

FITMENT INSTRUCTIONS

Alu-Cab™



DODGE RAM 1500S SB & LB ALU-CABIN [2009-2018]

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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

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	105-RAM-FRT-FILLER-KIT-01	FRONT FILLER KIT	1
2	105-RAM-RER-FILLER-KIT-ASSY-01	RAM REAR FILLER KIT	1
3	105-RAM-MNT-KIT-ASSY-01	MOUNTING ASSEMBLY	1
4	105-RAM-MNT-KIT-ASSY-01	CANOPY CAMPER FILLER KIT BOX-720X180X1700	1

REV.	DESCRIPTION	DATE	APPROVED	REVISIONS
00	RELEASED FOR PRODUCTION	2021-11-09	System Administrator	

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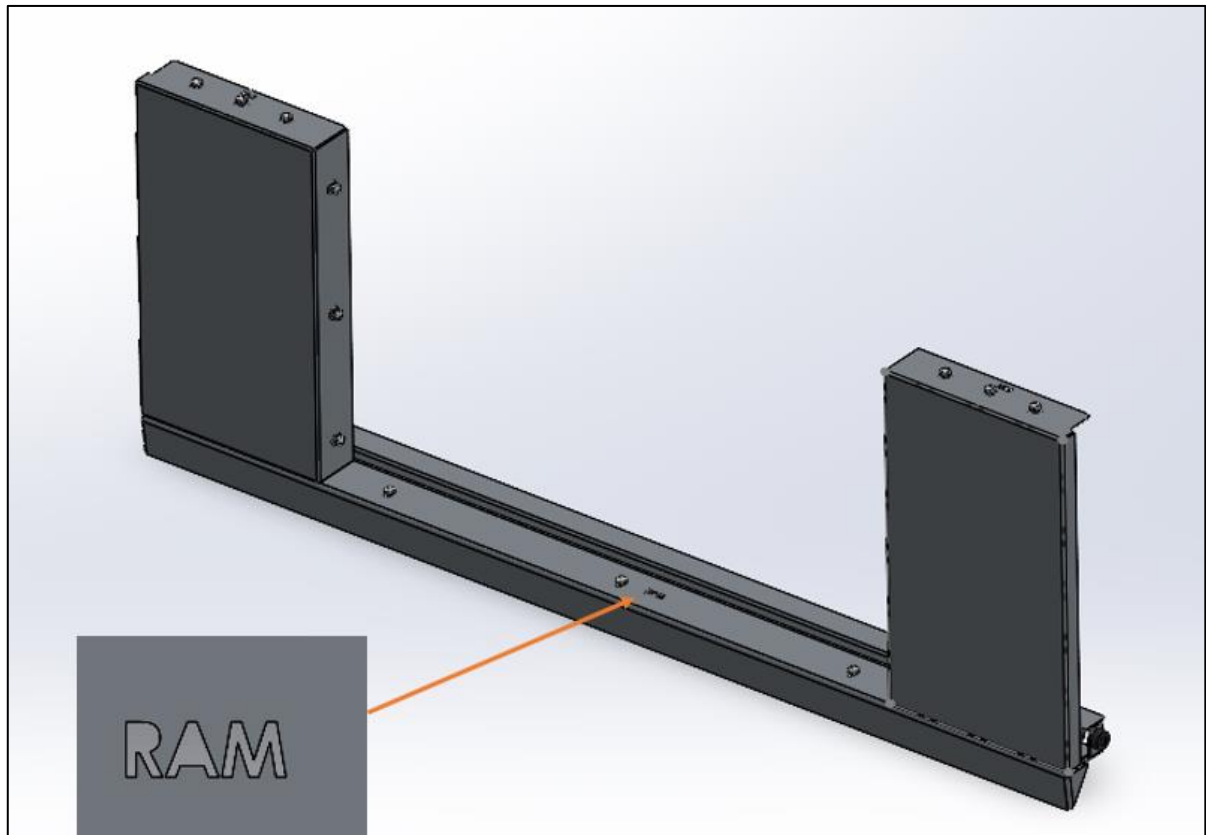
REV.	DESCRIPTION	DATE	APPROVED	REVISIONS
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00	RELEASED FOR PRODUCTION	2021-11-0		

Rear Filler Kit - Component Identification



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

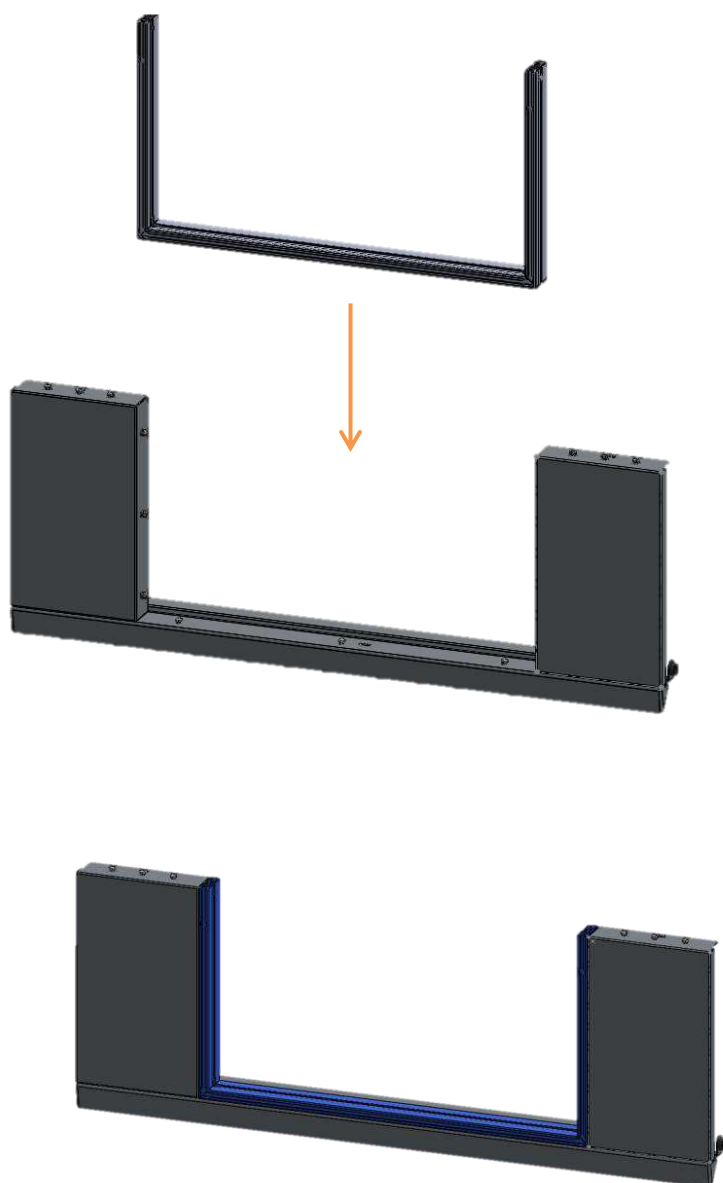


WARNING

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.

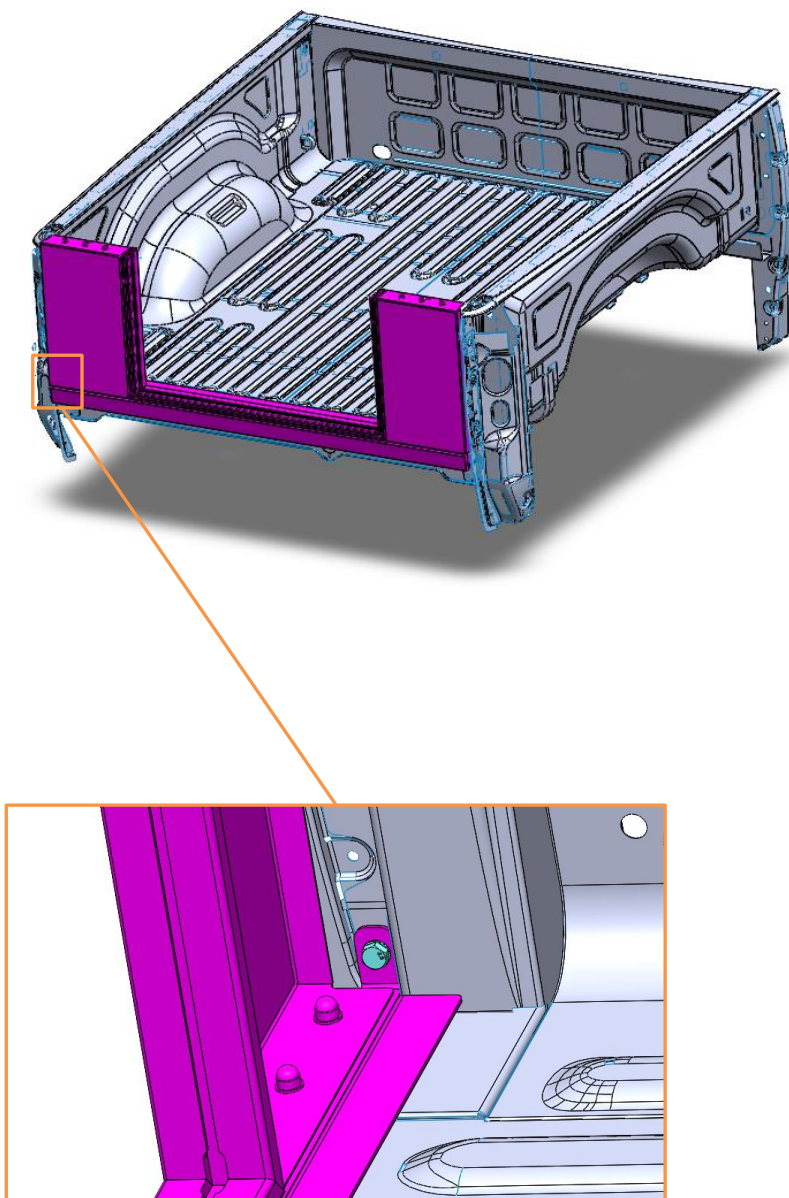
Rear Filler Kit - Assembly

Fit the lower door frame, supplied with the Canopy Camper base unit, into the Rear Filler assembly, and tighten the factory fitted fasteners, as below:



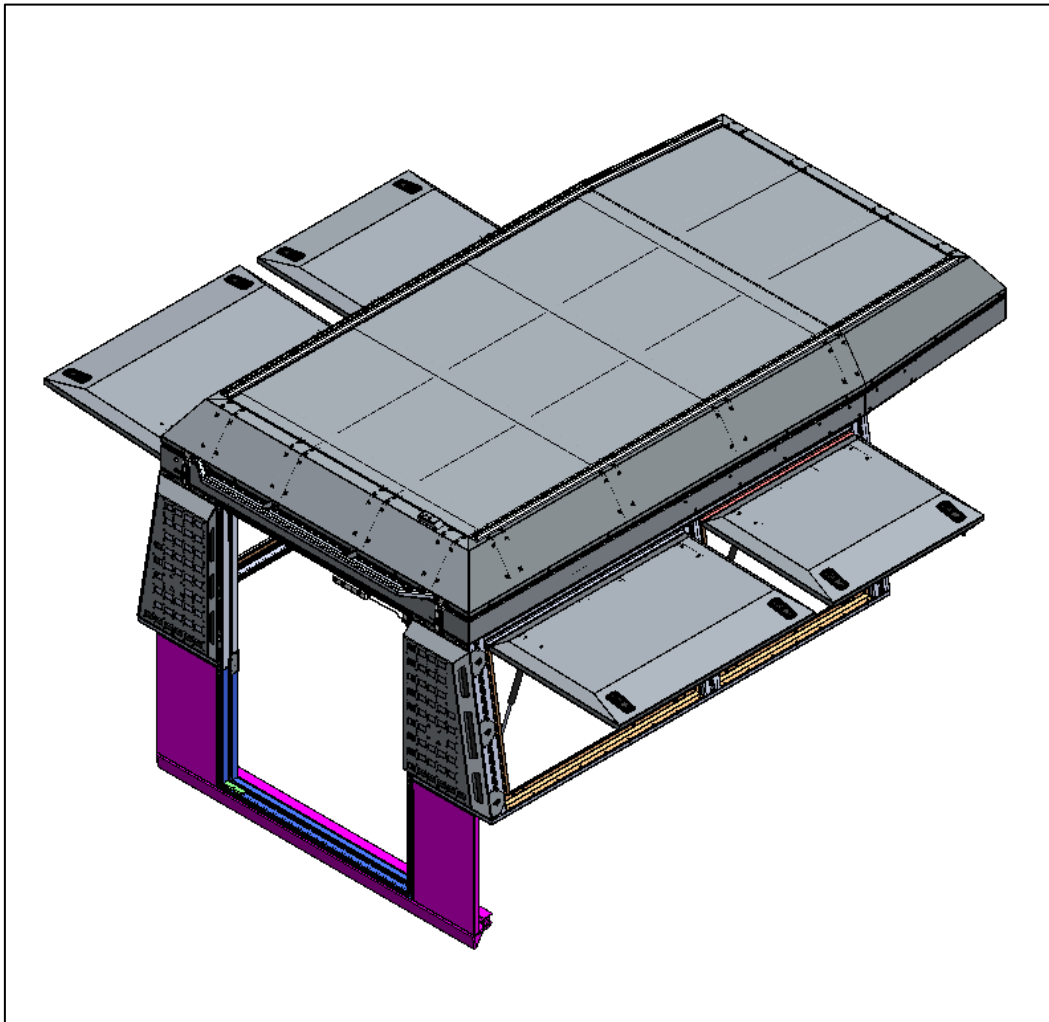
Rear Filler Kit - Installation

Remove the tailgate, and fit the Rear Filler Assembly (with the Lower Door Frame fitted):



Canopy Camper Base Unit - Installation & Assembly

Seating the Base Unit

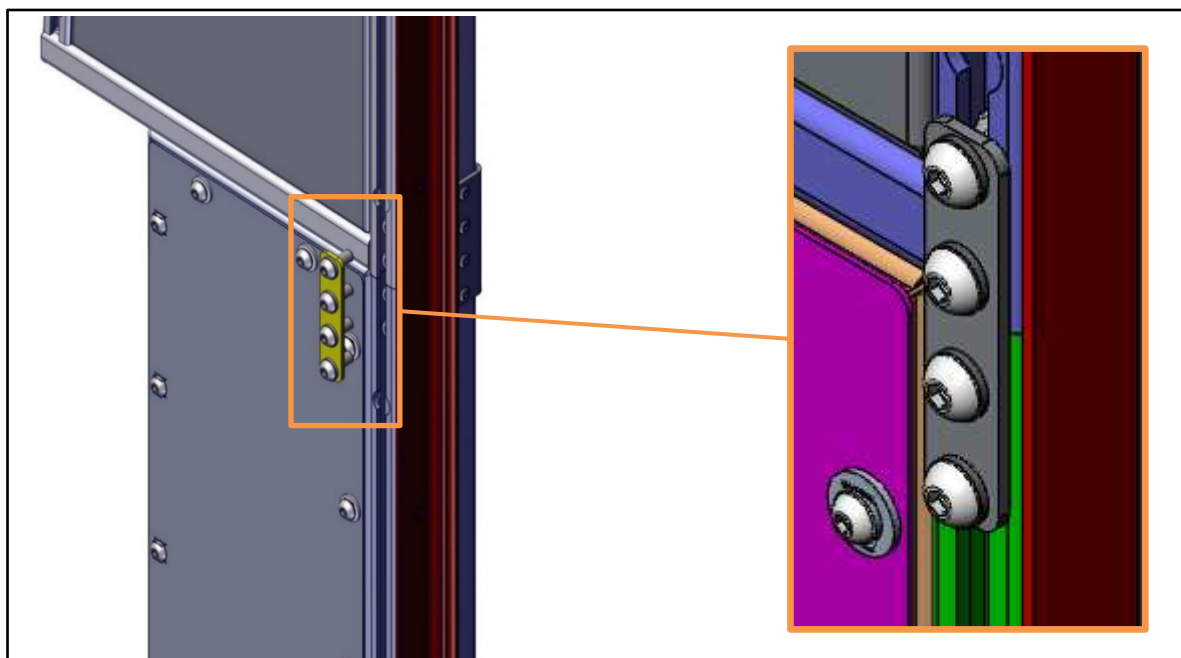


Attach the gasket material to the lower seating surface of the Canopy Camper's base frame - Refer to the stand alone Fitment Instruction for this process.

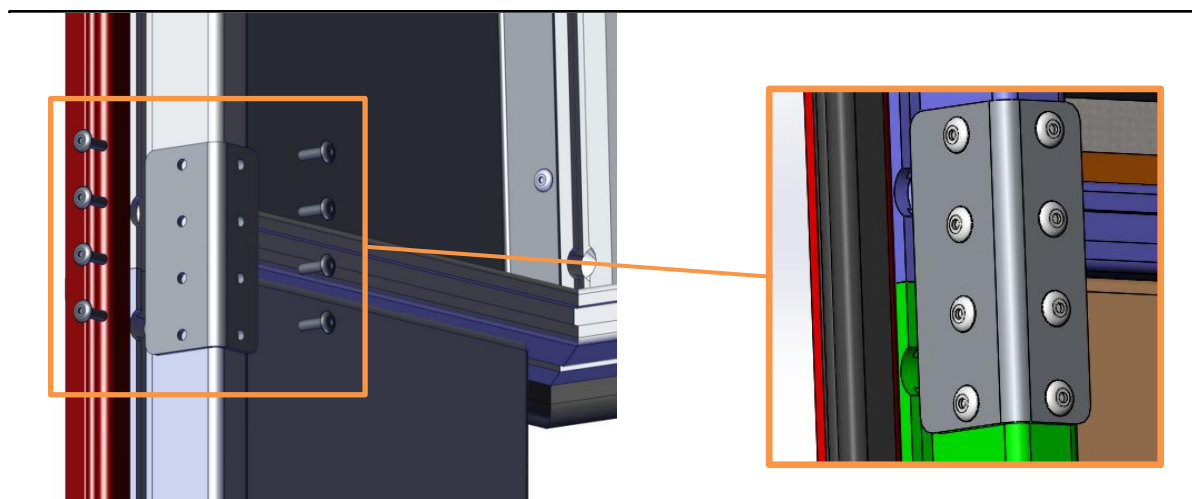
Lower the Canopy Camper Base Unit onto the already mounted Rear Filler Assembly, as shown in the image above, and align the lower and upper portions of the door frame.

Base Unit to Rear Filler Assembly Connection

Using the supplied hardware, fasten the lower and upper door frames together, on each side of the **EXTERNAL** door opening. See images below:

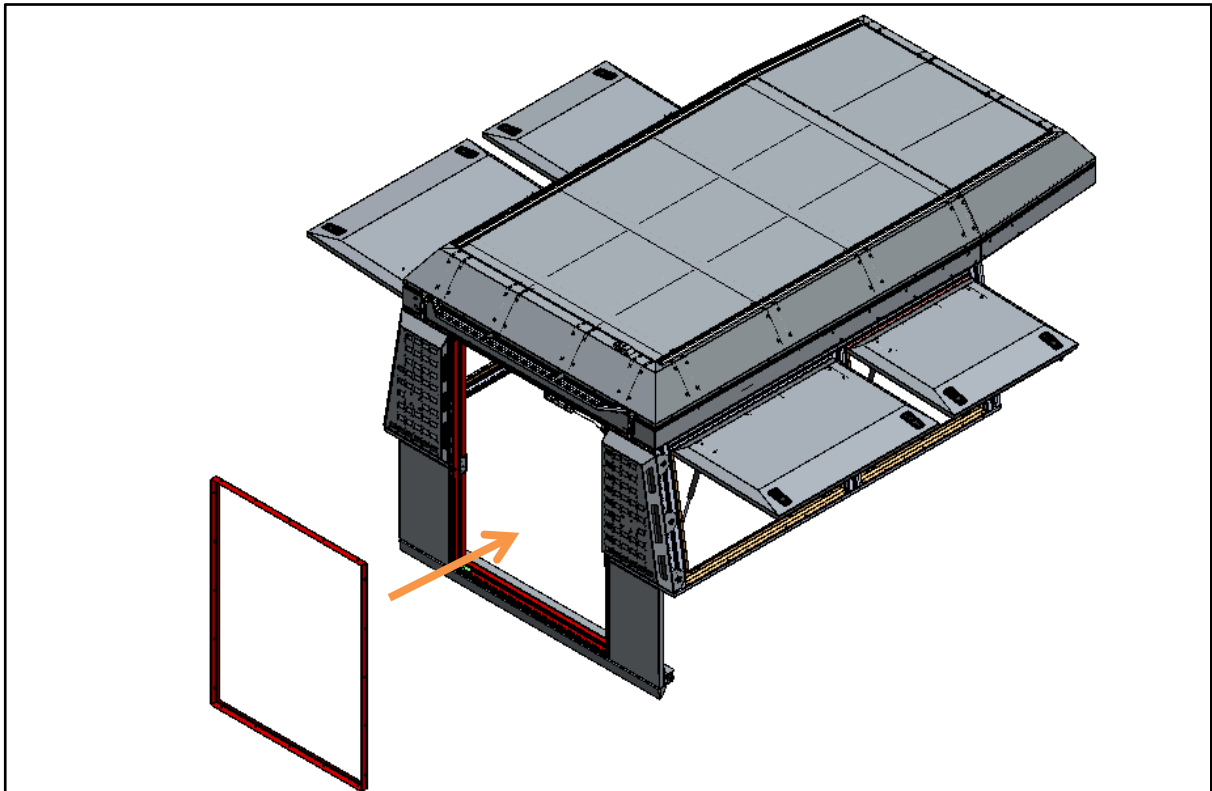


Using the supplied hardware, fasten the lower and upper door frames together, on each side of the **INTERNAL** door opening. See images below:



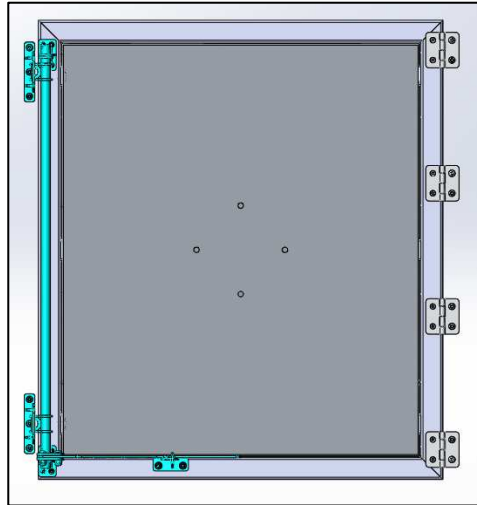
Rear Door Rebate Installation

Insert the Rear Door Rebate Frame into the door frame opening, ensure that mounting holes all align. Using the supplied hardware, rivet the frame in place along the LHS, RHS and upper and lower mounting interfaces. See images below:



Rear Door Installation

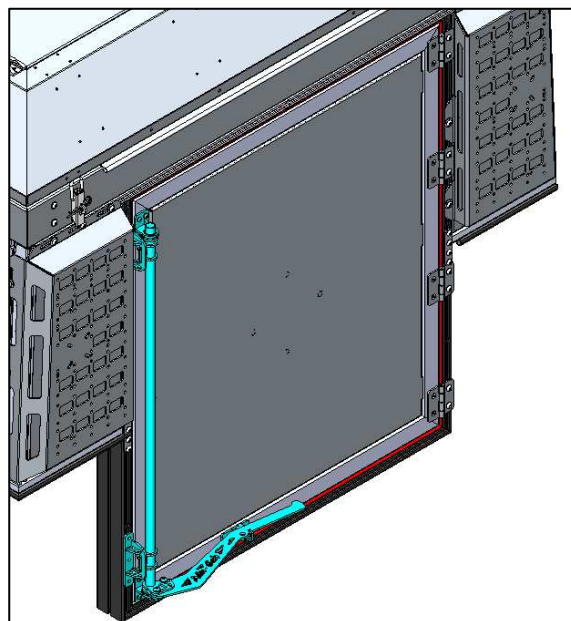
The Rear Door Assembly is supplied fully assembled with its hinges, and the locking mechanism, as shown below:



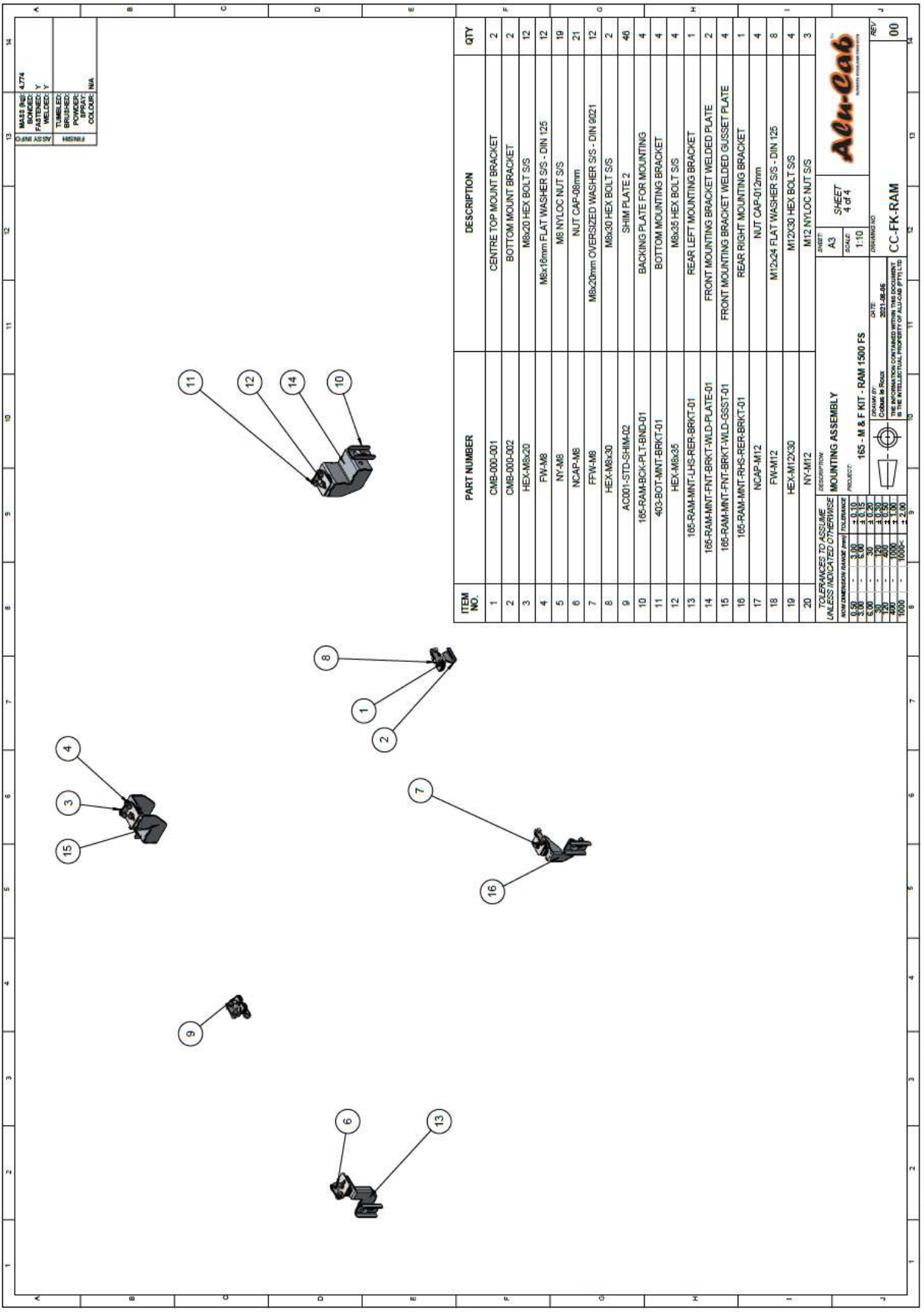
Insert the assembled door into the rear door opening. Fasten the four (4) hinges into the nut slot on the RHS door frame first, using the supplied hardware.

Align the two (2) locking mechanism Hook Brackets with the upper and lower lock tabs and fasten into the nut slot on the LHS frame, using the supplied hardware.

Installed Rear Door shown below (rear Filler Assembly removed for clarity):



Mounting Bracket Kit - Component Identification



Mounting Bracket Kit - Installation

Front Mounting Brackets

Some models of the Dodge RAM come with protective Bed Caps. In some instances when the access hole to the stake pocket is blocked by the Bed Caps it is necessary to completely remove the bed cap before fitting the front mounting brackets.

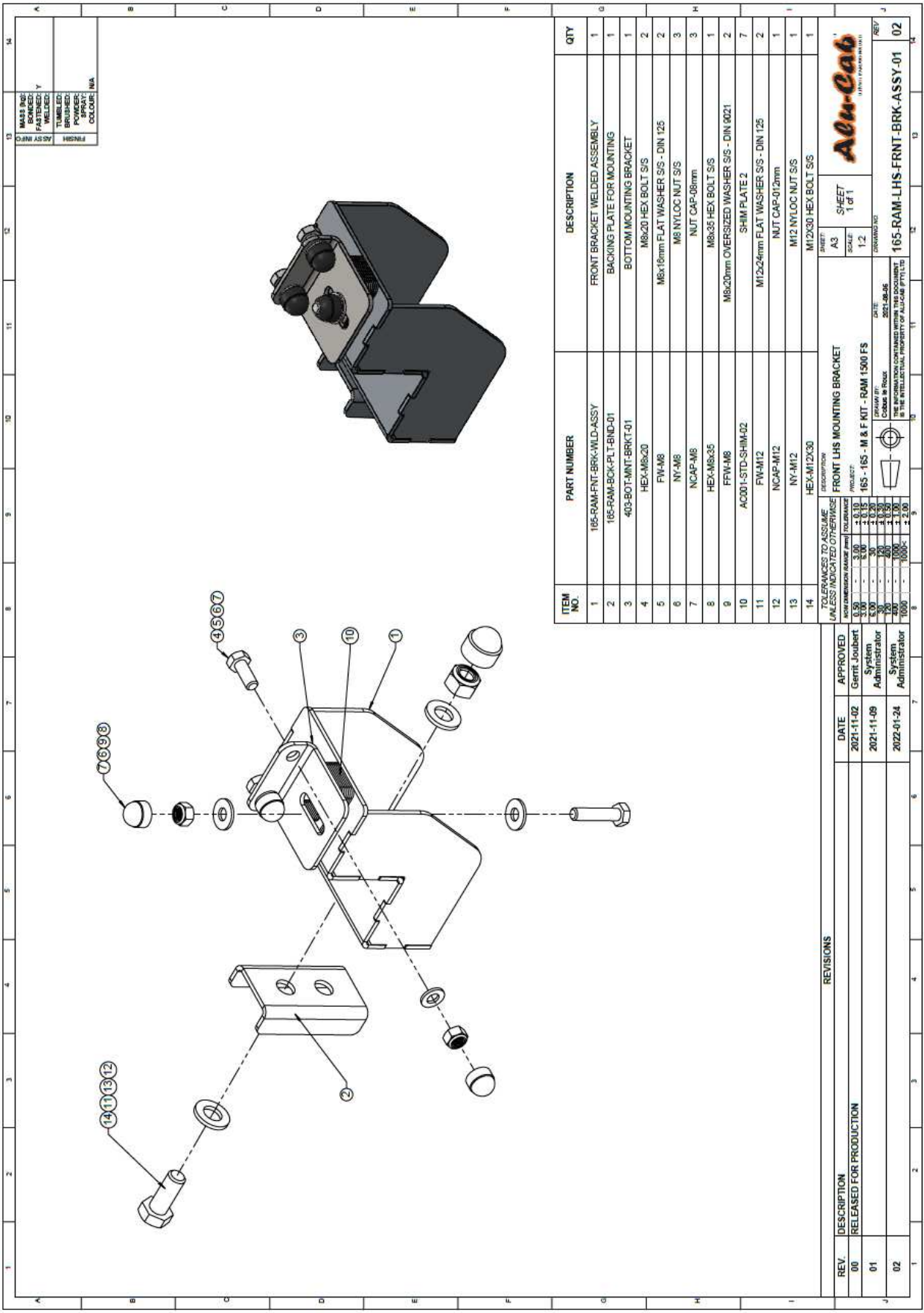


REMOVE BED CAPS

With the bed cap removed it is possible to access the stake pocket.



BED CAP THAT ALLOWS
ACCESS TO STAKE POCKET



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99	100

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	165-RAM-FRNT-BRK-WLD-ASSY	FRONT BRACKET WELDED ASSEMBLY	1
2	165-RAM-BCK-PLT-BND-01	BACKING PLATE FOR MOUNTING	1
3	403-BOT-MNT-BRKT-01	BOTTOM MOUNTING BRACKET	1
4	HEX-M8x20	M8x20 HEX BOLT S/S	2
5	FW-M8	M8x16mm FLAT WASHER S/S - DIN 125	2
6	NY-M8	M8 NYLOC NUT S/S	3
7	NCAP-M8	NUT CAP-08mm	3
8	HEX-M8x35	M8x35 HEX BOLT S/S	1
9	FFWH-M8	M8x20mm OVERSIZED WASHER S/S - DIN 9021	2
10	AC001-STD-SHM-02	SHIM PLATE 2	7
11	FW-M12	M12x24mm FLAT WASHER S/S - DIN 125	2
12	NCAP-M12	NUT CAP-012mm	1
13	NY-M12	M12 NYLOC NUT S/S	1
14	HEX-M12x30	M12x30 HEX BOLT S/S	1

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01		2021-11-09	System Administrator
02		2022-01-24	System Administrator

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01		2021-11-09	System Administrator
02		2022-01-24	System Administrator

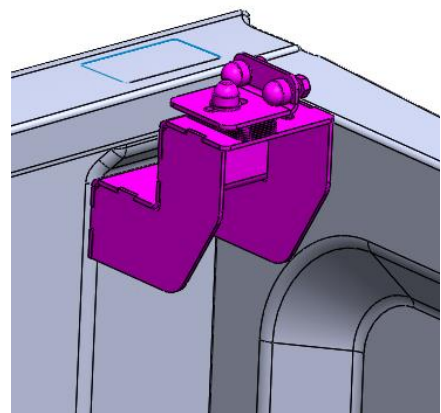
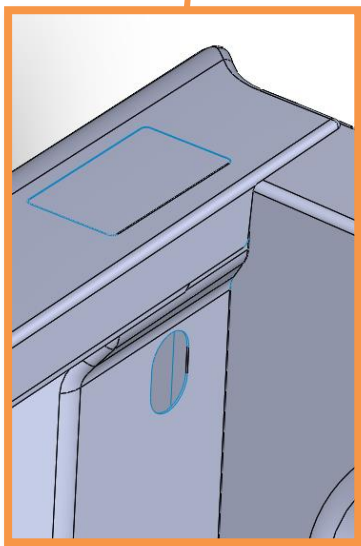
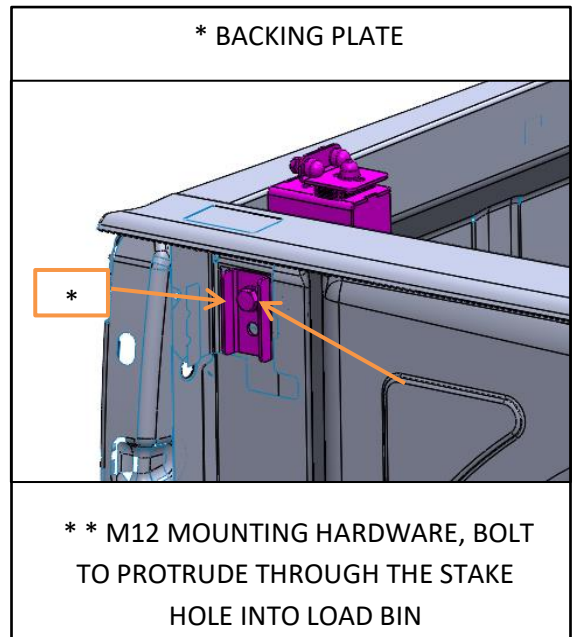
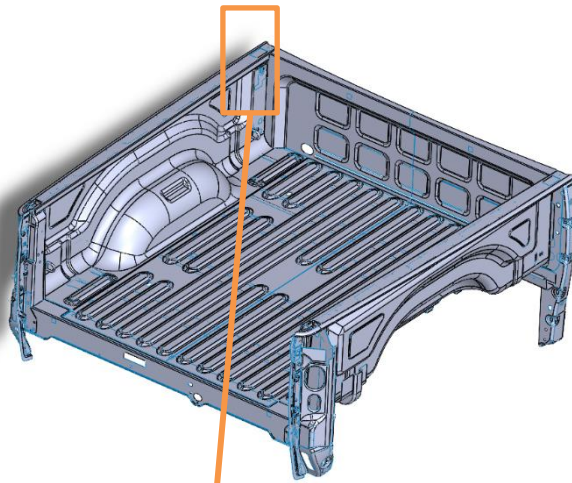
165-RAM-LHS-FRNT-BRK-ASSY-01	02
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165-RAM-LHS-FRNT-BRK-ASSY-01	02
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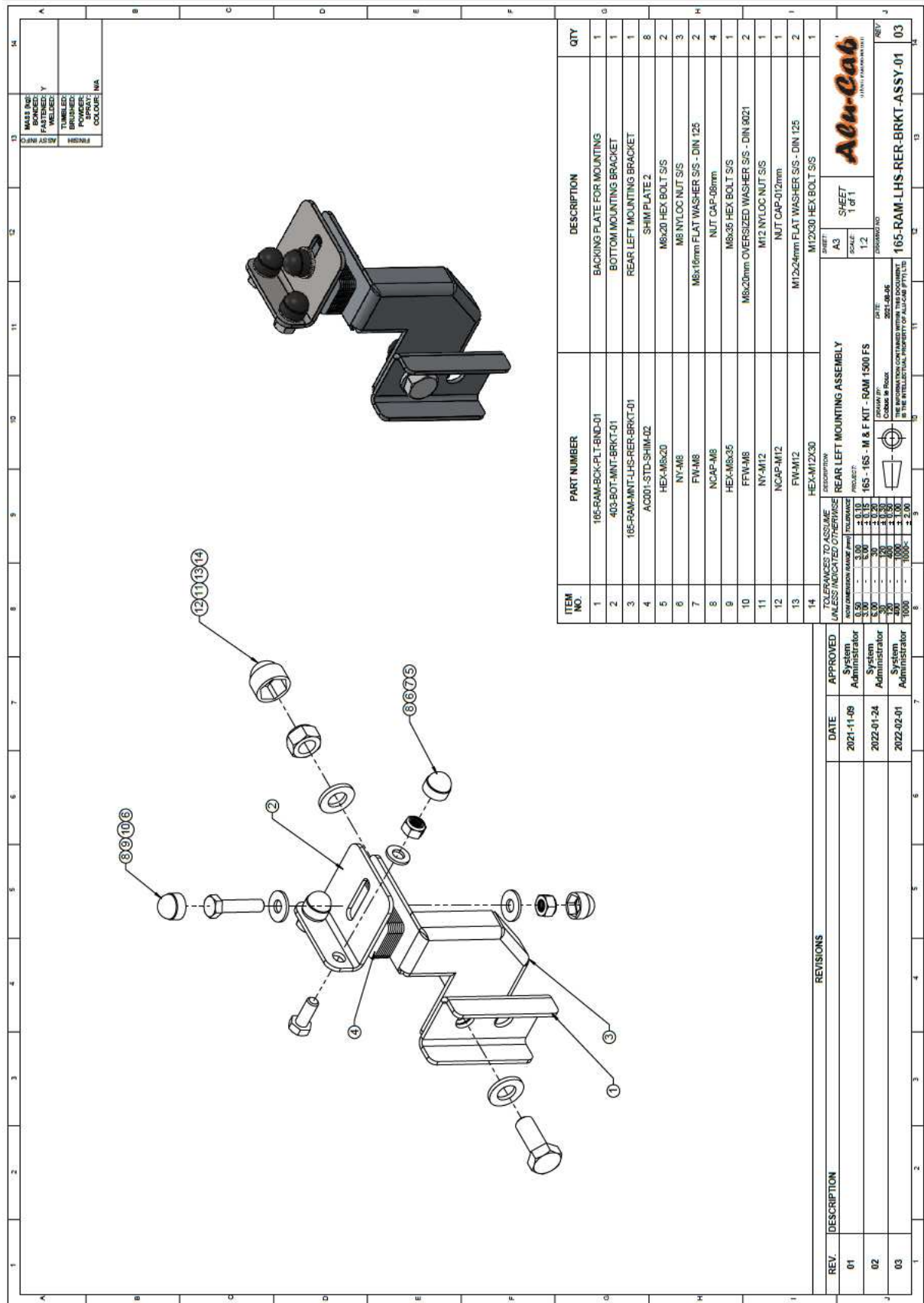
165-RAM-LHS-FRNT-BRK-ASSY-01	02
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165-RAM-LHS-FRNT-BRK-ASSY-01	02
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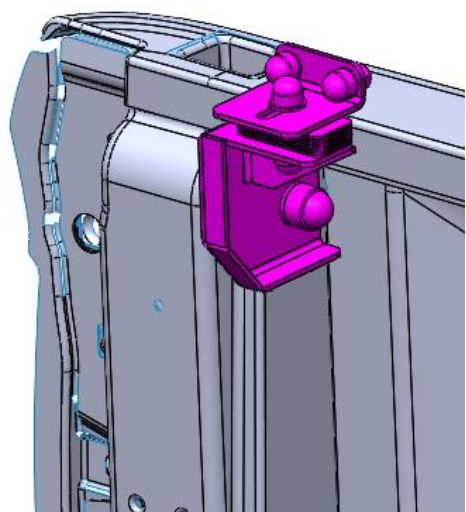
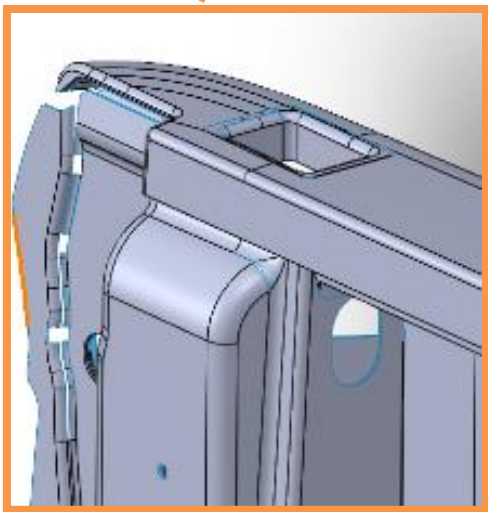
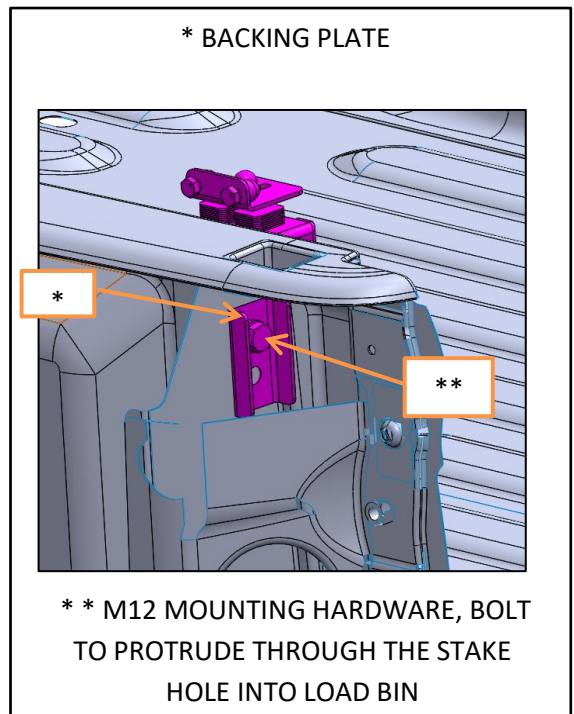
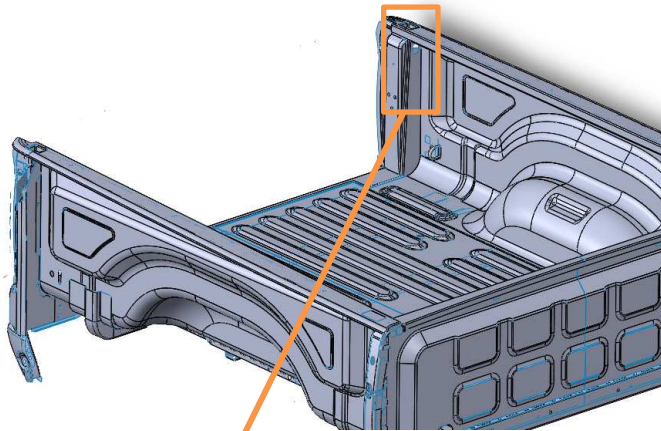
With the access to the stake hole place the backing plate in position and fit the Front Mounting Brackets with the M12 hardware:



Rear Mounting Brackets



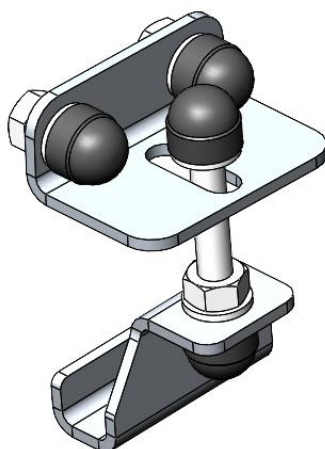
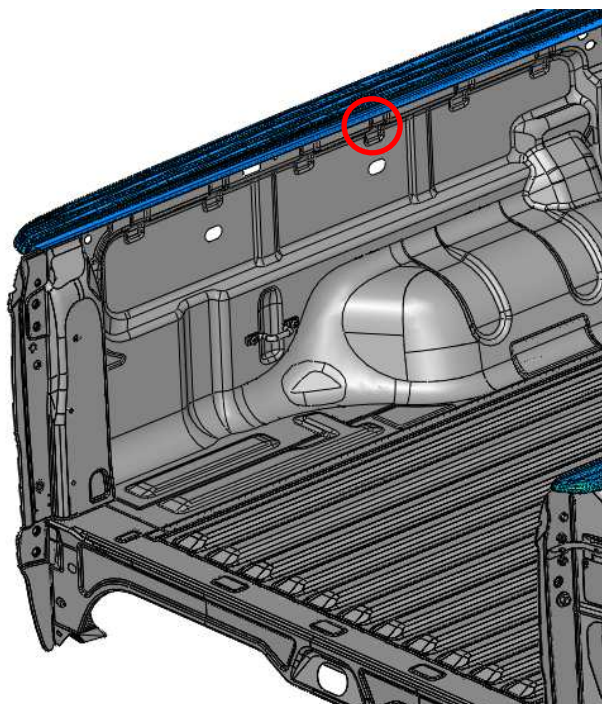
As with the front mount brackets it is important to place the backing plate in position and then fasten down the rear mounting bracket:



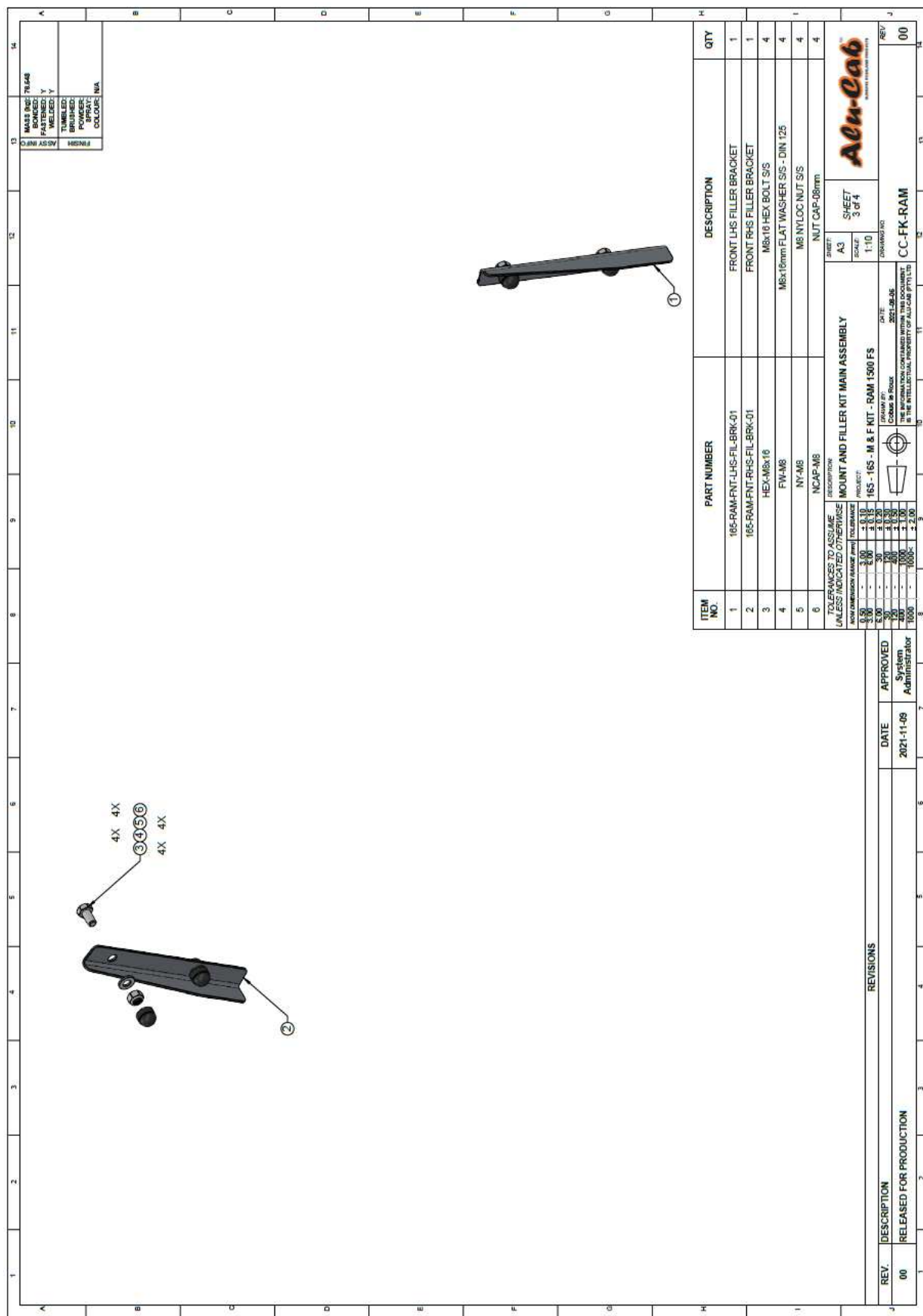
Centre Mounting Brackets

The centre mounting brackets will only be used on the Long Bed installation, if needed. The main purpose of these brackets is to correct seating along the longer load bin length on the Long Bed installation.

If the Canopy Camper seats and seals correctly, they can be left off. If the camper needs to be pulled downwards towards the load bin wall, these brackets can be installed at centre span between the front and rear mounting brackets, on either side:



Front Filler Kit - Component Identification



Front Filler Kit - Installation

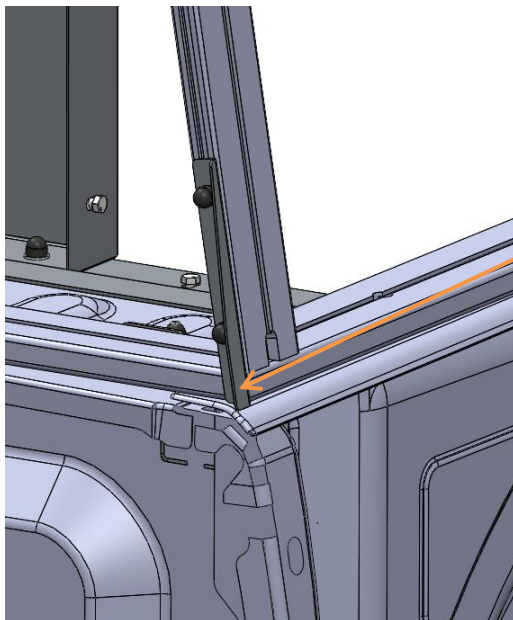
The front filler kit is made up of only two brackets that are optional extras for the long bed installation. The brackets assist with the aesthetic of the final install.

Short Bed Installation:

Not necessary

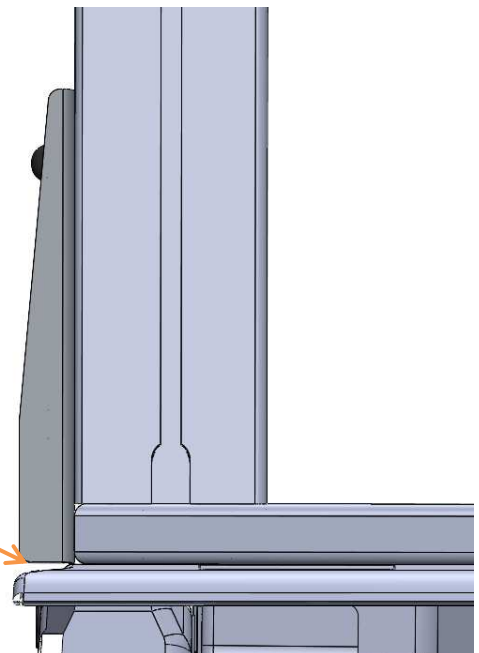
Long Bed Installation:

Slide two bolts into the front track on Alu-Cabin. Position the brackets so that the flat side faces out, matching the side of the Alu-Cabin. Fasten the bolts down and ensure the brackets are firmly in position.



FLAT FACE POINTS OUT, AND MATCHES
THE ANGLE OF THE FRAME FOR THE ALU-
CABIN

POSITION BRACKETS AT THE BOTTOM OF
THE FRAME AND FILL GAP WITH SEALANT



Installation Completed

Your installation of the RAM Alu-Cabin is now completed.

Congratulations!

Please remember that any areas where there is Sikaflex might still be sticky and should cure for a minimum of 24 hours before going on any overlanding trip.

From us at the Alu-Cab Team:

Happy Camping!