upright position

Tools required: Tape measure, pencil or crayon, power drill, 10mm metal drill bit, 3mm metal drill bit, 5mm hex key, 10mm, 17mm & 19mm open end spanners, medium pozi drive screwdriver, hacksaw, knife, silicone applicator gun, silicone sealant or polyurethane adhesive sealant.

For electrical installation also required – electrical screwdriver & wire stripping pliers.

Installation Instructions

1. Unpack the Awning package & lay it on its front in the open package to prevent scratching the cassette. The awning brackets will come attached to the cassette. These are removed by loosening the hex head grub bolts on the slider & sliding to one side. You will know the positioning of the brackets on the wall as there are pencil markings on the underside of the cassette. It is important to fix the brackets in these positions as the leverage of the spring loaded arms inside the cassette will be at these points.
2. Offer the brackets against the vehicle or wall marking the holes with a pencil ensuring all brackets are in a horizontal line. Space them as above 1 according to the pencil markings under the box. It is not necessary to use more than 4 bolts per end bracket & 2 for the centre. Please note the height of the underside of the brackets from the ground is relevant when the sides & front is supplied. Tip! Double check the height of the side panel sheet.

NOTE: Some installations require roof mounting therefore additional brackets may be required.

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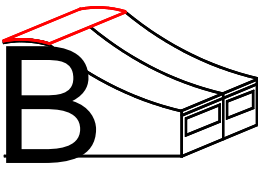
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Barkers Awnings

- 3 Before drilling the holes double check that there are no wires that will be in the way. If there is an obstruction it may be necessary to move the bracket over. Try to minimise this distance in order that the awnings spring arms are still supported. Using your 10mm drill, drill out the holes.
- 4 Apply silicone around the holes & insert the fixings into the holes. Use bolts & counter plates with nuts and washers to fix to your vehicle.
- 5 Mount the awning cassette onto the brackets. It is possible to slide the awning to the right or left if required to get the right position. Slide the sliding blocks along underneath the brackets & tighten the hex head bolts underneath so they have pinched well into the cassette. This will prevent the awning cassette from jumping out of the brackets under strong weather conditions
- 6 Silicone seal the underside of the cassette to the vehicle with the angle piece provided.
- 7 If sides & front panels are supplied you will need to fit the tent rails down the side of the vehicle or building with suitable screws. Insert the winding handle into the awning & wind out approx 3 turns or press the outward button (if motorised) open the awning slightly. Cut the rails to length allowing for a gap from the underside of the cassette to the top of rail of at least 100mm to allow for the sides to be easily slid into the rails later. Install the rails so the opening is 30mm outwards from the awning fabric. This will ensure the panels will fall in the correct place once erected. Insert the end plugs into the rail to act as a smooth opening or file smooth the opening of the rails. Pre drill the rail to take the screws. Apply Sikaflex or polyurethane adhesive sealant to the back of the rails & screw to wall. Slide in the finishing strip to hide the screw heads. Tip (cut slightly long for 24 hours as shrinkage will occur then trim later
- 8 Wind out the awning until the fabric starts to go loose then wind back slightly to add tension. On 3.0m or larger projection awnings it may be necessary to have someone hold the front until the support legs are slid into the front lead rail of the cassette. This is so that there is not unnecessary strain on the vehicle.

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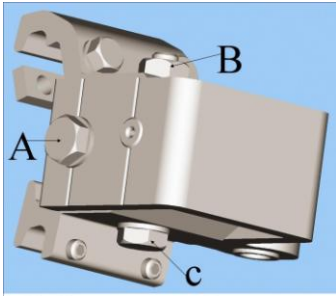
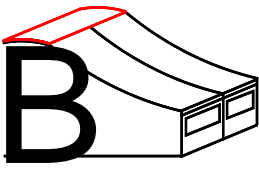
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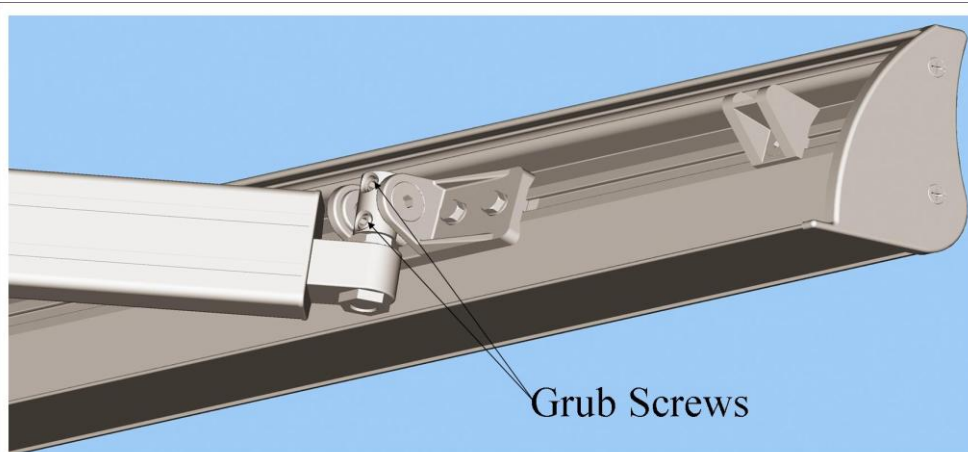


Slacken nuts A + B

Adjust pitch of awning using C. Tighten A+B when required pitch is reached

- 9 At this point it is possible to change the pitch angle of the awning although usually it is set in the factory. To change the pitch angle to raise or lower the arms loosen nuts A & B and rotate the nut C clockwise to raise the arms. Rotate anti-clockwise to lower the pitch adjustment. Tighten nuts A & B when required pitch is reached.

10. Adjusting the angle of the front profile



After the pitch has been lowered it may be necessary to alter the angle of the front profile to ensure that the awning closes all the way in, this is done via the 2 grub screws as shown. Regardless of the pitch of the awning the bottom of the front profile must be parallel with the bottom of the awning.

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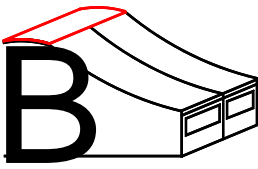
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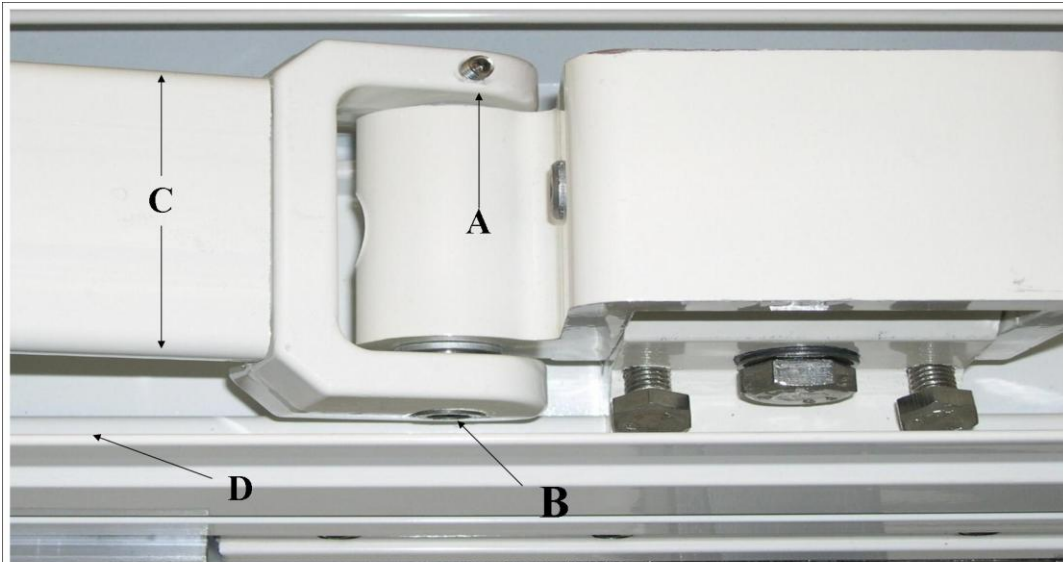
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11. Adjusting the angle of the arms



Slacken grub screw **A** Shaft **B** is a cam so insert an allen key in to the top of the shaft turning the shaft left to right will raise or lower arm **C** . The bottom of arm **C** must be parallel with profile **D** when retracted.

- 12 Installation of brackets for hard standing base frame kit (optional).** There should be two brackets which have to be installed low down on the vehicle body or wall of building. These are to be mounted on the inside of the vertical rails fitted as in note 7. The purpose of these is to bolt onto the ground rails.

For installations with curved roofs or with limited headroom or outward opening obstructions for instance, special adapters are available upon request.

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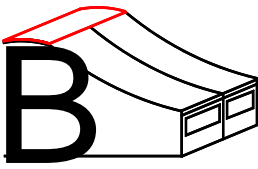
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Operating Instructions for your Vehicle Windout Awning.

General Remarks

- Try to park the vehicle as level as possible.
- Always peg down the awning or use hard standing base frame option.
- Motorised awnings - Never operate with sides & front fitted on
- The awning will not be guaranteed against weather damage.
- Always ensure the awning is fully closed before driving off.
- Allow extra body width whilst driving

Operating Instructions

1. Unpack the sides & front from its carry sack & lay out the panels.
2. Wind out the awning by inserting the crank handle (or if electric switch to out position), when the arms are fully extended wind back in 2 or 3 turns
3. Bolt the support legs onto the lead rail at the front. Adjust height of foot to desired height by selecting the correct pin position.
4. Slide the aluminium side rafters onto the guide inside the cassette. Bolt the bottom of the rafter onto the lead rail of the awning.
5. If supplied, push the centre tensioner into the cassette and push onto the lead rail to hold the tension in the roof and prevent ponding – not supplied in awnings under 4m wide.
6. Wind the awning in tight – if the roof isn't taut it may pond.
7. Trap the edge of the roof under the "P" track and lock it down tight using the black screw down handles.
8. Feed the keder on the top of the gable side walls into the "P" track, unzip the vertical zips & feed the keder on the panels into the legs from the top, then onto the vehicle body. Close the zips.
9. Slide the front panel top keder into the lead rail. unzip the vertical zips & feed the keder on the side of the panels into the legs from the top.



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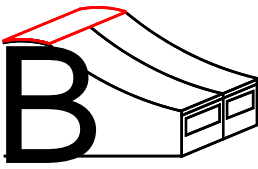
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10. If supplied – feed the underbelly skirt into the track supplied and velcro onto the gables.
11. To assemble the ground rails thread the poles through the pockets in the bottom of the side & front panels. Fit the coach bolt into the eye bolt and push the ground rail onto it, tension up using a wing nut with washer. Adjust up or down for tension.
OR push the ground rails through the pockets and pin onto the feet



12. Peg the awning down using stakes - optional.
- 13. If you have any queries regarding the installation or operation you can call our telephone support line +44 (0) 7798 904076 Monday-Friday 7am to 6pm**

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