

# FITMENT INSTRUCTIONS

**Alu-Cab™**



## Canvas Replacement - Tents (Gen 3 Tent, Campers & Roof Conversions)

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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. Canvas Replacement – Tools, Fasteners & Materials

The tables below show the equipment, i.e. tools and fasteners required to start the canvas replacement on any of the Alu-Cab Roof Top Tents.

### 1.1. Tools & Items Required:

TOOLS
Measuring Tape
Rivet Gun
Drill
Drill Bits $\Phi 4.8$ mm & $\Phi 5.0$ mm

ADDITIONAL ITEMS
Masking Tape
Pencil

### 1.2. Fasteners Supplied:

ITEM	QTY
$\Phi 4.8$ x 15 FENDER RIVET	55
$\Phi 4.8$ x 21 FENDER RIVET	10

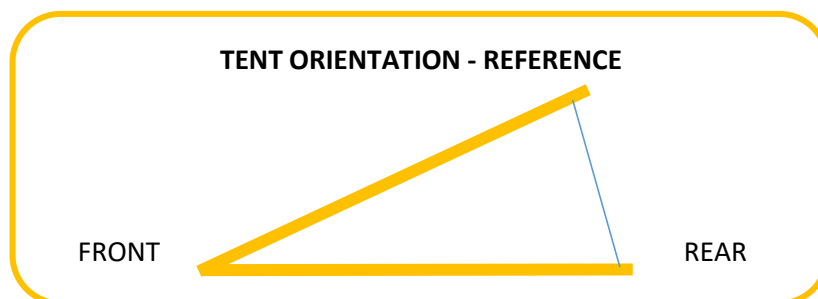
**NOTE:** The number of rivets used differ between the tent variants. Rivets are over-supplied to accommodate for this. The instruction is based on a Roof Conversion Tent, but the same principals are used to replace the canvas on all of the tent variants.

### 1.3 Hardware Required:

DESCRIPTION	QTY
CANVAS (SPECIFIC TO TENT VARIANT)	1

### Additional Information

It is advised that this replacement is done with a team of two to three people, as aligning the canvas alone is quite a difficult task.



#### **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. Removal of Existing Canvas

Before beginning the replacement procedure, open the tent. Then follow the steps below:

### **Step 1 - Marking (Base)**

Apply masking tape along the base flange of the tent. Do this along the rear edge, and the two side edges. Mark the position of the rivets, using a pencil to draw small indicator marks. See image below:



### **Step 2 - Marking (Roof)**

Apply masking tape along the interior lining of the tent roof. Do this along the rear edge, the front edge and the two side edges. Mark the position of the rivets, using a pencil to draw small indicator marks. See image below:



### Step 3 - Drilling

Remove the mattress from the inside of the tent, and drill out all of the rivets using a  $\Phi 4.8\text{mm}$  drill bit. Do this for both the base and for the roof. The existing canvas can now be removed.





### 3. Fitment of New Canvas

#### Step 1 - Base Alignment (Front)

Unfold the new canvas within the interior of the tent, and roughly align it, so that the rear main entrance in the canvas is correctly positioned at the rear of the tent.

Begin by aligning the front two corners of the canvas, with the front two corners of the tent base flange. The corners will align with the seams in the canvas. See images below:



Push the velcro firmly along the entire front edge, to ensure it is secured properly.

## Step 2 - Base Alignment (Rear)

Align the rear edge of the canvas, with the rear base flange. Use the orange edging, around the entrance, as a reference to ensure that the canvas is properly centred. Measure from the spring pole bracket and/or the corners of the base flange to the edging, on both sides. The measurements must be equal.

Firmly press the velcro, all along the rear base flange, to ensure it is secured properly. See images below:



### Step 3 - Base Alignment (Sides)

Firmly press the sides of the canvas to the side base flanges, left and right hand side. Ensure that the canvas is not wrinkled along these edges, if it does wrinkle, stretch the canvas towards to the front.



### Step 4 - Canvas Drilling (Base)

Using the marked indicator lines on the masking tape as reference, feel for the existing hole and drill through the canvas, with a  $\Phi 5.0$  mm drill bit. Do this for all 26 holes in the base flange. See image below:





### Step 5 - Rivets (Base)

Using Ø4.8 x 15 fender rivets, and the rivet gun, pop a rivet through all 26 holes in the base flange. See image below:



### Step 6 - Roof Preparation

Insert a bolt into the lock hole of one throw-over latch, and hook the pull handle over it. This limits the roof from opening fully, and makes the canvas installation possible. See image below:





### Step 7 - Roof Alignment (Rear)

To align the canvas, in the roof, at the rear. Use the corners of the silver fly sheet as reference. Measure from these corners to the corners of the internal flange, and ensure that the measurements are the same. Firmly push the rear edge of the canvas onto the velcro, from the inside, so it seats properly. Double check your measurements. See image below:



### Step 8 - Drill & Rivet (Roof - Rear Corners)

Once the above mentioned alignment is done, it is important to fix the canvas in place, before moving onto the sides and the front, so that the fly sheet remains centred.

Using the marked indicator lines on the masking tape as reference, in the interior, feel for the existing corner hole and drill through the canvas, with a  $\Phi 5.0$  mm drill bit, on both sides.

Using  $\varnothing 4.8 \times 21$  fender rivets, and the rivet gun, pop the two rivets through from the inside.

See image below:



### **Step 9 - Roof Alignment (Sides & Front)**

Pull the canvas towards the front of the roof, pushing it firmly against the velcro, from the inside, so that it seats properly. Move to the front edge, and do the same. Ensure that the canvas is not excessively wrinkled in any locations. Step back and inspect the canvas from outside, on both the left and right hand side of the tent. If it is pulling skew, adjust accordingly.

### **Step 10 - Drill & Rivet (Roof - Front Corners)**

Once the above mentioned alignment is done, it is important to fix the canvas in place.

Using the marked indicator lines on the masking tape as reference, in the interior, feel for the existing corner hole and drill through the canvas, with a  $\Phi 5.0$  mm drill bit, on both sides.

Using  $\text{Ø}4.8 \times 21$  fender rivets, and the rivet gun, pop the two rivets through from the inside.

See image below:



### **Step 11 - Drill & Rivet (Roof - Remaining Holes)**

Using the marked indicator lines on the masking tape as reference, in the interior, feel for the existing holes and drill through the canvas, with a  $\Phi 5.0$  mm drill bit, for each of the remaining twenty (20) holes.

Using  $\text{Ø}4.8 \times 15$  fender rivets, and the rivet gun, pop the twenty (20) rivets through from the inside. The canvas is now secured in place.

## 4. Finishing

### Step 1 - Cleaning

Carefully peel away all of the masking tape, used for the indicator marks, from the outside of the base, and the inside of the roof.

Use a vacuum to remove any debris left on the inside of the tent, from the drilling operations.

### Step 2 - Mattress

Fit the mattress back into the interior of the tent.

### Step 3 - Finished

Step back and admire the good job that you, and your team, have done.

