



Ford Everest Next Gen 2022 on Scout Roof Rack FITTING INSTRUCTION

IMPORTANT! – READ BEFORE INSTALLATION

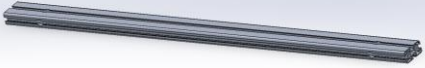
- Roof Rated to 100kg (Standard Roof) or 80kg (Moon Roof) Dynamic On Road and 350kg Static- Rack weight is 28kg
- This product must be installed exactly as per these instructions using only hardware supplied.
- Take a few moments to read instructions thoroughly before beginning work.
- In the event of damage to any bar component please contact OFFROAD ANIMAL to arrange repair/replacement of components.
- Do not use this product for any vehicle make or model other than that specified on these instructions.
- Do not remove labels from this product.
- This product and its fixings must not be modified in any way unless stated in these fitting instructions.
- The installation of this product is recommended for trained personnel.
- These instructions are correct at time of publication. OFFROAD ANIMAL cannot be held responsible for the impact of any changes subsequently made by the vehicle manufacturer. If you find something has changed, please contact us to let us know!
- During installation it is the duty of the installer to check correct operation/clearances of all components.
- If Instructions are to be printed for reference in the workshop, it is recommended that they are printed in colour, for best legibility.



PARTS LISTING

IMPORTANT: Check all parts are present before beginning work! Contact OFFROAD ANIMAL if something is missing.

Main Parts – Extrusion Kit

Qty	Part Number	Description	Image
7	E-0005 - 1150	Scout Roof Rack – Cross Bar Extrusion 1150MM	

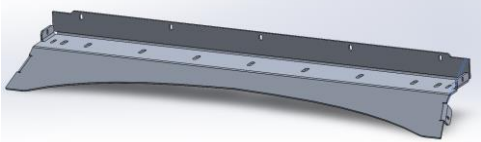
Main Parts – In the Box

Qty	Part Number	Description	Image
1	B-0932L	Ford Everest Next Gen - Scout Rack Side Rail	
1	B-0932R	Ford Everest Next Gen - Scout Rack Side Rail	
1	B-0933	Everest Next Gen Scout Rack Standard Wind Deflector	
1	B-0935L	Everest Next Gen Scout Rack Front Mount Block	
1	B-0935R	Everest Next Gen Scout Rack Front Mount Block	
1	B-0936L	Everest Next Gen Scout Rack Mid Mount Block	



1	B-0936R	Everest Next Gen Scout Rack Mid Mount Block	
1	B-0937L	Everest Next Gen Scout Rack Rear Mount Block	
1	B-0937R	Everest Next Gen Scout Rack Rear Mount Block	
1	B-0938L	Everest Next Gen Scout Rack Front Mount L Bracket	
1	B-0938R	Everest Next Gen Scout Rack Front Mount L Bracket	

Optional Light Bar Kit – Purchased Separately

Qty	Part Number	Description	Image
1	B-0934	Everest Next Gen Scout Rack Lightbar Wind Deflector	



Small Parts – Contained in Small Parts Kit Bag

QTY.	PART NO.	DESCRIPTION
46	M8 HD FLAT WASHER - BZP	M8 FLAT WASHER - High Tensile 19x8x2mm, ISO4042 ZnNi BLACK PASSIVATED FINISH
6	M8 NUT	Hex Nut, M8x1.25 G8.8 ZP
6	M8 X 16 BHCS BZP	SCREW, BUTTON HEAD CAP, M8X16X1.25 GR12.9, ISO4042 ZnNi BLACK PASSIVATED FINISH
36	M8 X 20 BHCS BLACK ZINC	SCREW, BUTTON HEAD CAP, M8X20X1.25, ISO4042 ZnNi BLACK PASSIVATED FINISH
6	M6 FLANGE NUT	Flange Nut, M6x1 G8.8 ZP
10	M6 FLAT WASHER BLACK ZINC	M6 Flat Washer, 12x6.1x1, ISO4042 ZnNi BLACK PASSIVATED FINISH
10	M6x20 BHCS BLACK ZINC	SCREW, BUTTON HEAD CAP, M6X20X1 GR12.9, ISO4042 ZnNi BLACK PASSIVATED FINISH
14	M8 FLANGE NUT	Flange Nut, M8x1.25 G8.8 ZP
12	M8 HD FLAT WASHER	M8 FLAT WASHER - High Tensile 19x8x1.9mm
12	M8 X 20 HEX	Bolt Hex, M8X20x1.25, GR8.8 ZP
2	M8 Cage nut	NUT, CAGE, M8X1.25 ZINC PLATE



TOOLS REQUIRED

The following tools will be required to install the product. Note Extra Tools will be required for fitment of track kit. Refer to track kit

Hand Tools	Power Tools	Workshop Supplies
Metric Socket Set 8-19mm		Soft Blanket
Metric Deep Sockets		Automotive Sealant (Recommend Sikifelx 227)
Socket Extension Bar		Thread Locking Compound (Recommend Loctite 243)
Metric Spanner Set 10-19mm		Thread Sealant Compound (Recommend Loctite 577)
Hex (Allen) Key Set 4-6mm		Isopropyl Alcohol
Box Cutter or side cutters		Blu Tack
Trim tools set		
Small Flat head screwdriver		
Torx Driver Set T20-T50		

WORKSHOP SAFETY

It is the responsibility of the installer to always complete works in a safe manner. Make sure the following safety equipment is available and precautions are observed whilst fitting this product.

<p>Hearing Protection</p> 	<p>Always wear ear protection when using power tools.</p>
<p>Eye Protection</p> 	<p>Ensure eye protection is always worn when cutting or drilling.</p>
<p>Manual Handling</p> 	<p>Do not attempt to lift bar assemblies or rock sliders on your own.</p> <p>Always use two people to lift or use mechanical Lifting aid such as hydraulic lifting trolley.</p>
<p>Vehicle Support</p> 	<p>Always ensure vehicle is properly supported when working on it. Do not attempt to fit products whilst suspension work is being carried out. Do not work under a vehicle supported only by a jack.</p>



1. First thing is to Assemble the roof rack. Start by setting out the 7 extrusions on a table. Position them so they sit approximately 200mm apart.

TOOLS REQUIRED

FASTENERS



2. Fit the side rail to the extrusion,

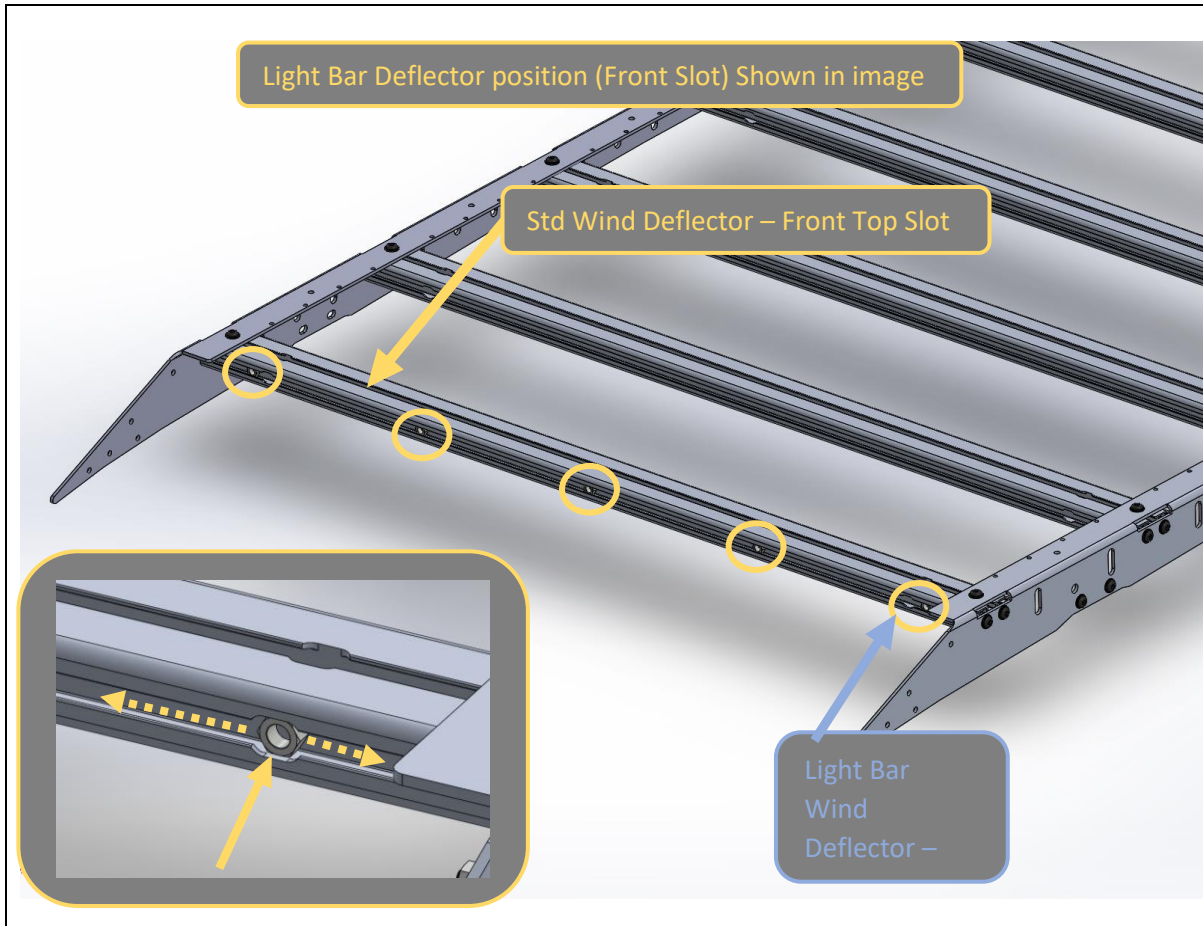
This is easiest to do when the ends of the extrusions are hanging over the edge of a table / workbench. Leave all these bolts loose at this stage

3. Secure using M8x20 Button Head bolts through the side face into the Tapped holes on the side face of the extrusion.
4. Complete steps 3 through 5 for the other side of the rack assembly to fit the other side rail.

TOOLS REQUIRED
5MM Hex Key

FASTENERS

14x M8x20 Button head bolt.
14x M8 Flat Washer



<p>5. If fitting the standard wind deflector fit the 5x M8 in nuts to the top front slot of the front most extrusion member.</p> <p>6. Move nuts side to side using screwdriver to move nuts into correct positions.</p>	<p>TOOLS REQUIRED Screwdriver</p>
<p>7. If fitting the optional light bar wind deflector, fit the nuts to the front slot of the front extrusion member.</p>	<p>FASTENERS 5x M8 Nuts</p>



8. Place the wind deflector on top of the rack backwards and move the nuts in the extrusion to match the hole positions of the wind deflector.
9. Fit the wind deflector to the rack assembly. The deflector should sit inside the side rails and on top of (Standard type) or in front (Light bar type) the first extrusion member. Secure at bottom using one M6x20 Button Head Bolt
10. Secure the wind deflector to the extrusion with M8x16 button head bolts and Flat washers into the nuts in the extrusion.

TOOLS REQUIRED

FASTENERS

- 5x M8x16 Black Button Head
- 5x M8 Black Washer
- 2xM6x20 Black Button Head
- 2xM6 Black Washer



11. Fit the remaining M6x20 Button Head bolts to the side.
12. Tighten all bolts securing the wind deflector to the side rails and extrusion
13. Tighten all bolts securing the side rails to the other extrusions.

TOOLS REQUIRED

5mm Hex Key
4mm Hex Key

FASTENERS

4xM6x20 Black Button Head
4xM6 Black Washer



14. Now its time to drop the roof liner! Throughout this process make sure to be careful and methodical. Take care to ensure parts are kept organized so they can be replaced in the correct locations.

15. Remove the front Grab handles. Pry open the rubber covers using a trim tool, then unbolt the 6mm bolts securing the handles to the A-Pillar.

16. Remove the rear passenger Grab Handles on the B-Pillar using the same procedure.

TOOLS REQUIRED

6mm Socket
Flat head screwdriver
or
trim tool

FASTENERS



17. Remove the sun visor keepers. Unclip the screw cover with trim tool or small Flat screwdriver
18. Remove screw with T20 Torx Screwdriver.
19. Complete for both sun visor Keepers.

TOOLS REQUIRED

Flat head screwdriver or trim tool
T20 Torx

FASTENERS



20. Remove the sun visors. Unclip the screw cover with trim tool or small Flat screwdriver from the top of the cover as shown. Once unclipped move the trim down the visor shaft to reveal the screws

21. Remove the 2x screws securing visor with T20 Torx Screwdriver.

22. Unplug the vanity light electrical connector. This connector was quite stubborn for us so it is OK to leave hanging if difficult to remove.

23. Complete for both sun visors.

TOOLS REQUIRED

Flat Head screw driver/ Trim tool
T20 Torx bit

FASTENERS



24. Remove A pillar trim by gently pulling from the top of the panel to release the clips.
25. Take care not to damage the speaker wire in the bottom of panel.

TOOLS REQUIRED

FASTENERS



26. Unplug the harness for the speaker and remove the A pillar trim panel.

27. Repeat for other side

TOOLS REQUIRED

FASTENERS



28. Using trim tool, peel covers from inside of Grab handle to reveal screws.

29. Remove screws with T20 Torx screwdriver

30. Remove Grab handle.

31. Repeat for other side.

32. Remove rear seat passenger Grab Handles using same procedure.

TOOLS REQUIRED

**Trim Tool/ Flat head screwdriver
T20 Torx**

FASTENERS



33. Using trim tool, peel covers from inside of Coat hooks (near C Pillar) to reveal screws.
34. Remove screws with T20 Torx screwdriver
35. Remove Coat Hook.
36. Repeat for other side.

TOOLS REQUIRED

Trim Tool/ Flat head screwdriver
T20 Torx

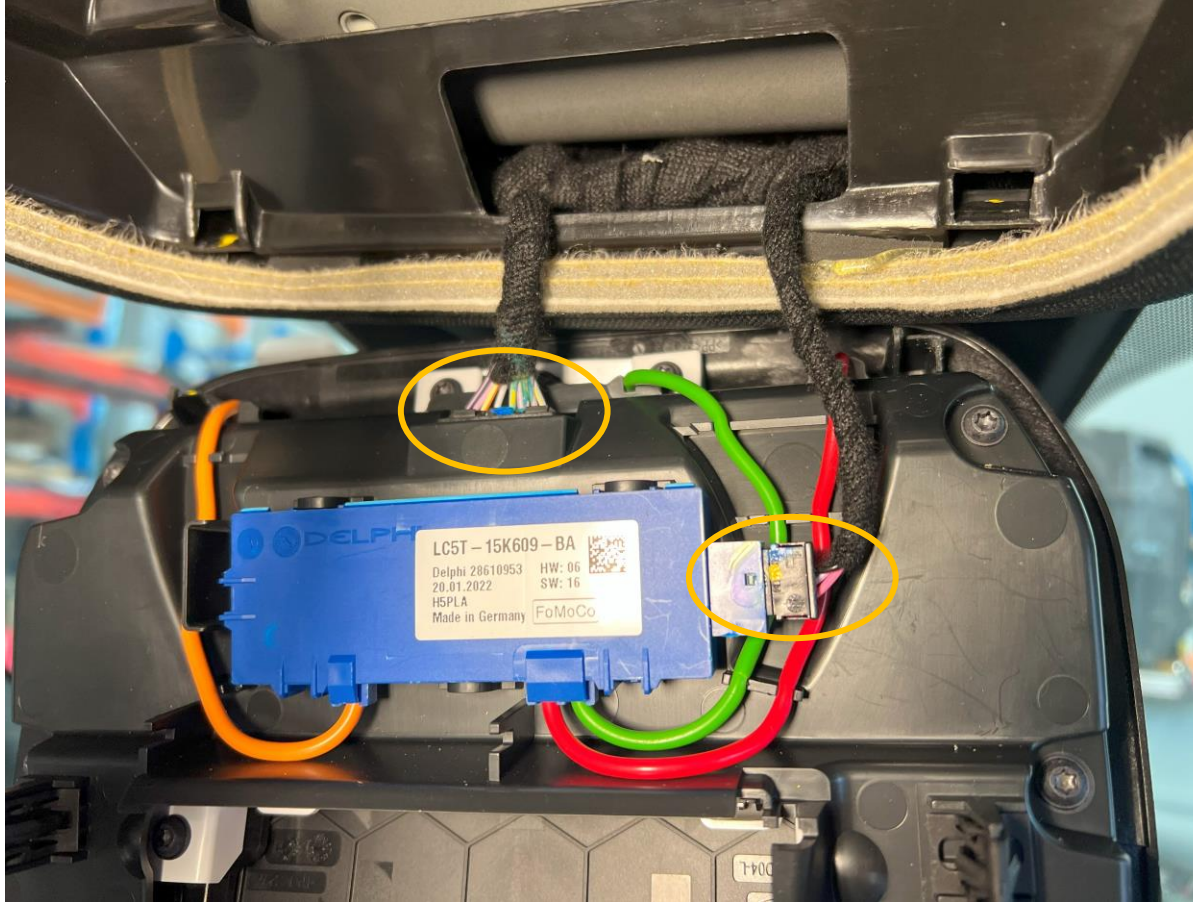
FASTENERS



37. Open Sunglasses holder and gently pull center roof console down from rear.
38. Move your hands to the middle of console once the back clips give and pull down from the middle to release all the clips.

TOOLS REQUIRED

FASTENERS



39. Disconnect all electrical harness connectors.

40. Remove the center roof console piece.

TOOLS REQUIRED

FASTENERS



41. Using a T20 Torx bit, remove 2 screws shown securing the plastic roof liner support to the roof.

TOOLS REQUIRED
T20 Torx bit

FASTENERS



- 42. Remove the plastic camera / mirror surrounds. First unclip the center piece, then remove main piece from the bottom corner.
- 43. The mirror will need to be manipulated to allow the trim to be removed.

TOOLS REQUIRED

FASTENERS



44. Pop top cover off Seat belt loops to reveal Seat belt Shoulder Bolt

45. Complete for all 6x Seat belt loops in vehicle.

TOOLS REQUIRED
Flat Head screwdriver/ Trim tool

FASTENERS



46. Using T50 Torx Driver remove seat belt shoulder bolts and let seat belts hang down.
47. Complete for all 6x Seatbelts in vehicle. Ensure that all captive washers remain on Shoulder bolt in correct order.

TOOLS REQUIRED
T50 Torx bit

FASTENERS



48. Lift up rear cargo cover to reveal rear Jack/Tool Storage area.
49. Remove Jack and Tool Kit with hand bolt.
50. Remove the 10mm Dome Nuts securing the Jack/Tool Storage area tray to the floor of the vehicle.

TOOLS REQUIRED
10mm Socket

FASTENERS



51. Release the 2x Clips securing the Jack/Tool Storage area tray to the rear trim and lift out the Jack/Tool Storage area tray.

TOOLS REQUIRED

FASTENERS



52. Remove the rear step trim, pull firmly from the inside upward, starting at each end to progressively release clips.

TOOLS REQUIRED

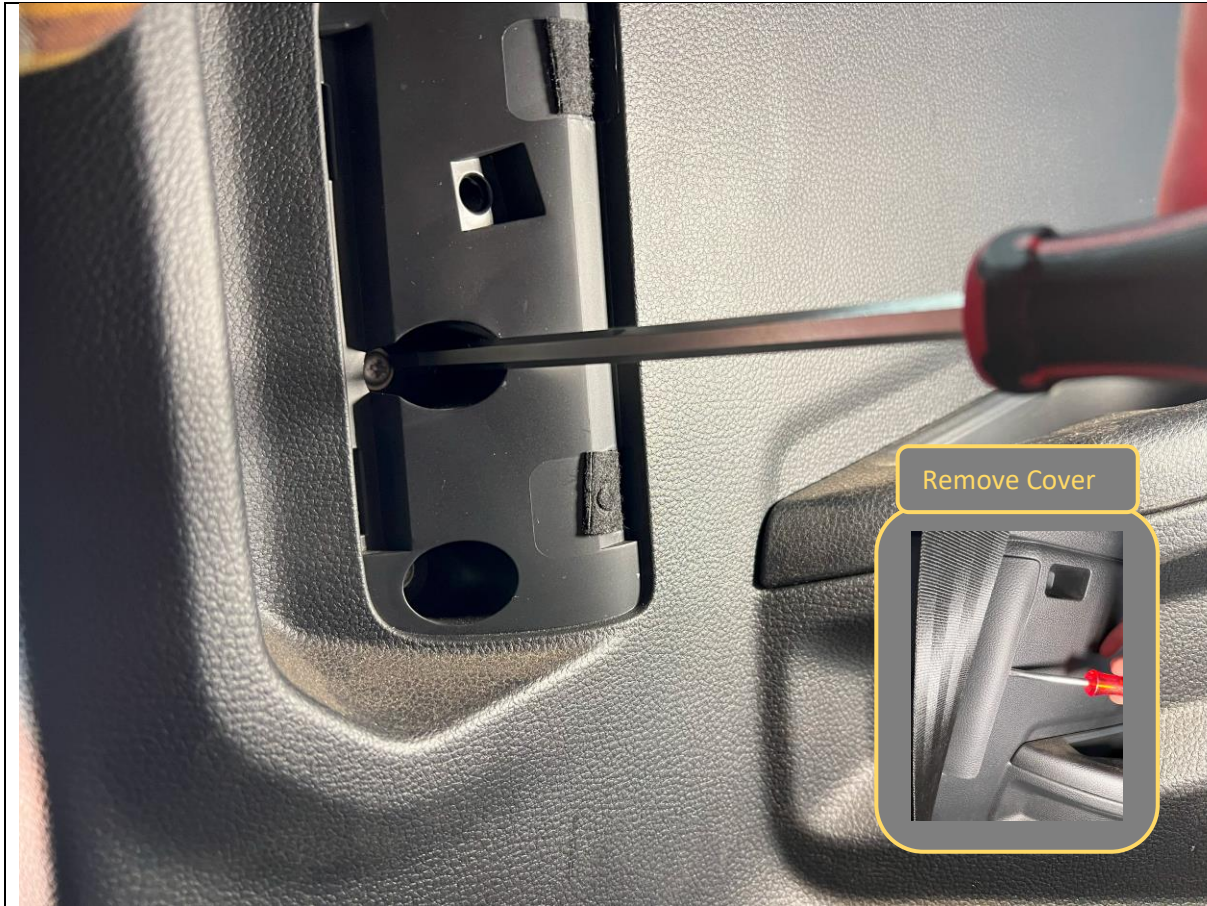
FASTENERS



53. On the RHS Only remove the tie down point from the side of the cargo area by removing the 2x T30 Countersunk Screws

TOOLS REQUIRED
Torx T30 Driver

FASTENERS



Remove Cover

<p>54. On the RHS Only remove the long cover panel immediately behind the 2nd Row seat on the side panel using a trim tool.</p> <p>55. Remove the 2x Phillips head Screws securing the side panel to the vehicle.</p>	<p>TOOLS REQUIRED Phillips Head Screwdriver</p>
	<p>FASTENERS</p>



56. On the RHS Only remove the Lower seatbelt anchor cover for the 2nd Row RH Seatbelt.

57. Using A T50 Torx Bit remove the Seatbelt Shoulder Bolt.

TOOLS REQUIRED

T50 Torx Bit
Trim Tool

FASTENERS

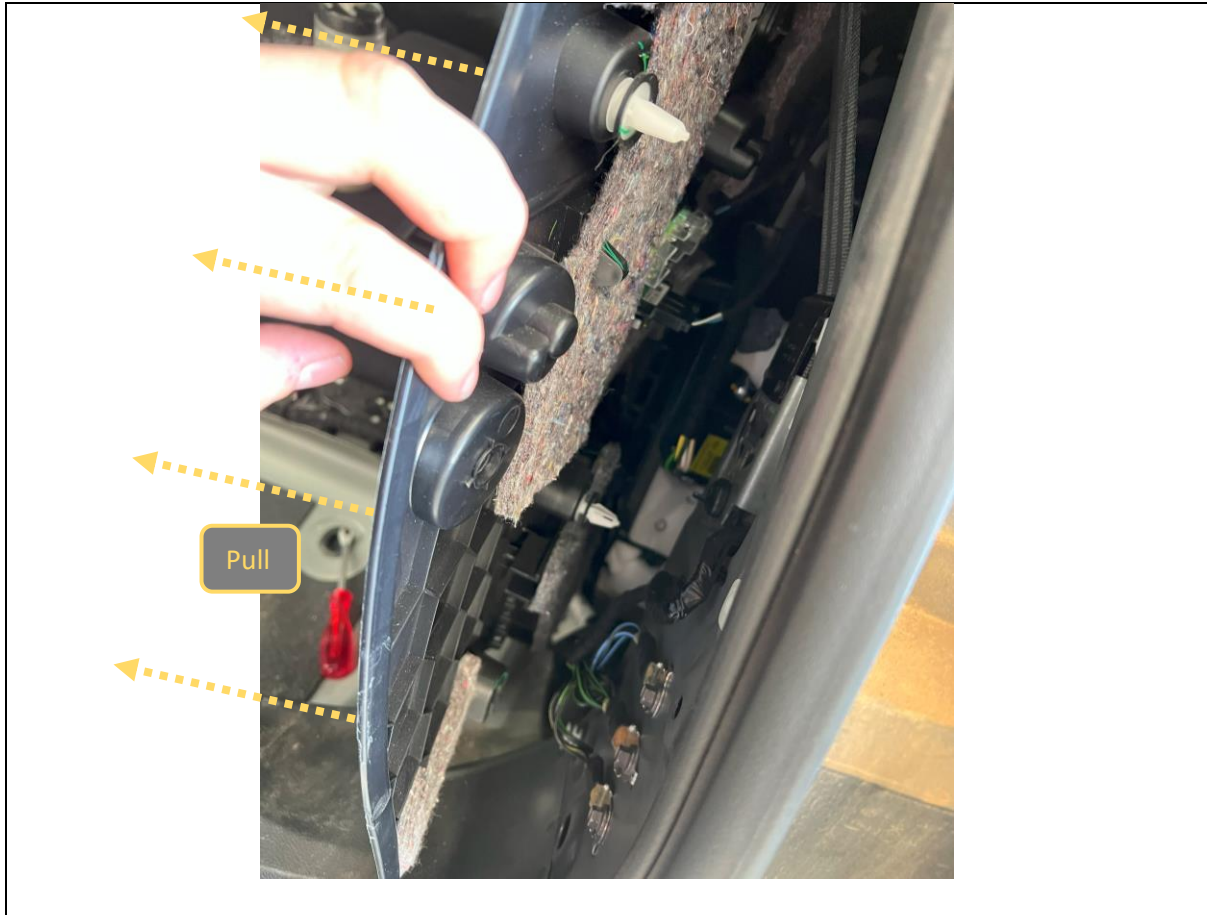


58. On the RHS Only remove the Lower Door Kick Panel. It is secured by clips only and can be stubborn to remove.

59. Check panel once removed to ensure clips remain in the panel. If any clips remain in the vehicle, remove and re-fit to the panel.

TOOLS REQUIRED

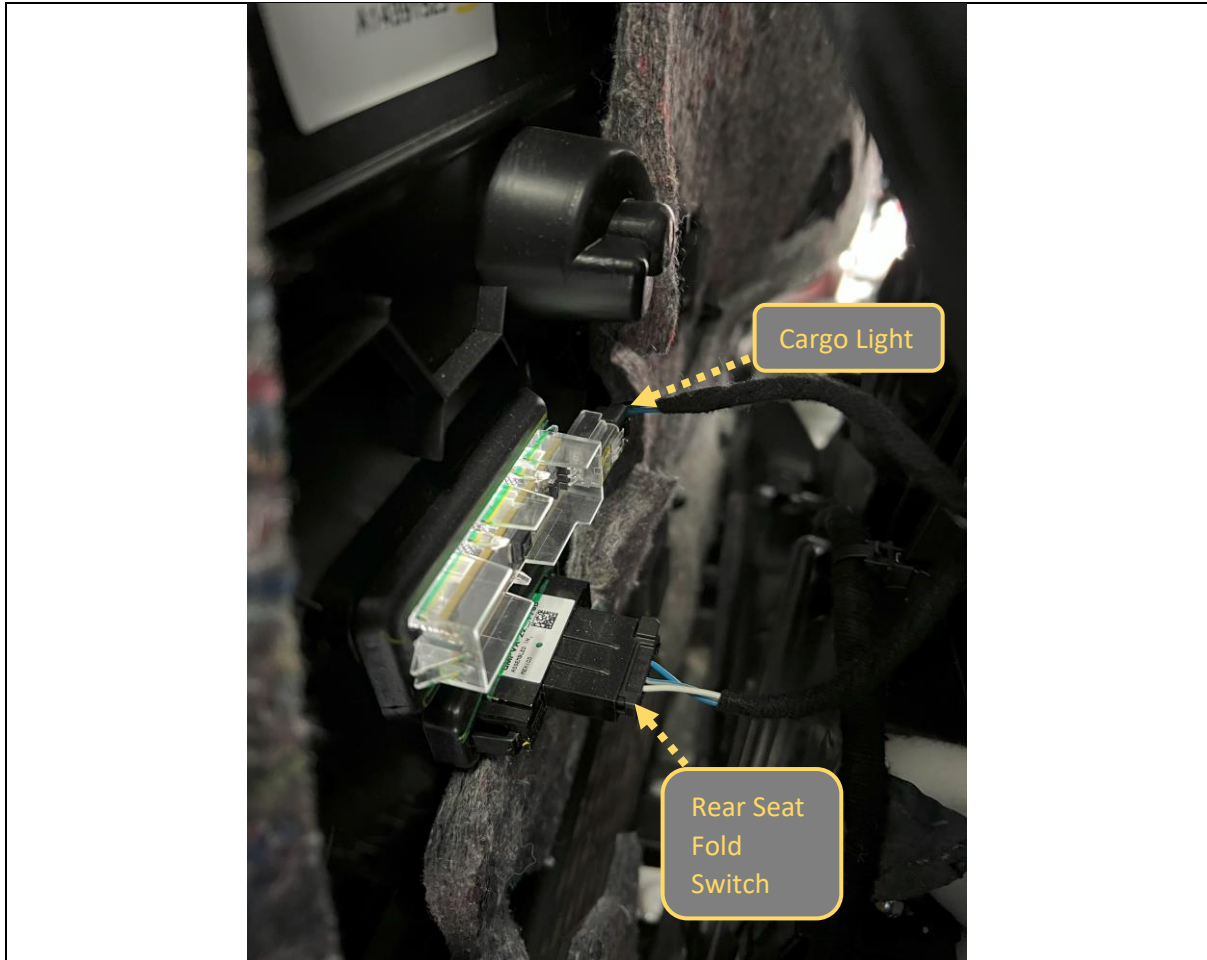
FASTENERS



60. On the RHS Only remove the Lower side cargo area trim panel. Start by pulling away from body near the rear tailgate rubber to start releasing clips.

TOOLS REQUIRED

FASTENERS



61. Once enough clips are released for access, unplug the cargo light and rear seat fold switches (if equipped).

TOOLS REQUIRED

FASTENERS



62. Continue releasing clips until panel is loose, then remove the panel.
63. Check panel once removed to ensure clips remain in the panel. If any clips remain in the vehicle, remove and re-fit to the panel.

TOOLS REQUIRED

FASTENERS



64. Peel rubber seal from sides and top of each of the 4 doors.
65. **DO NOT** peel rubber away from rear tailgate door. It is secured with permanently sticky sealant that will get everywhere!

TOOLS REQUIRED

FASTENERS



66. Grab top of B Pillar and release clips holding it in place.
67. Work your way down the top panel till all clips are released.
68. Release top clips for bottom panel which overlaps the top.
69. Remove top B pillar panel.
70. Repeat for other side.
71. Remove C pillar trims using same procedure.

TOOLS REQUIRED

FASTENERS



72. Ensure that metal clips remain on the pillar trims.

73. If they have been left in the body after panel removal, remove metal clips with pliers and re-fit to the trim panels.

TOOLS REQUIRED

Pliers

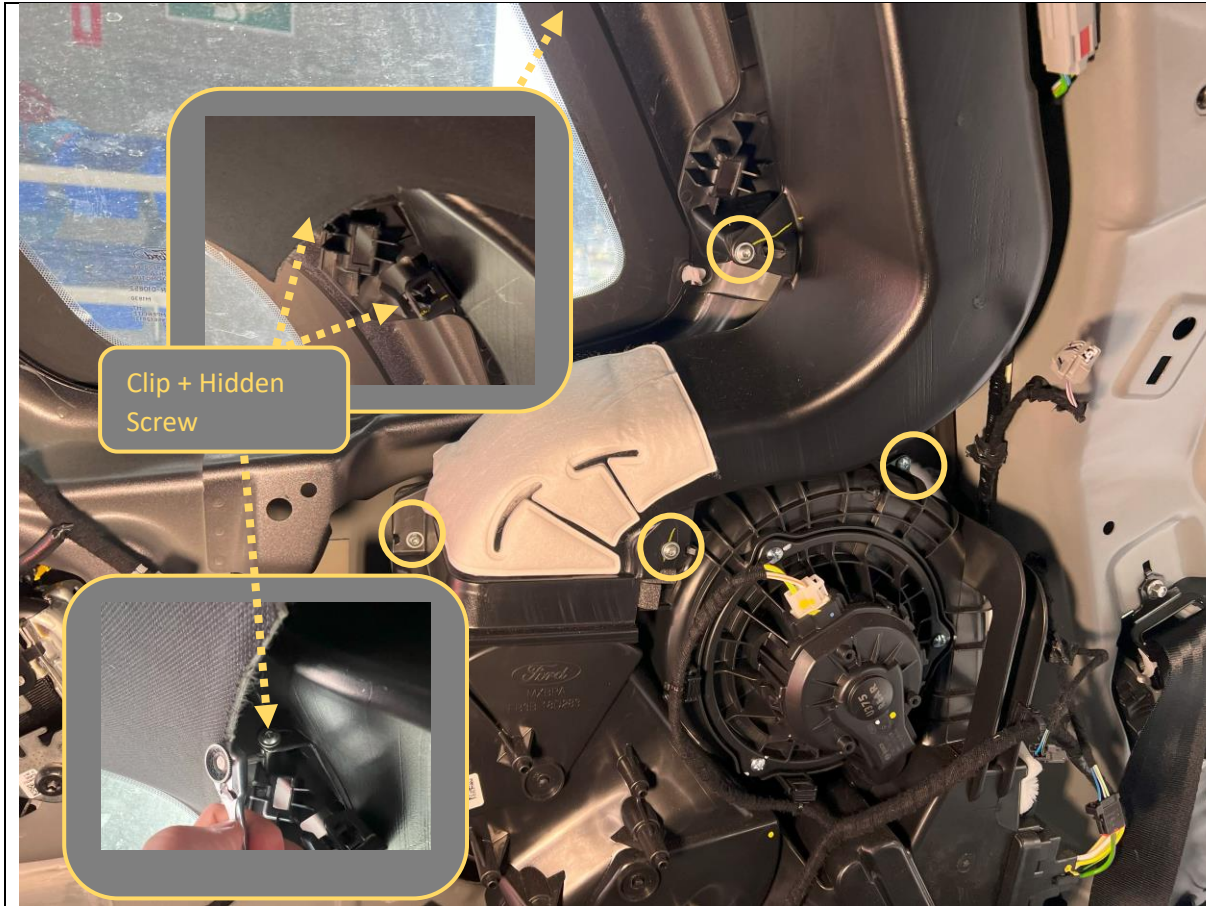
FASTENERS



74. Grab top of D Pillar Trim and release clips holding it in place
75. Work your way down and around the panel till all clips are released.
76. Release top clips for bottom panel which overlaps the top (LH)
77. Once panel is loose Disconnect Speaker Cable
78. Remove Top D pillar panel.
79. Repeat for other side

TOOLS REQUIRED

FASTENERS



- 80. On RH side the Rear AC duct needs to be removed to access the roof rail bolt.
- 81. Remove the T20 Screws securing the Rear AC Duct to the vehicle and air handler.
- 82. There is also a clip near the top of the duct. Squeeze and push through to release.

TOOLS REQUIRED
T20 Torx Driver

FASTENERS



83. It is finally time to drop the liner!

84. The liner is held in place to the roof by magnets. Carefully, with the help of another, progressively pull down on the edges of the liner, starting from the front and working towards the back.

85. Let the head liner rest upon the seat headrests.

TOOLS REQUIRED

FASTENERS



86. Using 8mm Socket, remove the rear bolt securing the air bag support bracket, and loosen the front bolt. Let the bracket hang down slightly, being careful not to let the airbag crease significantly.

TOOLS REQUIRED
8mm Socket

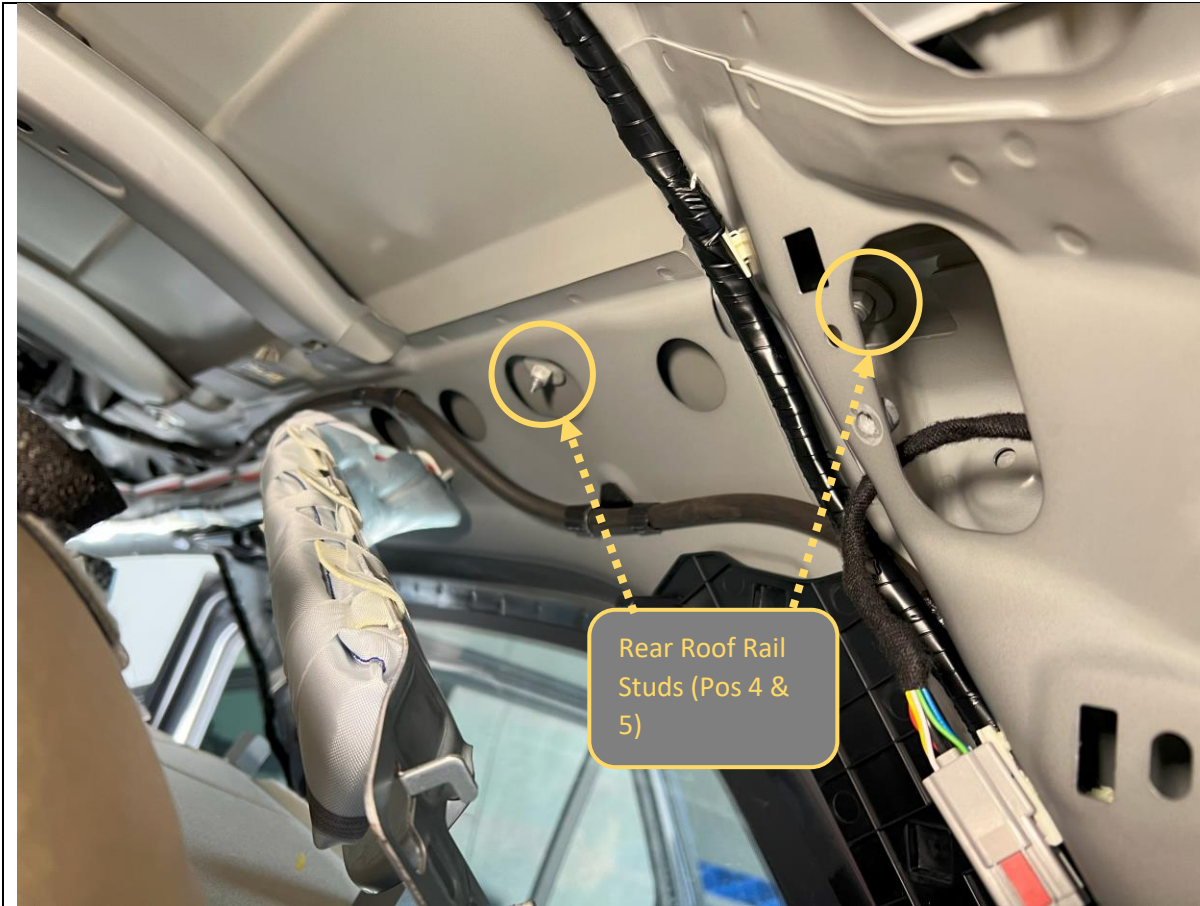
FASTENERS



- 87. This will create room allowing the removal of the Rear AC ducting.
- 88. Remove the air duct, being careful not to bend the airbag support bracket and it and set aside.

TOOLS REQUIRED

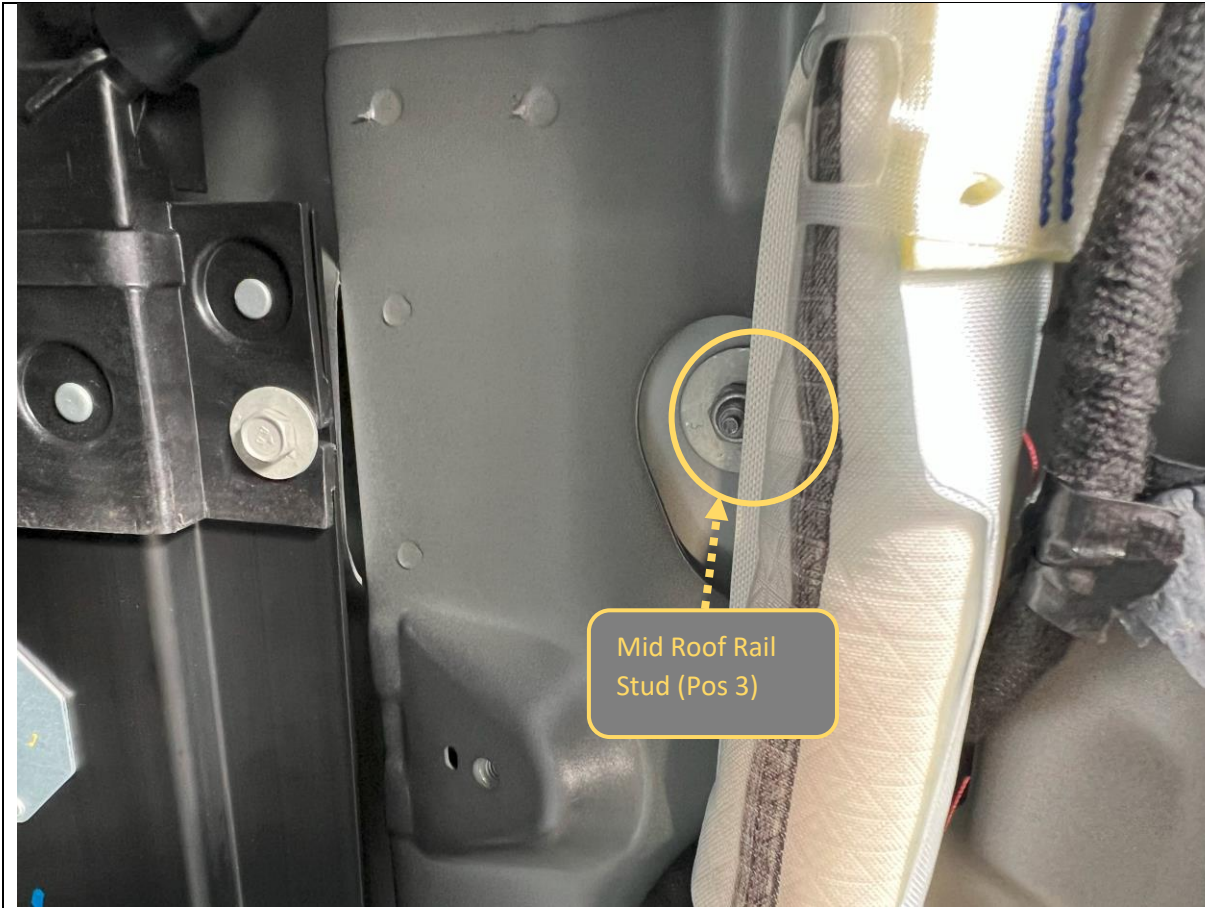
FASTENERS



89. You can now finally access the fasteners securing the factory roof rails to the roof. Take time now to find and identify them as they are difficult to access.
90. There are 5x Nuts secured to studs on the roof rail for each rail.
91. Photo above shows Rear RHS looking in from the tailgate.

TOOLS REQUIRED

FASTENERS

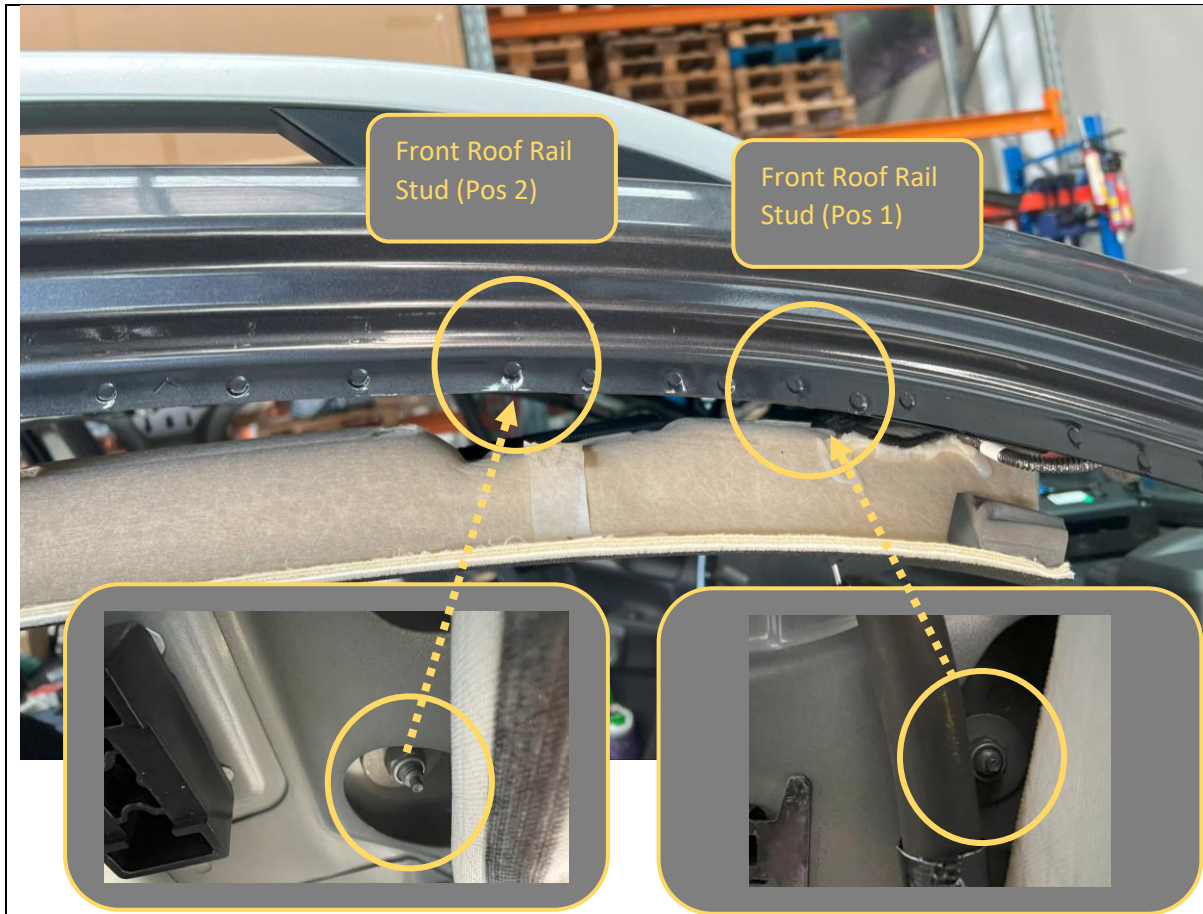


92. Photo above shows Mid RHS Stud Location,

93. Looking from underneath within rear door opening.

TOOLS REQUIRED

FASTENERS



94. Photo above shows Front RHS Stud Location,

95. Inset photos are from underneath within Front door opening.

96. Once all locations are identified remove all the M6 Large Flange Nyloc nuts securing the roof rails to the roof.

We Recommend using a 10mm Deep socket with varying length extension bars to suit each location.

97. Ensure extra care is taken not to damage the curtain airbags. Additionally Take care not to drop the nuts (particularly rear ones) into body cavities.

TOOLS REQUIRED
10MM (Deep) Socket
Extension Bars

FASTENERS



98. Start lifting off the factory roof rails, from the rear.
99. Use a plastic trim tool to slide underneath as you are progressing and break the foam tape bond between the roof rail and roof surface.
100. Once free lift off the factory roof rail and discard.

TOOLS REQUIRED

FASTENERS

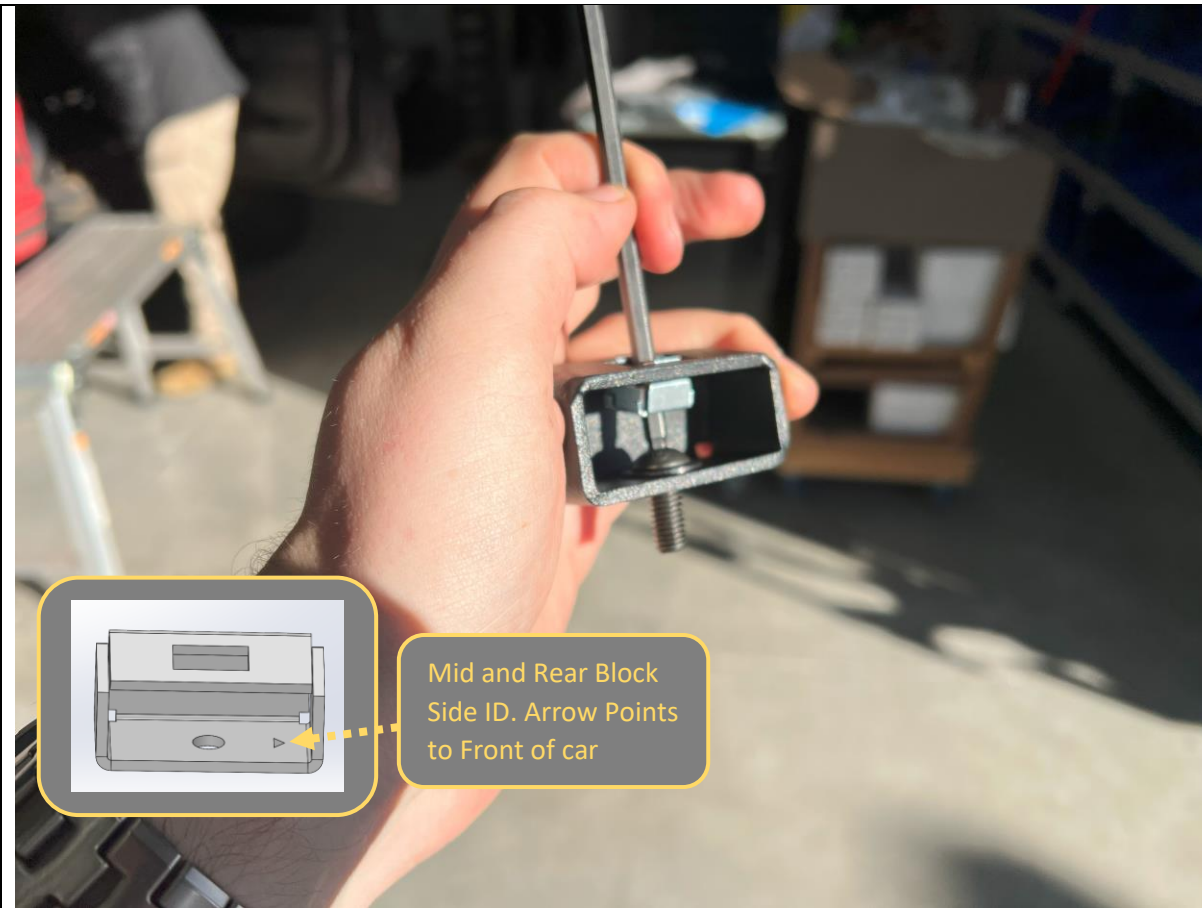


101. Peel off the remaining foam tape from the roof gutter. Use a plastic trim tool to assist removal.
102. Clean the adhesive residue and any dirt from the roof gutters using isopropyl alcohol.

TOOLS REQUIRED

Plastic Trim Tool
Isopropyl Alcohol
Rag

FASTENERS



103. Gather and prepare the mounts for fitment, including the required Automotive sealant, Thread Lock and Thread Sealant. Ensure to identify correct sides for brackets as they are handed.

104. Offroad Animal Recommends the following products for this application
Sealant – Sika SikaFlex227
Thread Locker – Loctite 243 (Blue)
Thread Sealer – Loctite 577

105. Pre-Fit the M8x20 Button Head Screw, Flat Washer then fit M8 Cage Nut for the center Mounts as shown.

106. It is also helpful to secure the M8HD washers to the M8 Flange nuts, where they are to be fitted to the underside of the roof. This just makes it easier to position during assembly. This is best achieved with a tiny amount of Blu-Tac or similar.

TOOLS REQUIRED

Blu Tack

FASTENERS

Front

- 1xM8x20 Hex Bolt
- 1xM6x20 Black BHCS
- 1x M6 Black Washer
- 1xM8 HD Washer
- 1x M8 Flange Nut
- 1x M6 Large Nyloc Flange Nut (Re-use)

Mid

- 1xM8x20 Black BHCS
- 1M8 Black Washer
- 1xM8 HD Washer
- 1x M8 Flange Nut
- 1xM8 Cage Nut

Rear

- 1xM8x20 Black BHCS
- 1xM6x20 Black BHCS
- 1xM8 Black Washer
- 1x M6 Black Washer
- 1xM8 HD Washer
- 1x M8 Flange Nut
- 1x M6 Large Nyloc Flange Nut (Re-use)



107. Fit the front Mount.
108. First place a generous bead of Automotive Sealant around the two openings in the roof channel.
109. Apply Thread Lock to the M6 Bolt and Thread Sealant to the M8 Bolt.
110. Insert the M6 Bolt to the front mounting point on the mount, then place the mount onto the vehicle. Secure loosely on underside with re-Used M6 Large Flange Nyloc Nut.
111. From the underside insert the M8x20 Hex Bolt and HD washer. With assistance to hold the M8 Flange nut in place with an Open-end spanner, Thread the M8 Bolt in place.
112. Once both bolts are in place progressively tighten mount, alternating between bolts until both are tight. Sealant squeeze out should be observed.
113. We found it easier to tighten from the bottom and hold from the top of the fasteners.

TOOLS REQUIRED

- 10mm socket
- 13mm Socket
- 13mm Open End Spanner
- 4mm Hex Key
- Thread Sealant
- Thread Locker
- Automotive Sealant

FASTENERS

- 1xM8x20 Hex Bolt
- 1xM6x20 Black BHCS
- 1x M6 Black Washer
- 1xM8 HD Washer
- 1x M8 Flange Nut
- 1x M6 Large Nyloc Flange Nut (Re-use)



114. Fit the Mid Mount.
115. First place a generous bead of Automotive Sealant around the opening in the roof channel.
116. Apply Thread Lock to the M8 Bolt.
117. Take the pre-assembled Mount with the M8 Bolt and place the mount onto the vehicle. Secure loosely on underside with M8 Flange Nuts and HD Washer.
118. Tighten mount, Sealant squeeze out should be observed. Use 5mm Allen Key through the top of the mount to hold the M8 Button head whilst tightening from the bottom.

TOOLS REQUIRED

- 13mm Socket
- 13mm Open End Spanner
- 5mm Hex Key
- Thread Locker
- Automotive Sealant

FASTENERS

- 1xM8x20 Black BHCS
- 1M8 Black Washer
- 1xM8 HD Washer
- 1x M8 Flange Nut
- 1xM8 Cage Nut



119. Fit the Rear Mount.
120. First place a generous bead of Automotive Sealant around the two openings in the roof channel.
121. Apply Thread Lock to both the M6 Bolt and M8 Bolt.
122. Insert the Both Bolts to the mounting points on the mount, then place the mount onto the vehicle. Secure loosely on underside with re-Used M6 Large Flange Nyloc Nut and M8 Flange Nuts and HD Washer.
123. Once both bolts are in place progressively tighten mount, alternating between bolts until both are tight. Sealant squeeze out should be observed.
124. We found it easier to tighten from the bottom and hold from the top of the fasteners.
125. Complete mount fitting for other side of vehicle using same procedure.

TOOLS REQUIRED

- 10mm socket
- 13mm Socket
- 4mm Hex Key
- 5mm Hex Key
- Thread Sealant
- Thread Locker
- Automotive Sealant

FASTENERS

- 1xM8x20 Black BHCS
- 1xM6x20 Black BHCS
- 1xM8 Black Washer
- 1x M6 Black Washer
- 1xM8 HD Washer
- 1x M8 Flange Nut
- 1x M6 Large Nyloc Flange Nut (Re-use)



126. Fit the front mount L brackets to the front mount point, using M8x20 Hex Bolts, washers, and Flange Nuts
127. Leave bolts finger tight at this stage.
128. Fit mount bracket on other side of vehicle too.

TOOLS REQUIRED

FASTENERS

2x M8x20 Hex Bolt
2x M8 washer
2x M8 Flange Nut

Per Side



129. Place soft blanket on roof to protect as rack is lifted on.

130. With assistance from others (Recommend 4x People) Lift the rack onto the vehicle. Take care to thread through the antenna between the 6th and 7th extrusion rails.

131. Align rack with mounting points. Once aligned Slide front mount L brackets into correct position.

132. With assistance lift rack and tighten the 4x M8x20 Bolts securing the L brackets to the mount block.

TOOLS REQUIRED
13mm Open Spanner
13MM Socket

FASTENERS



133. Lower rack back down and secure Rack to L Brackets with 2x M8x20 Button head bolts and M8 Flat Washers Per Side

TOOLS REQUIRED
5MM Hex Key

FASTENERS
2x M8x20 Button head
2xM8 Flat Washer

Per Side



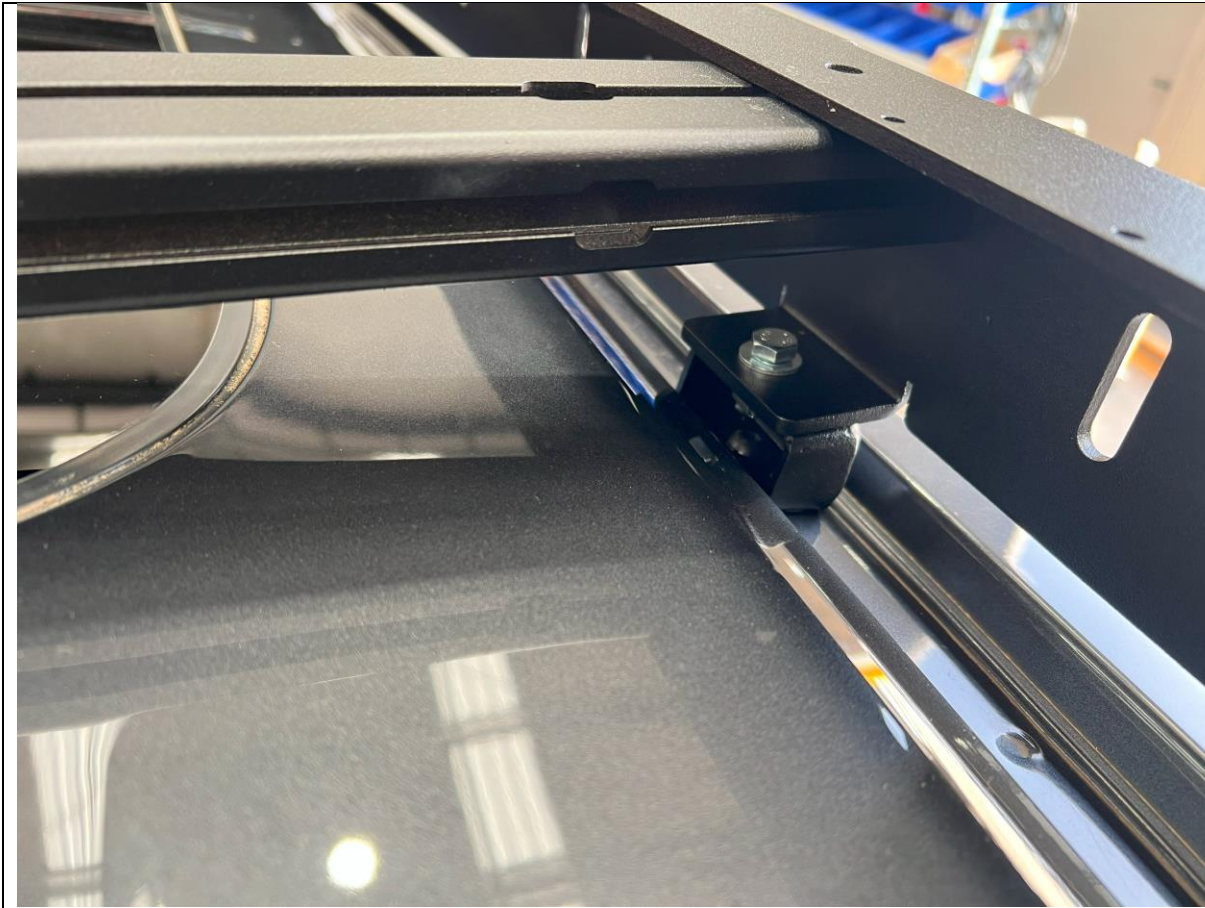
- 134. Secure the rack to rear mounts using 2x M8x20 Hex Bolts, washers, and Flange Nuts.
- 135. Complete for both sides but leave finger tight at this stage.

TOOLS REQUIRED

FASTENERS

- 2x M8x20 Hex Bolt
- 2x M8 washer
- 2x M8 Flange Nut

Per Side



136. Secure the rack to mid mounts using M8x20 Hex Bolt and washer into the pre-fitted Cage nut.

137. Leave bolt Finger tight at this stage.

TOOLS REQUIRED

FASTENERS

1x M8x20 Hex Bolt
1x M8 washer

Per Side



- 138. Tighten all Rack to mount bolts, working on alternating sides until all fasteners are tight.
- 139. This is best achieved with a Ratcheting spanner or a low clearance ratchet head.

TOOLS REQUIRED
13MM Ratchet Spanner
5MM Hex Key

FASTENERS



140. The Rack is now finally ON!

141. Re-Assemble interior using the reverse of the removal procedure, starting from step 88, and proceeding back to step 15.

Take care to ensure all electrical harnesses are re-connected. Ensure seat belt shoulder bolts are re-Torqued to factory specification.

142. Lucky last step, make sure you put on the logo plates or bad luck will befall you for the next year. There is one for each side, Put them under the first extrusion.

TOOLS REQUIRED

FASTENERS



You're DONE! Go Crack a Beer! You certainly deserve it after all that!

For contact details see www.offroadanimal.com.au