



FITMENT INSTRUCTIONS

Fitment Instruction - ModCAP Canopy Flat Roof - Fixed

Installation Instructions

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

Installation Instructions

ModCAP Canopy Flat Roof - Fixed

1

How to use this guide

The following guide uses the **CC2-BO-FSS-BASE** to demonstrate fitment.

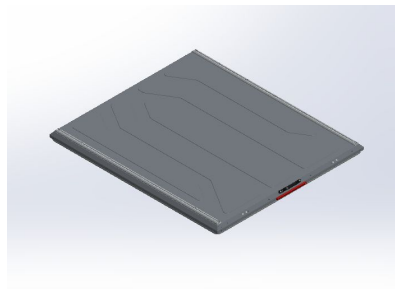
This guide can also be used for the following:

1. CC2-BO-FSL
2. CC2-BO-DC
3. CC2-BO-XC

There are **2** main items required for this guide:

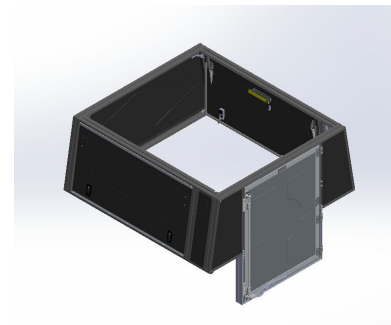
A

CC2-A-BO-FSS-FR-FXD
OR
CC2-A-BO-FSL-FR-FXD
OR
CC2-A-BO-DC-FR-FXD
OR
CC2-A-BO-XC-FR-FXD



B

CC2-BO-FSS-BASE
OR
CC2-BO-FSL-BASE
OR
CC2-BO-DC-BASE
OR
CC2-BO-XC-BASE



Installation Instructions

ModCAP Canopy Flat Roof - Fixed

Tools & Items Required

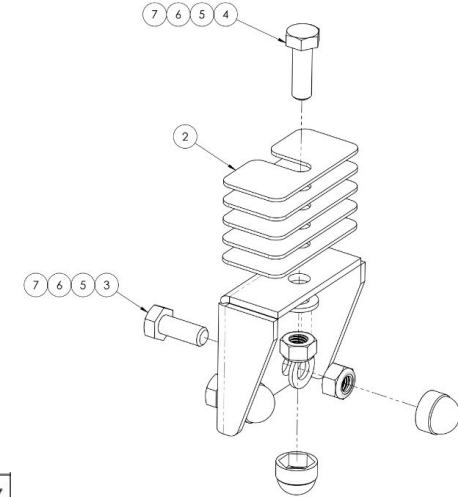
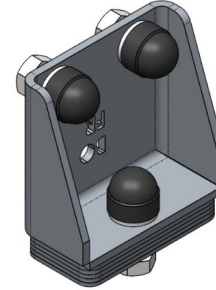
10mm Ring Spanner/Socket

13mm Ring Spanner/Socket

5mm Allen Key

Fasteners and Brackets Supplied per set

ITEM NO.	PART NUMBER	Revision	DESCRIPTION	QTY
1	CC-A-BO-FR-P016	00	CC BO FR MOUNTING BRACKET	1
2	AC001-STD-SHIM-02	00	SHIM PLATE 2	5
3	HEX-M8x20		M8x20 HEX BOLT S/S	2
4	HEX-M8x25		M8x25 HEX BOLT S/S	1
5	FW-M8		M8x16mm FLAT WASHER S/S - DIN 125	3
6	NY-M8		M8 NYLOC NUT S/S	3
7	NCAP-M8		NUT CAP-08mm	3

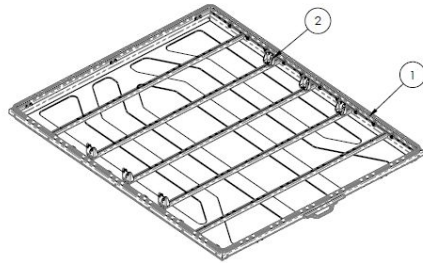


Installation Instructions

ModCAP Canopy Flat Roof - Fixed

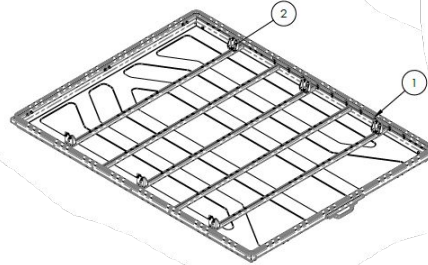
1.3

CC2-A-BO-FSS-FR-FXD
with 6 Sets of brackets



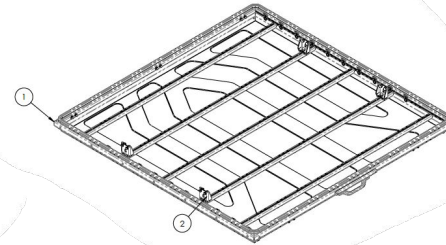
1.4

CC2-A-BO-FSL-FR-FXD
with 6 Sets of brackets



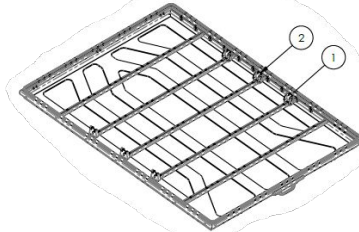
1.5

CC2-A-BO-DC-FR-FXD
with 4 Sets of brackets



1.6

CC2-A-BO-XC-FR-FXD
with 6 Sets of brackets



ITEM 1 – Flat roof - Fixed

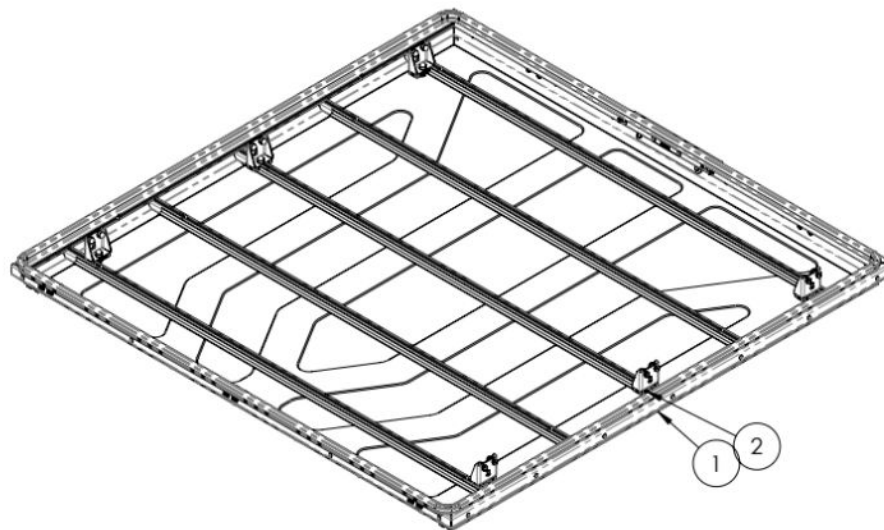
ITEM 2 – Mounting brackets

Installation Instructions

ModCAP Canopy Flat Roof - Fixed

1.6

CC2-A-BO-LCD-FR-FXD with 6 Sets of brackets



ITEM 1 – Flat roof - Fixed

ITEM 2 – Mounting brackets

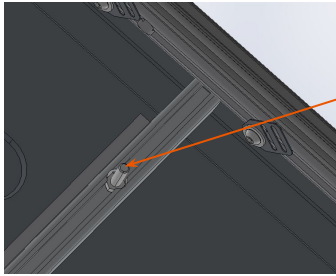
Installation Instructions

ModCAP Canopy Flat Roof - Fixed

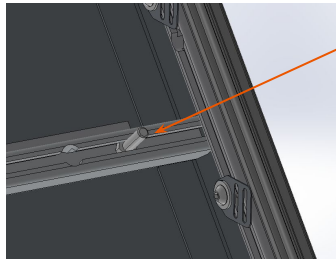
2.

MOUNTING THE BRACKETS TO THE FLAT ROOF- FIXED

2.1

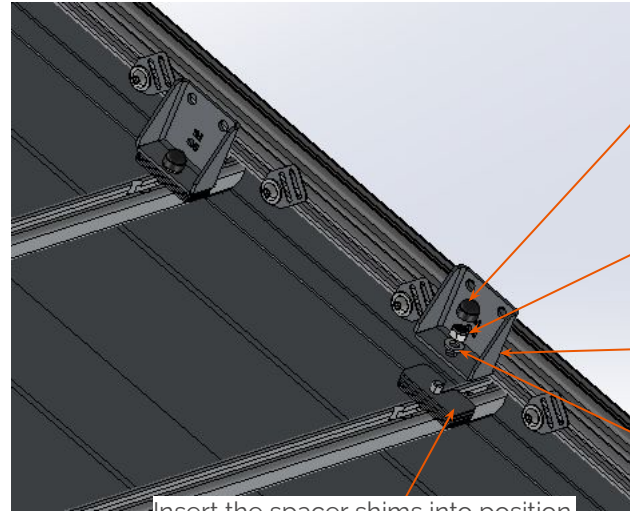


Insert the M8 hex bolt into the access hole.



Slide the M8 hex bolt to the side. The position will have to be adjusted once the roof is placed on the base.

2.2



M8 Nut cap

M8 Nyloc Nut

Mounting bracket fitted with spacer shims.

M8 Flat Washer

Insert the spacer shims into position.
Place it between the nut slot and mounting bracket.

Installation Instructions

ModCAP Canopy Flat Roof - Fixed

2.

MOUNTING THE BRACKETS TO THE FLAT ROOF

2.3



Repeat step 2.1 and 2.2 for all the other brackets.

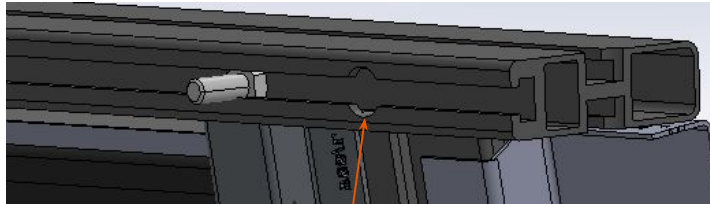
Installation Instructions

ModCAP Canopy Flat Roof - Fixed

3. MOUNTING THE FLAT ROOF TO THE BASE

3.1

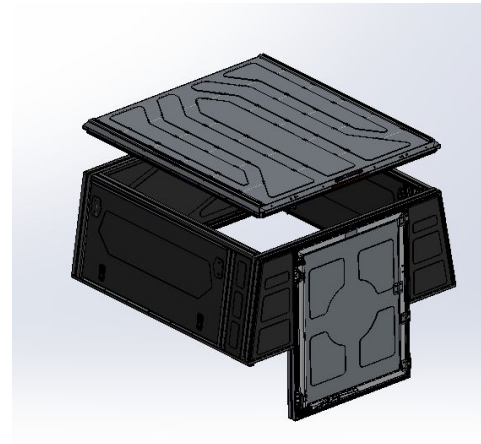
Make use of the Access holes to insert the M8 hex bolts and slide it into position.



Access holes.

3.2

Place the flat roof on top of the base so that the handle is positioned at the rear of the base.



Installation Instructions

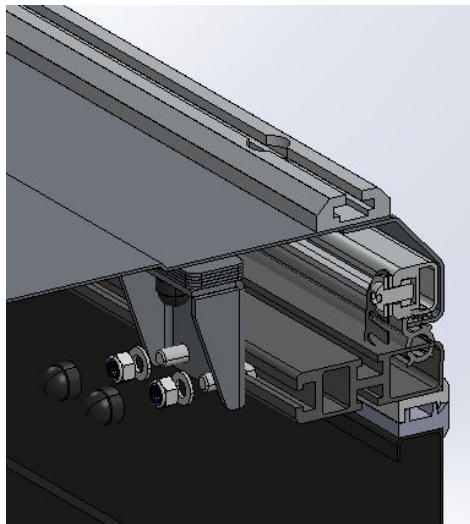
ModCAP Canopy Flat Roof - Fixed

3.

MOUNTING THE FIXED FLAT ROOF TO THE BASE

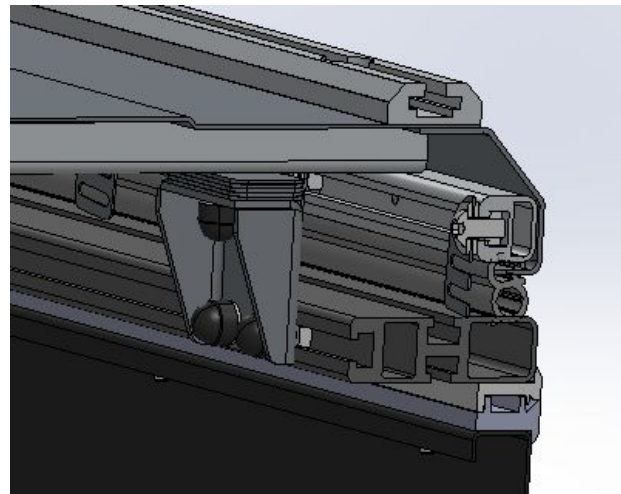
3.3

Shift the brackets up against the load bar with the bolts lined up.



3.4

Tighten all the bolts once the brackets are in position and finish off with putting on the nut caps.



Installation Instructions

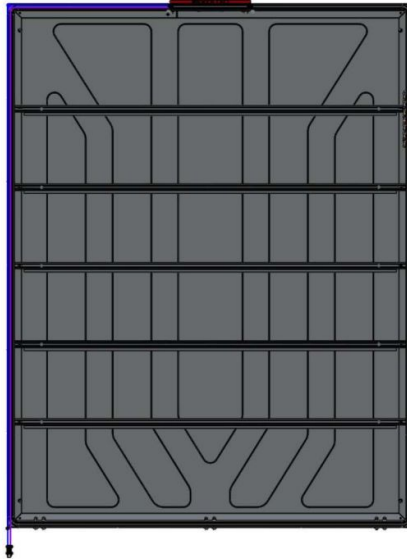
ModCAP Canopy Flat Roof - Fixed

4.

Installation of the Electrical Loom

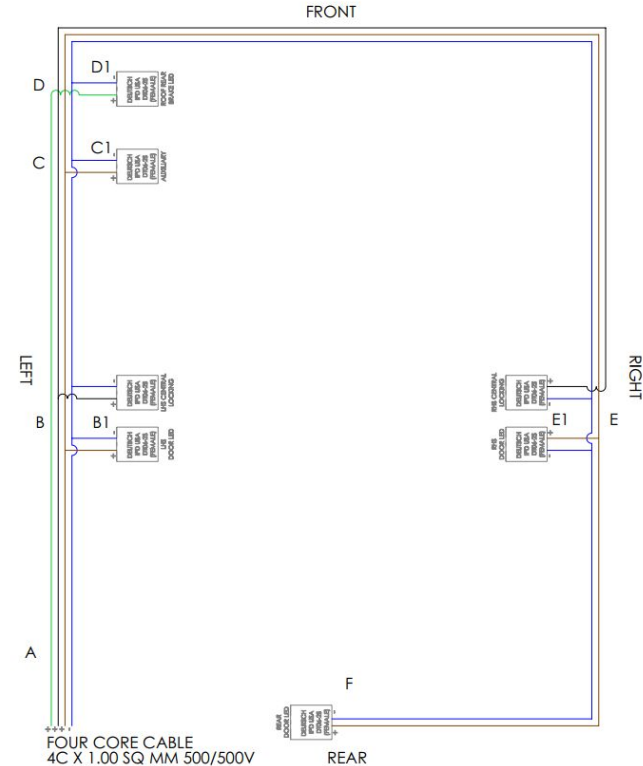
4.1.

GA Drawing of the Wiring Looms:



As fitted in Flat Roof (Brake Light Only)

Loose Supplied, to be fitted:



Installation Instructions

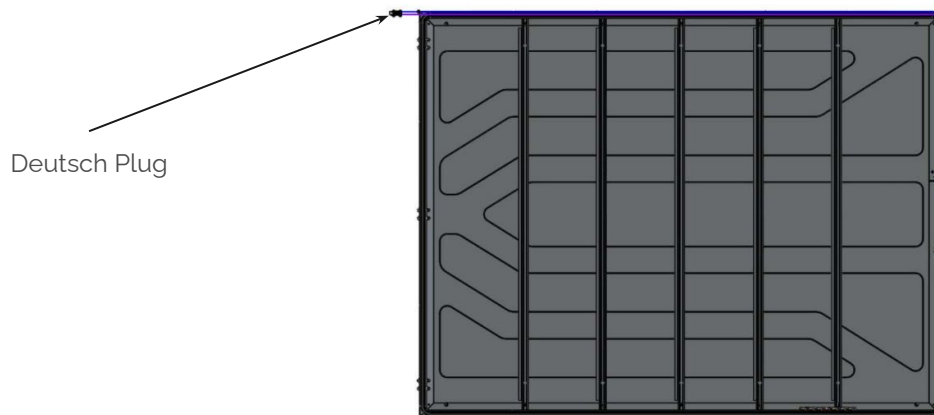
ModCAP Canopy Flat Roof - Fixed

4.

Installation of the Electrical Loom

4.1.

With the roof secured to the Mod Cap Base it is now possible to route the wiring. Note that the Fixed Roof comes with a brake light loom already installed. This will be routed to the front left corner of the fixed roof, and will terminate in a Deutsch plug.



Bottom view of supplied Fixed Roof

Installation Instructions

ModCAP Canopy Flat Roof - Fixed

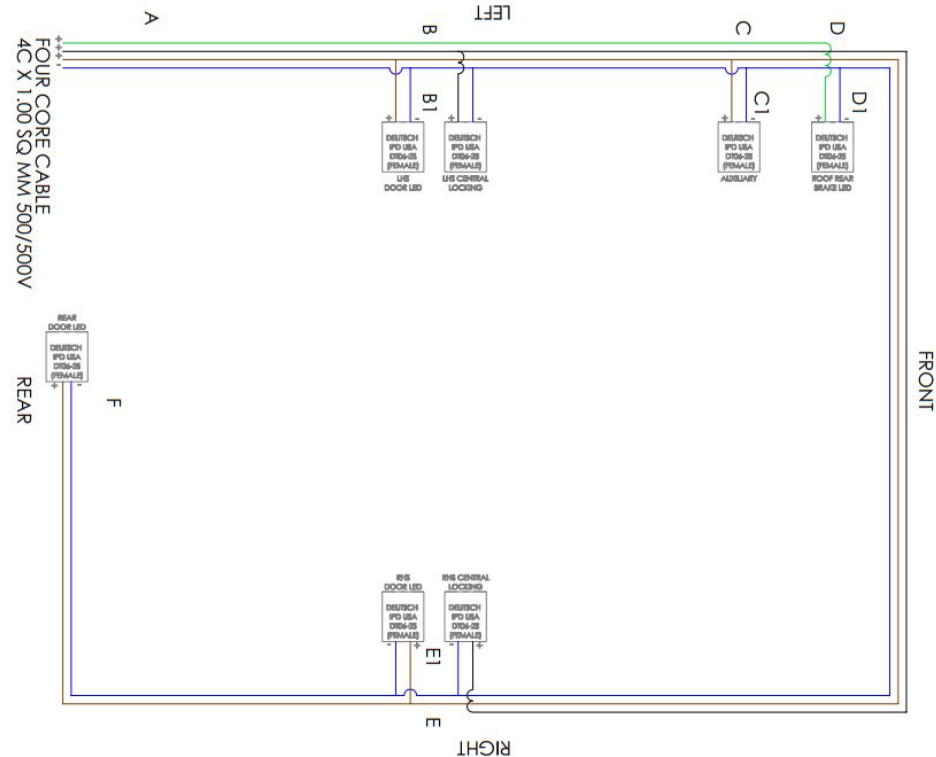
4.

Installation of the Electrical Loom

WIRE COLOUR	WIRE FUNCTION
BROWN	AUXILIARY (+)
BLACK	LED LIGHTS (+)
GREEN	ROOF BRAKE LIGHT (+)
BLUE	COMMON NEGATIVE (-)

4.2.

Lay the loose supplied loom on the floor and compare it to the General assembly drawing below. Take note of the wire colours and their application.



Installation Instructions

ModCAP Canopy Flat Roof - Fixed

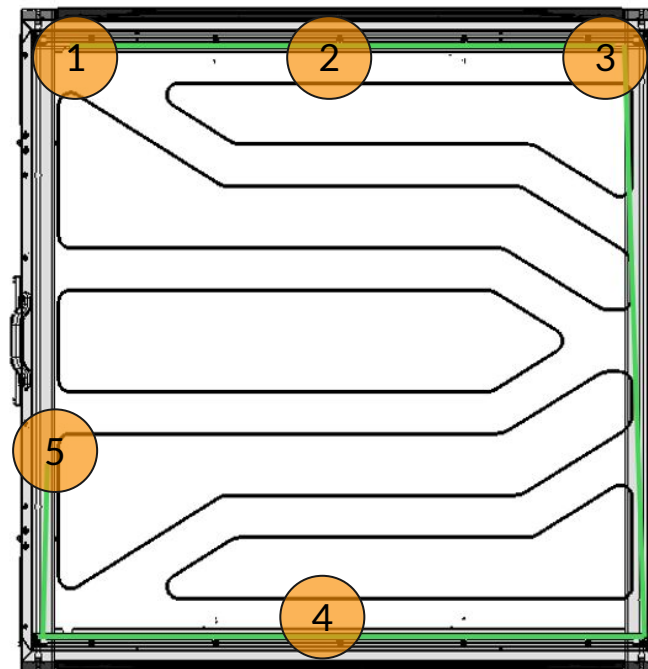
4.

Installation of the Electrical Loom

4.3.

Route the electrical Loom

1. Start left corner of the Mod Cap Base, note the halfmoon cutout is where the loom should hang down and tie into your vehicles electrics
2. Connect the Deutsch Plug with black and blue wire to LED light on side door
3. Connect the Deutsch Plug with green and blue wire to Roof Brake Light
4. Connect the Deutsch Plug with black and blue wire to LED light on side door
5. Connect the Deutsch Plug with black and blue wire to LED light on Rear Door



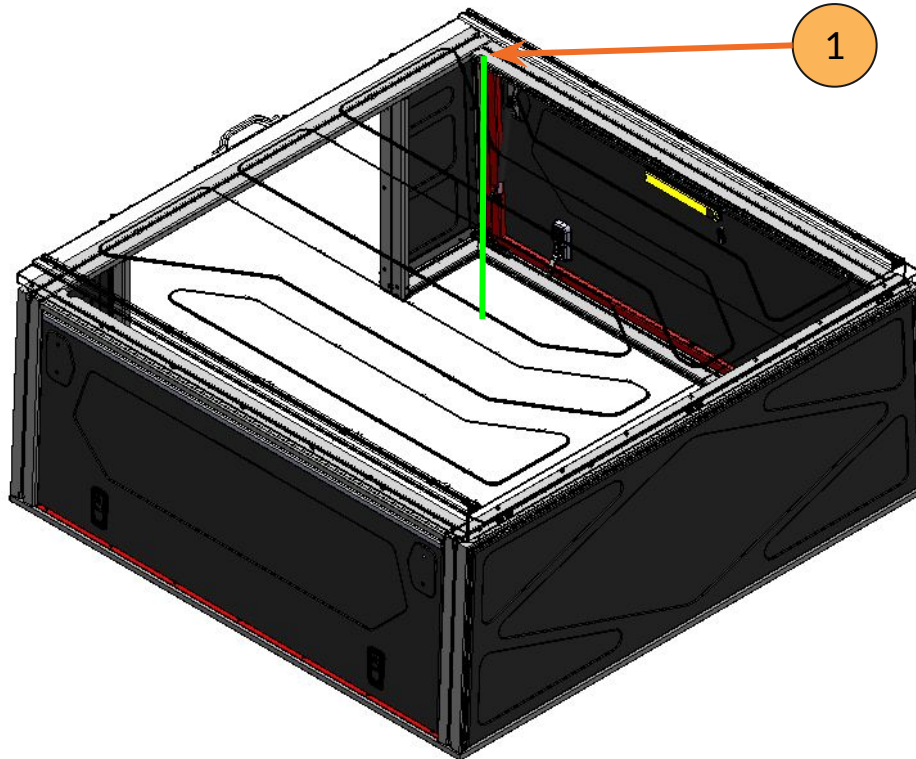
Installation Instructions

ModCAP Canopy Flat Roof - Fixed

4.

Installation of the Electrical Loom

4.3.



1

Halfmoon cutout in Mod Cap Base,
green line indicates wiring route.

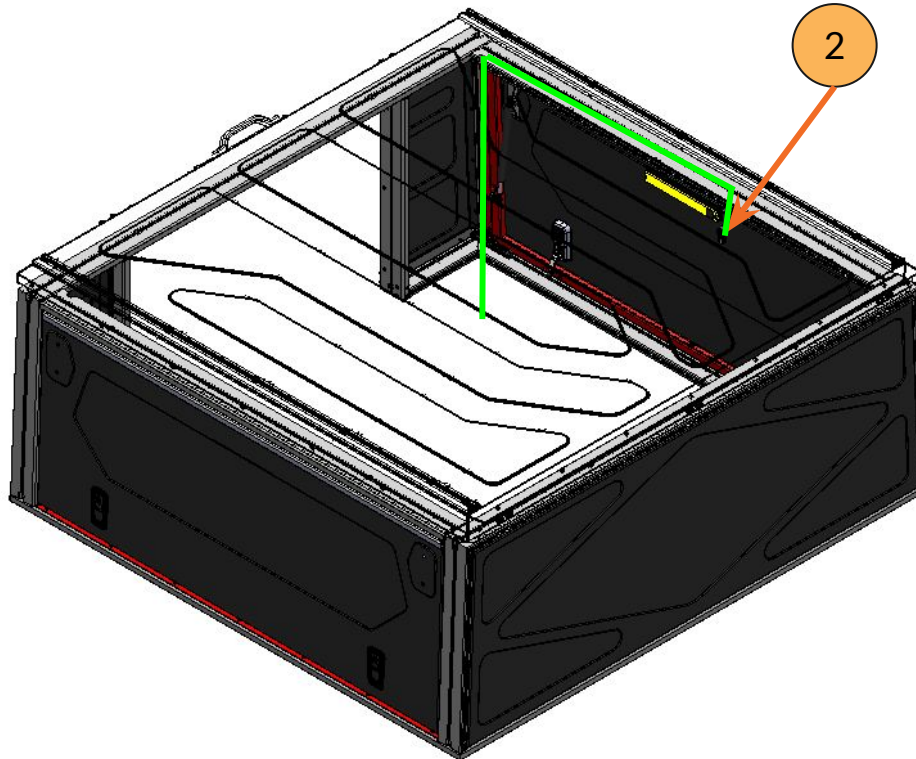
Installation Instructions

ModCAP Canopy Flat Roof - Fixed

4.

Installation of the Electrical Loom

4.3.



2

Run wire along the top of the ModCAP bases load bar and behind any mounting brackets.

Tie into the deutsch plug for the light on the side door, black and blue wire deutsch plug.

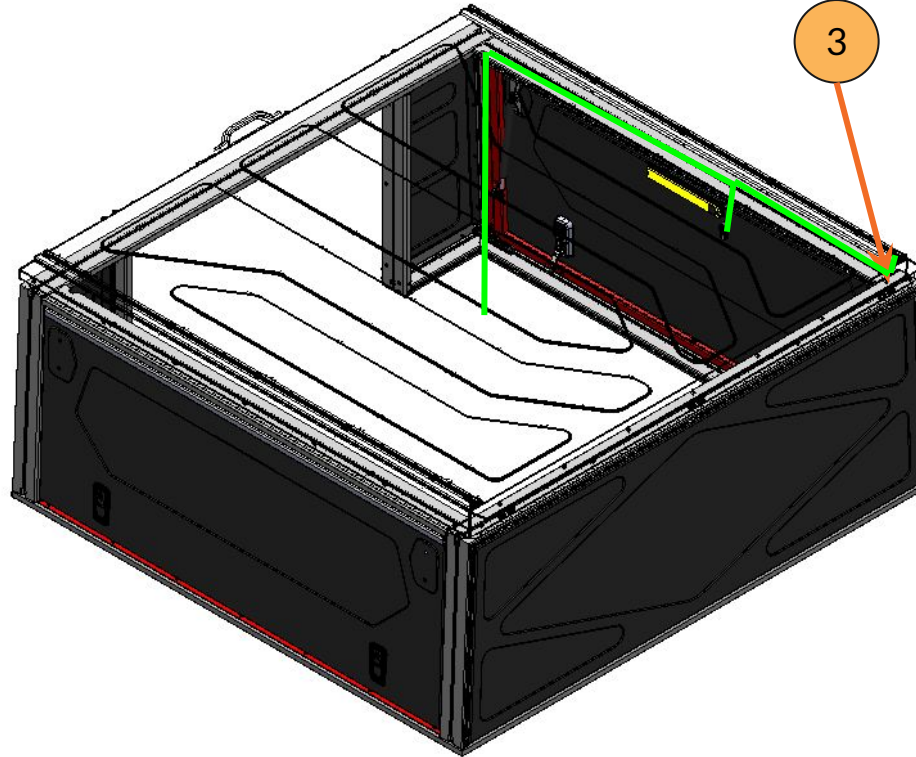
Installation Instructions

ModCAP Canopy Flat Roof - Fixed

4.

Installation of the Electrical Loom

4.3.



Continue routing the wire to the front left corner of the ModCAP canopy.

Tie into the deutsch plug for the brake light on the fixed roof. Green and blue wire deutsch plug

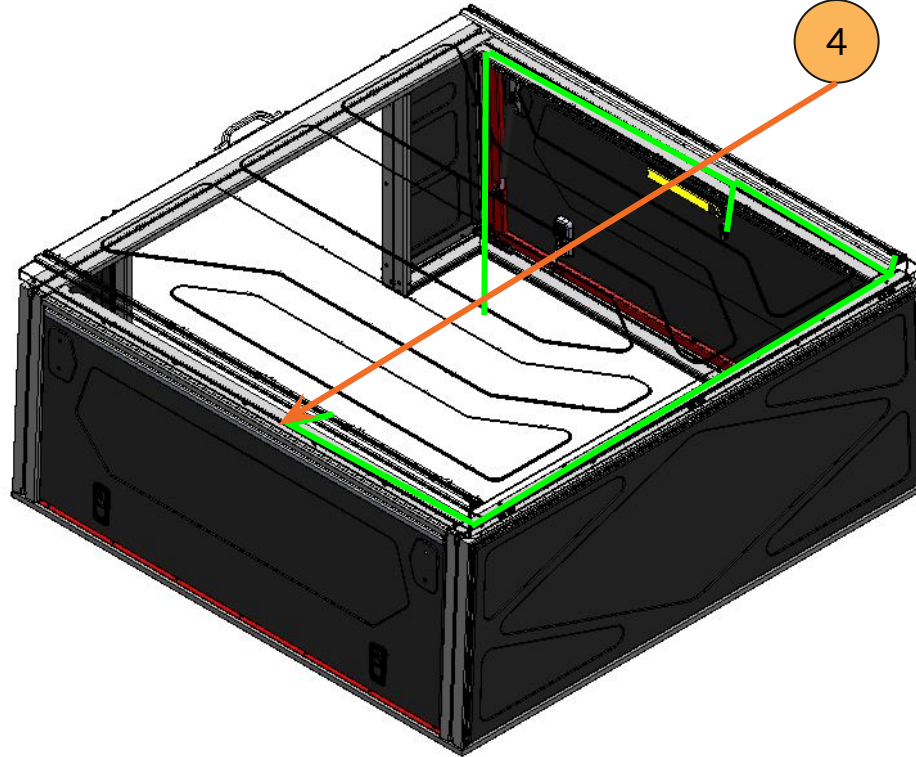
Installation Instructions

ModCAP Canopy Flat Roof - Fixed

4.

Installation of the Electrical Loom

4.3.



Continue routing the wire around the front of the base and back along the right side

Tie into the deutsch plug for the side door light on the ModCAP base. black and blue wire deutsch plug

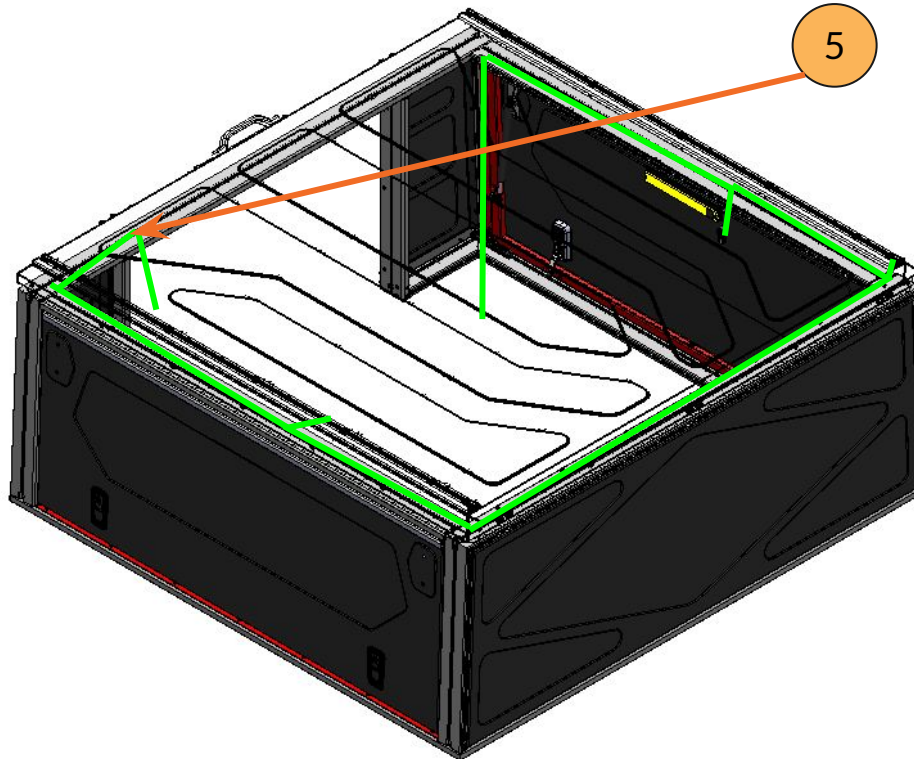
Installation Instructions

ModCAP Canopy Flat Roof - Fixed

4.

Installation of the Electrical Loom

4.3.



Continue routing the wire around the right side of the base and leave the end of the loom loose.

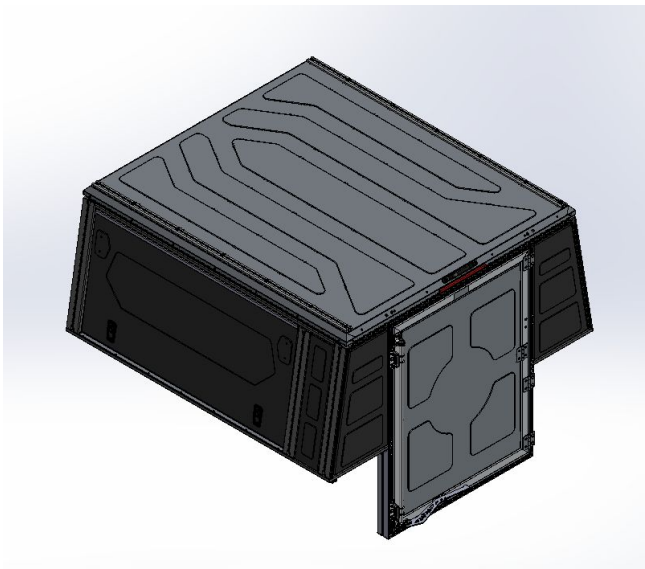
The deutsch plug located here (blue and black wire) will be used to tie into the light on the rear door, once the ModCAP Canopy has been installed to the vehicle

Installation Instructions

Complete and ready to fit.

5.

Your ModCAP is now ready to fit to your vehicle. Follow the standard canopy mount instructions to complete your vehicle specific installation.



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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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