



FITMENT INSTRUCTIONS

FORD F250 2017 - 2023 6,5 FT Canopy 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

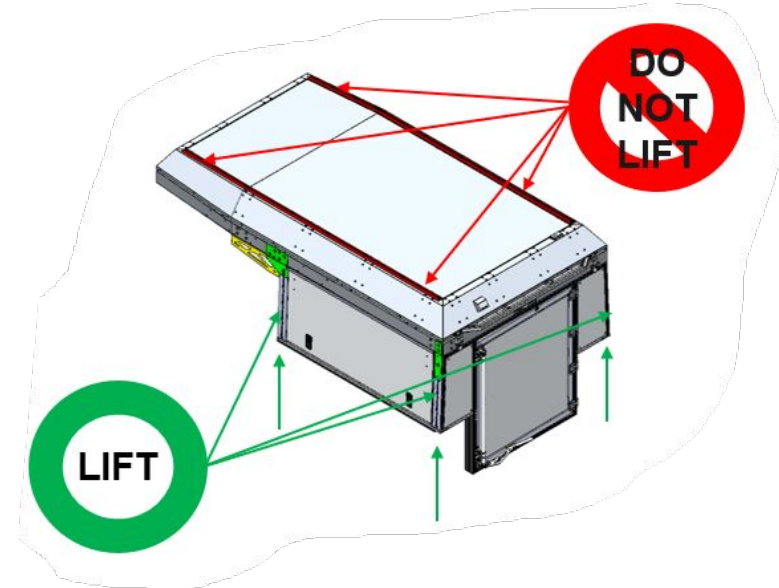
Do not attempt to lift, move, or suspend the canopy, canopy camper, or any related product using eyebolts, eye nuts, or any components attached to the cargo rails or roof accessory tracks.

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.



Service Enquiries email
queries@alu-cab.com

Installation Instructions

Canopy Camper Fitment – Tools, Fasteners & Hardware

1.1

Tools & Items Required

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

Items

Turpentine
Cloth
Black sealant, silicone or Sikaflex
Window Cleaner

1.3

1.2

Fasteners Supplied (included with Filler Kit)

12mm FLAT WASHER (ID - 13; OD - 24; T 2.3-2.7) DIN - 125	4
12mm FLAT WASHER (ID - 13; OD - 20; T 1.8 - 2.2) DIN - 433	4
M12 NYLOC NUT S/S	4
M12X40 HEX BOLT S/S	4
M8 HEX NUT S/S	8
M8 NYLOC NUT S/S	48
M8 SPRING WASHER S/S	8
M8x16mm FLAT WASHER S/S - DIN 125	39
M8x20 B/HD BOLT S/S	10
M8x20 HEX BOLT S/S	38
M8x20mm OVERSIZED WASHER S/S - DIN 9021	31
M8x30 HEX BOLT S/S	4
M8x80 HEX BOLT S/S	2
NCAP-ø8mm	58
NUT CAP-12mm	4

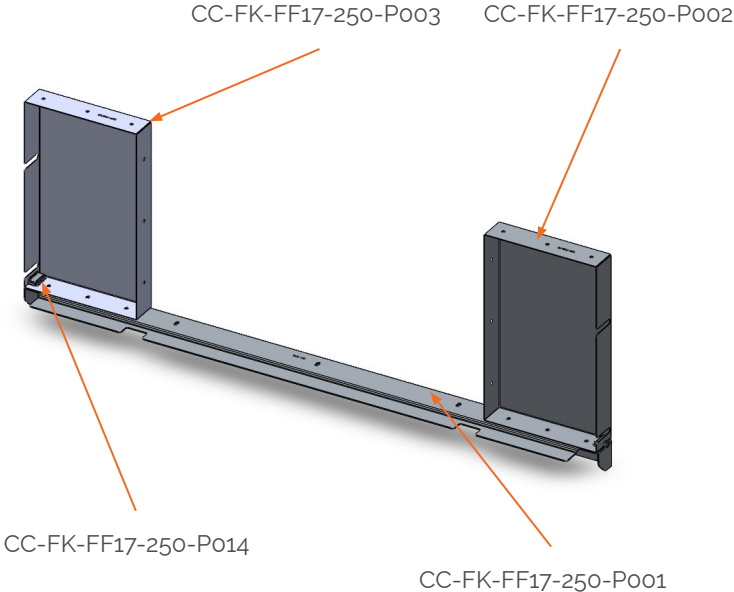
Installation Instructions

Canopy Camper Fitment – Tools, Fasteners & Hardware

1.4

Sheet Metal Part Identification: Rear Filler

Part Number	Description	Qty
CC-FK-FF17-250-P001	F250 REAR FILLER BOTTOM SUPPORT BRACKET	1
CC-FK-FF17-250-P002	F250 REAR FILLER LHS INNER BOX	1
CC-FK-FF17-250-P003	F250 REAR FILLER RHS INNER BOX	1
CC-FK-FF17-250-P014	F250 REAR FILLER PATCH BOX	2

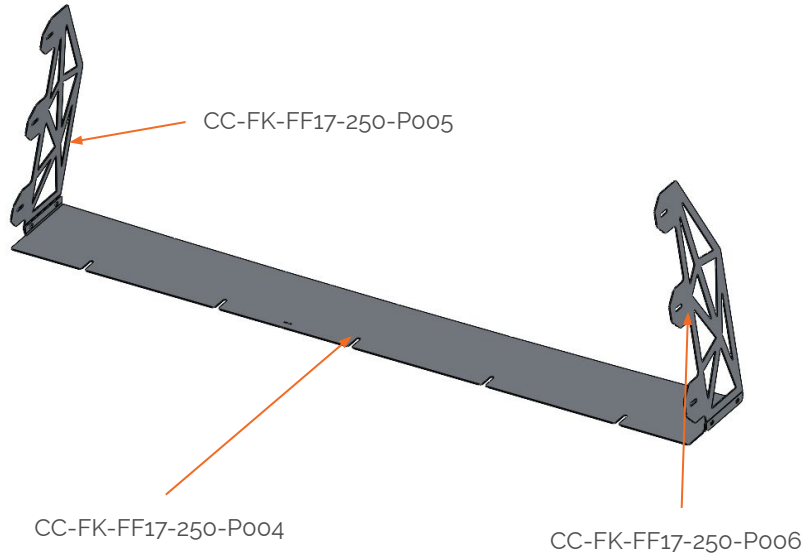


Installation Instructions

Canopy Camper Fitment – Tools, Fasteners & Hardware

1.4

Sheet Metal Part Identification: Front Filler



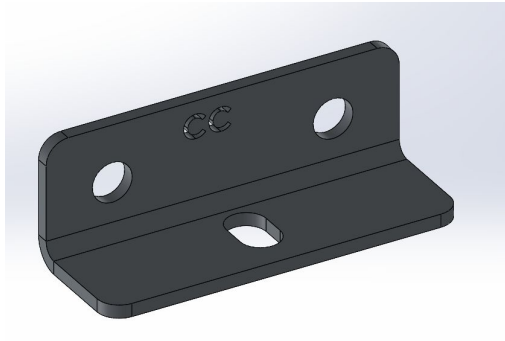
Part Number	Description	Qty
CC-FK-FF17-250-P004	F250 FRONT FILLER BOTTOM BRACKET	1
CC-FK-FF17-250-P005	F250 FRONT FILLER LHS BRACKET	1
CC-FK-FF17-250-P006	F250 FRONT FILLER RHS BRKT	1

Installation Instructions

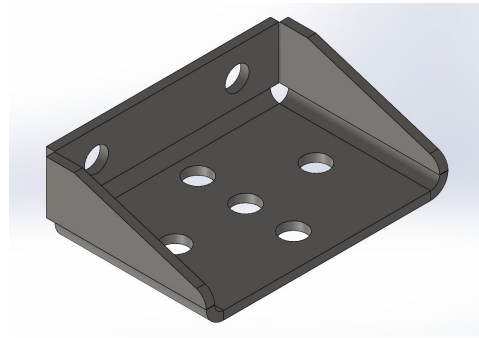
Canopy Camper Fitment – Tools, Fasteners & Hardware

1.4

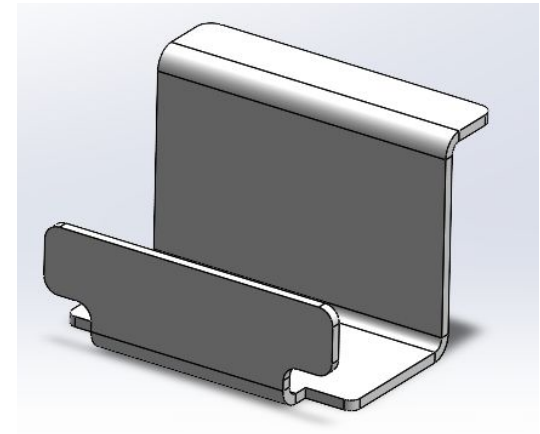
Sheet Metal Part Identification: Mounting Brackets



163-TLC-SID-MNT-BRKT-01
SIDE MOUNT BRACKET
QTY: 2 Off



AC001-CAN-MNT-BRKT-01
CANOPY MOUNTING BRACKET
QTY: 4 Off



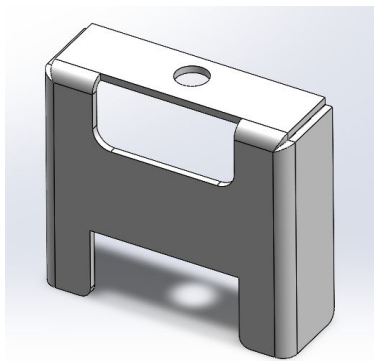
C2-FSU-MNT-P003
C2 FS CLAMP BRACKET
QTY: 2 Off

Installation Instructions

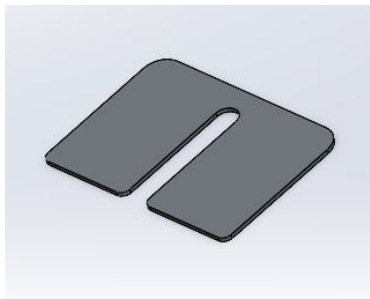
Canopy Camper Fitment – Tools, Fasteners & Hardware

Sheet Metal Part Identification: Mounting Brackets

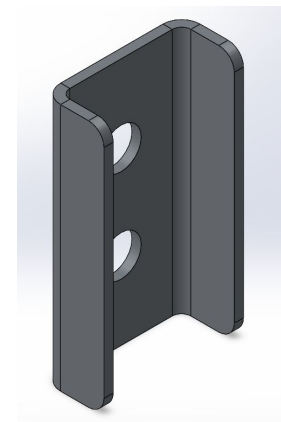
1.4



C2-FSU-MNT-P004
C2 FS SLIDE GUIDE BRKT
QTY: 2 Off



AC001-STD-SHIM-01
STANDARD SHIM 01
QTY: 20 Off



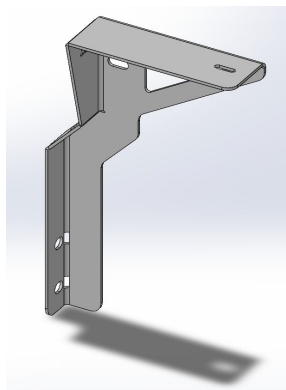
165-RAM-BCK-PLT-BND-01
BACKING PLATE FOR MOUNTING
QTY: 4 Off

Installation Instructions

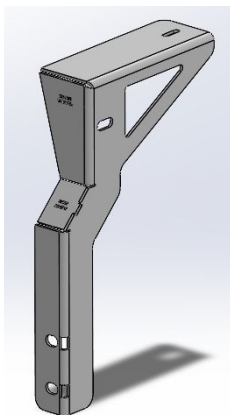
1.4

Canopy Camper Fitment – Tools, Fasteners & Hardware

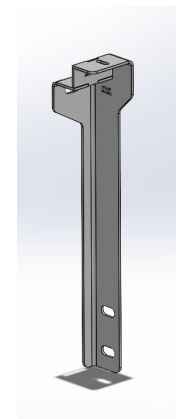
Sheet Metal Part Identification: Mounting Brackets



CC-FK-FF17-250-W001
F250 FRONT RHS WELDED
MOUNT BRACKET
QTY: 1 Off



CC-FK-FF17-250-W002
F250 FRONT LHS WELDED
MOUNT BRACKET
QTY: 1 Off



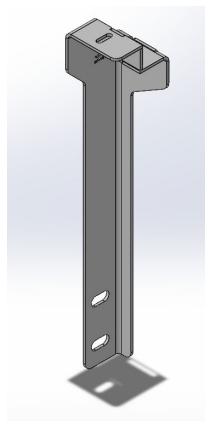
CC-FK-FF17-250-W003
F250 REAR RHS WELDED
MOUNT BRACKET
QTY: 1 Off

Installation Instructions

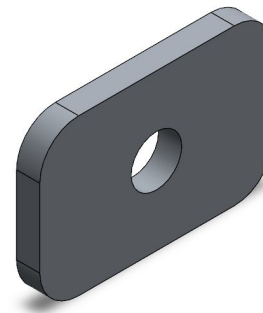
Canopy Camper Fitment – Tools, Fasteners & Hardware

Sheet Metal Part Identification: Mounting Brackets

1.4



CC-FK-FF17-250-W004
F250 REAR LHS WELDED
MOUNT BRACKET
QTY: 1 Off



CC-FK-FF17-250-P013
F250 MOUNTING BRACKET SPACER
QTY: 4 Off

Installation Instructions

2

Remove Tailgate:

The first step of the Canopy Camper installation process is removing the existing OEM tailgate.

Follow the instructions here: [F250 Tailgate Removal \(with Rear Camera\)](#)

Ensure that all the bolts indicated with orange circles are removed from the loadbin. The bolts indicated in green are for the taillights and will remain in position. The filler kit has been designed to fit around these bolts to allow the replacement of any taillight bulbs when necessary.

NOTE: There is a pair of bolts that are indicated as RED, these will be reused during the installation so please do not dispose of them.

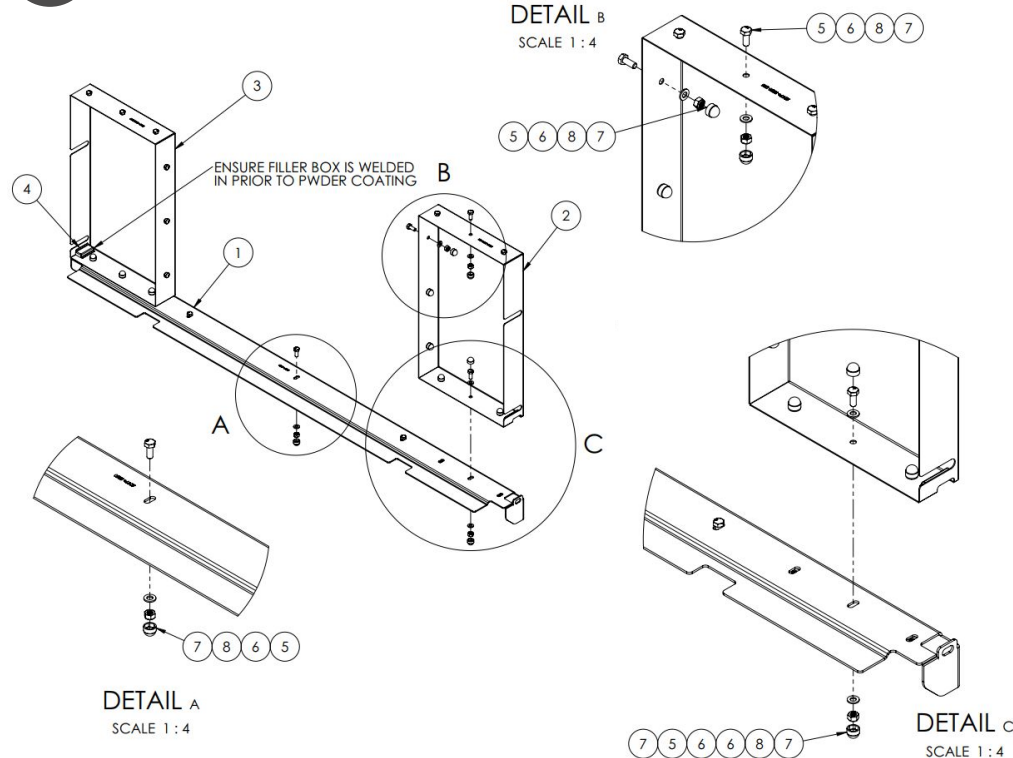


Bolt reused in
rear filler kit
installation

Installation Instructions

3

Rear Filler Panel Assembly:



Item Number	Part Number	Description	Qty
1	CC-FK-FF17-2 50-P001	F250 REAR FILLER BOTTOM SUPPORT BRACKET	1
2	CC-FK-FF17-2 50-P002	F250 REAR FILLER LHS INNER BOX	1
3	CC-FK-FF17-2 50-P003	F250 REAR FILLER RHS INNER BOX	1
4	CC-FK-FF17-2 50-P014	F250 REAR FILLER PATCH BOX	2
5	HEX-M8x20	M8x20 HEX BOLT S/S	21
6	FW-M8	M8x16mm FLAT WASHER S/S - DIN 125	27
7	NCAP-M8	NUT CAP-o8mm	27
8	NY-M8	M8 NYLOC NUT S/S	21

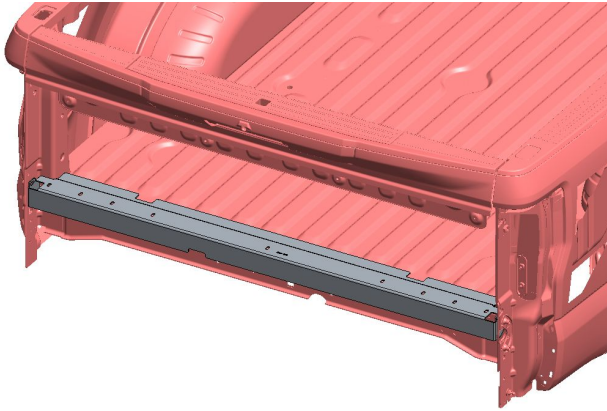
Installation Instructions

3

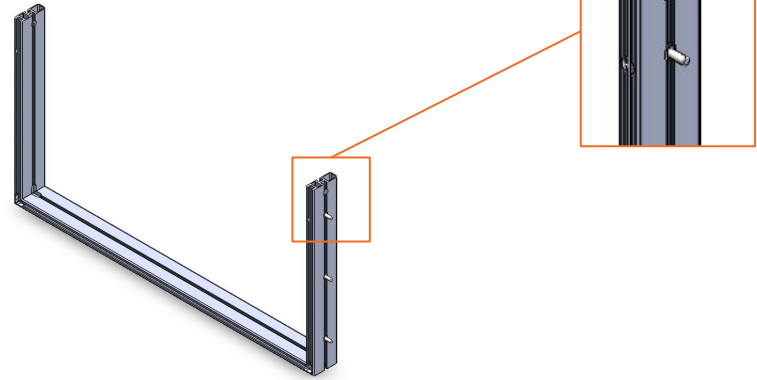
Rear Filler Panel Assembly:

1. Attach the F250 REAR FILLER BOTTOM SUPPORT BRACKET to the vehicle using the bolts that you kept separate (marked in red in previous slide).
2. Slide 3 M8x20 Hex Head Bolts into each vertical part of the lower door frame, repeat on LHS and RHS.

3.1



3.2



Installation Instructions

Rear Filler Panel Assembly:

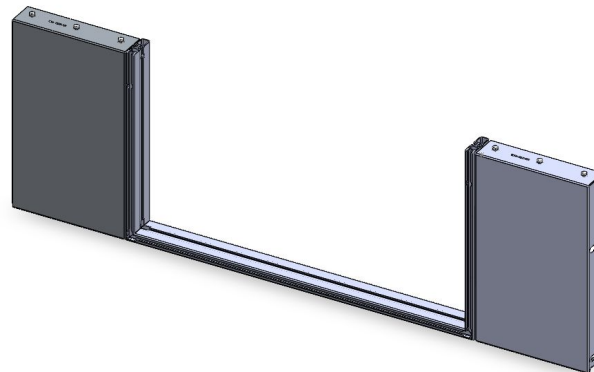
3

3. Slide 3 off M8x20 bolts into the bottom channel of the lower door frame.
4. Fit the REAR FILLER RHS & LHS INNER BOXES to the lower door frame by lining up the bolts in the lower door frame with the cutouts on the boxes. Fasten the inner boxes to the lower door frame using the supplied M8 flat washer, Nylock nut and nut cap.

3.3



3.4



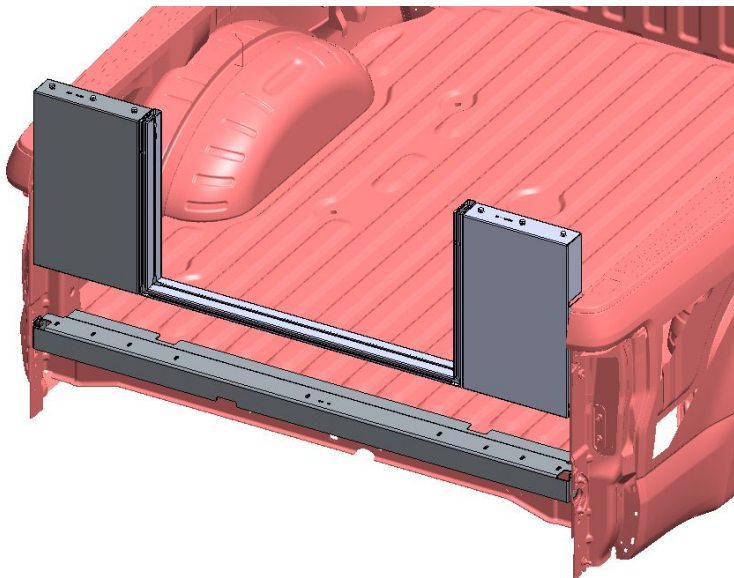
Installation Instructions

3

Rear Filler Panel Assembly:

5. Fit lower door frame and INNER BOXES to REAR FILLER BOTTOM SUPPORT BRACKET, use the supplied M8x20 hex head bolts, flat washers, nylock nuts and nut caps to secure the lower door frame in place.

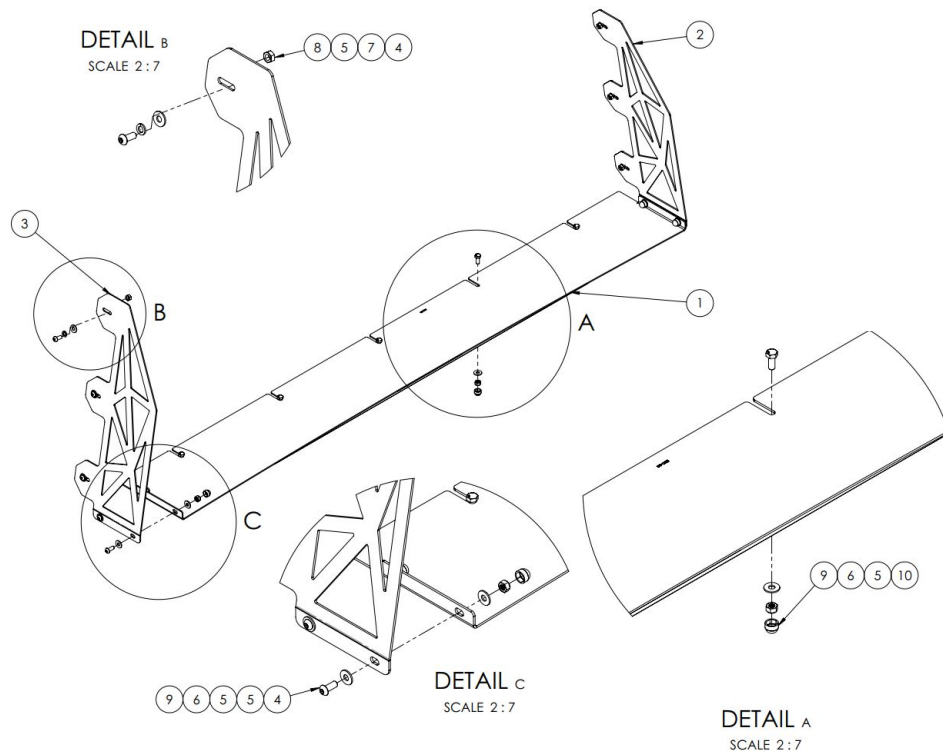
3.5



Installation Instructions

4

Front Filler Assembly:



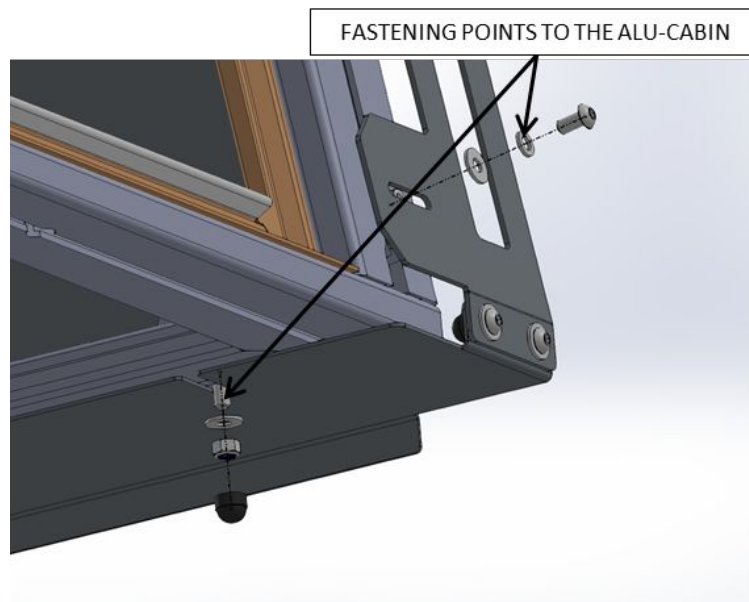
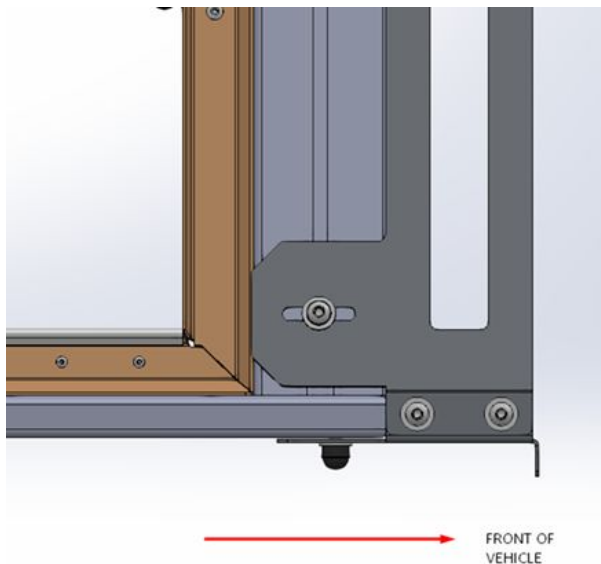
Item No.	Part Number	Description	Qty
1	CC-FK-FF17-250-A03	F250 FRONT FILLER BOTTOM BRACKET WELDED ASSEMBLY	1
2	CC-FK-FF17-250-P00 5	F250 FRONT FILLER LHS BRACKET	1
3	CC-FK-FF17-250-P00 6	F250 FRONT FILLER RHS BRKT	1
4	BHD-M8x20	M8x20 B/HD BOLT S/S	10
5	FFW-M8	M8x20mm OVERSIZED WASHER S/S - DIN 9021	19
6	NY-M8	M8 NYLOC NUT S/S	9
7	SW-M8	M8 SPRING WASHER S/S	6
8	NUT-M8	M8 HEX NUT S/S	6
9	NCAP-M8	NUT CAP-o8mm	9
10	HEX-M8x20	M8x20 HEX BOLT S/S	5

Installation Instructions

Front Filler Panels:

4.1

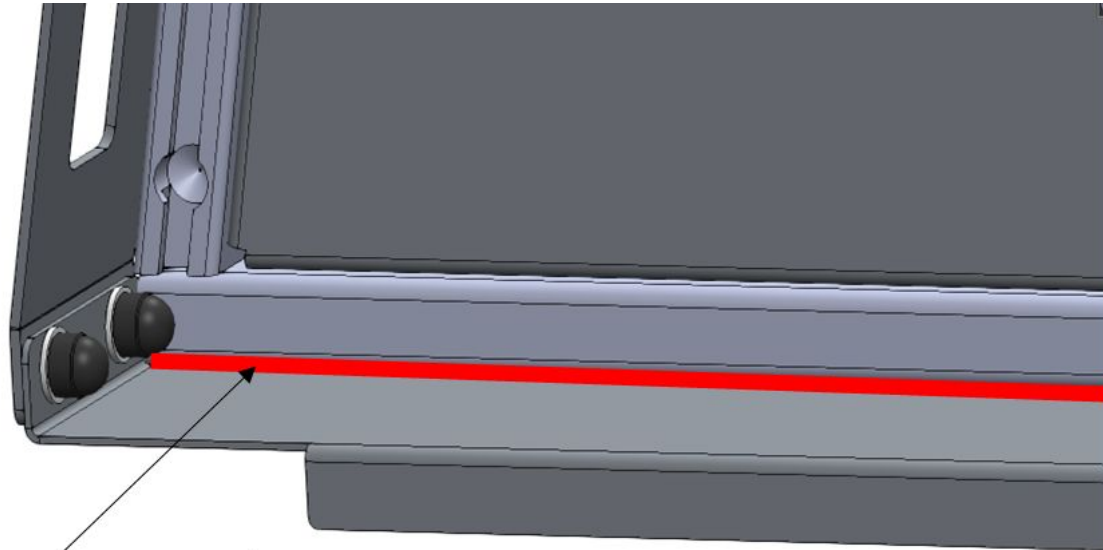
Mount Front filler by sliding supplied M8x20 hex head bolts into the Canopy Camper Front load bar, and fastening the front filler bottom bracket the the frame using the supplied M8 Nylock Nuts. Fit the side support brackets to the outside of the Canopy Camper using the supplied fasteners.



Installation Instructions

Front Filler Panels:

- 4.2 With everything fastened securely apply a bead of Black Sikaflex to seal the front filler panels.



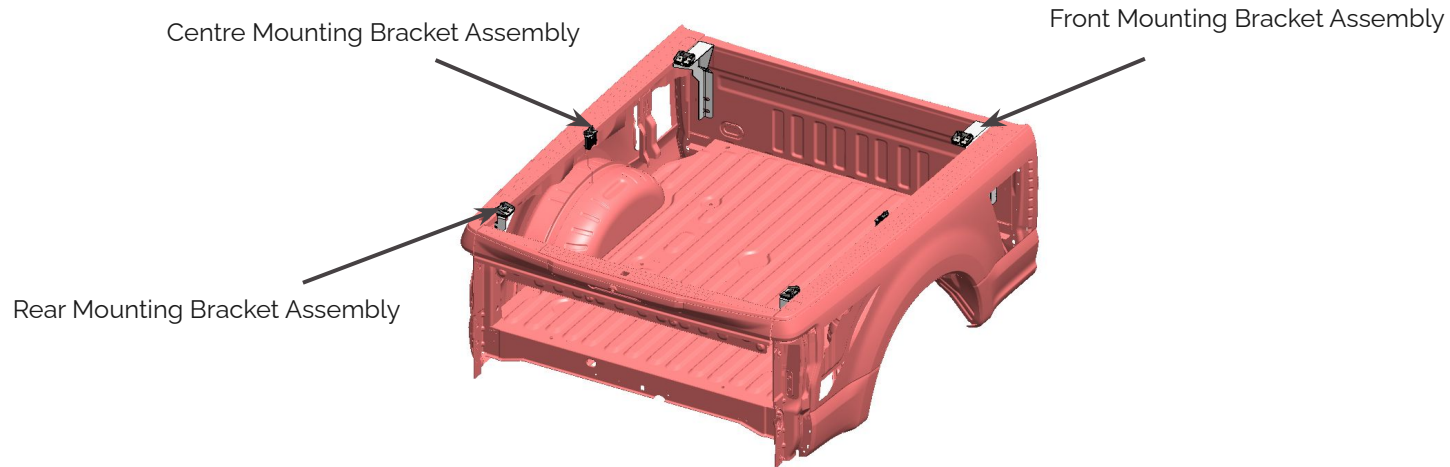
APPLY SICKAFELX TO SEAL ALONG
LENGTH OF THE FRONT FILLER
BRACKET

Installation Instructions

5

Mounting Brackets Setup:

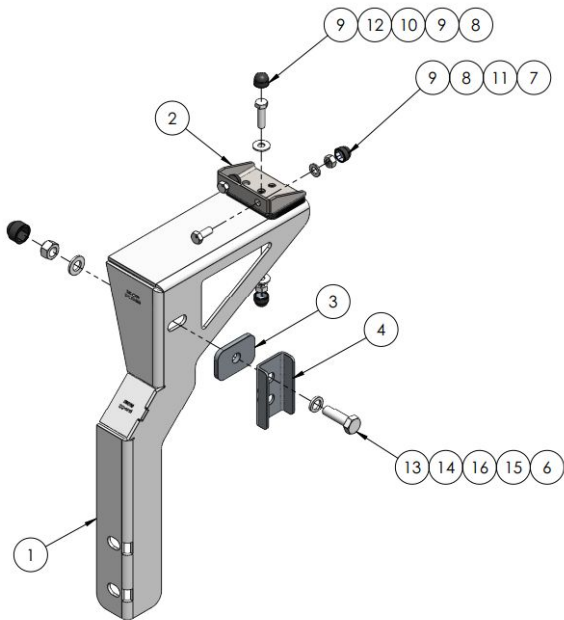
The Mounting kit of the F250 is made up of 6 different bracket sets. The Left and right sides are mirrors of each other so there are only 3 unique ways to install these brackets



Installation Instructions

5.1

Front Mounting Brackets Setup [LHS PICTURED]:



Item No.	Part Number	Description	Qty
1	CC-FK-FF17-250-W002	F250 FNT LHS WELDED MOUNT BRACKET	1
2	AC001-CAN-MNT-BRKT-01	CANOPY MOUNTING BRACKET	1
3	CC-FK-FF17-250-P013	F250 MOUNTING BRACKET SPACER	1
4	165-RAM-BCK-PLT-BND-01	BACKING PLATE FOR MOUNTING	1
5	AC001-STD-SHIM-01	STANDARD SHIM 01	5
6	NCAP-M12	NUT CAP-012mm	1
7	HEX-M8x20	M8x20 HEX BOLT S/S	2
8	NY-M8	M8 NYLOC NUT S/S	3
9	NCAP-M8	NUT CAP-08mm	4
10	FFW-M8	M8x20mm OVERSIZED WASHER	2
11	FW-M8	M8x16mm FLAT WASHER	2
12	HEX-M8x30	M8x30 HEX BOLT S/S	1
13	HEX-M12x40	M12x40 HEX BOLT S/S	1
14	FW-M12	12mm FLAT WASHER NORMAL	1
15	NY-M12	M12 NYLOC NUT S/S	1
16	FFW-M12	12mm FLAT WASHER LARGE	1

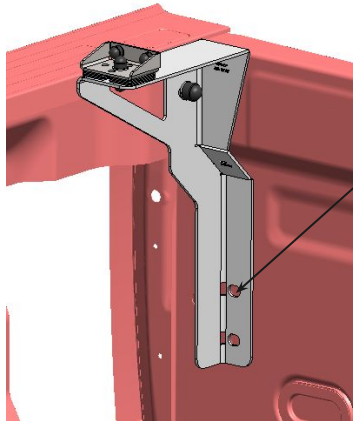
Installation Instructions

Front Mounting Brackets Setup:

5.1

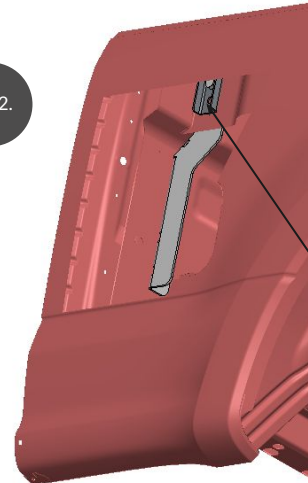
1. Remove the bolts that hold the tie down hooks in the front of the vehicle. Do this on the left and right side of the vehicle. Use the tie down bolts to fasten the bracket to the load bin using the same holes.
2. Locate the stake hole, remove the plastic capping and slide the backing plate in place

5.1.1.



Tie down points

5.1.2.



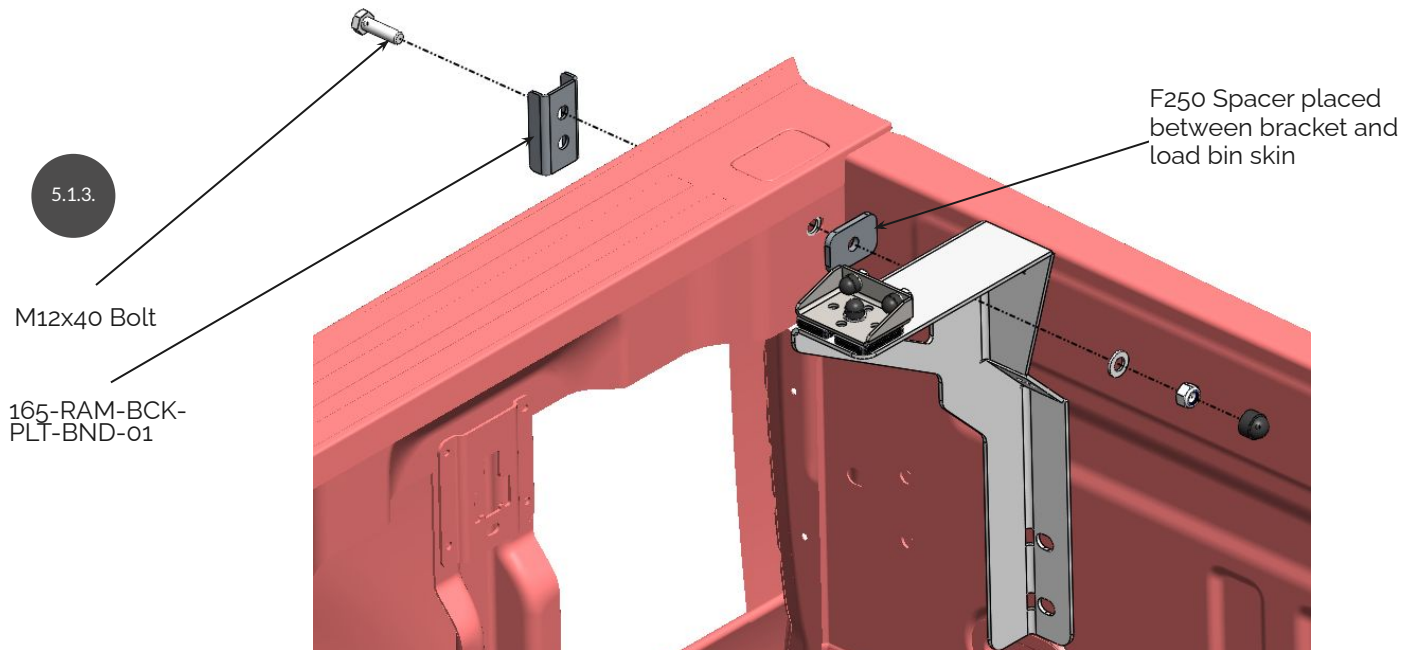
Backing plate, behind
the inner skin of the load
bin

Installation Instructions

Front Mounting Brackets Setup:

5.1

3. Slide the M12x40 bolt in place and fasten the brackets down using the **F250 Spacer**, nylock nut, washer and nut caps.



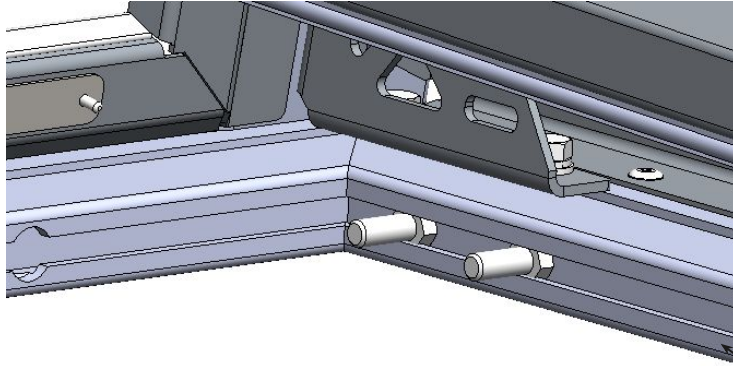
Installation Instructions

Front Mounting Brackets Setup:

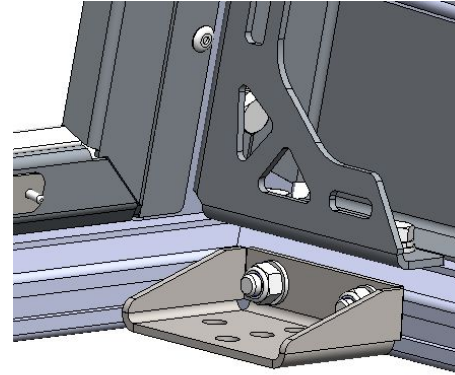
5.1

4. Slide 2 off M8x20 bolts into the front track of the Canopy Camper
5. Loosely fasten down the Top mount bracket using the supplied nylocks, washers and nut caps. Repeat on both sides of the camper

5.1.4.



5.1.5.

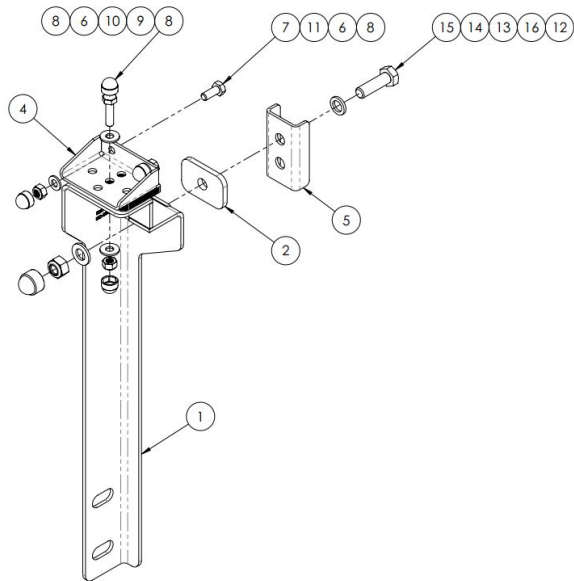


Front Rail of Canopy
Camper

Installation Instructions

5.2

Rear Mounting Brackets Setup [LHS PICTURED]:



Item No.	Part Number	Description	Qty
1	CC-FK-FF17-250-W004	F250 REAR LHS MOUNT BRACKET	1
2	CC-FK-FF17-250-P013	F250 MOUNTING BRACKET SPACER	1
3	AC001-STD-SHIM-01	STANDARD SHIM 01	5
4	AC001-CAN-MNT-BRKT-01	CANOPY MOUNTING BRACKET	1
5	165-RAM-BCK-PLT-BND-01	BACKING PLATE FOR MOUNTING	1
6	NY-M8	M8 NYLOC NUT S/S	3
7	HEX-M8x20	M8x20 HEX BOLT S/S	2
8	NCAP-M8	NUT CAP-o8mm	4
9	HEX-M8x30	M8x30 HEX BOLT S/S	1
10	FFW-M8	M8x20mm OVERSIZED WASHER	2
11	FW-M8	M8x16mm FLAT WASHER S/S - DIN 125	2
12	NCAP-M12	NUT CAP-o12mm	1
13	FFW-M12	12mm Oversized FLAT WASHER	1
14	FW-M12	12mm FLAT WASHER	1
15	HEX-M12x40	M12x40 HEX BOLT S/S	1
16	NY-M12	M12 NYLOC NUT S/S	1

Installation Instructions

Rear Mounting Brackets Setup:

5.2

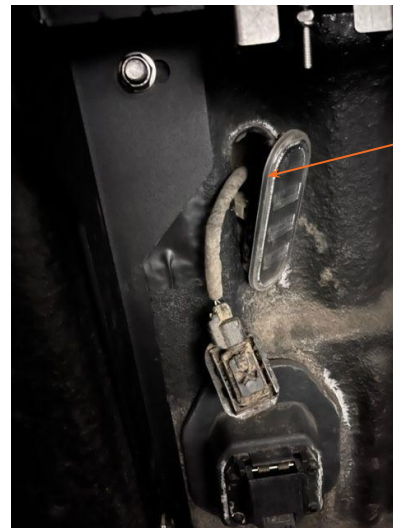
1. Remove the bolts that hold the tie down hooks in the rear of the vehicle. Do this on the left and right side of the vehicle. Use the tie down bolts to fasten the bracket to the load bin using the same holes.
2. Locate the stake hole, remove the plastic capping or the light and slide the backing plate [165-RAM-BCK-PLT-BND-01] in place.

5.2.1.



Remove tie down hooks and bolts

5.2.2.



Remove light capping to slide backing plate in place

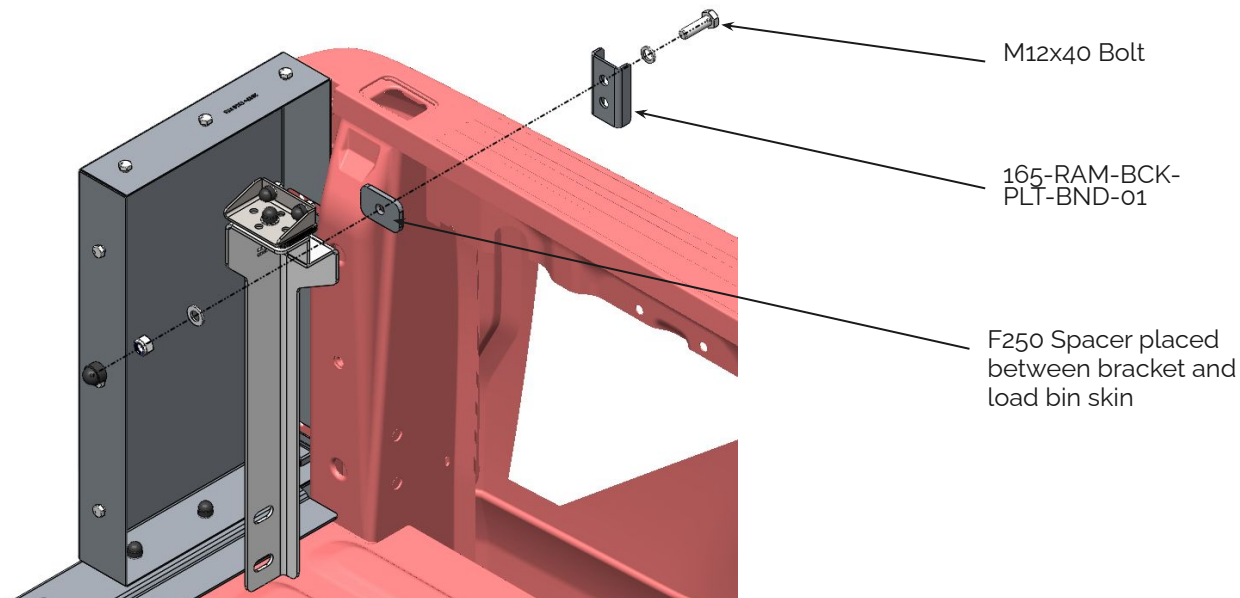
Installation Instructions

5.2

Rear Mounting Brackets Setup:

3. Slide the M12x40 bolt in place and fasten the brackets down using the **F250 Spacer**, nylock nut, washer and nut caps.

5.2.3.



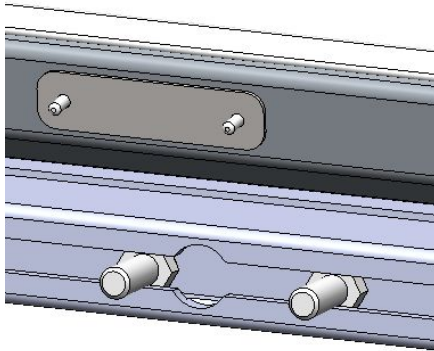
Installation Instructions

Rear Mounting Brackets Setup:

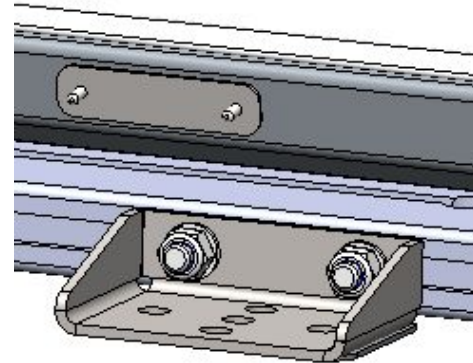
5.2

4. Slide 2 off M8x20 bolts into the front track of the Canopy Camper
5. Loosely fasten down the Top mount bracket using the supplied nylocks, washers and nut caps.
6. Repeat on both sides of the camper

5.2.4.



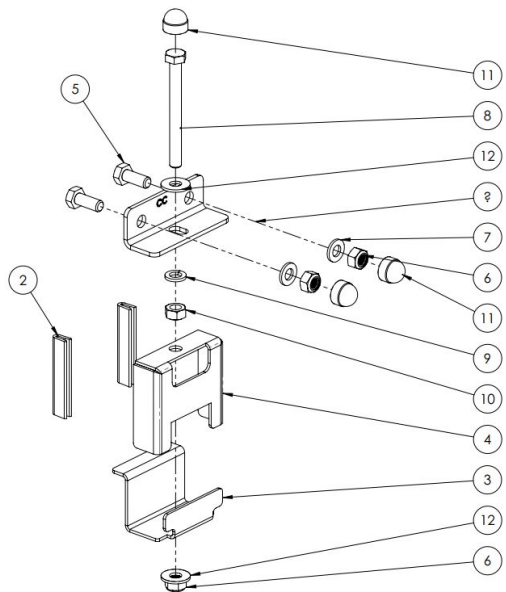
5.2.5.



Installation Instructions

5.3

Centre Mounting Brackets Setup:



Item No.	Part Number	Description	Qty
1	163-TLC-SID-MNT-BRKT-01	SIDE MOUNT BRACKET	1
2	CC-FK-FF17-250-RUB-P-(60mm)	PINCHWELD RUBBER 60MM LONG	2
3	C2-FSU-MNT-P003	C2 FS CLAMP BRACKET	1
4	C2-FSU-MNT-P004	C2 FS SLIDE GUIDE BRKT	1
5	HEX-M8x20	M8x20 HEX BOLT S/S	2
6	NY-M8	M8 NYLOC NUT S/S	3
7	FW-M8	M8x16mm FLAT WASHER	2
8	HEX-M8x80	M8x80 HEX BOLT S/S	1
9	SW-M8	M8 SPRING WASHER S/S	1
10	NUT-M8	M8 HEX NUT S/S	1
11	NCAP-M8	NUT CAP-o8mm	3
12	FFW-M8	M8x20mm OVERSIZED WASHER	2

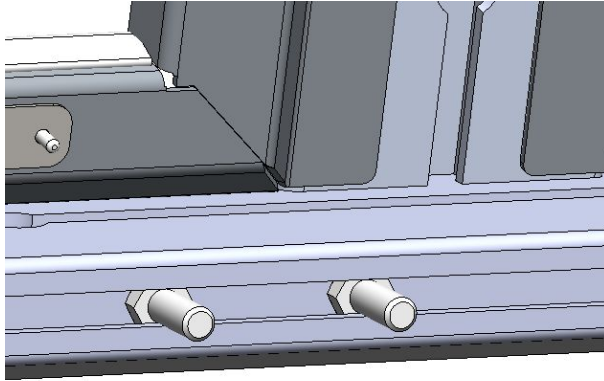
Installation Instructions

5.3

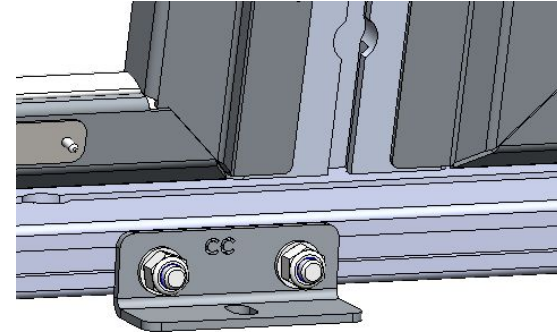
Centre Mounting Brackets Setup:

1. Slide 2 off M8x20 bolts into the front track of the Canopy Camper
2. Loosely fasten down the Top mount bracket using the supplied nylocks, washers and nut caps.
3. Repeat on both sides of the camper

5.3.1.



5.3.2.



Installation Instructions

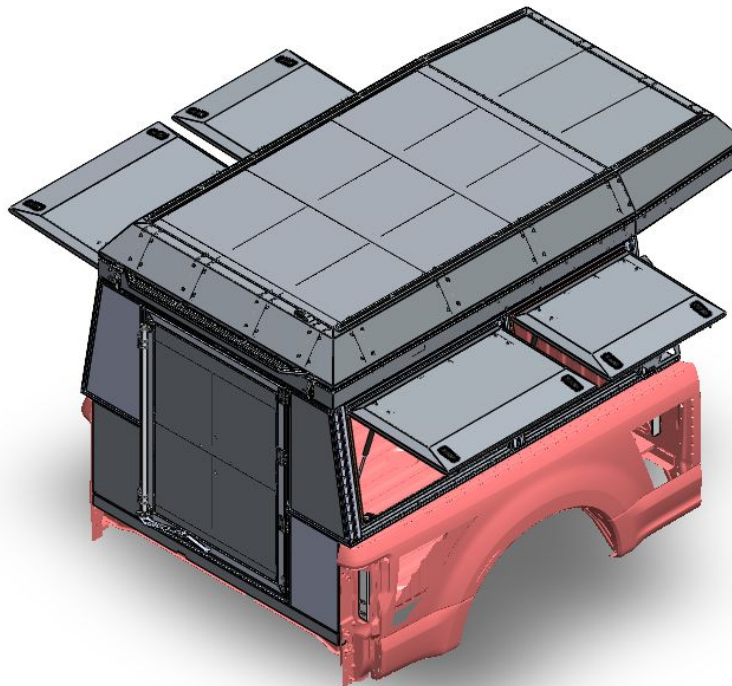
6.1

Install the EPDM Foam to the Canopy Camper:

Follow instructions here: [EPDM Foam for Canopy Campers Fitment Instruction](#)

Apply the foam so that it seals over the front filler as well.

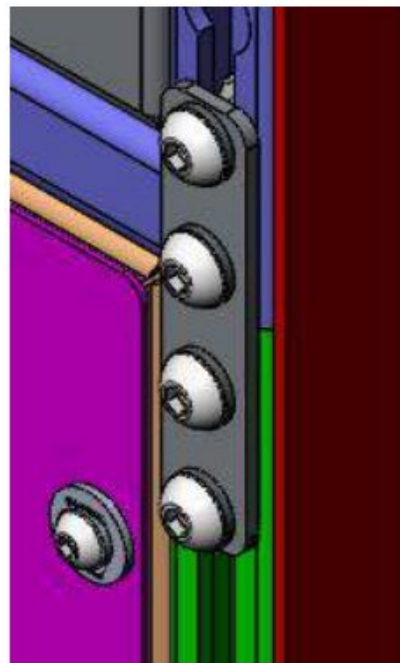
With the foam in place drop the Canopy Camper on to the load bin and align it so that it is centered.



Installation Instructions

7

Connect rear filler panel assembly and base unit as shown:

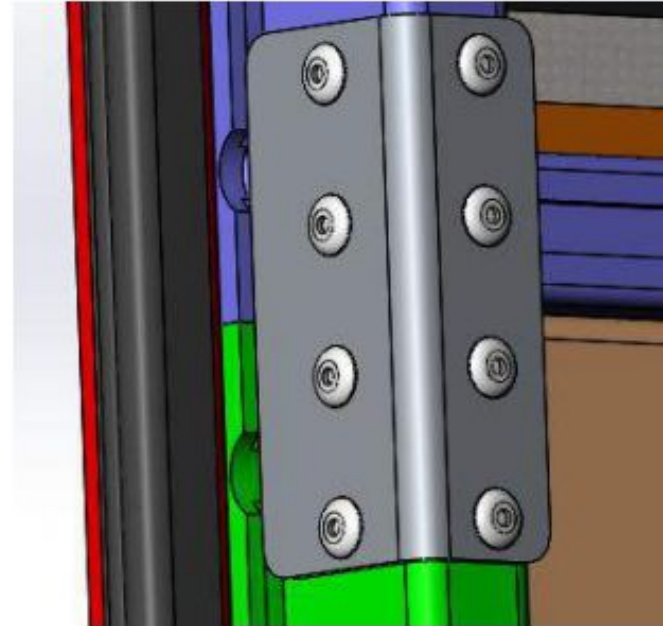
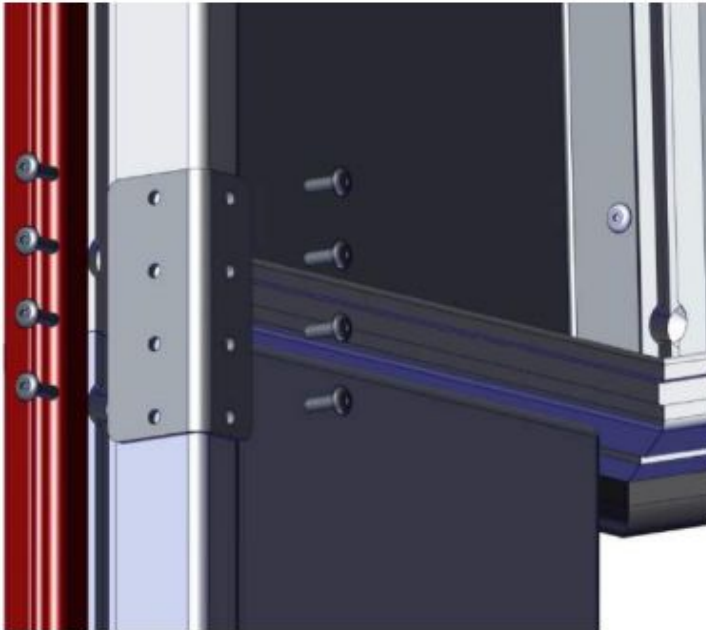


OUTER MOUNTING ON BOTH JOINTS

Installation Instructions

Connect rear filler panel assembly and base unit as shown:

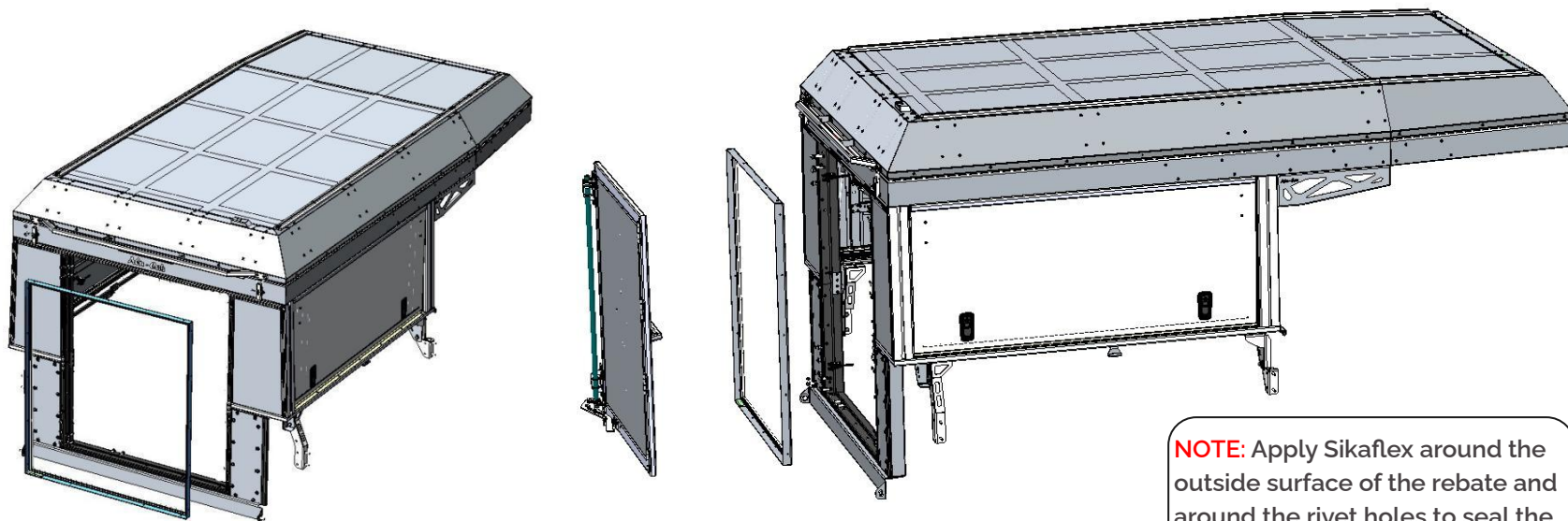
7.1



INNER MOUNTING ON BOTH JOINTS

Installation Instructions

- 8 **Rebate and Door Assembly:**
Fit rear door rebate with Ø4.8 x 15 sealed countersunk rivets as shown.

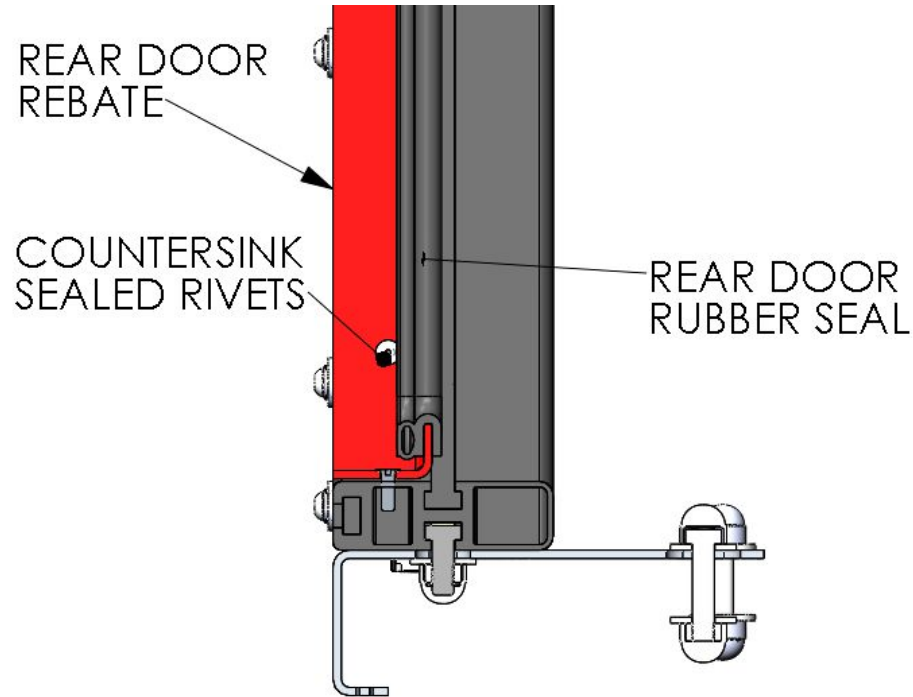


NOTE: Apply Sikaflex around the outside surface of the rebate and around the rivet holes to seal the rebate.

Installation Instructions

8.1

Rebate and Door Assembly:

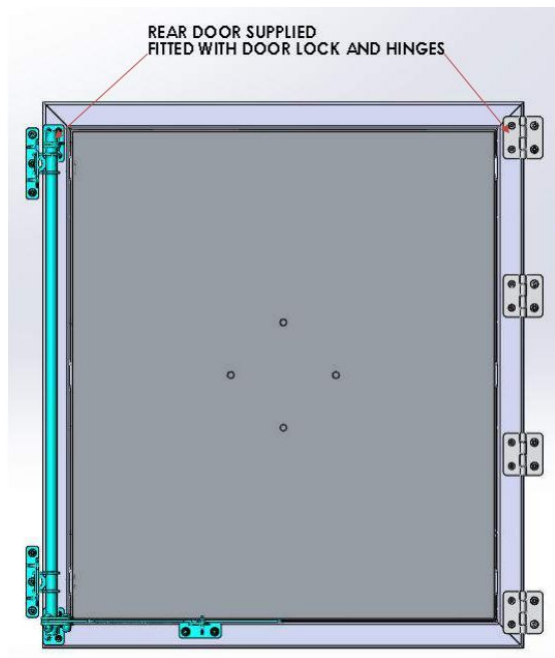


Installation Instructions

Rear door mounting:

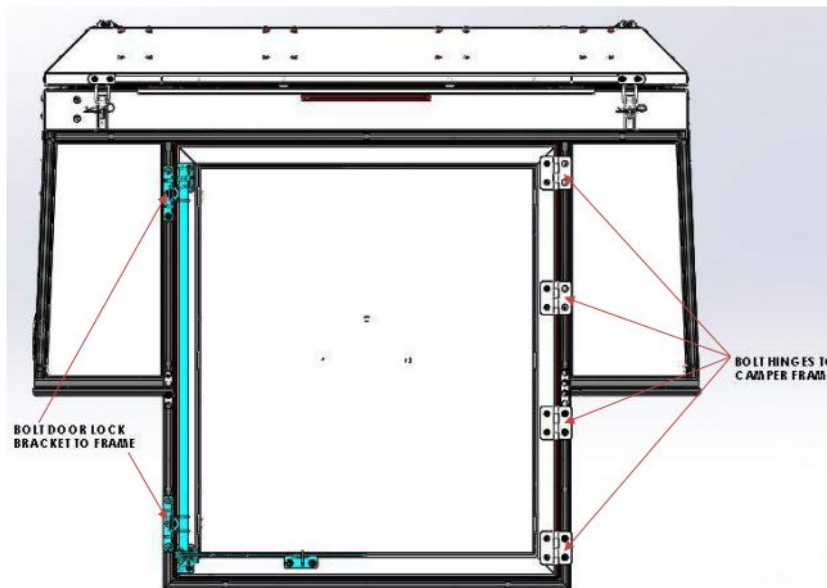
9

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

Attach hinges and lock to camper frame:

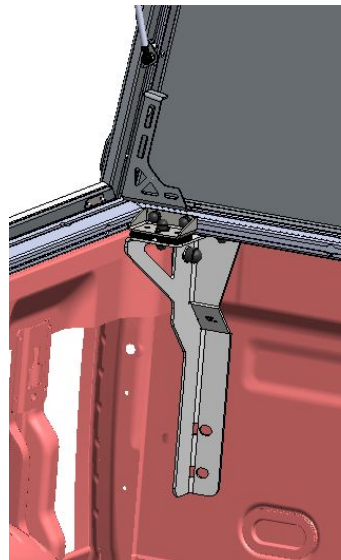


Installation Instructions

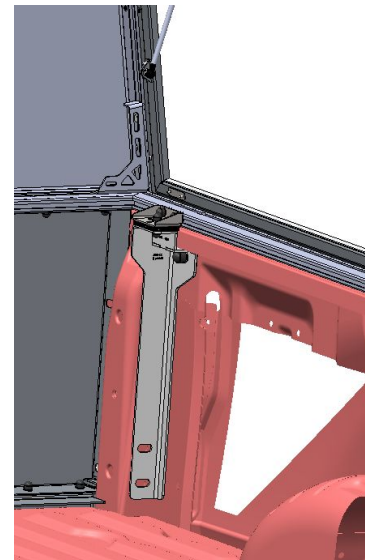
10

Fastening the Top Half of the Mounting Brackets Down:

1. With the Canopy Camper in place line up the front and back top brackets with the front and back bottom brackets.
2. Fasten the top brackets down to the canopy camper frame properly
3. Test the number of shims you need, usually it is between 3 and 4, do this by stacking them up and sliding them in between the top and bottom brackets.
4. Add an extra shim to the pile and force the shims under the top bracket, slightly lifting the Canopy Camper so that the weight rests of the mounting brackets and not on the load bin.
5. Use the supplied bolts, nuts and washers to fasten the top bracket to the bottom bracket (M8x30 are used front and back)



FRONT

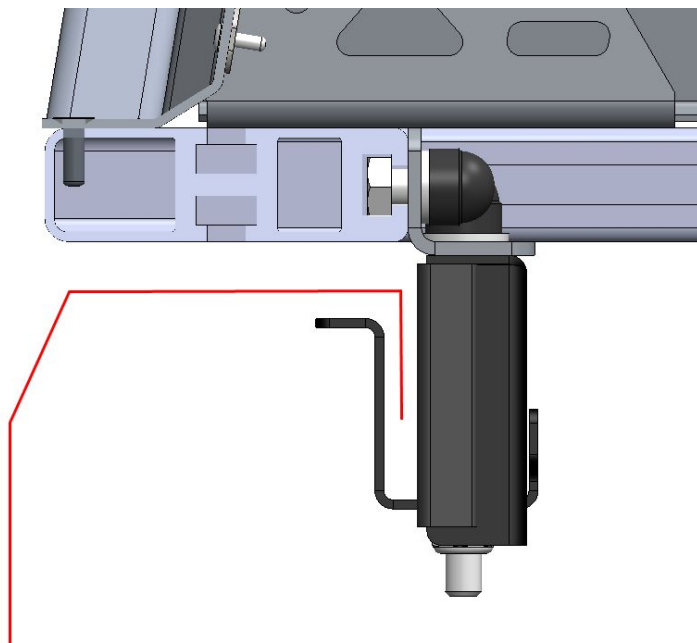


REAR

Installation Instructions

Installing the Bottom Half of the Centre Mount Brackets

11



With the top brackets in place install the bottom half of the bracket

Ensure the flange on the bracket slides under the skin of the load-bin

This will pull the canopy camper down on to the load bin and hold it securely in place

Lastly use the M8x80 hex head bolt to fasten the Canopy Camper to the load bin.

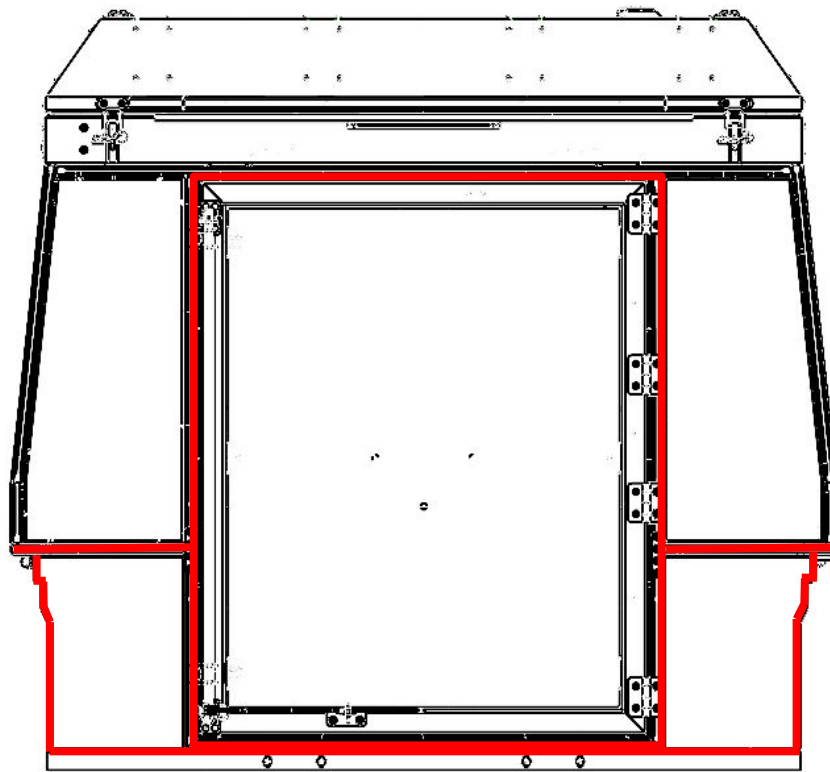
Installation Instructions

12

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



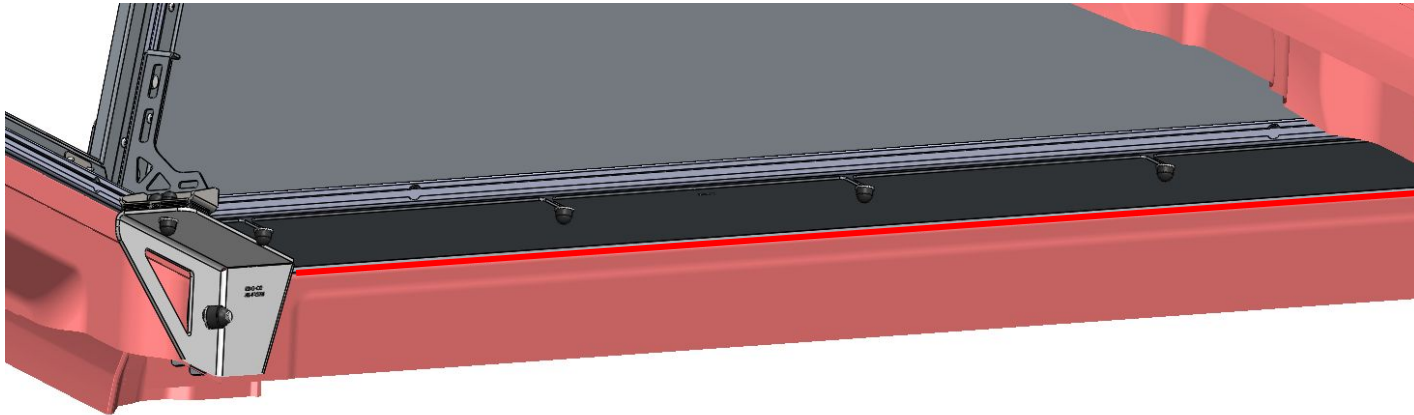
Installation Instructions

12

Sealing canopy to base:

Apply Sikaflex along the red line to the front filler to seal the filler to the load bin.

Image is from inside the cab, looking underneath the front filler.

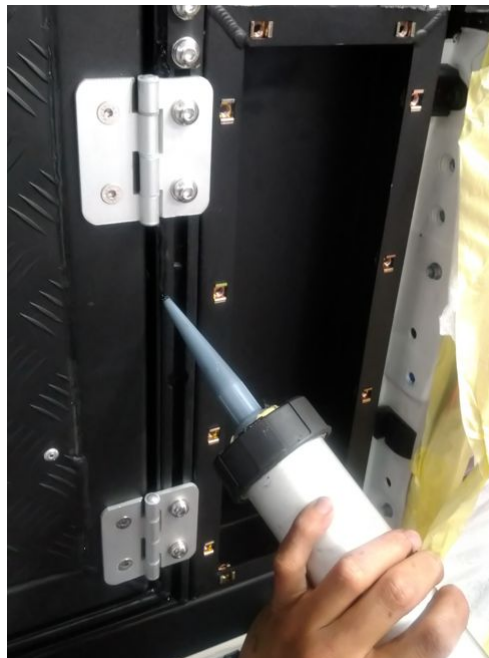


Installation Instructions

12

Sealing canopy to base:

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



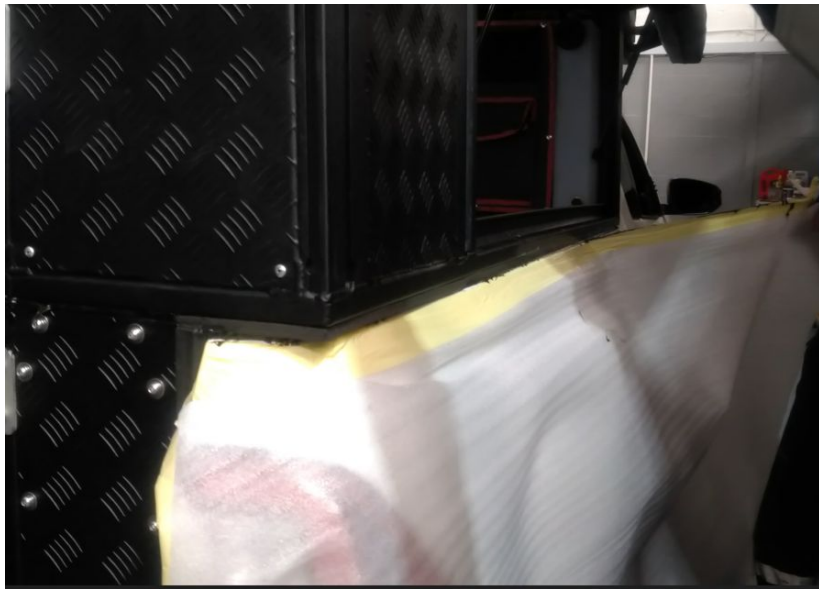
Dip one's finger into soapy water and smooth over the sealant by gently running a finger over the bead.

Installation Instructions

13

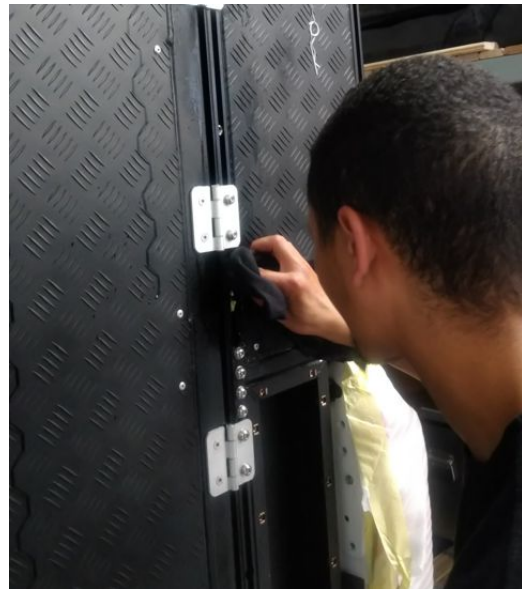
OPTIONAL Sealing canopy to vehicle body:

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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