

# FITMENT INSTRUCTIONS

**Alu-Cab™**



## Awning Strap

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Review all instructions information carefully before installation.

Any damages, direct or incidental to the installer and/or property due to incorrect installation of any parts are the responsibility of the installer. Due to the various applications and fitment options available, the responsibility lies with the user to ensure all mounting points are secure and tight before every trip. If unsure, consult with your Distributor regarding the operations of our products.

Users are advised to be mindful of the load they are carrying and drive in accordance with road conditions.

DISCLAIMER

**Alu-Cab**

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

### 1.2. Fasteners required: (Included with awning)

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

### 1.3. Hardware Required: (included with awning)

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

#### 1.4. Consumables Required:

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



Figure 1: 38mm Extrusion Alu



Figure 2: C-Clamp Extrusion Strap



Figure 3: Buckle Strap



Figure 4: Black adhesive foam strip



#### **WARNING**

Always wear appropriate PPE ( Personal protection equipment) when fitting this product. Although the mounting kit is designed to be DIY, if you have any doubts or concerns, contact an accredited fitment centre to carry out the work. Alu-Cab will not be liable for any injury to persons, and/or damage to products and/or vehicles.

## **2. Mounting the C-Clamp Extrusion to the Vehicle's Rear End**

### **a) Step 1 – Drilling the mounting holes into the C-Clamp Extrusion**

Select a suitable location for the C-Clamp aluminium extrusion based on your vehicle. Place the C-Clamp aluminium extrusion 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 C-Clamp aluminium extrusion. 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 C-Clamp aluminium extrusion. See Figure 5.

#### **Additional Note:**

It is important to note that this extrusion can be located in many various locations.

The images show the extrusion mounted on the top side of a Gen 3 tent base. It could also be mounted on the side face of the tent base - The side mount option is advised for Alu-Cab units with rear-mounted accessories such as helper shocks, that may interfere with the awning strap location, in the top surface position.

Always double check your intended location, before drilling and mounting!



Figure 5: C-Clamp extrusion with holes drilled

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

Place the C-Clamp Extrusion on the vehicle in position and drill the mounting holes into the vehicle / Alu-Cab base unit using the extrusion holes as a guide. This is done using a hand drill and a 4.8mm drill bit.



Figure 6: C-Clamp extrusion with holes drilled into vehicle

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

Before fixing the C-Clamp Extrusion to the vehicle, silicone must be applied to the bottom surface of the C-Clamp Extrusion. Use black silicone or Sikaflex. Place the rivets in and rivet the C-Clamp Extrusion to the rear end of the vehicle.

Note:

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

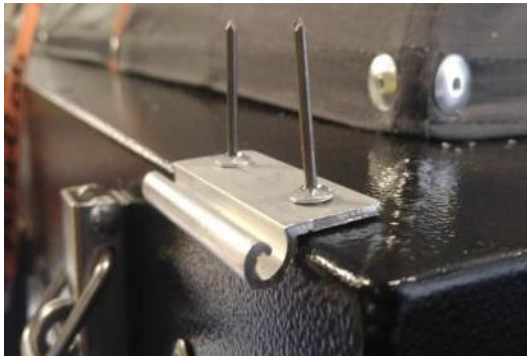


Figure 7: Rivets in C-Clamp Extrusion



Figure 8: C-Clamp Extrusion 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 C-Clamp Extrusion. 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 C-Clamp Extrusion. Figure 9 shows a trimmed buckle strap which is in line with the C-Clamp Extrusion.

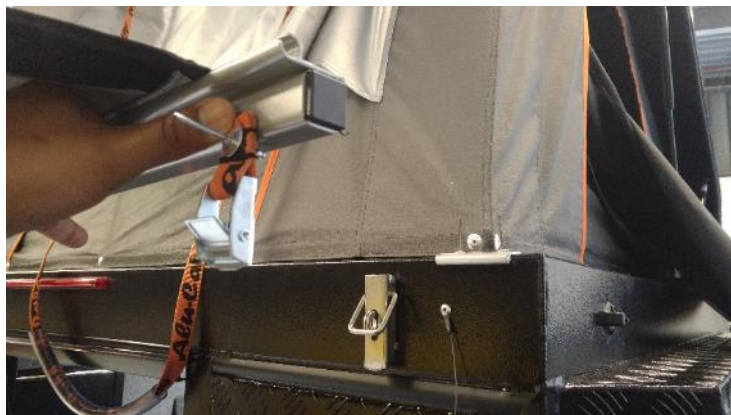


Figure 9: Trimmed Buckle strap in line with C-Clamp Extrusion



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



Figure 10: 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 11.



Figure 11: 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 12: Buckle strap riveted onto awning arm

- f) Pull the C-Clamp Extrusion strap through the buckle to tighten the awning as shown in the pictures below.



Figure 13: C-Clamp Extrusion strap into buckle



Figure 14: Tightening of strap



Figure 15: 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 16: Black Adhesive foam strip attached