



Awning Strap Fitment Instructions



1. Awning Strap Fitment – Tools, Fasteners & Materials

The tables below show the equipment, i.e. tools, fasteners, hardware and consumables required to start and finish the awning strap fitment.

1.1. Tools Required:

<u>TOOL</u>	<u>PURPOSE</u>
<ul style="list-style-type: none">• Drill	Drill mounting holes into provided extrusion and vehicle
<ul style="list-style-type: none">• 4.8mm Drill Bit	Drill mounting holes into rope mould and vehicle
<ul style="list-style-type: none">• Rivet Gun	Fix rivets to mounting parts

1.2. Fasteners required: (Included with awning)

<u>ITEM</u>	<u>QUANTITY</u>
<ul style="list-style-type: none">• 4.8X15 Fender Rivet	1
<ul style="list-style-type: none">• 4.8X10 Normal Rivet	2
<ul style="list-style-type: none">• 4.8X15 Normal Rivet	2

1.3. Hardware Required: (included with awning)

<u>ITEM</u>	<u>PURPOSE</u>
<ul style="list-style-type: none">• <u>38mm Extrusion Aluminium</u>	1
<ul style="list-style-type: none">• <u>38mm Extrusion Aluminium</u> Strap	1
<ul style="list-style-type: none">• Buckle strap	1
<ul style="list-style-type: none">• Black adhesive foam strip	2

1.4. Consumables Required:

<u>ITEM</u>	<u>PURPOSE</u>
<ul style="list-style-type: none">• Turpentine	Cleaning purposes
<ul style="list-style-type: none">• Cloth	Cleaning purposes
<ul style="list-style-type: none">• Black silicone or Sikaflex	Stick <u>38mm Extrusion Alu</u> to vehicle before riveting



Figure 1: **38mm Extrusion Alu**



Figure 2: **38mm Extrusion Alu** Strap



Figure 3: Buckle Strap



Figure 4: Black adhesive foam strip

2. Mounting the 38mm Extrusion Alu to the Vehicle's Rear End

The **38mm Extrusion Alu** will need to be mounted on the rear end of the vehicle and in line with the Rear awning mounting bracket so that the awning opens the full 270°. The location of the **38mm Extrusion Alu** will vary from vehicle to vehicle due to the different widths of vehicles and also the type of vehicle e.g. camper, canopy with a roof rack, canopy with a tent etc.

a) Step 1 – Drilling the mounting holes into the **38mm Extrusion Alu**

Select a suitable location for the **38mm Extrusion Alu** based on your vehicle. Place the **38mm Extrusion Alu** on a surface where it can be drilled and mark off the locations of where the two holes must be drilled. After marking off, drill the holes into 38mm Extrusion Alu. This is done using a hand drill and a 4.8mm drill bit.

You should drill two evenly spaced holes along the length of the **38mm Extrusion Alu**. See Figure 4 below.



Figure 4: 38mm Extrusion Aluminium with holes drilled

b) Step 2 – Drilling the mounting holes into the Vehicle

Place the **38mm Extrusion Alu** on the vehicle in position and drill the mounting holes into the vehicle using the **38mm Extrusion Alu** holes as a guide. This is done using a hand drill and a 4.8mm drill bit.



Figure 5: **38mm Extrusion Alu** with holes drilled into

c) Step 3 – Silicone application: Riveting the rope mould to the vehicle

Before fixing the **38mm Extrusion Alu** to the vehicle, silicone must be applied to the bottom surface of the **38mm Extrusion Alu**. Use black silicone or Sikaflex. Place the rivets in and rivet the **38mm Extrusion Alu** to the rear end of the vehicle.

Note:

- If the **38mm Extrusion Alu** is being attached to a roof rack or tubing, use the 4.8x15 normal rivets.
- If the **38mm Extrusion Alu** is being attached to a sheet metal surface such as a tent then use the 4.8x10 normal rivets



Figure 6: Rivets in **38mm Extrusion Alu**



Figure 7: **38mm Extrusion Alu** riveted in place

3. Fitting the buckle strap to the awning arm

The buckle strap needs to be fitted to the last awning arm in line with the 38mm Extrusion Aluminium. A hole will need to be drilled to rivet the buckle strap to the awning arm.

- a) Trim the buckle strap rope as needed (it is supplied with a long rope)
- b) Open the awning and mark off the hole location on the awning where the hole will be drilled. Ensure this is in line with the **38mm Extrusion Alu**. Figure 8 shows a trimmed buckle strap which is in line with the **38mm Extrusion Alu**.

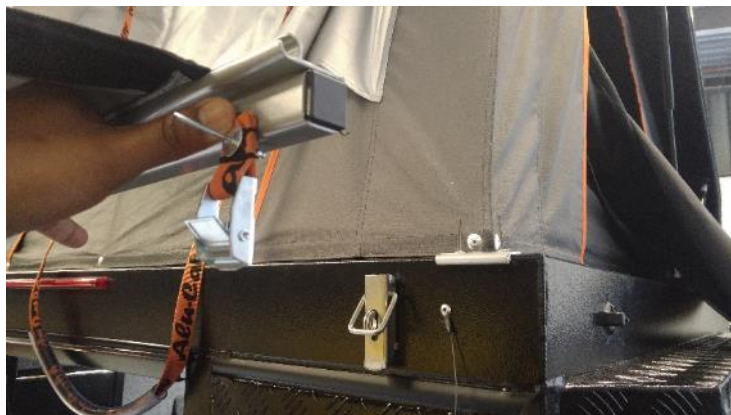


Figure 8: Trimmed Buckle strap in line with **38mm Extrusion Alu**

- c) After marking off, drill the hole into last awning arm using a hand drill and a 4.8mm drill bit.



Figure 9: Drilling the hole into the last

- d) Drill a hole into the buckle strap using the hand drill and 4.8mm drill bit as shown below in figure 10.



Figure 10: Drilling the hole into the buckle

- e) Using the 4.8x15 Fender rivet and rivet gun, rivet the buckle strap onto the awning arm as shown below.



Figure 11: Buckle strap riveted onto awning arm

- f) Pull the **38mm Extrusion Alu** strap through the buckle to tighten the awning as shown in the pictures below.



Figure 12: **38mm Extrusion Alu** strap into buckle



Figure 13: Tightening of strap



Figure 14: Awning tightened to rear of vehicle

- g) Use a cloth and turpentine to clean up any excess silicone

4. Sticking black adhesive foam strips to awning arms

There are two black adhesive foams strips provided with the awning. Peel the white plastic off and stick these foam strips to the bottom of the awning arms to prevent the side and rear doors of a canopy, camper or any other vehicle from fouling the awning arms.



Figure 15: Black Adhesive foam strip attached