



FITMENT INSTRUCTIONS

NAVARA 2021- 2022 DOUBLE CAB Canopy Camper and ModCAP Camper

Installation Instructions

Preliminary information

Installation and fitment instructions includes the tools required, fasteners included in the kit, and the hardware included in the kit.

Please follow the instructions and check installation steps with the images in this document.

Alu-Cab recommends that all sealing work is allowed to cure for 24 hours, after which you may drive the vehicle on normal paved roads. Before driving off-road with your Alu-Cab product or operating your roof conversion, an additional cure period of 48 hours is required.

Failure to follow these instructions will void your warranty. Please ensure that you follow the sealant manufacturers curing time as per their technical data sheet.

These times may differ slightly from the times we have recommended.



Service Enquiries email
queries@alu-cab.com

DISCLAIMER

Safety Notice – Lifting and Handling of Product

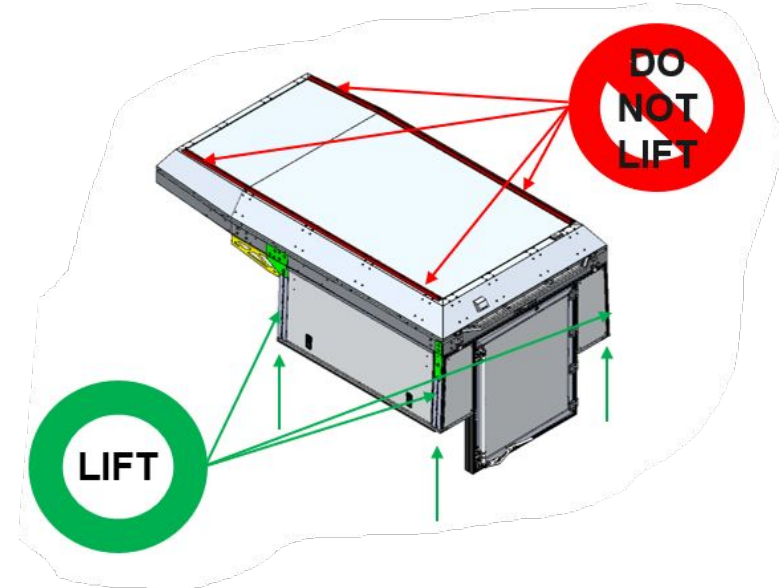
Do not attempt to lift, move, or suspend the canopy, canopy camper, or any related product using eyebolts, eye nuts, or any components attached to the cargo rails or roof accessory tracks.

These points are not engineered or rated for lifting loads and may result in serious injury, product damage, or failure if used.

For all lifting and handling operations, only use approved lifting methods such as:

- A forklift positioned securely beneath the base structure, or
- Outrigging poles attached to the designated lifting brackets supplied or approved by Alu-Cab.

Always ensure lifting equipment and methods comply with applicable safety standards. Improper lifting may void the warranty on this product.



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Installation Instructions

Canopy Fitment – Tools, Fasteners & Hardware

1.1

Tools & Items Required

10mm Ring Spanner/Socket
13mm Ring Spanner/Socket
5mm Allen Key

1.3

Items

Turpentine
Cloth
Black sealant, silicone or Sikaflex
Window Cleaner

1.2

Fasteners Supplied (included with Side Boxes)

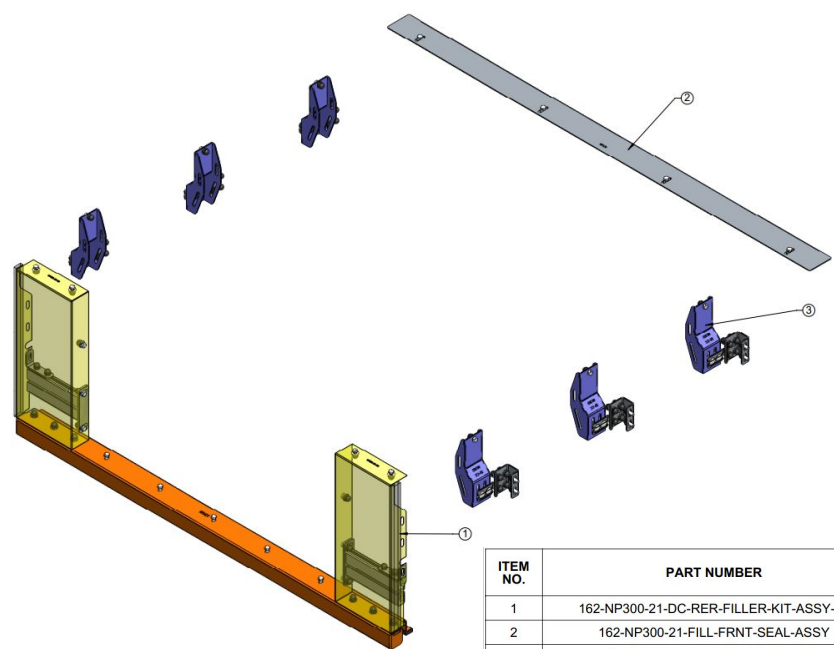
CUP SQUARE PLATE	6
ELASTIC BAND NO.6	6
M8x20mm OVERSIZED WASHER S/S - DIN 9021	51
M8x16mm FLAT WASHER S/S - DIN 125	62
M8x16 HEX BOLT S/S	8
M8x20 HEX BOLT S/S	59
M8x25 HEX BOLT S/S	4
NCAP-08mm	113
M8 HEX NUT S/S	4
M8 NYLOC NUT S/S	67
M8x30 CUP SQ BOLT S/S	12
M8 SPRING WASHER S/S	16

Installation Instructions

Canopy Fitment – Tools, Fasteners & Hardware

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Component Identification



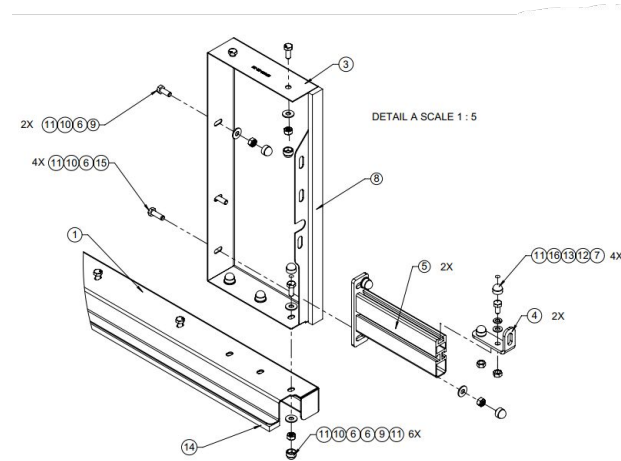
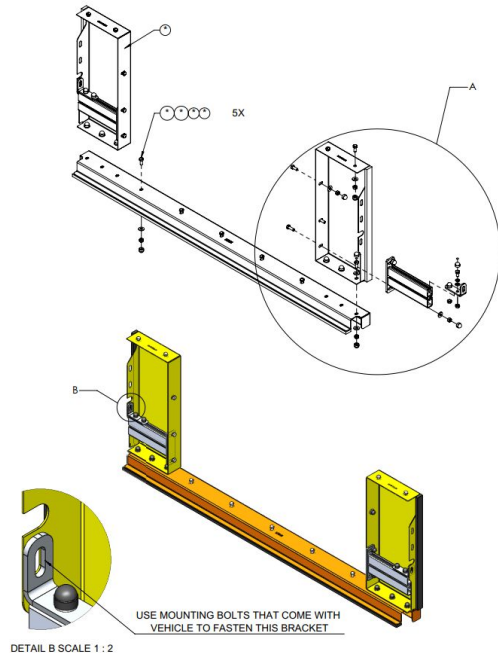
ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	162-NP300-21-DC-RER-FILLER-KIT-ASSY-01	REAR FILLER KIT ASSEMBLY	1
2	162-NP300-21-FILL-FRNT-SEAL-ASSY	FRONT SEAL ASSEMBLY	1
3	162-NP300-21-CC-MNT-KIT-ASSY-01	NP300 CC MOUNTING BRACKETS ASSEMBLY	1
4	BX-CCFK	CANOPY CAMPER FILLER KIT BOX-720X160X1700	1

Installation Instructions

Canopy Fitment – Tools, Fasteners & Hardware

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Rear Filler Kit Identification



ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	162-NP300-21-BOT-COV-STRP-01	BOTTOM COVER STRIP	1
2	162-NP300-21-INNER-BOX-RH-01	FILLER BOX RH	1
3	162-NP300-21-INNER-BOX-LH-01	FILLER BOX LH	1
4	162-NP300-21-MNT-BRKT-01	MOUNTING BRACKET	2
5	162-NP300-SID-SUPP-BRKT-ASSY-01	WELDED SIDE SUPPORT BRACKET ASSEMBLY	2
6	FFW-M8	M8x20mm OVERSIZED WASHER S/S - DIN 9021	27
7	NUT-M8	M8 HEX NUT S/S	4
8	SPNG-RUB-1025 - (484mm)	SPONGE RUBBER - 10x25mm (10m phroll)	2
9	HEX-M8x30	M8x30 HEX BOLT S/S	17
10	NY-M8	M8 NYLOC NUT S/S	21
11	NCAP-M8	NUT CAP-08mm	31
12	FW-M8	M8x16mm FLAT WASHER S/S - DIN 125	4
13	SW-M8	M8 SPRING WASHER S/S	4
14	SPNG-RUB-1025 - (1360)	SPONGE RUBBER - 10x25mm (10m phroll)	1
15	HEX-M8x25	M8x25 HEX BOLT S/S	4
16	HEX-M8x16	M8x16 HEX BOLT S/S	4

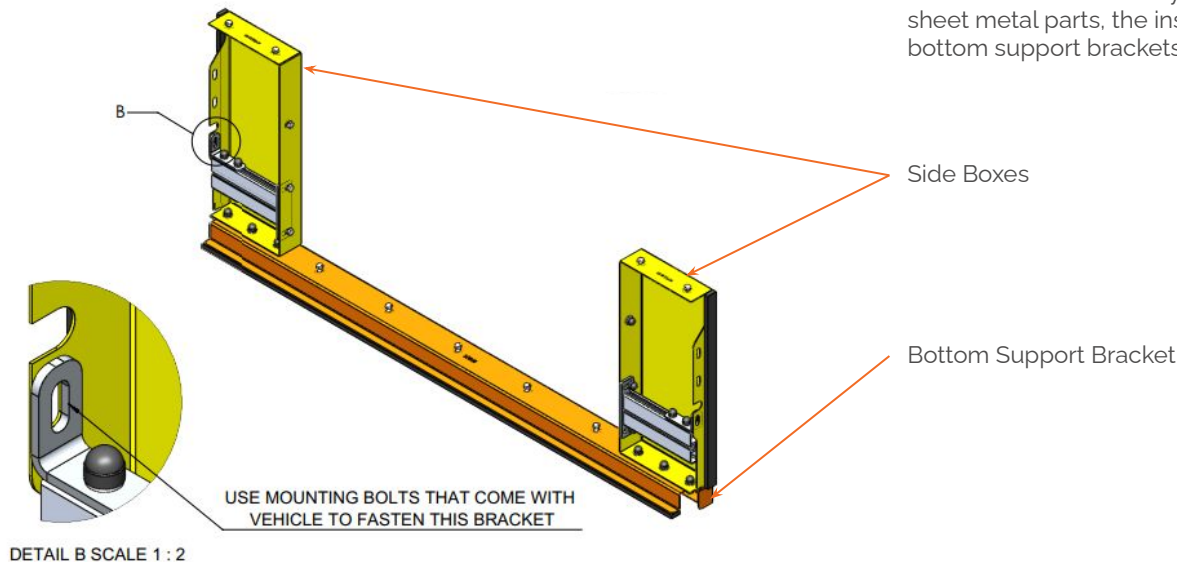
Installation Instructions

Canopy Fitment – Tools, Fasteners & Hardware

3

Rear Filler Kit Identification

The Rear Filler Assembly is made up of three main sheet metal parts, the inside boxes as well as one bottom support brackets.



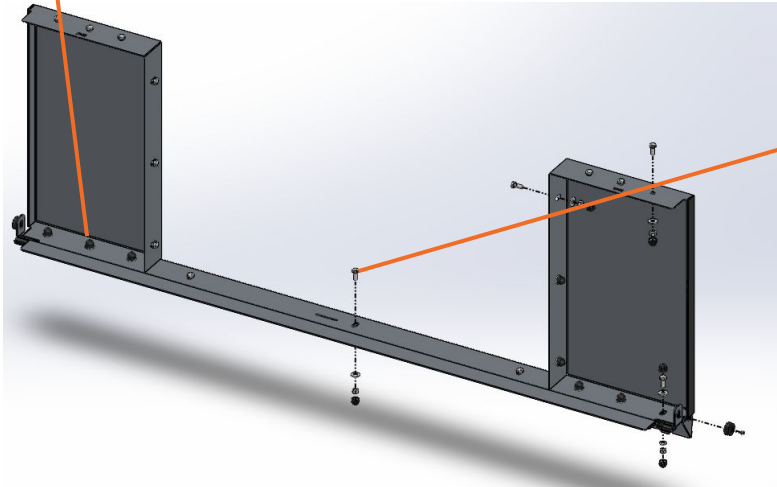
Installation Instructions

3.2 Rear Filler Panel Assembly:

Firstly attach the correct bottom support bracket to the side boxes using the supplied fasteners. Then fit lower door frame to filler panel assembly as shown.

3.3

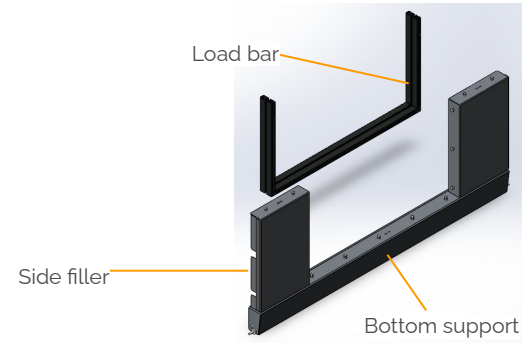
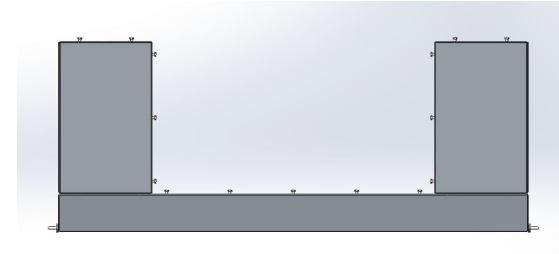
Attach the side fillers to the bottom support.



3.4

Place the hex bolts in the load bar track and then fasten the load bar down onto the bottom support with nuts underneath the bottom support.

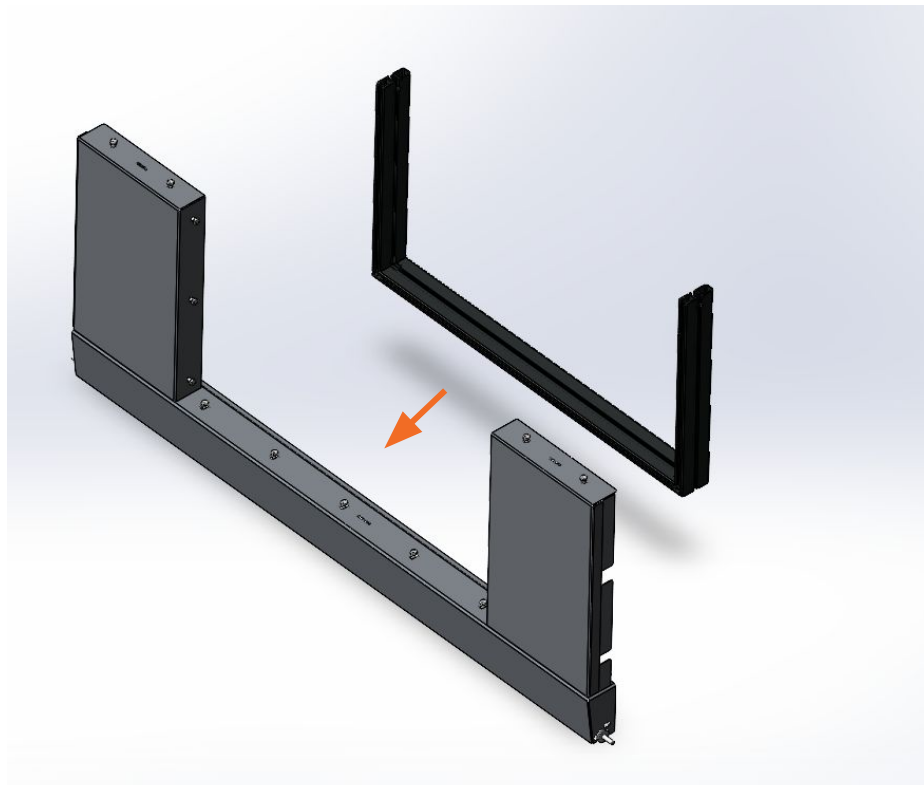
Example: Side fillers connected to bottom support



Installation Instructions

3.4

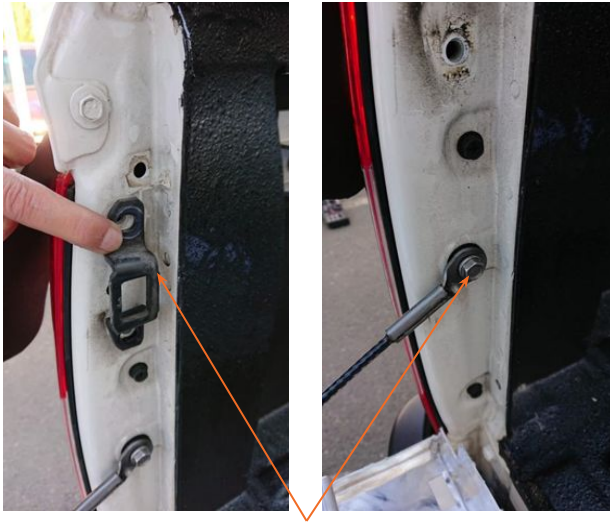
Fit lower door frame to filler panel assembly as shown:



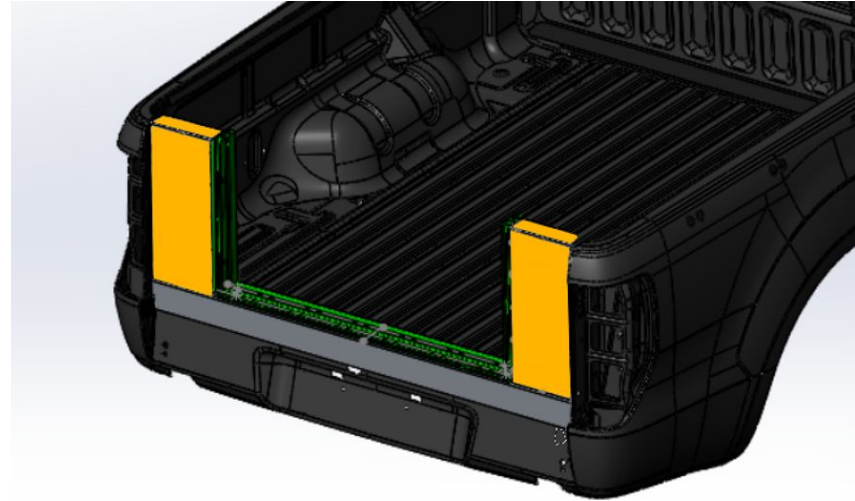
Installation Instructions

3.5

Fit Rear Filler Assembly into the Load Bin :



Remove bracket and fasteners. Do not discard any fasteners, they will be reused to fasten the rear filler kit in place.



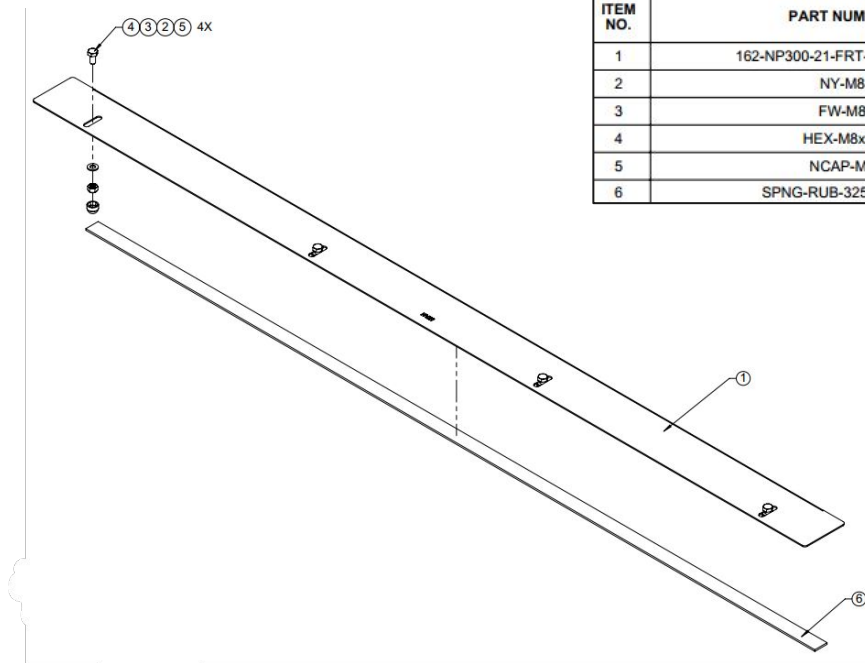
Once the brackets, the tailgate and fasteners have been removed the filler panel assembly can be fitted as shown above. Then fasten the filler panel assembly to the tailgate with the bolts that were removed during the previous step, the ones that come stock with the vehicle. Once the filler panel assembly is fastened down it is important to fit the front seal bracket

Installation Instructions

Canopy Fitment – Tools, Fasteners & Hardware

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Front Filler Identification



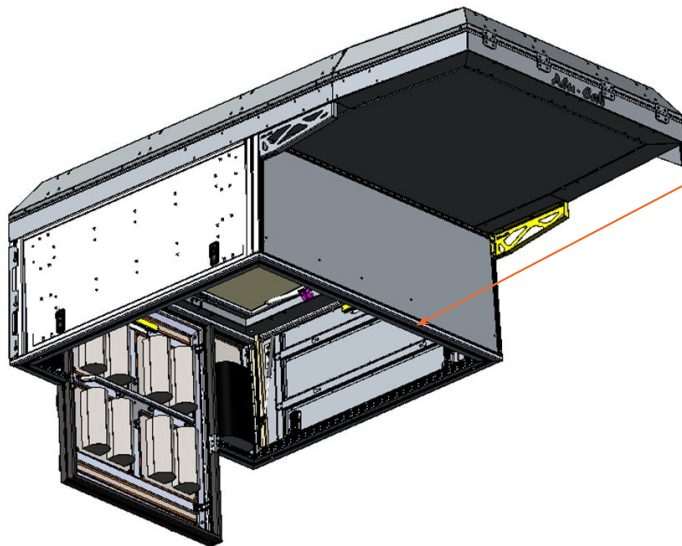
ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	162-NP300-21-FRT-SEAL-BRKT	NP300-21 FRONT SEAL BRACKET	1
2	NY-M8	M8 NYLOC NUT S/S	4
3	FW-M8	M8x16mm FLAT WASHER S/S - DIN 125	4
4	HEX-M8x16	M8x16 HEX BOLT S/S	4
5	NCAP-M8	NUT CAP-08mm	4
6	SPNG-RUB-325 - (1500)	SPONGE RUBBER - 3X25mm (10m p/roll)	1

Installation Instructions

Canopy Fitment – Tools, Fasteners & Hardware

4.1

Front Filler Installation



Slide M8x16 Bolts into the front trac and space them using the bottom filler bracket. Finger tighten the filler bracket in place and dry fit the camper on to the bed. Confirm the position of the front filler is correct and shoot a bead of Sikaflex between the front filler and the canopy camper. Shown in the figure on the right.



Installation Instructions

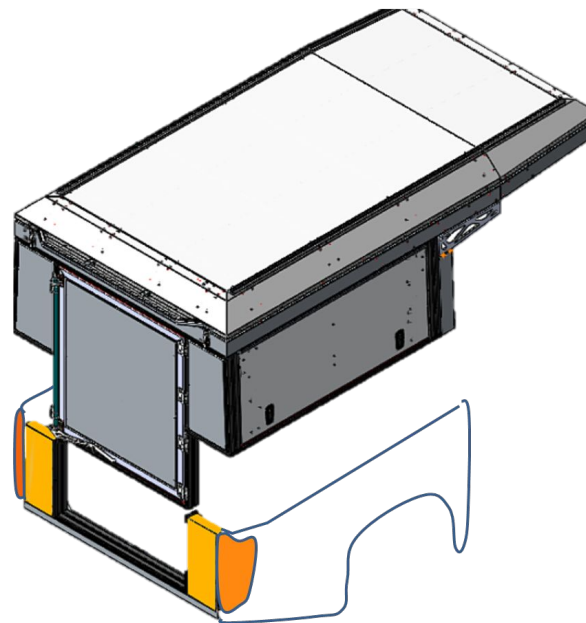
Canopy Fitment – Tools, Fasteners & Hardware

5

Fitment of Canopy Camper to Load Bin

With the front filler kit in position the canopy camper can be mounted on top of load bin.

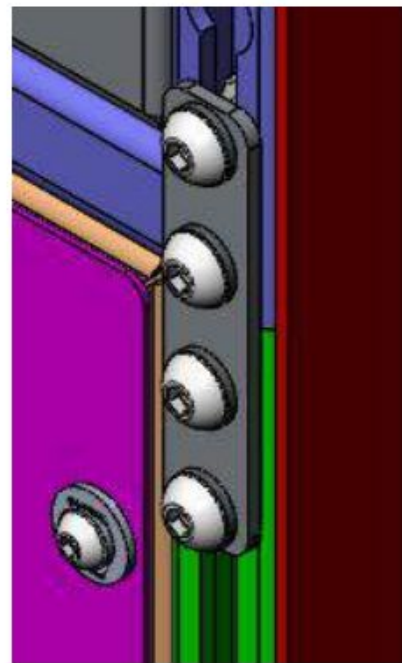
Ensure that the rear filler kit lines up with the rear of the camper.



Installation Instructions

5

Connect rear filler panel assembly and base unit as shown:

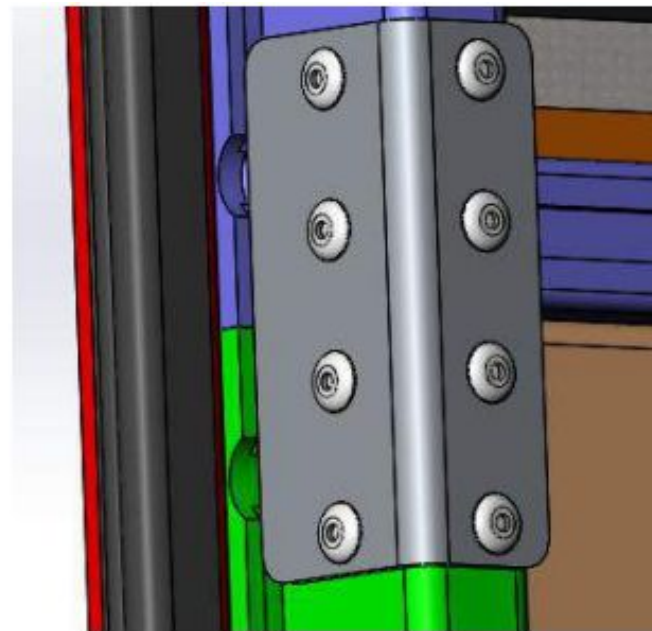
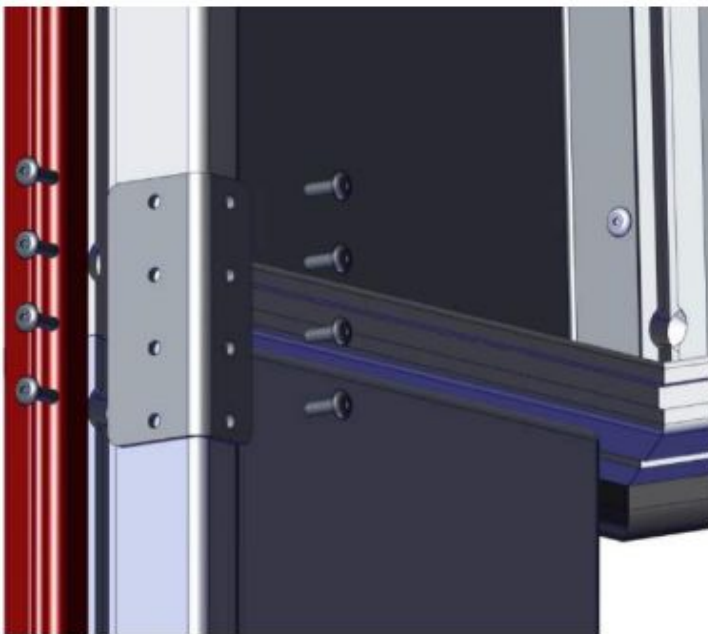


OUTER MOUNTING ON BOTH JOINTS

Installation Instructions

5.1

Connect rear filler panel assembly and base unit as shown:



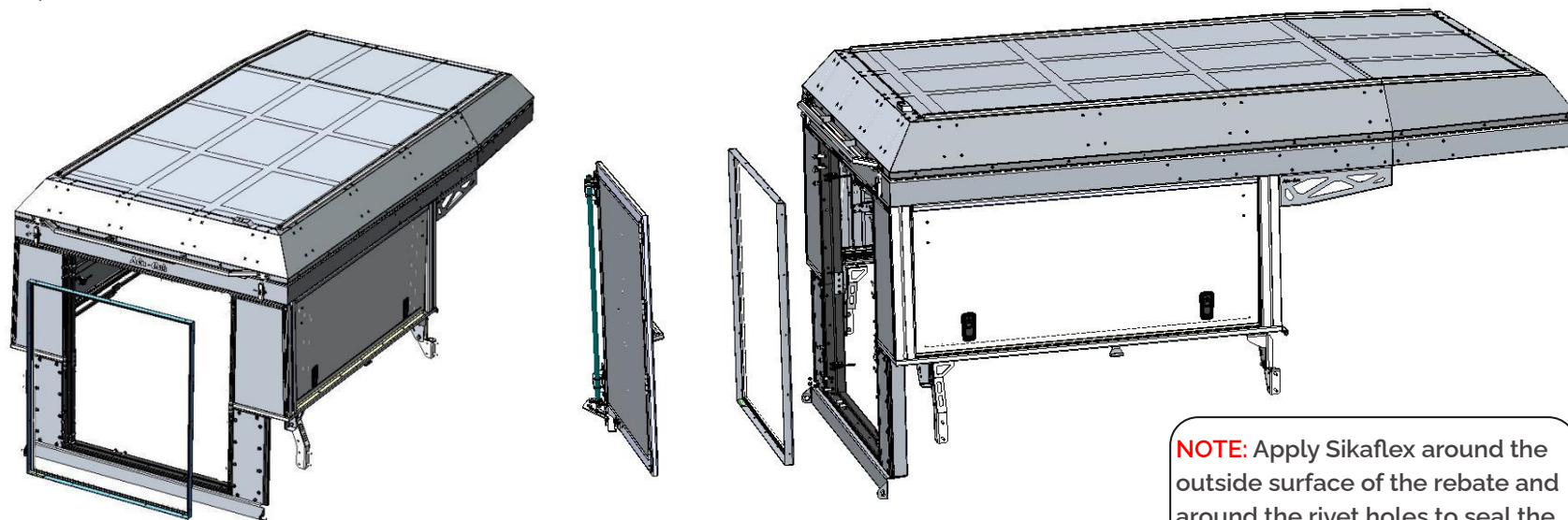
INNER MOUNTING ON BOTH JOINTS

Installation Instructions

6

Rebate and Door Assembly:

Fit rear door rebate with Ø4.8 x 15 sealed countersunk rivets as shown.

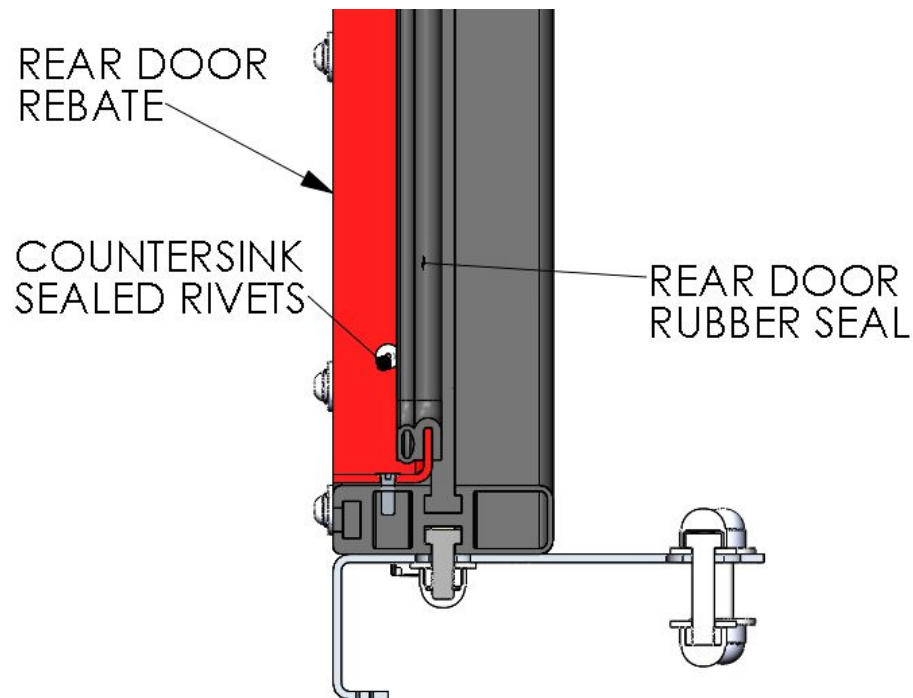


NOTE: Apply Sikaflex around the outside surface of the rebate and around the rivet holes to seal the rebate.

Installation Instructions

6.1

Rebate and Door Assembly:

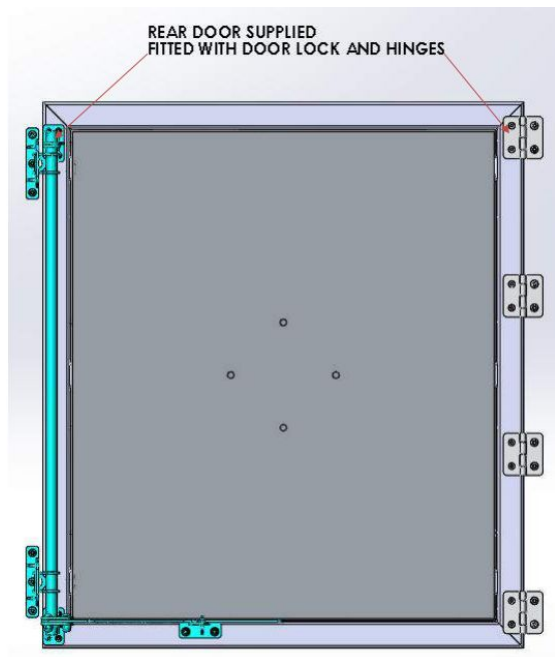


Installation Instructions

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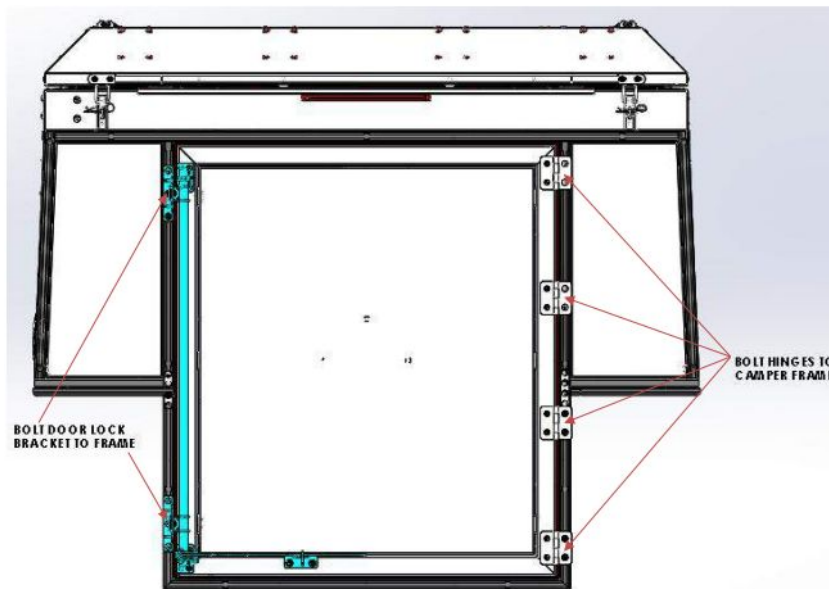
Rear door mounting:

Fit rear door by mounting 4 x Butt hinges to camper frame as shown. Centre rear door, top to bottom and the hinge centres left to right. Also mount the door lock to the camper frame.



7.1

Attach hinges and lock to camper frame:

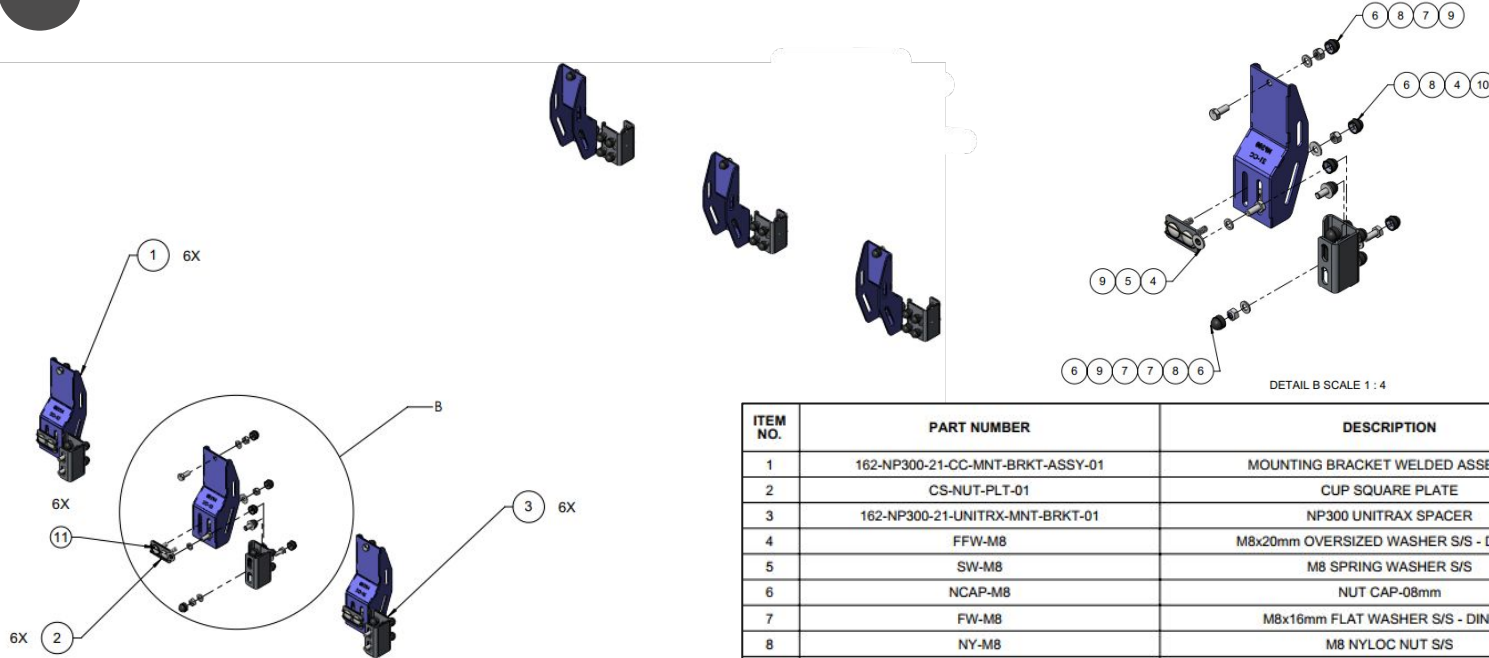


Installation Instructions

Canopy Fitment – Tools, Fasteners & Hardware

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Mounting Brackets Identification



ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	162-NP300-21-CC-MNT-BRKT-ASSY-01	MOUNTING BRACKET WELDED ASSEMBLY	6
2	CS-NUT-PLT-01	CUP SQUARE PLATE	6
3	162-NP300-21-UNITRX-MNT-BRKT-01	NP300 UNITRAX SPACER	6
4	FFW-M8	M8x20mm OVERSIZED WASHER S/S - DIN 9021	24
5	SW-M8	M8 SPRING WASHER S/S	12
6	NCAP-M8	NUT CAP-08mm	78
7	FW-M8	M8x16mm FLAT WASHER S/S - DIN 125	54
8	NY-M8	M8 NYLOC NUT S/S	42
9	HEX-M8x20	M8x20 HEX BOLT S/S	42
10	SQN-M8x30	M8x30 CUP SQ BOLT S/S	12
11	ELAS-BAND-14	ELASTIC BAND NO.6	6

Installation Instructions

Canopy Fitment – Tools, Fasteners & Hardware

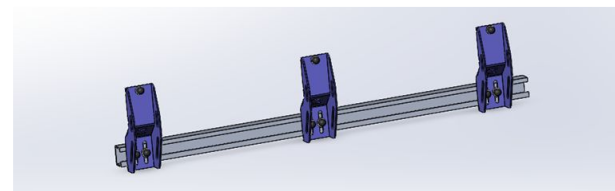
8.1

Mounting Brackets Fitment: With Mounting Rail



If your vehicle comes with a mounting rail then the fitment is as follows:

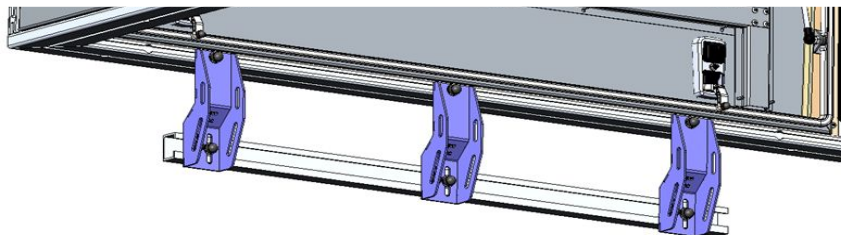
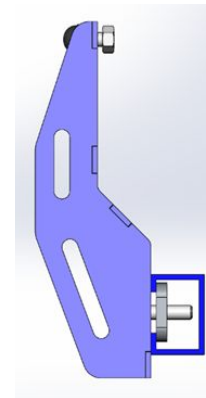
Fit 3 off mounting bracket set on either side of load bin to the pre fitted rail as shown above. Insert nut plate of bracket set into rail and bolt the bracket onto it



Fit top bolt of bracket into base frame load bar as shown below.

Do the same for the opposite side.

The image below illustrates what the mounting brackets should look like if they are mounted using the OEM Unitrax rail



Installation Instructions

Canopy Fitment – Tools, Fasteners & Hardware

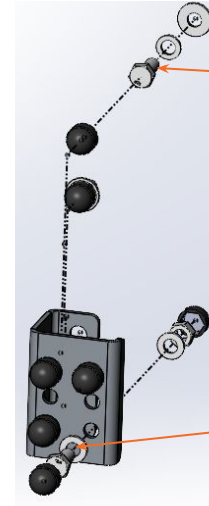
8.2

Mounting Brackets Fitment: Without Mounting Rail

The kit includes a set of six unitrax spacer brackets should the model of vehicle not have a unitrax mounting rail.

An important note for using the unitrax spacer brackets is the inclusion of shorter bolts.

In some applications the customer may choose to rubber line the load bin, the rubber lining needs to be removed before brackets can be fastened to the load bin.



Bolts for fastening spacer to load bin

Shorter Bolts for fastening mounting brackets

Remove Plastic Cap in order to expose threaded hole

Installation Instructions

Canopy Fitment – Tools, Fasteners & Hardware

8.3

Mounting Brackets Fitment: Without Mounting Rail

With the threaded holes exposed the unitrax spacer brackets can be mounted to the bin.

Install the mounting brackets to the unitrax spacer bracket and fasten them to the canopy using the standard fasteners.



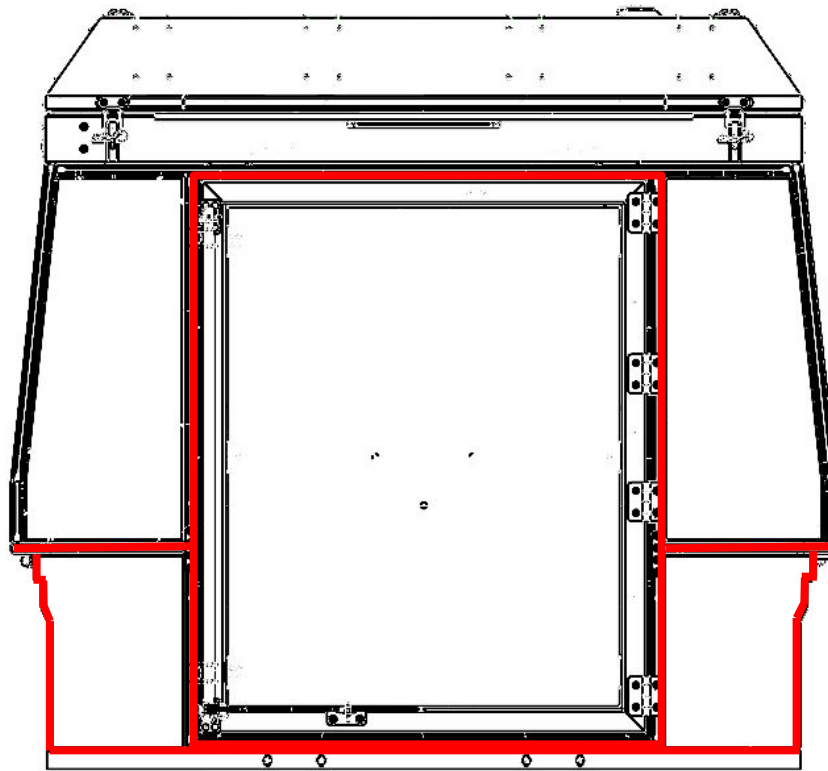
Installation Instructions

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Sealing canopy to base:

Use Sikaflex where there are shut / joining lines between parts that are not welded

Red line indicate when Sikaflex needs to be applied to seal between assembled parts

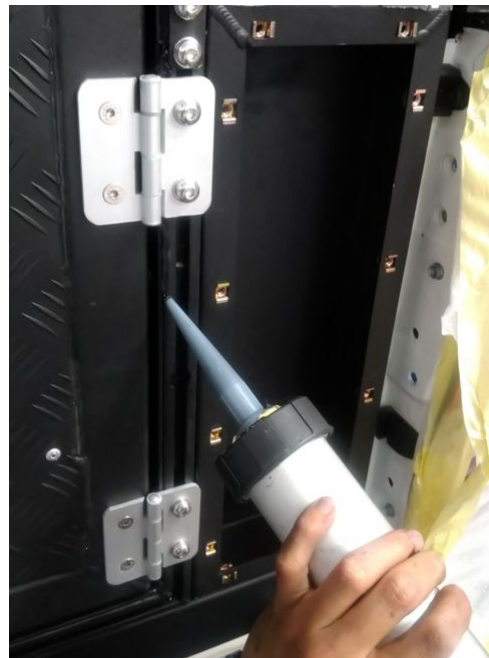


Installation Instructions

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Sealing canopy to base:

Use Sikaflex where there are shut / joining lines between parts that are not welded.



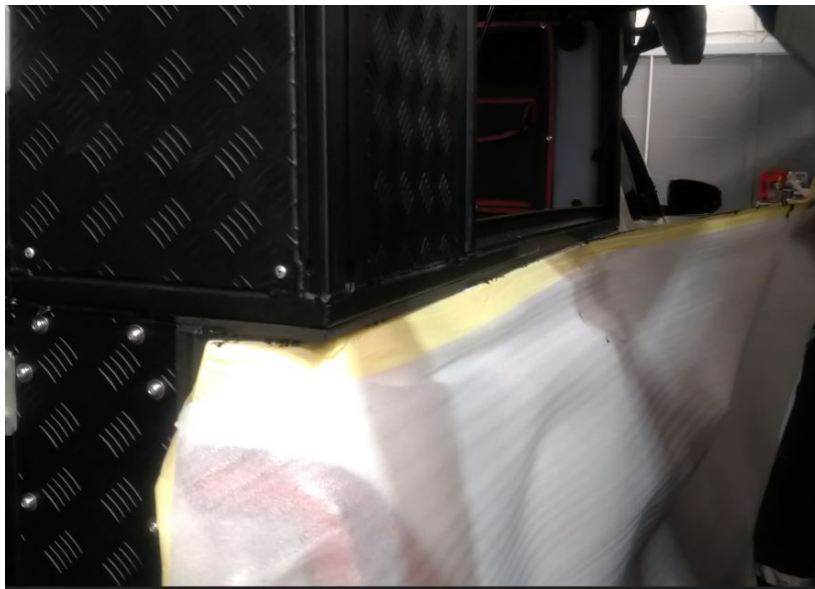
Dip one's finger into soapy water and smooth over the sealant by gently running a finger over the bead.

Installation Instructions

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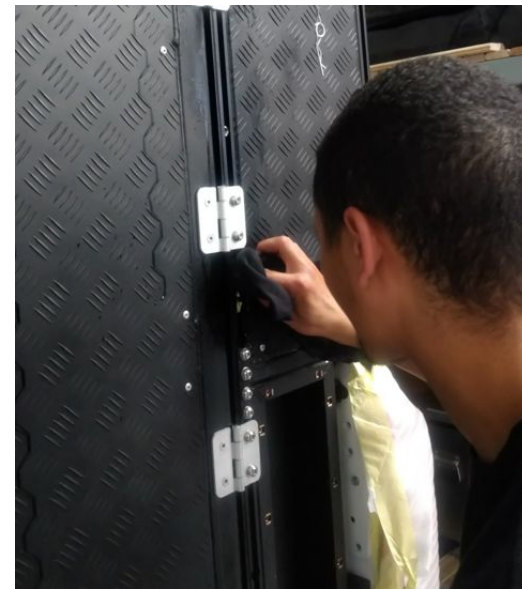
OPTIONAL Sealing canopy to vehicle body:

Use Sikaflex between the Canopy Camper and the vehicle body



Ensure that the rest of the vehicle is covered against any extra sealant or spillage when sealing the canopy camper to the vehicle's body.

NOTE: This step is only done at the customer's approval.



Use Turpentine and a cloth to clean away any extra sealant or mess

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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.

WARNING

Always wear appropriate PPE (Personal protection equipment) when fitting our products. 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.

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