

# FITMENT INSTRUCTIONS

**Alu-Cab™**



## Rhino Rack Mounting 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. Rhino Rack Mount Fitment – Tools, Fasteners & Materials

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

## 1.1. Tools Required:

• 5mm Allen Socket	• Rivet Gun
• Drill	• 13mm Socket (Deep)
• 8.5mm Drill Bit	• 3/8 Socket Wrench
• 13mm Wrench	• Auto Center Punch

## 1.2 Hardware Required:

<u>ITEM</u>	<u>QUANTITY</u>
• 3mm Rivets	10
• M8x40mm Allen Bolts	3
• M8x55mm Allen Bolts	2
• M8x20mm Allen Bolts	2
• M8 Nyloc Nuts	7
• M8 Flat Washers	14
• M6x20mm Allen Bolts	4
• M6 Flat Washers	4
• M6 Nyloc Nuts	4



### **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. Front Rhino Rack Mounting Bracket.

In Figure 1 below is the assembled front mounting bracket consisting of one L bracket and two flat side plates. This bracket is riveted together with the ten 3mm rivets provided. (Figure 1)

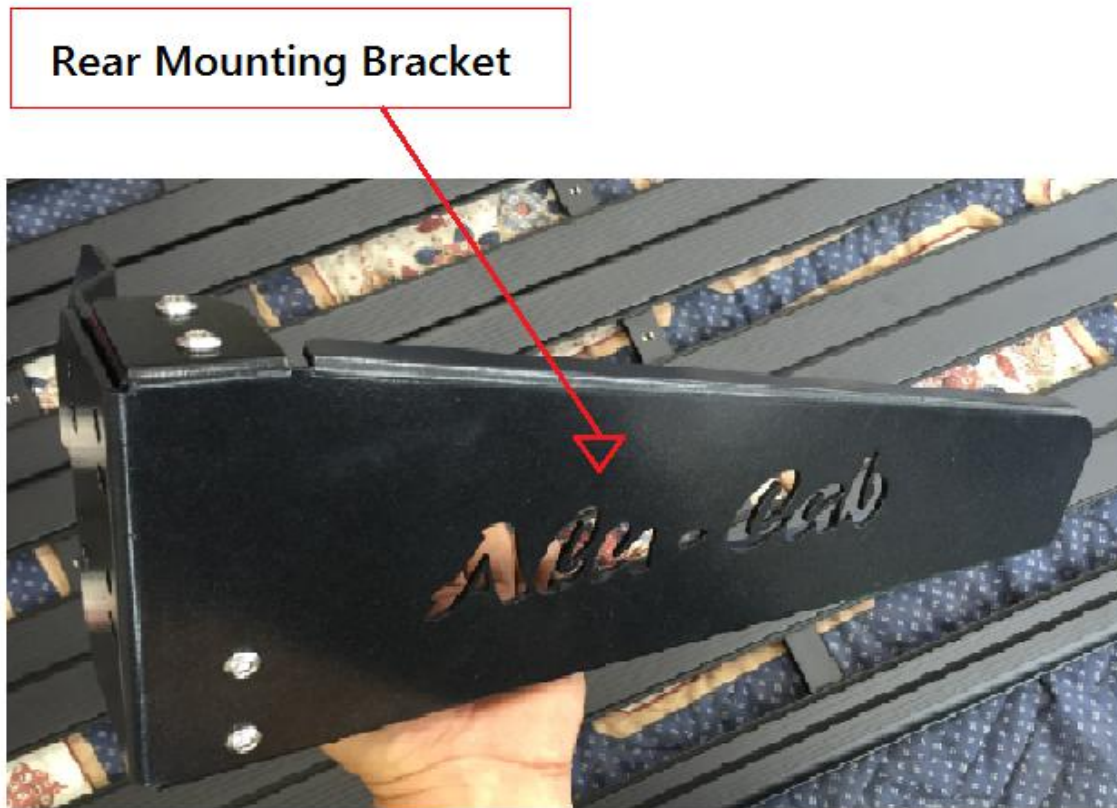


Figure 1:  
Rhino Rack Front Mount

### **3. Rear Rhino Rack Mounting Bracket.**

In Figure 1 below is the assembled rear mounting bracket consisting of one rear bracket and one side bracket. This bracket is bolted together with the four M6 bolts, washers and nuts provided.

(Figure 1)



**Figure 1:**  
**Rhino Rack Rear Mount**

### **4. Installing Rear Rhino Rack Mounting Bracket.**

Place Rhino Rack pioneer platform upside down on table or soft surface. Situated rear mount assembled in step 3 on the LHS or RHS (depending on awning orientation) rear corner. Mark and drill the three rear bolt holes along the rear section of the roof rack on the line provided by

Rhino Rack. (Figure 1)





**Figure 1**

After drilling through both the top and bottom of the channel, place the bracket into position and insert the M8x40mm Allen bolts in but do not tighten. Mark and drill the two side channel bolt holes to 8.5mm and secure with M8x20mm Allen bolts, washers and nuts. If a rear cross bar falls into this area it and the spin nut can be utilized instead of a nut. (Figure 2)



**Figure 2**

All hardware for the rear mounting bracket can be tightened at this time.



## **5. Installing Front Rhino Rack Mounting Bracket.**

The front Rhino Rack mounting bracket should ideally be placed as far forward as possible for the greatest amount of strength. With the rear mount now installed, mock up awning unto rear mount and mark location of the furthest mounting holes on awning body that allow the front side mount to still fit on the side profile of the platform. (Figure 1)



**Figure 1**

With the mount in place, mark rear mounting hole on the platform. Drill to 8.5mm and insert M8x55mm bolt, washer, nut plate, washer and nut. On the outside of the rack install the final M8x55mm bolt, washers and nut into the front mount and bottom nut plate. (Figure 2)



**Figure 2**

All hardware for the front mounting bracket can be tightened at this time.

## **6. Installing Shadow Awn.**

Refer to Shadow Awn Bag Fitment and Strap Fitment guides to complete installation of your Shadow Awning.

PDF Install Manuals can be found at <http://www.alu-cab.co.za/fitment-manuals> . Please consider the environment before printing.