

# FITMENT INSTRUCTIONS

**Alu-Cab™**



## Awning Sides Kit

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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 Sides Kit Fitment- Fasteners & Components

The tables below show the equipment, fasteners and hardware required to complete the Fitment of the Alu-Cab Awning Sides.

### Hardware supplied with the Awning Sides Kit:

<b><u>Awning Sides Packing List</u></b>			
<b>PartNo</b>	<b>Revision</b>	<b>Description</b>	<b>Qty</b>
<b><u>Laser cut parts</u></b>			
AWN-010-003		Awning U-bracket	2
<b><u>Assembled items</u></b>			
Awning Telescopic pole			2
<b><u>Fasteners</u></b>			
M6x40 Button head screws			4
M6x18x1.6 Flat washers			8
M6 Nylocks			4
M6 Plastic Nut cap			4
4.8x10 Rivets			10
<b><u>Canvas</u></b>			
4 X Awning Sides		4 x Awning Sides labelled clearly RHS or LHS	1
Bag for Awning Sides			1
<b><u>Seals &amp; Misc</u></b>			
Flexi Ties (7x260)			30
Pegs			20
Pole ends			2
Pole Clamps			2
Pole Pivots			2

## **1.1 Tools required to Fit Side Chair Carrier kit:**

<b>Tools</b>	<b>Purpose</b>
10mm Spanner	Fastening Nuts and Bolts
Size 4 Allen Key	Fastening Nuts and Bolts
Rivet Gun	Fastening Rivets
Drill	Drilling Holes
6mm Drill Bit	6mm Holes
5mm Drill Bit	5mm Rivet Holes

## **2. Fitting the Awning Sides Kit**

### **Step 1: Telescopic Pole Fitment**

The first step in installing our Awning Sides Kit is to attach our auxiliary Awning Poles to the 2 remaining Awning Arms. Using the fasteners provided, we can attach the thick end of the Awning Pole with its plastic Pole End to the Awning Arm End as shown in the below images:



#### **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.



Figure 1: Fastened Auxiliary Awning Pole with Awning Arm End

### **Step 2: Telescopic Pole U-Bracket Fitment**

The second step for the fitment of the Awning Sides Kit is to attach the 2 new Awning poles to your existing Shadow Awning.

The below images will detail and demonstrate this:



Figure 2: These U-Brackets need to be fastened using Rivets to the two remaining Awning Arms that don't have an Awning Pole attached. They should be placed far enough from where the Awning Pole attaches to the Awning Arm end, to fit a fully compressed Awning Pole folded up against the Awning Arm with 100mm to spare.

### **Step 3: Telescopic Pole Clamp Fitment**

Next we need to fit the Awning Pole Clamp on the Awning Pole. The Clamp needs to be placed over the thick Awning pole and where the screw inserts needs to be marked, you can then remove the Clamp. A 6.5mm Hole then needs to be drilled into the thick Awning Pole on the mark, and once this is done, the Clamp can be refitted, tightening the Screw while still allowing the Bottom Half of the Awning Pole to slide.



Figure 3: Awning Pole Clamp

#### **Step 4: Telescopic Pole Pivot Fitment**

For our next step we need to fasten our Awning Pole Pivot to the bottom of the Awning Poles. A hole in the thin Awning Pole needs to be made at the bottom for a 4.8mm Rivet, with the Pivot inserted, then Riveted.



Figure 4: Awning Pole Pivot

\*Note: Your Awning Poles may be pre-assembled

### **Step 5: Awning Sides Kit**

We can now proceed to preparing our Kit and Vehicle for Fitment.



Figure 5: Awning Sides LHS Specific Kit and Vehicle with LHS Shadow Awning





Figure 6: Setting up the Shadow Awning



Figure 7: Awning Sides Kit



Figure 8: Awning Sides Kit Opened



Figure 9: Awning Sides Kit Canvas Components



Figure 10: Flexi Ties and Tent Pegs

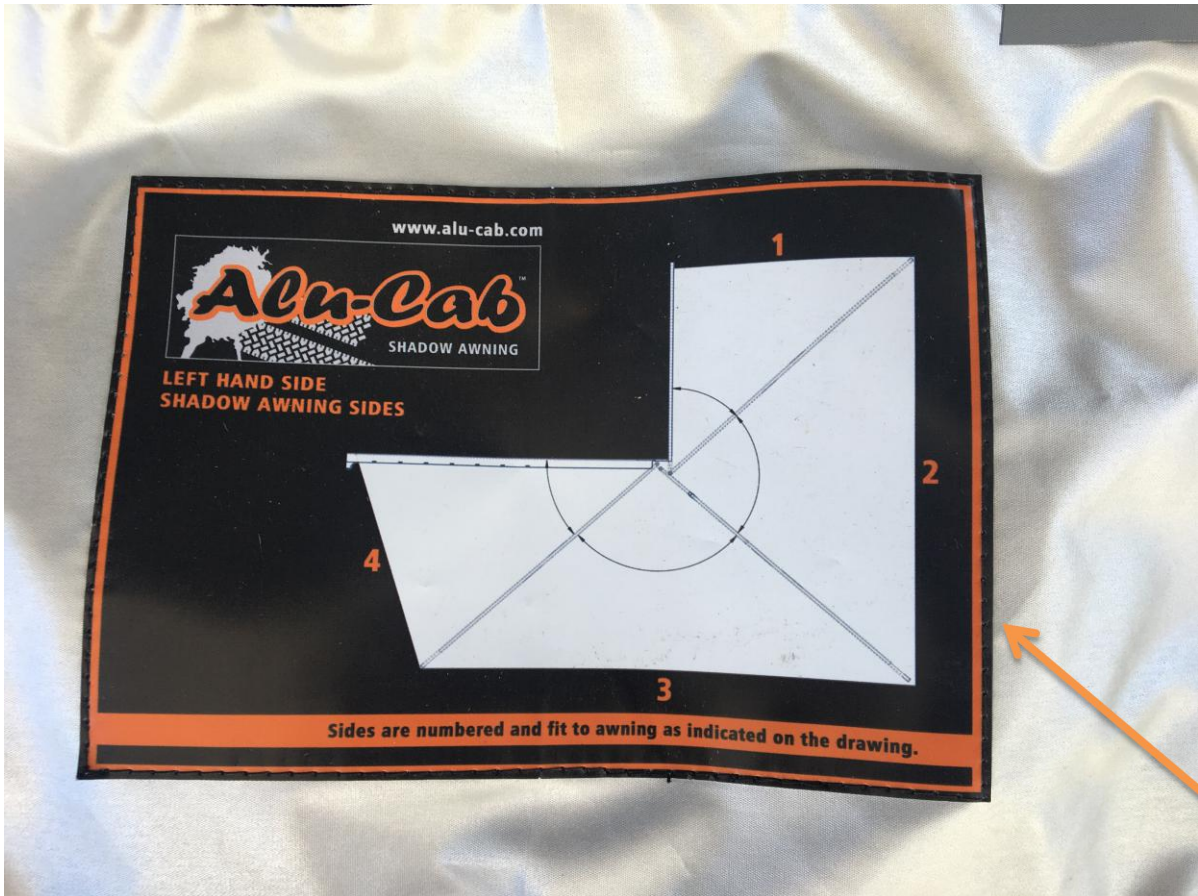


Figure 11: The Diagram on the Lid of the Awning Sides Kit Bag has numbers which correspond to which piece of Canvas attaches where on the Shadow Awning.



Figure 11: Numbers on each piece of Awning Sides Canvas

### **Step 6: Attaching the Number 1 Awning Side Canvas**

There is Velcro along the rim of the Shadow Awning where we can attach our Awning Sides. You can unfold your Awning Side 1 Canvas and Start attaching it along the Awning Canvas edge using the Velcro.



Figure 12: Awning Side 1 Velcro





Figure 13: Awning Side 1 attached using Top Velcro

### **Step 7: Attaching the Number 1 Awning Side Pole Velcro Straps**

For this step we need to fasten the Velcro Straps found on the Awning Side Canvas around the Awning Poles.

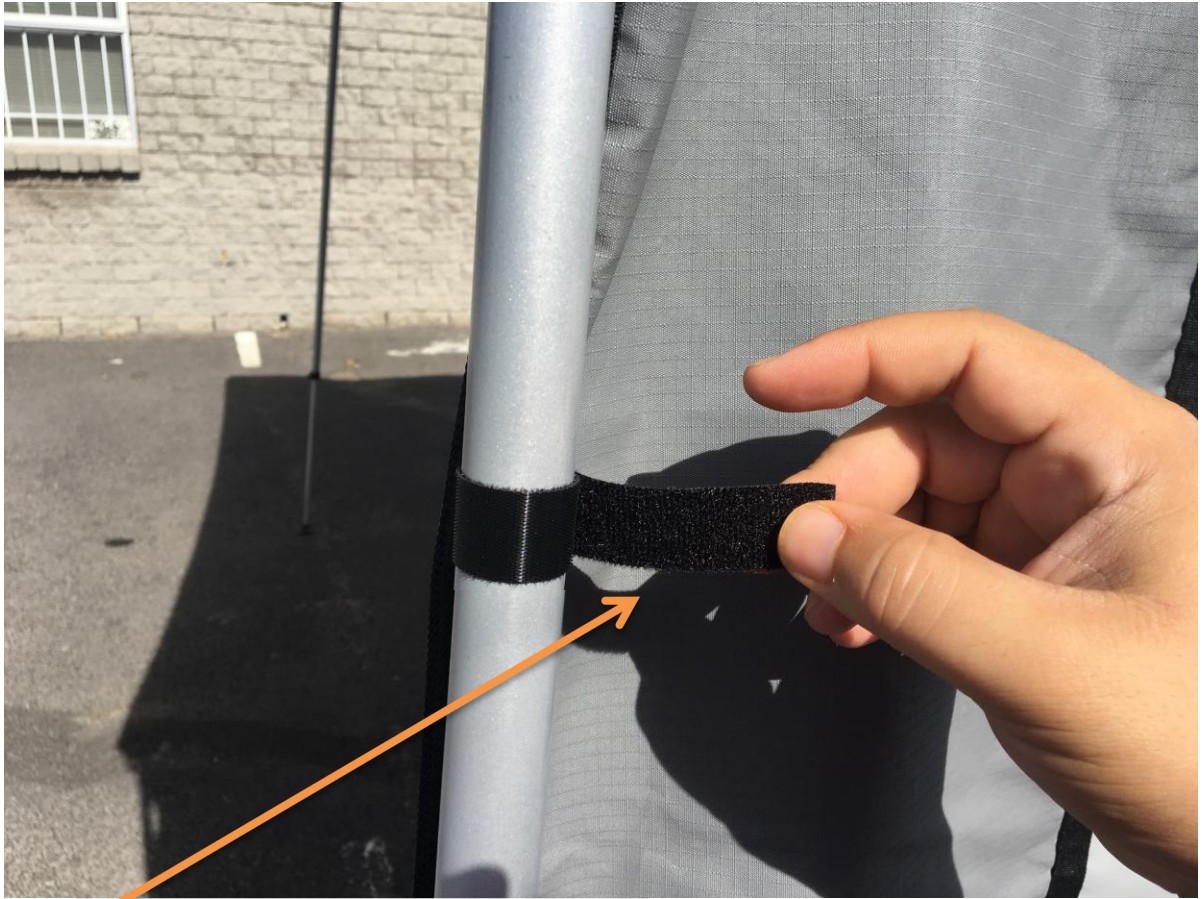


Figure 14: Velcro Straps on the Awning Sides Canvas



Figure 15: Tightened Velcro Straps on the Awning Sides Canvas

### **Step 8: Flexi Tie Fastening of Sides**

On the Side of the Awning Side 1 Canvas, there are loops where we can thread through a Flexi Tie which we will use to attach the Canvas side to the vehicle. There are a few of these loops along the side of the Canvas so you just need to find any anchoring points you can on the vehicle.



Figure 16: Flexi Ties and Canvas Loops

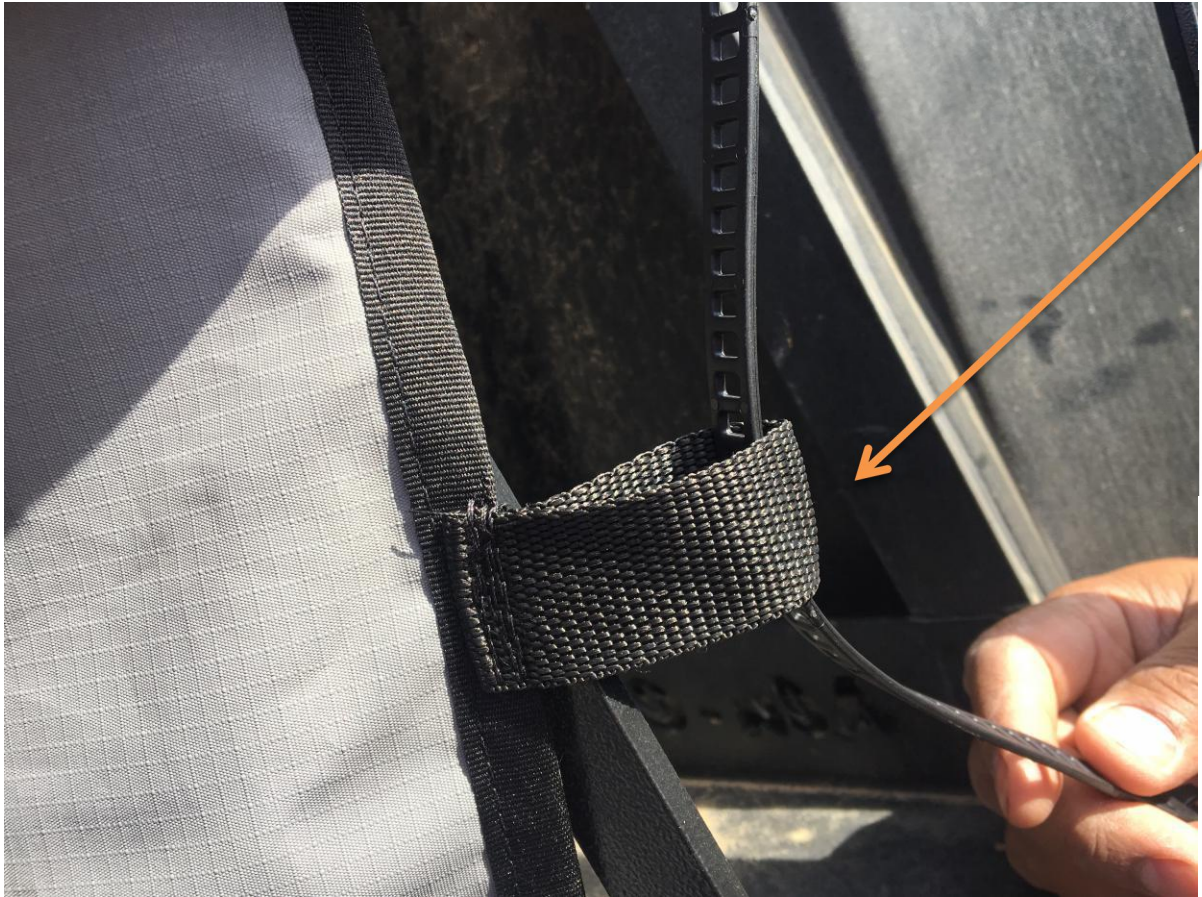


Figure 17: Flexi Tie threaded through Canvas Loop



Figure 18: Various Fixture Points on the Vehicle

### **Step 9: Zipping up the Number 2 Side Canvas**

We can now Zip the Number 2 Canvas to the Number 1 Canvas.



Figure 19: Zip found at the top on the Canvas pieces, the first step in joining Canvas pieces together



Figure 20: The Number 2 Side Canvas attached with the Zip, Top Velcro and Side Velcro Straps. \*Note the Lower Loops for your Tent Pegs to go through

### **Step 10: Securing the Number 3 Side Canvas**

We can follow the same steps as before to attach the third Canvas Side to the second Canvas Side.





Figure 21: Third Canvas Side setting up



Figure 22: Third Canvas Side

### **Step 11: Securing the Number 4 Side Canvas**

For the 4th and last Canvas Piece, we need to Zip it just like the rest, Velcro it on top to the Awning Canvas, use the Velcro Straps to secure it to the Awning Pole and finally fasten it to the Vehicle using the Flexi Ties just like on the first Canvas piece. We will again need to find and use any point we can on the Vehicle to secure the Canvas to, using Flexi Ties. Alternatively you can also use Lace Hooks as shown below and add these to your vehicle using 3M Double Sided Tape.



Figure 23: Lace Hook



Figure 24: Various fixture points on the Vehicle

## Step 12: Fully Setup Awning Sides Kit













Should you experience any problems, please contact us so that we can assist you.

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