Alu-Cab™

ULTIMATE OVERLAND PRODUCTS

FITMENT INSTRUCTIONS

Toyota Tundra 2022 (5,5ft & 6,5ft) Canopy Fitment Instruction

Preliminary Information

Installation and fitment instructions, tools required, fasteners and the hardware required are included in kit.
Please follow the instructions and check installation actions with the images in this document.



Please be sure to lay out all parts provided on a table or flat surface in order to check that all required parts are accounted for and prevent potential frustration at a later stage.

Installation Instructions

1 Canopy Fitment – Tools, Fasteners & Materials The tables below show the equipment, i.e. tools and fasteners required to start the canopy fitment of a Toyota Tundra 2022.

1.1 Tools & Items Required

TOOL
Ratchet
13mm Socket
13mm Ring Flat Spanner

1.2 Fasteners Supplied (included with canopy)

ITEM	QTY	ITEM	QTY
M8x20mm Hex Bolt	12	M8 Oversized Washer	12
M8x30mm Hex Bolt	6	Elastic Band	6
M8 Plastic Nut Caps	36	M8 Nyloc Nuts	30
M8 Flat Washer	24	M8 Cup Square Bolts	12

Please be sure to lay out all parts provided on a table or flat surface in order to check that all required parts are accounted for and prevent potential frustration at a later stage.

Installation Instructions

1

Canopy Fitment – Tools, Fasteners & Materials The tables below show the equipment, i.e. tools and fasteners required to start the canopy fitment for a Toyota Tundra 2022.

1.3 Hardware Required

ITEM	QTY
Tundra 2022 Bottom Mount Bracket	6
Standard Shim Plate 01	24
Tundra 2022 Top Mounting Bracket	6
Tundra Nut Plate	6

1.4 Optional Consumables Required

ITEM
Turpentine
Shop Rags
Black sealant, silicone or Sikaflex
Window Cleaner

Please be sure to lay out all parts provided on a table or flat surface in order to check that all required parts are accounted for and prevent potential frustration at a later stage.

Installation Instructions

2.1

Canopy Mounting Brackets Identification

Figures 1, 2 and 3 below illustrate the canopy mounting brackets and nut plates for the Tundra 2022 Canopy

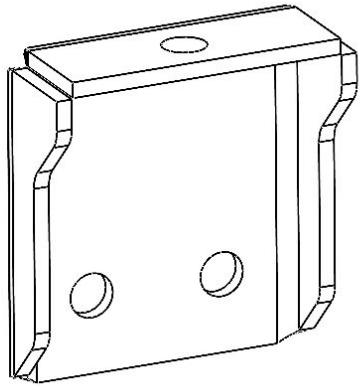


Fig 1. Bottom Mounting Bracket

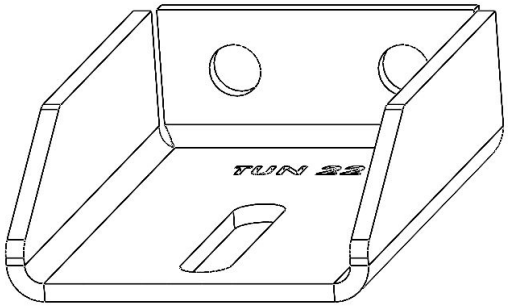


Fig 2. Top Mounting Bracket

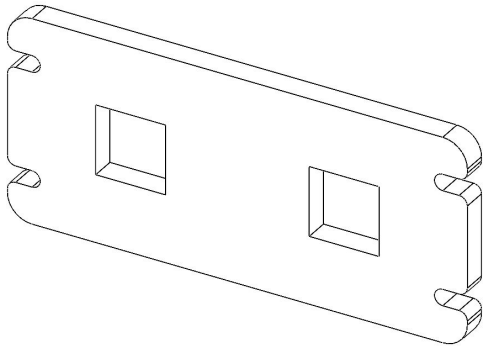


Fig 3. TT-NUT Plate

2.2

Canopy Mounting Brackets Fastener Identification

Figure 4 below illustrates the canopy mounting brackets with the fasteners needed. Please refer to the table to identify everything correctly.

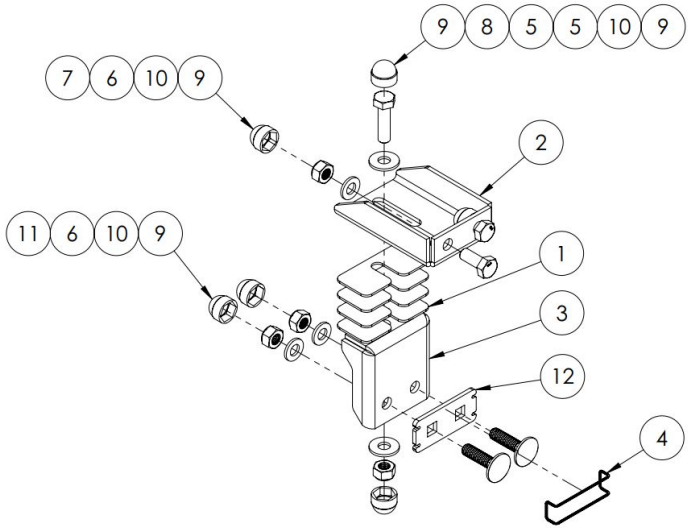


Fig 4. Assembled Mounting Bracket

ITEM No.	DESCRIPTION	QTY
1	SHIM PLATE 2	24
2	TUNDRA 2022 TOP MOUNTING BRACKET	6
3	TUNDRA 2022 BOT MOUNT BRACKET	6
4	ELASTIC BAND NO.6	6
5	M8 OVERSIZED WASHER	12
6	M8 FLAT WASHER	24
7	M8x20 HEX BOLT	12
8	M8x30 HEX BOLT	6
9	M8 NUT CAP	36
10	M8 NYLOC NUT S/S	30
11	M8x30 CUP SQ BOLT	12
12	NUT PLATE	6

3.1 Canopy Installation

Before placing the canopy onto the load bin, check that the D-Rubber seal running the bottom perimeter of the canopy is intact.

Lift the canopy and place it onto the load bin. Ensure that the canopy is centered on the load bin by checking that the spacing is the same on the left and right.

Test the rear door of the canopy to ensure that the wiper seal clears the horn on the tailgate. The seal will pass over the horn and then seat snugly when the door is closed.
When the door is opened there will be a little resistance however this will be overcome once the door has moved beyond a 5-degree angle.
Reposition the canopy along the length of the load bin if the rear door does not open and close smoothly.

With the canopy in the correct position the mounting brackets can be fitted, and the canopy can be secured.

Installation Instructions

3.2

Installing the Mounting Brackets.

1. Assemble six nut plate assemblies

2. Slide the nut plate assemblies into the rail on the Tundra Load bin. 3 off in the right-hand side rail and 3 off in the left-hand side rail. Ensure to space the nut plates out so that there is one on either side of the rail and one in the middle of the rail.

1

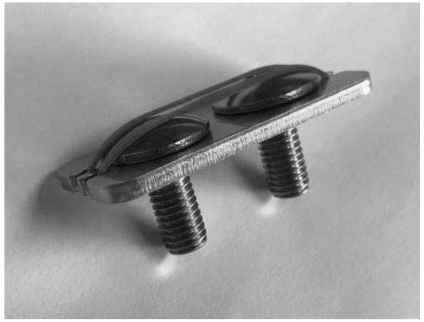


Fig 5. Nut plate assembly with elastic and cup squares

2



Fig 6. Rails on Tundra Load Bin

3.2

3. Fit the bottom mounting brackets over the cup square bolts and fasten them down using the supplied M8 Nylock nuts and M8 Washers.

4. Slide 12 off M8x20 bolts into the bottom nut slot frame of the canopy (6 off in the right side, 6 off in the left side) and have them roughly align with the bottom mounting brackets.

3

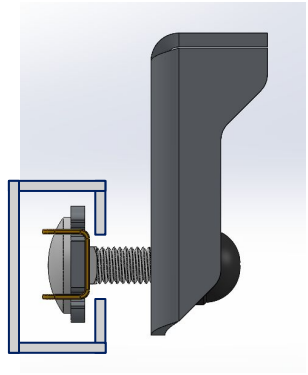


Fig 7. Fit bottom brackets over nut plate assemblies in tundra rails

4

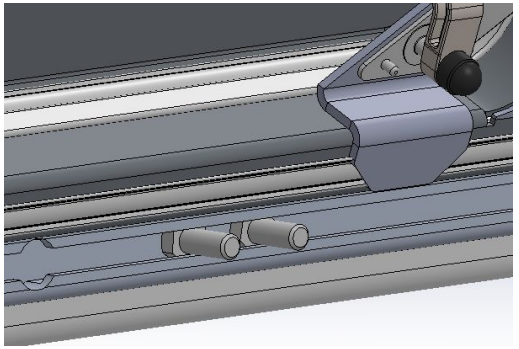


Fig 8. M8x20 Bolts in the Canopy's Bottom Nut Slot Rails

3.2

5. Fit the top mounting bracket to the M8x20 bolts and use the supplied M8x30 bolt as a guide to ensure the top and bottom bracket line-up. Fasten the bracket to the canopy frame using the supplied M8 Nylock Nuts and M8 washers.

6. Fit enough shims in between the top and bottom brackets and then squeeze and extra shim in by lifting the canopy. This will allow the canopy to rest solely on the mounting brackets.

7. Use the M8x30 bolt to secure the top mount bracket to the bottom mount bracket and your fitment is complete.

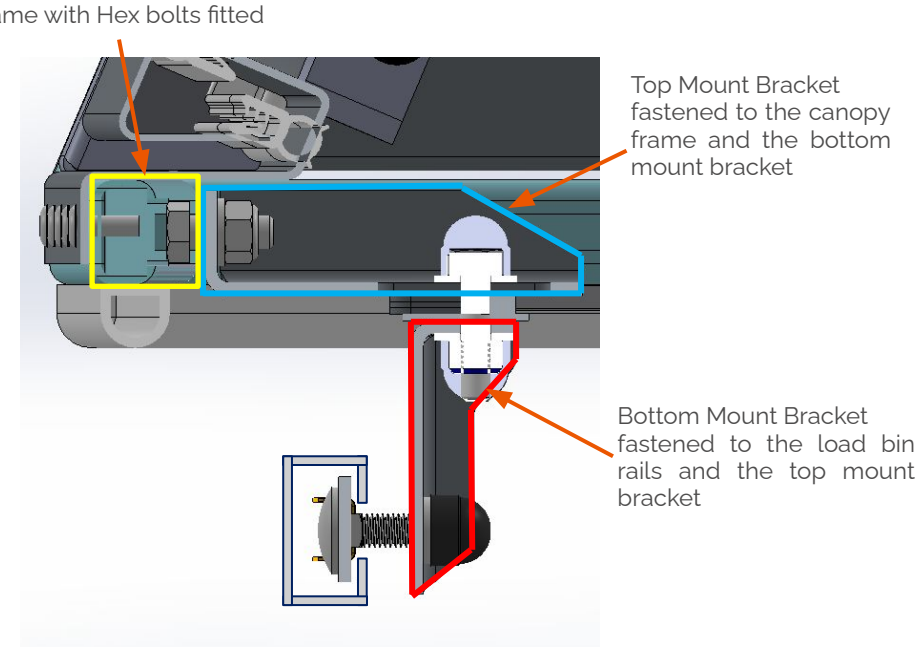


Fig 8. Fully Assembled Mounting Bracket Fastened to Canopy Frame

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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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