

Volkswagen Amarok NF 23+ Predator & Toro Front Bar



Volkswagen Amarok NF

Predator & Toro Front Bar Fitting Instruction

IMPORTANT! – READ BEFORE INSTALLATION

- When installed in accordance with these instructions, the front protection bar does not affect the operation of the vehicles SRS airbags.
- 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 – In the Box

Qty	Part Number	Description	Image
1	FB-VAM-NF- 23-PR-ASM1	Amarok NF Predator Welded Bar Assembly	
		Or	
1	FB-VAM-NF- 23-TOR- ASM1	Amarok NF Toro Welded Bar Assembly	
1	FB-VAM-NF- 23-PR- ASM2R	Amarok NF Front Bar Impact Assy	
1	FB-VAM-NF- 23-PR- ASM2L	Amarok NF Front Bar Impact Assy	
1	B-1043L	Amarok NF Chassis Brace	
1	B-1043R	Amarok NF Chassis Brace	
1	FB-VAM-NF- 23-PR-ASM4	Amarok NF Mesh Fairlead Assy	



1	M-0002L	Light Cover Mesh	CEBBERS S
1	M-0002R	Light Cover Mesh	
1	B-0772L	Ford Ranger Next Gen 4 bolt Fog Light Bracket	
1	B-0772R	Ford Ranger Next Gen 4 bolt Fog Light Bracket	
1	U-0070	Amarok NF Centre Bash Plate	
1	U-0071L	Amarok NF Side Underpanel	
1	U-0071R	Amarok NF Side Underpanel	
1	B-1047	Amarok NF Pan Brace	
1	P-0244	Ford Ranger Next Gen Radar Mount Plate	
1	B-0782	Ford Ranger Next Gen Predator - Number Plate Bracket	



1	B-1048	Amarok NF Grille Support Bracket	
1	B-1065R	Amarok Front Bar - Outer grille support Bracket	
1	B-1065L	Amarok Front Bar - Outer grille support Bracket	*
1	N-0004	Ford Ranger P703 Radar Cover Panel	
2	F-0010	Ford Ranger Next Gen Sensor Holder - Straight	
2	F-0011	Ford Ranger Next Gen Sensor Holder - 11 Deg Horizontal	
2	F-0012	Ford Ranger Next Gen Sensor Holder - 15 Deg Horizontal	
2	СРНР020	Plasitc Hole Insert, 28MM, Black, Tigerlink Hardware CPHP020	
1	TK-COM- PSEN-6	Tape Kit - 6 Sensor Universal	No image
1	TK-FB-FRA- NG-22	Tape Kit - Next Gen Ranger Front Bar	No image



Predator Small Parts – Contained in Small Parts Kit Bag

QTY.	PART NO.	DESCRIPTION
4	M8 X 20 BHCS BLACK	SCREW, BUTTON HEAD CAP, M8X20X1.25,
	ZINC	ISO4042 ZnNi BLACK PASSIVATED FINISH
6	M8 FLAT WASHER-	M8 FLAT WASHER, 16.5x8.4x1.2, ISO4042
	BLACK ZINC	ZnNi BLACK PASSIVATED FINISH
6	M8 X 20 HEX	Bolt Hex, M8X20x1.25, GR8.8 ZP
10	M8 FLAT WASHER	M8 FW
12	M8 FLANGE NUT	Flange Nut, M8x1.25 G8.8 ZP
8	M10 x 25	Bolt Hex, M10X25x[1.5], GR8.8 ZP
10	M10 FW LHD	WASHER, FLAT M10X28.5X2.5
8	M10 FLANGE NUT	Flange Nut, M10x1.5 G8.8 ZP
2	NP-COM-M10-190- ASM0	M10 LOLLYPOP NUT PLATE 190MM LONG
2	M8 X 16 BHCS BZP	SCREW, BUTTON HEAD CAP, M8X16X1.25 GR12.9, ISO4042 ZnNi BLACK PASSIVATED FINISH
40	M6x16 BHCS BLACK ZINC	SCREW, BUTTON HEAD CAP, M6X16X1 GR12.9, ISO4042 ZnNi BLACK PASSIVATED FINISH
40	M6 FLAT WASHER	M6 Flat Washer, 12x6.1x1, ISO4042 ZnNi
	BLACK ZINC	BLACK PASSIVATED FINISH
30	M6 FLANGE NUT	Flange Nut, M6x1 G8.8 ZP
8	M8 HD FLAT WASHER	M8 FLAT WASHER - High Tensile 19x8x1.9mm
2	M8 NYW	Washer, M8, Nylon
2	M8 NYLOC	M8 NYLOC SELF LOCKING NUT, ST STL, ZP
10	M12 FW LHD	M12 FW Large Heavy Duty
8	M12X30	Bolt Hex, M12X30x1.75, GR8.8 ZP
6	M12 FLANGE NUT	Flange Nut, M12x1.75 G8.8 ZP
2	M12 Nyloc nut	M12 NYLOC NUT, 1.75P
6	M8 X 25 HEX	Bolt Hex, M8X25x1.25, GR8.8 ZP
10	M6CN3MM	CAGE NUT M6x2.6-3.5
4	M8 X 12 HEX	Bolt Hex, M8X12x1.25, GR8.8 ZP
3	M10X25 BHCS	SCREW, BUTTON HEAD CAP, M10X25X1.5 GR12.9 ZP

Toro Additional Parts

QTY.	PART NO.	DESCRIPTION
2	B-0649	Toro Antenna Bracket - 90 Degree Tall
4	M8 X 20 BHCS BLACK	SCREW, BUTTON HEAD CAP, M8X20X1.25,
	ZINC	ISO4042 ZnNi BLACK PASSIVATED FINISH
4	M8 FLAT WASHER-	M8 FLAT WASHER, 16.5x8.4x1.2, ISO4042
	BLACK ZINC	ZnNi BLACK PASSIVATED FINISH



TOOLS REQUIRED

The following tools will be required to install the product.

Hand Tools	Power Tools	Workshop Supplies
Metric Socket Set 8-	Electric/Air Impact	Panel Stand or Soft
19mm	Driver (Optional)	Blanket
Socket Extension Bar	Air Hacksaw	Cable Ties
Metric Spanner Set 10-	Or	Masking Tape
19mm	Oscillating Multi Tool	Black Automotive
Hex (Allen) Key Set 4-	Or	paint
6mm	Angle Grinder	Scotch Brite or Fine
Torx Key Set		Sandpaper
Trim Puller Tool		
Flat Blade Screwdriver		
set		
Phillips Head		
Screwdriver set		
Utility Knife		
Side Cutters		
Pliers		



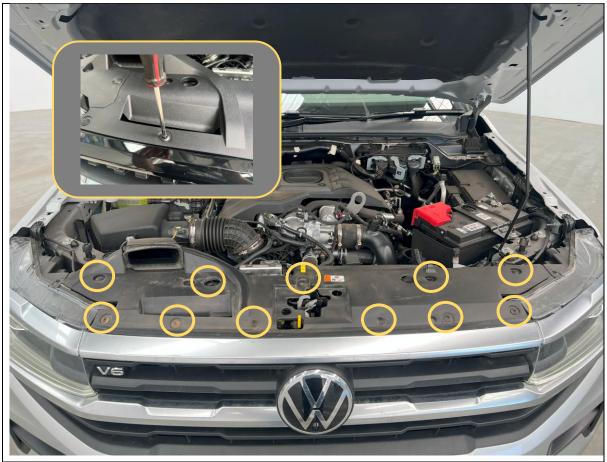
WORKSHOP SAFTEY

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.

Hearing Protection	Always wear ear protection when using power tools.
Eye Protection	Ensure eye protection is always worn when cutting or drilling.
Manual Handling	Do not attempt to lift bar assemblies or rock sliders on your own. Always use two people to lift or use mechanical Lifting aid such as hydraulic lifting trolley.
Vehicle Support	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.



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- 1. If Relocating Front Camera Read and understand camera relocation bracket instructions before beginning work.
- 2. DO NOT turn on or move car whilst any camera or radar systems are disconnected. Failure to observe this precaution will result in system errors that will need car to be taken to Volkswagen Dealership to resolve. Keep proximity keys away from vehicle and out of range to minimize the chances of computers activating whilst modules are disconnected.
- 3. Open the Bonnet
- 4. Remove scrivets securing the top radiator cowling. Unscrew center section with Phillips screwdriver to unlock, then remove clip with trim tool.
- 5. Retain all clips for reassembly

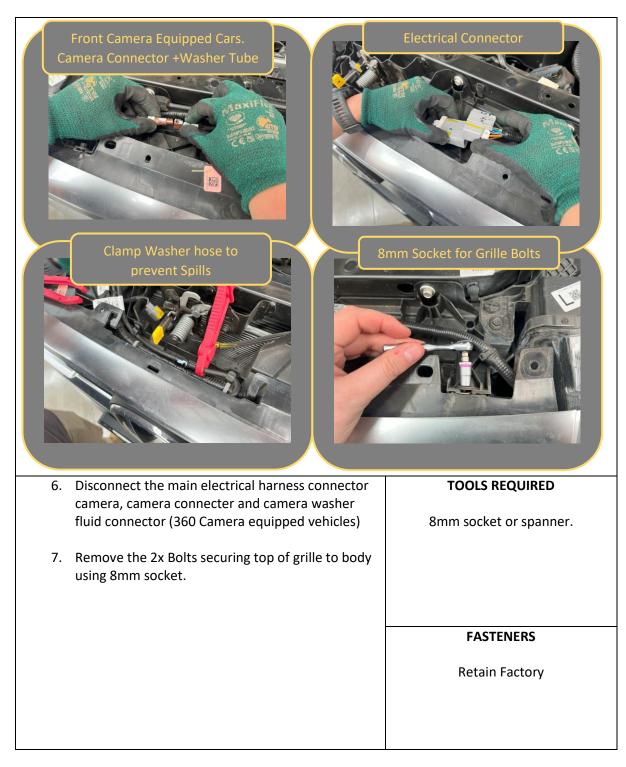
TOOLS REQUIRED

Trim Tool Phillips Screwdriver

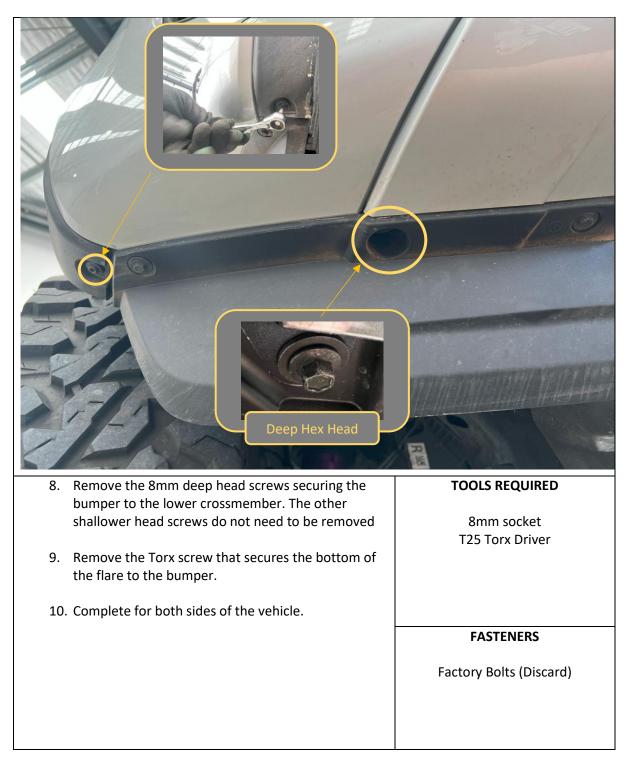
FASTENERS

Retain Factory

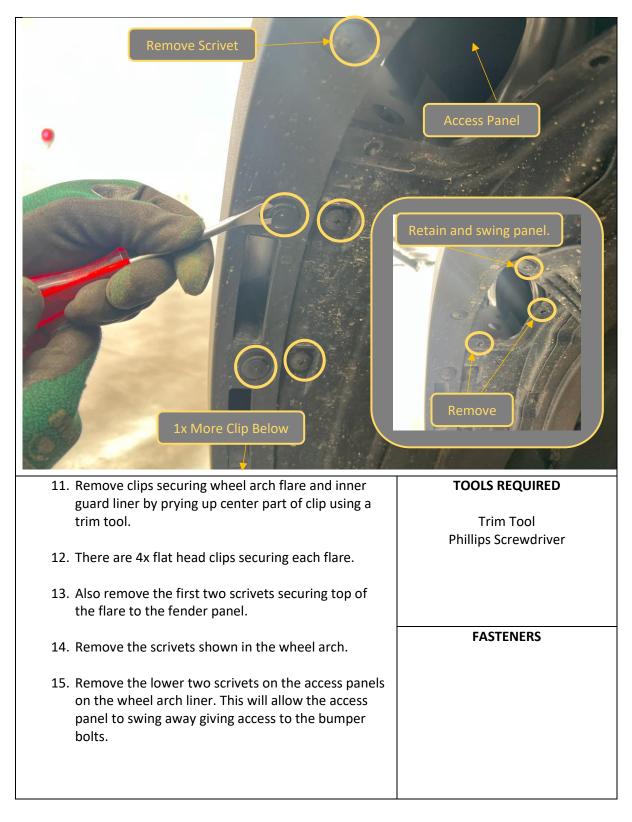




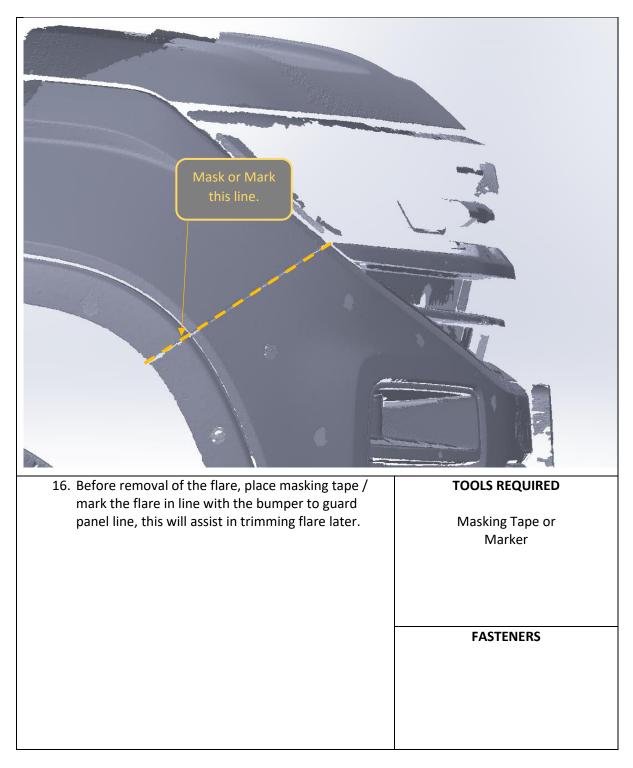


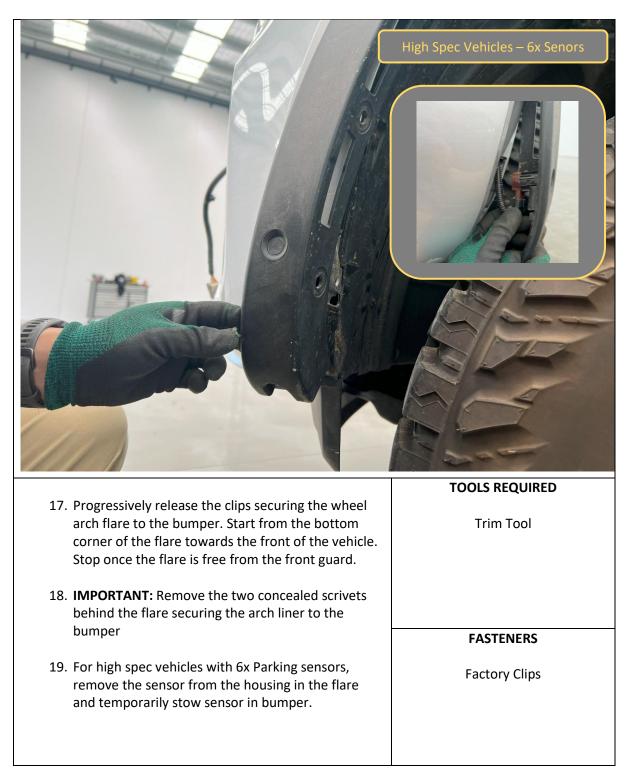




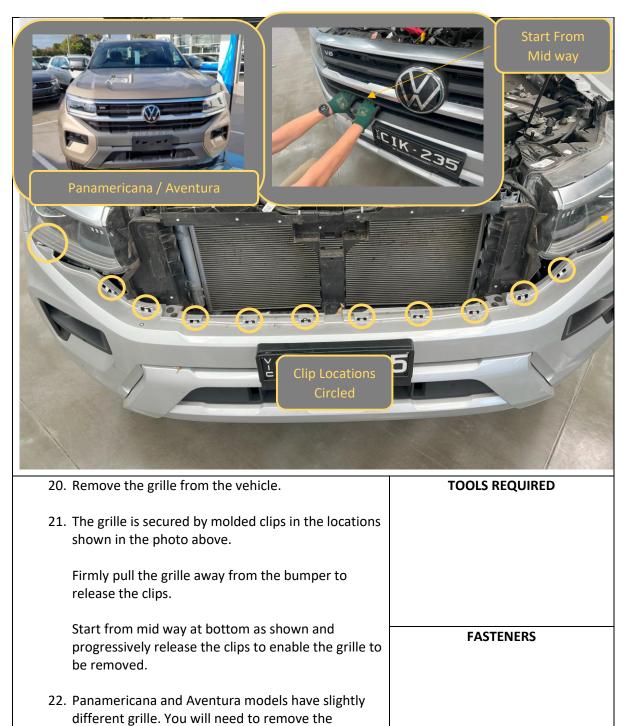








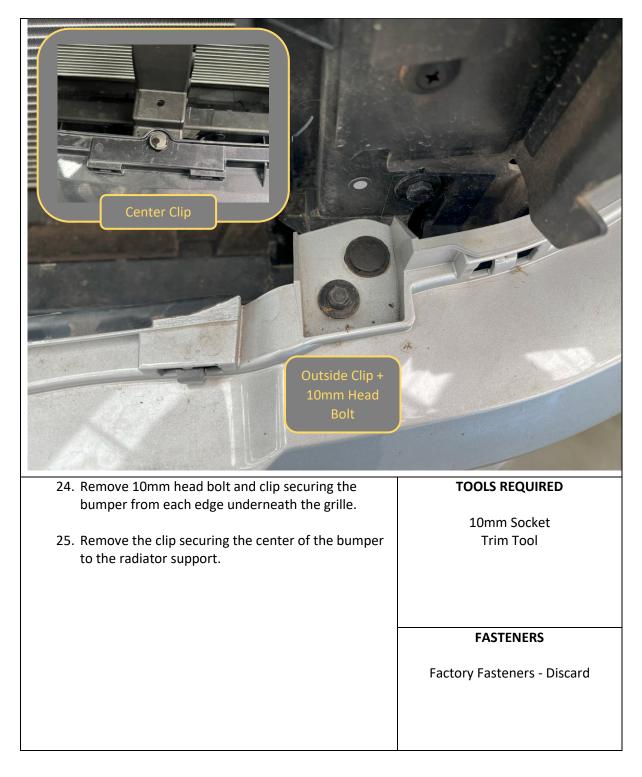




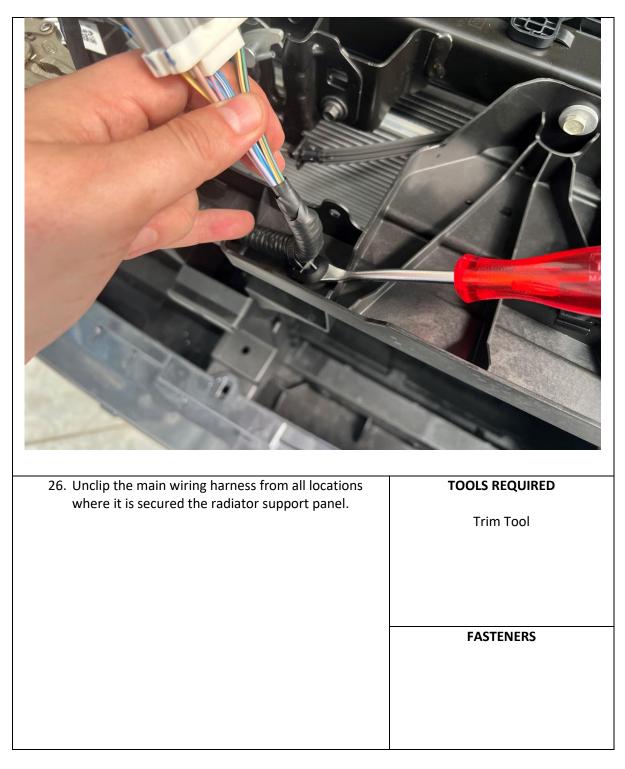
23. If Relocating Front Camera – Camera and washer can be removed from grille. Refer to Camera relocation kit instructions.

number plate plinth before removing the grille.

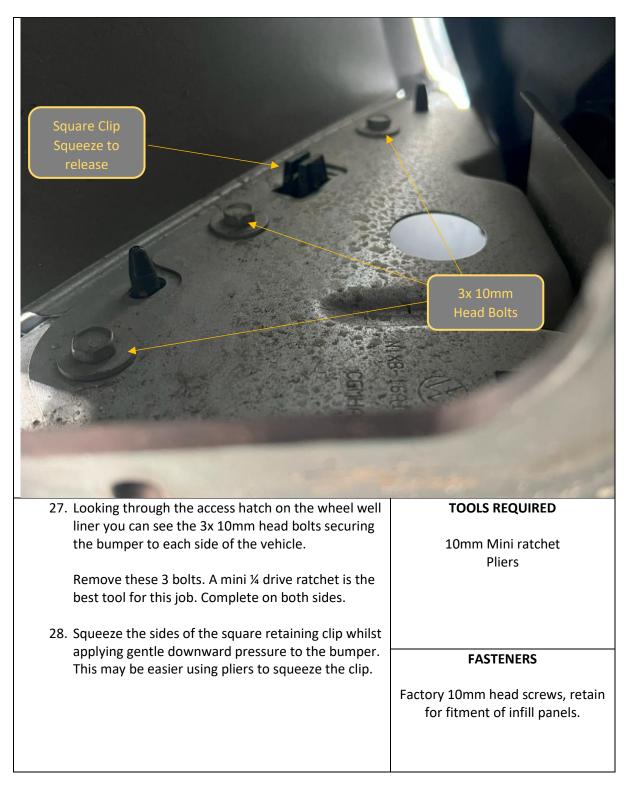




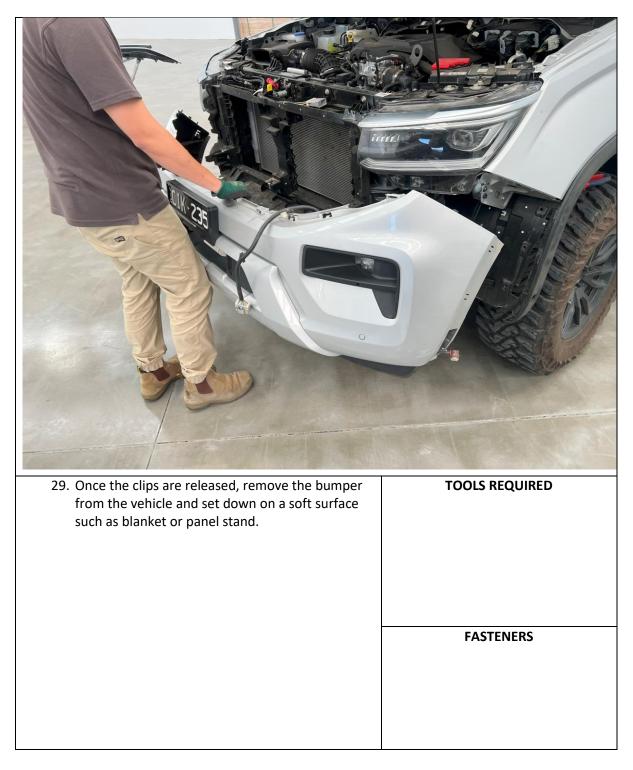






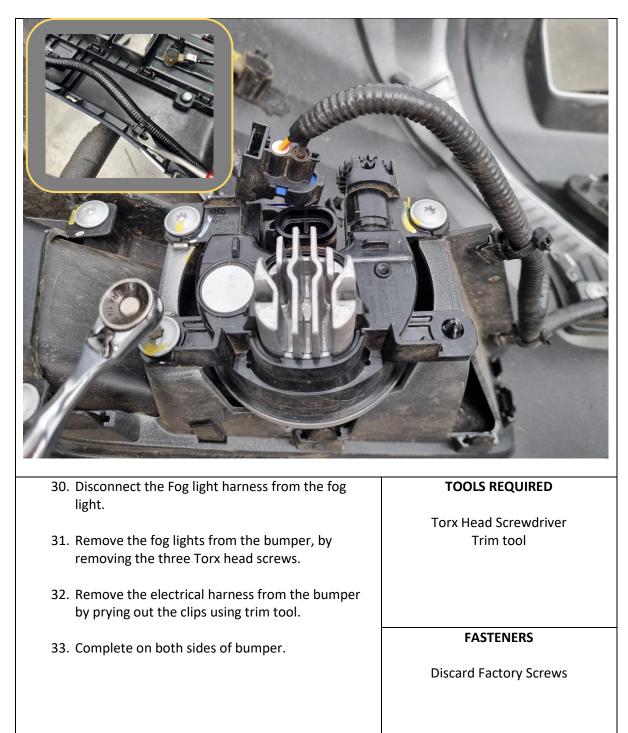








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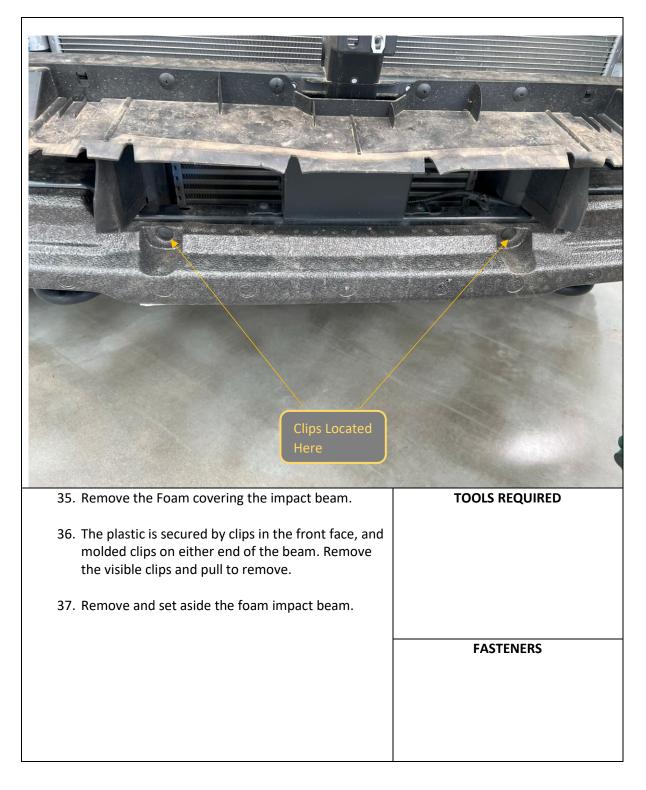


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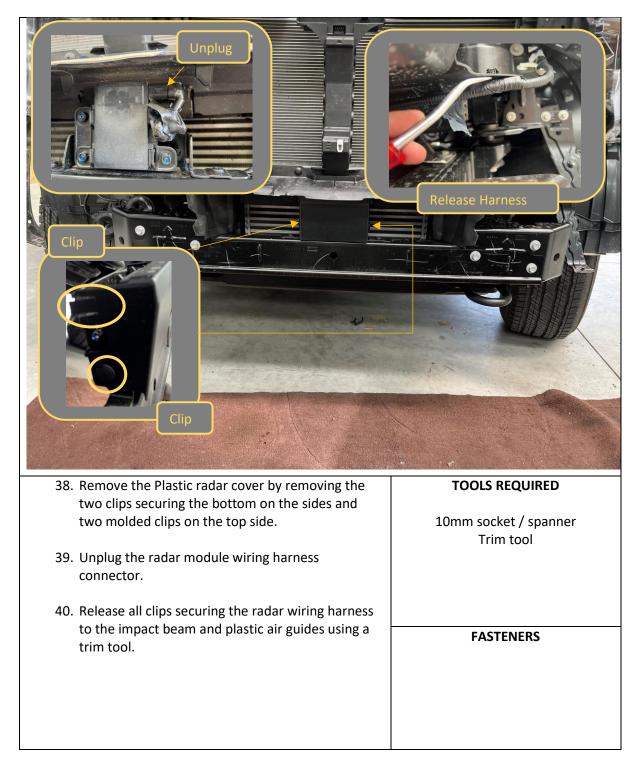




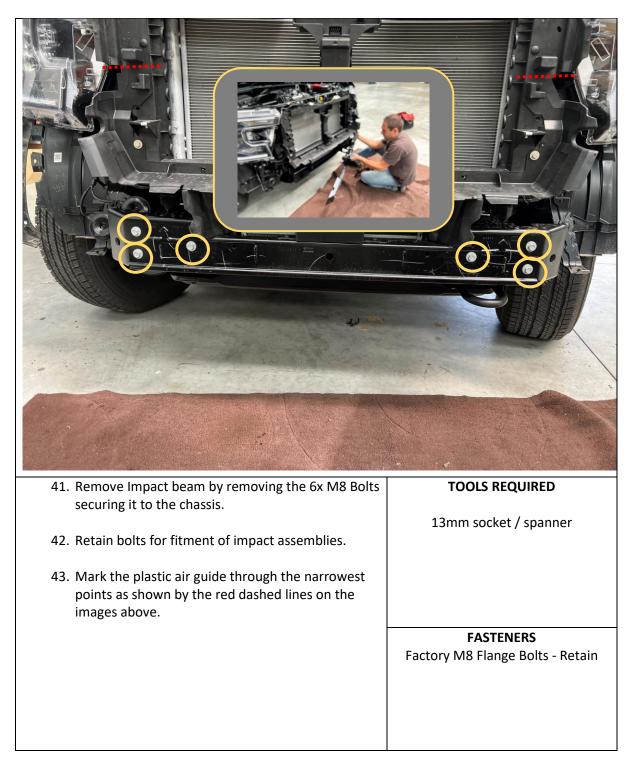




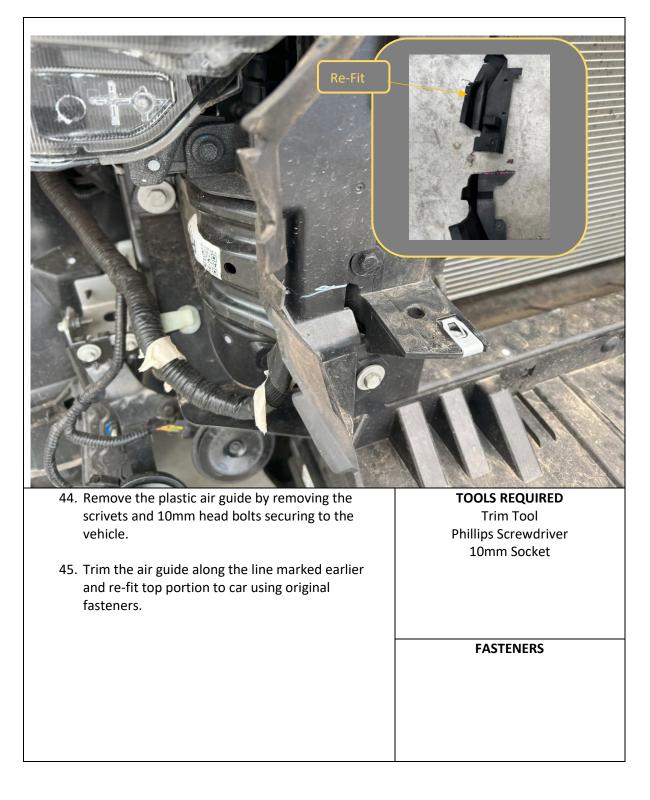




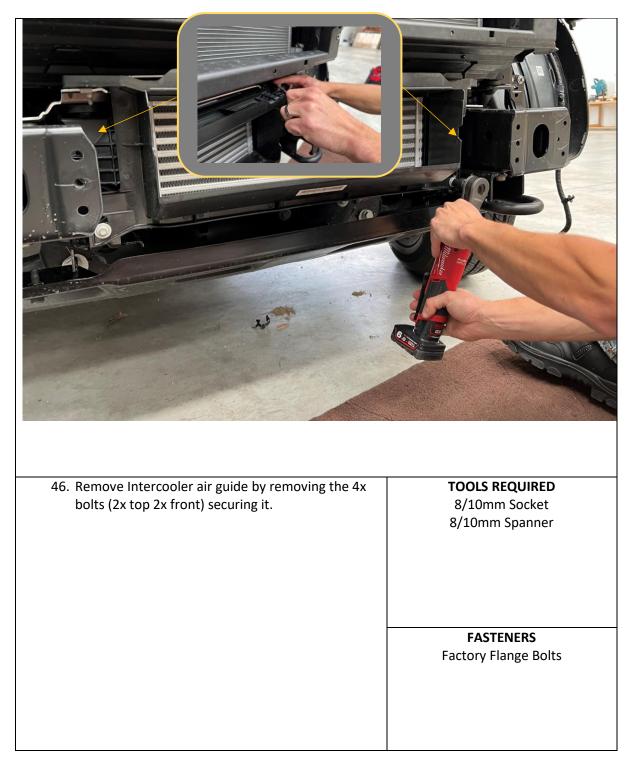




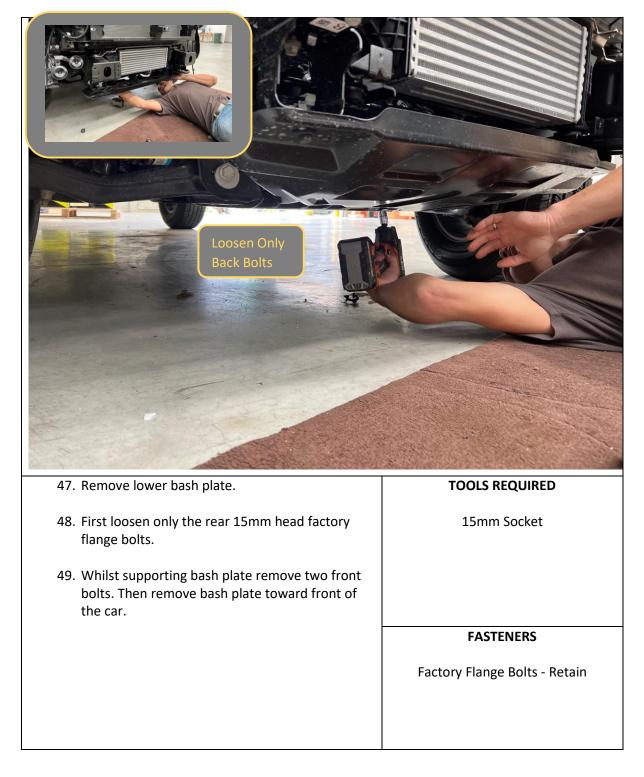




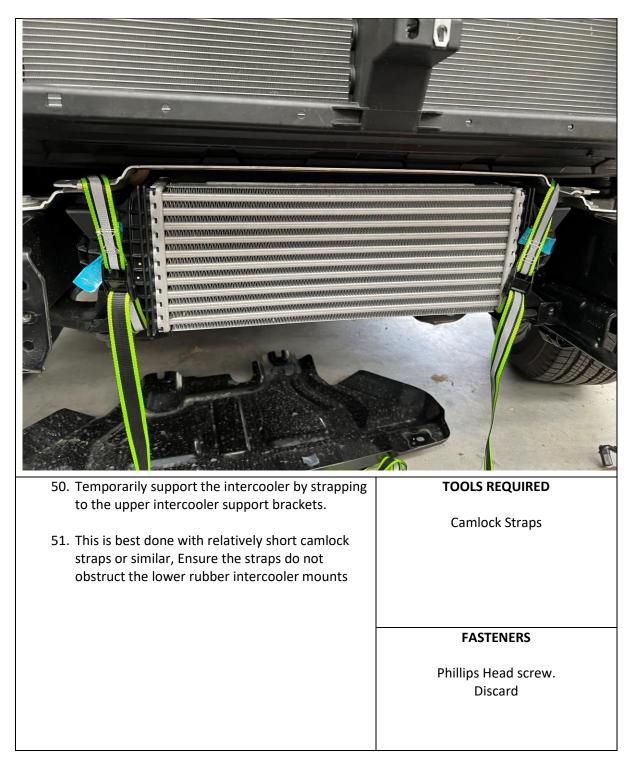




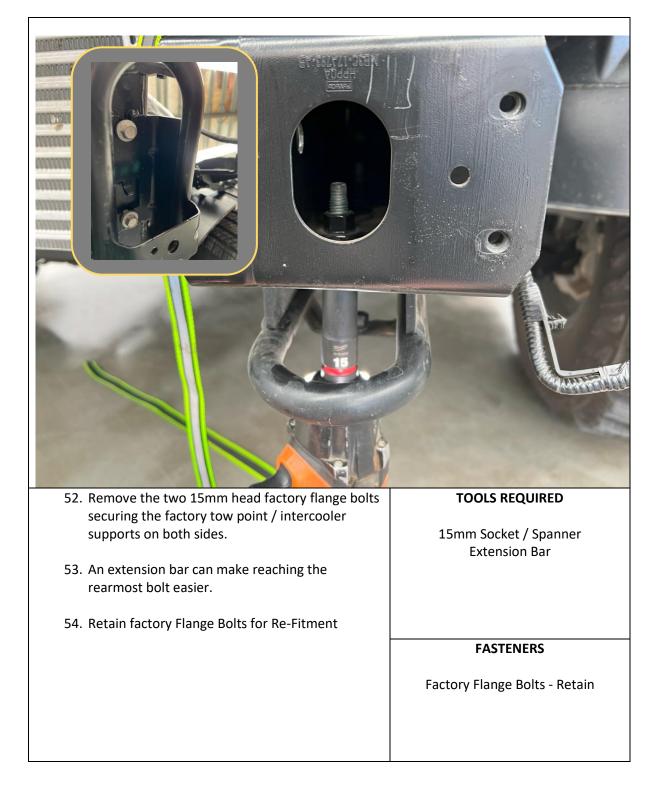






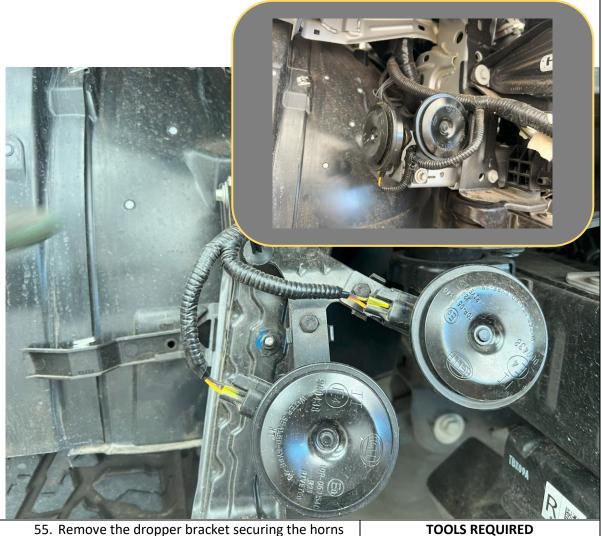








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to the body under the headlight on the RHS side. Also remove dropper bracket on other side of vehicle.

56. Remove the horns from the bracket and re-fit, in inverted position to the captive nuts in the body the dropper bracket was removed from, using original fasteners.

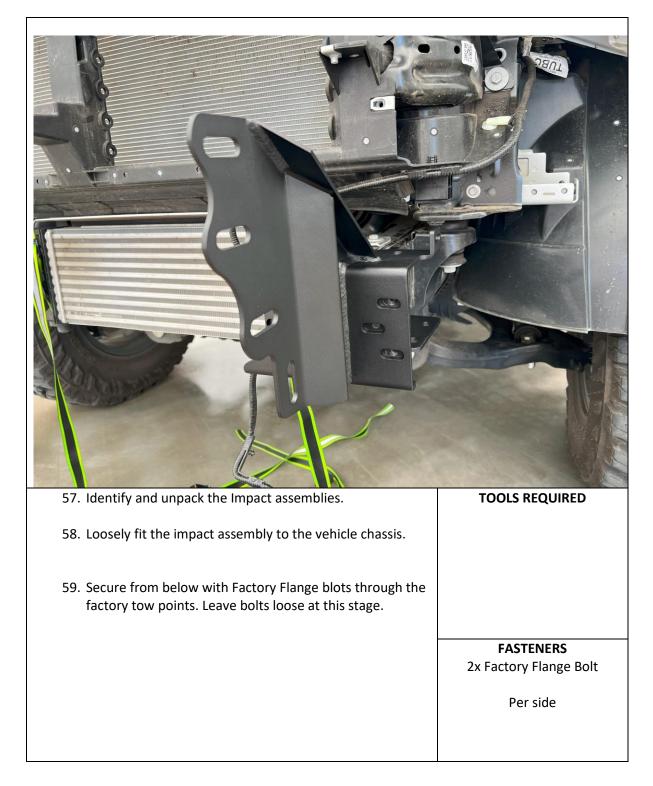
TOOLS REQUIRED

8/10mm Socket / Spanner

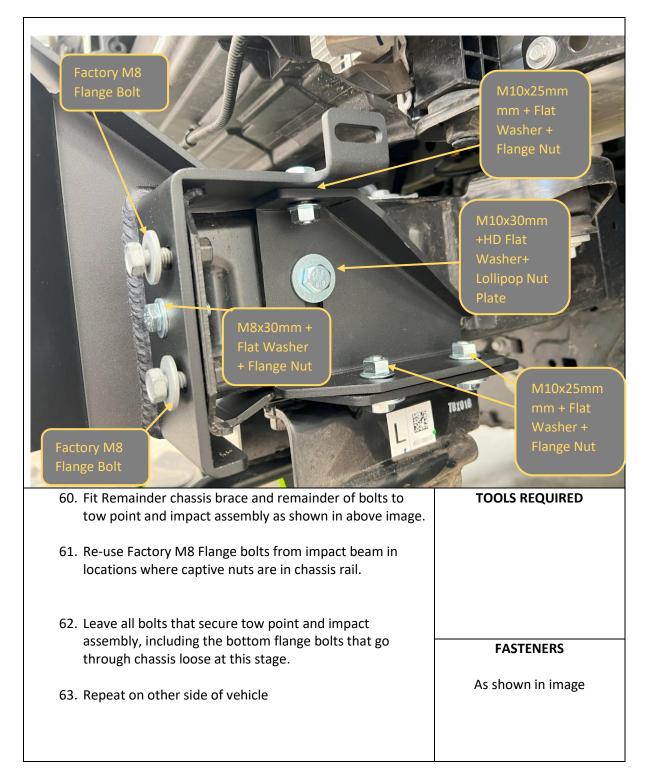
FASTENERS

Factory Flange Bolts - Retain

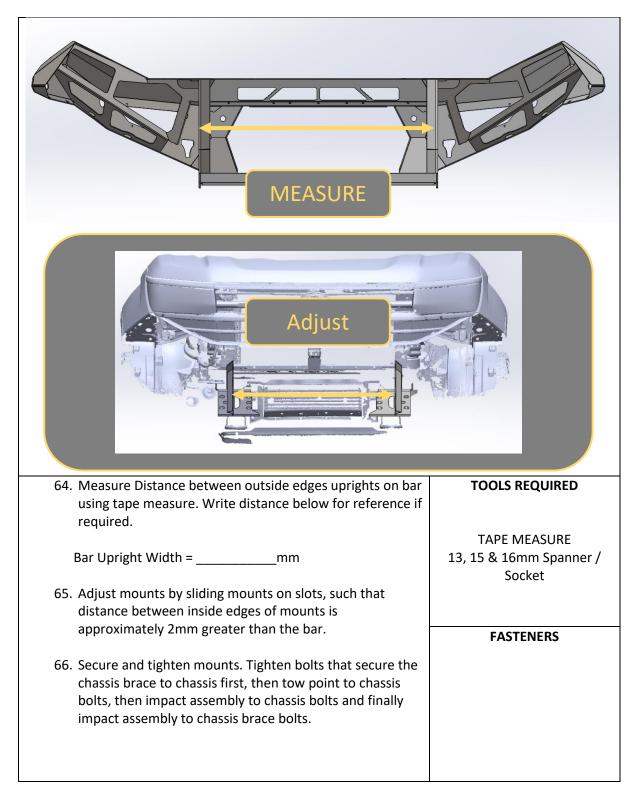














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- 67. Prepare bar for fitment. Start by routing the Wiring harness through the bar such that all plugs are in the correct location. The main harness connector should sit to the OUTSIDE of the bar upright on the LH side of the vehicle.
- 68. Fit the fog lights to the fog light brackets using supplied M6x16 black button head bolts and flange nuts.
- 69. Fit the fog light brackets to the Mesh Panels, using the supplied M8x12 Bolts. Fog lights should face straight ahead when fitted.

TOOLS REQUIRED

4mm Allen Key 10mm Spanner / Socket

FASTENERS

4x M6x16 BHCS – Black 4x M6 Flat Washer 4x M6 Flange Nut per Side 2xM8x12 2xM8 Flat Washer 2x M8 Flange Nut





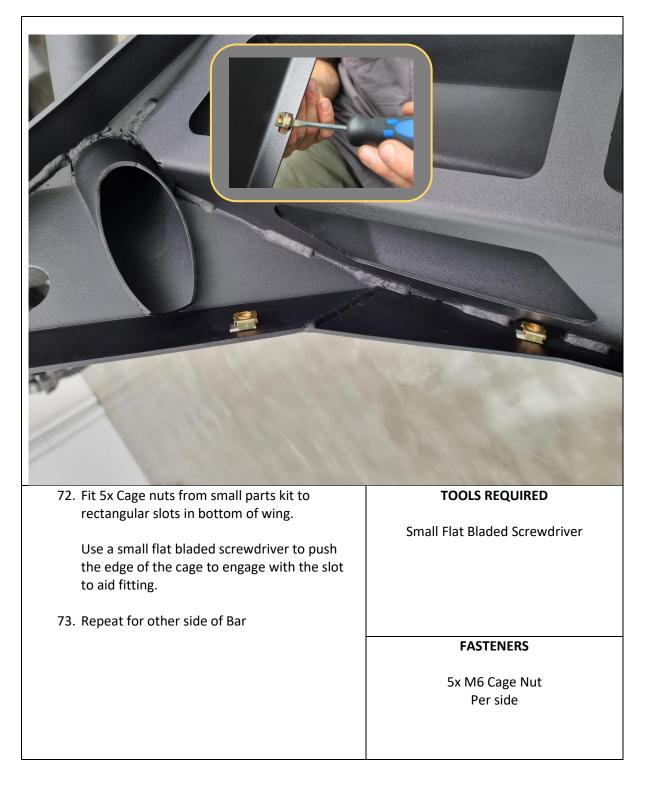
- Button head Bolts, Flat washers, and Flange nuts from the Small Parts Kit.
- 71. Secure and tighten using 4mm Allen Key and 10mm Spanner

4mm Allen Key 10mm Spanner / Socket

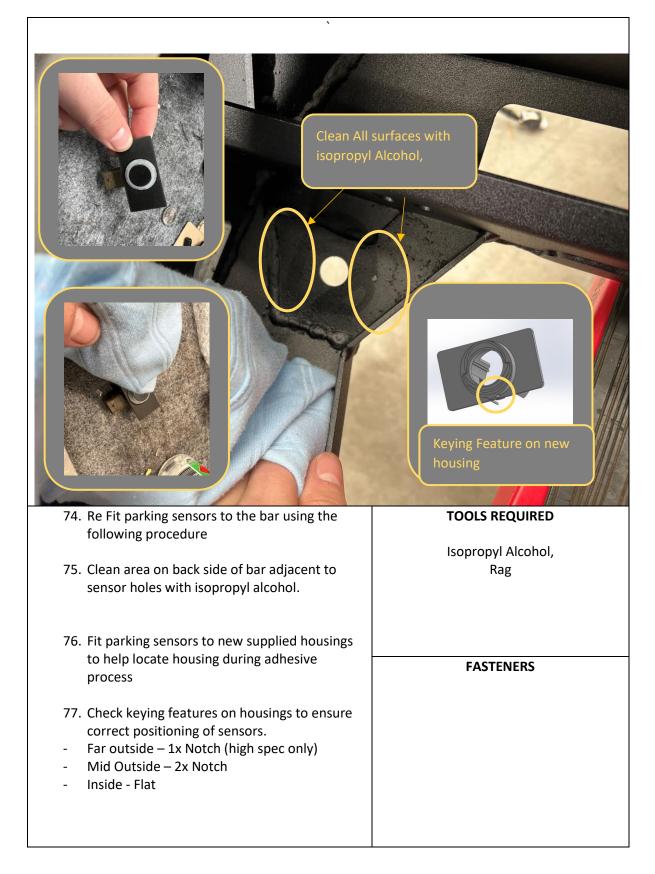
FASTENERS

4x M6x16 BHCS – Black 4x M6 Flat Washer 4x M6 Flange Nut Per Side

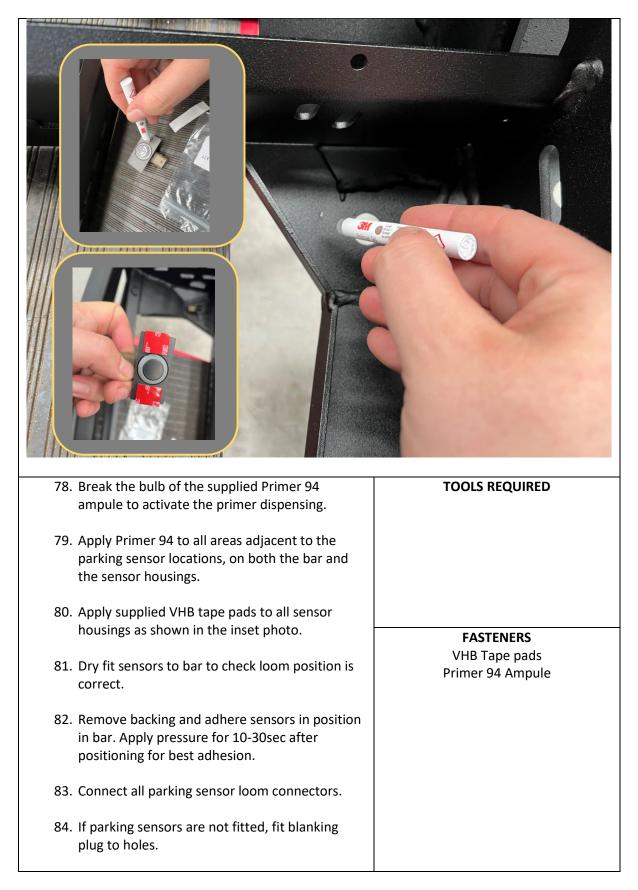














- 85. If fitting an integrated light bar, do so now.
- 86. The bar is designed to fit an Offroad Animal 22in or light bar. If fitting this light bar, assemble bar with legs out, and it will line up with the slots in the center gusset. Secure with M8 Fasteners supplied with the light bar.
- 87. The bar can accommodate most other "20-22inch" size light bars.
- 88. If fitting driving lights or top hoop to the bar this is also the most convenient time to do so. It is still possible later but is more difficult.
- 89. After fitting driving lights, fit the Pan brace to the back of the bar, between the pan and center gusset using Supplied M6x16 (top) and M6x12 bolts, Flat washers, and Flange Nuts

TOOLS REQUIRED

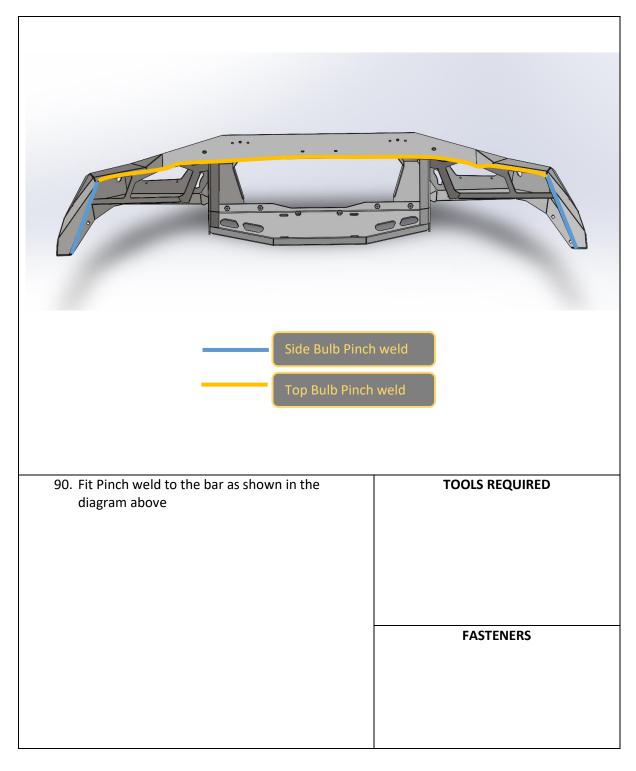
13mm Spanner / Socket 4mm Hex Key

FASTENERS

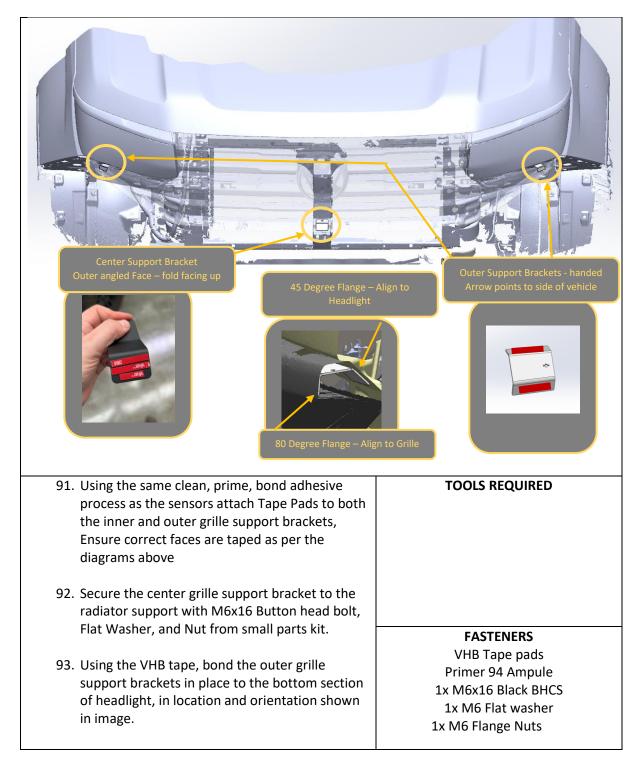
Supplied with Light Bar

3x M6x16 Black BHCS 3x M6x12 BHCS 6x M6 Flat washer 6x M6 Flange Nuts









OFFROAD ANIMAL

FB-VAM-NF-23-PR-ASM0 Fitting Instruction

Volkswagen Amarok NF 23+ Predator & Toro Front Bar



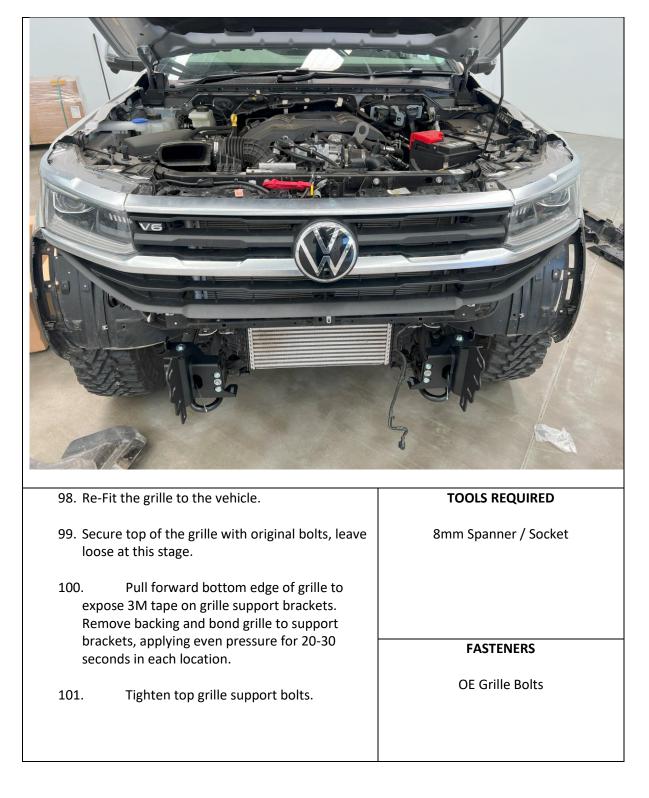
- 94. Panamericana and Aventura models have a different grille that will require a grille cut (detailed in steps 96&97) if fitting a winch.
- 95. If not fitting a winch the larger grille will fit in the same way as the smaller lower spec grille. Skip to step 98 Now
- 96. Place masking tape along the area indicated in the photo above. Ensure both the top grey and bottom black parts of the grille are clipped together properly. Mark trim as horizontal line 10mm below the "A M A R O K" Letters molded into the grille
- 97. Cut along the marked line, through both the top grey and bottom black layers using Air Hacksaw, Jigsaw or oscillating tool. Discard the bottom segment of the grill cut off.

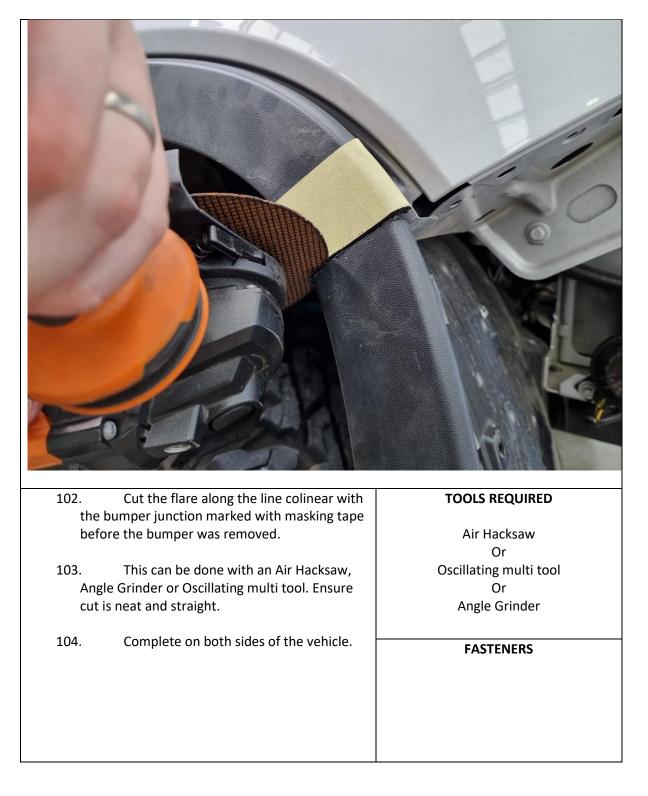
TOOLS REQUIRED

Masking Tape Marker Straight Edge Air Hacksaw

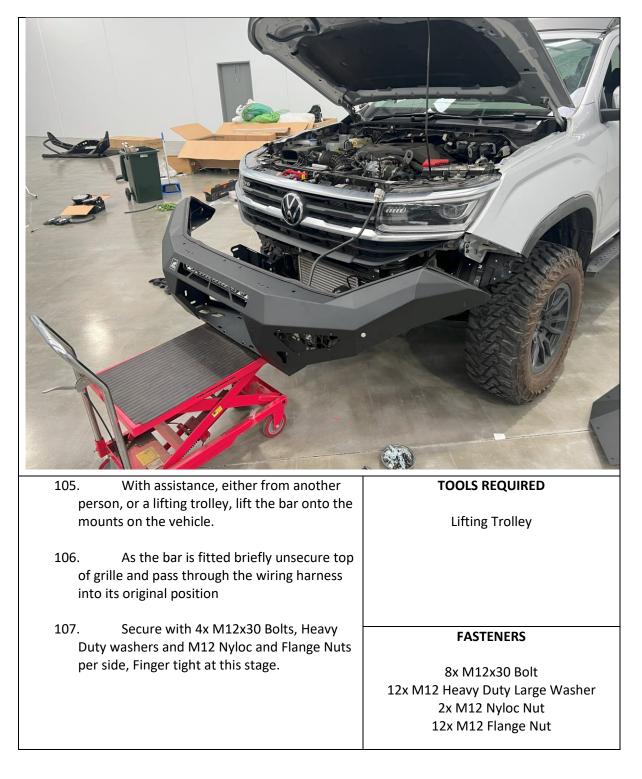
FASTENERS



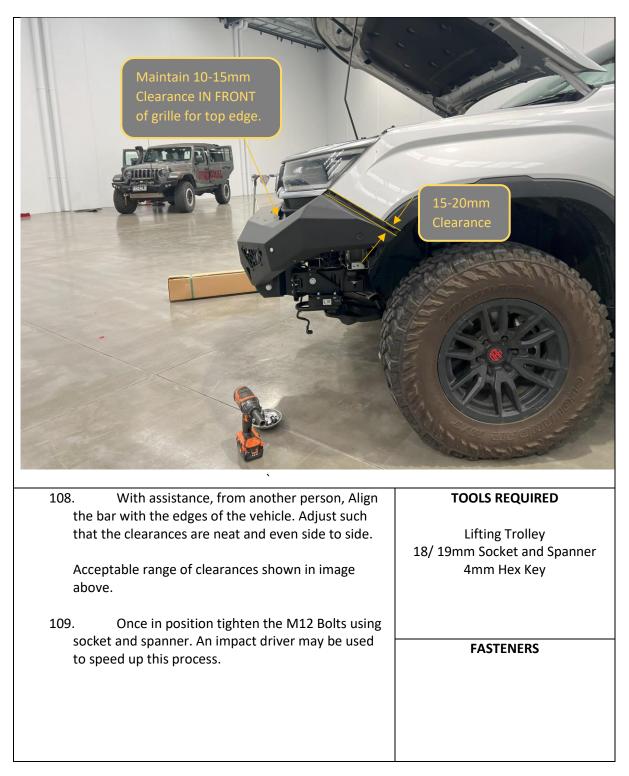




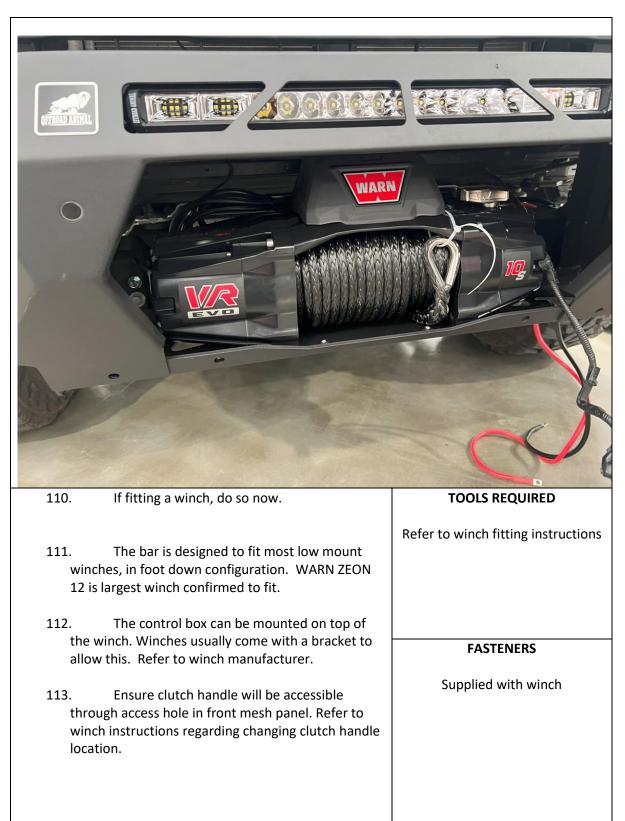








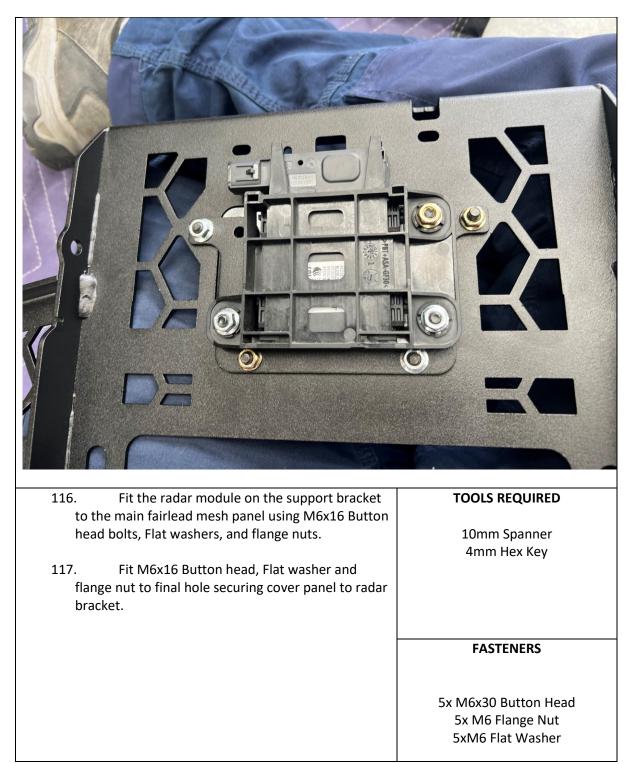














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- 118. If Required, Fit winch fairlead to Mesh Fairlead Mount Use M10 or 3/8" Fasteners supplied with winch. The bar is only compatible with Hawse type fairleads.
- 119. Fit Number plate flip bracket to fairlead mount, M8x25 Bolt, Flat washer, Nylon washer and Nylon Lock nut. Ensure nylon washer sits between the bracket and fairlead mount.
- 120. If Relocating Front Camera Refit camera to mesh panel at this stage – Refer to Camera Relocation Kit instructions

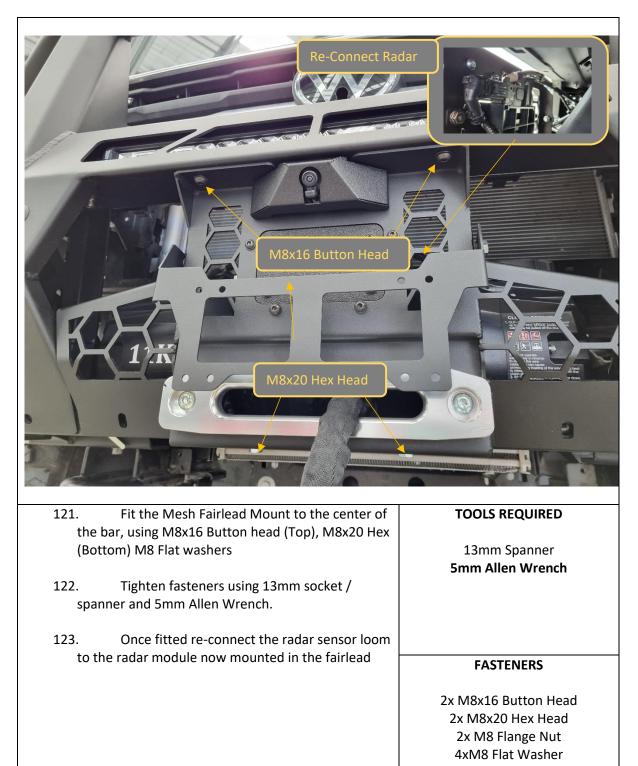
TOOLS REQUIRED

13mm Spanner 10mm Spanner 4mm Hex Key

FASTENERS

2x M8x16 Button Head 2x M8x20 Hex Head 2x M8 Flange Nut 4xM8 Flat Washer







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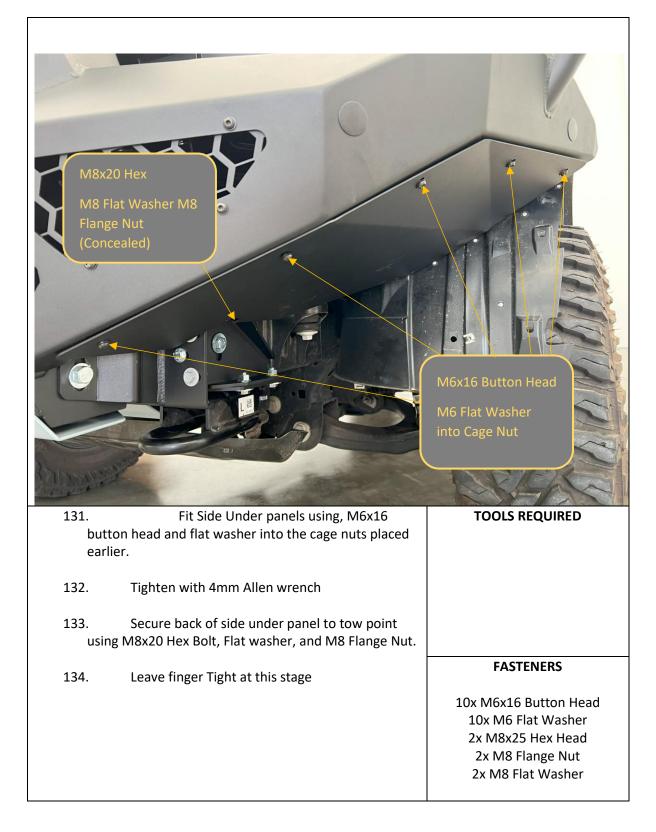
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124. Re Connect Electrical Harness, camera plug and camera washer hose.	TOOLS REQUIRED
125. Replace upper radiator cowl using original clips.	
	FASTENERS

REV D

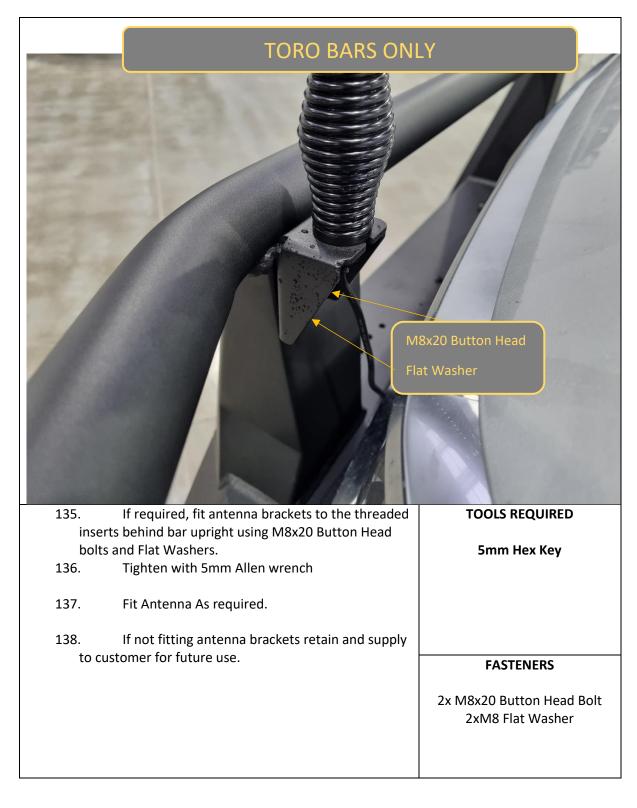




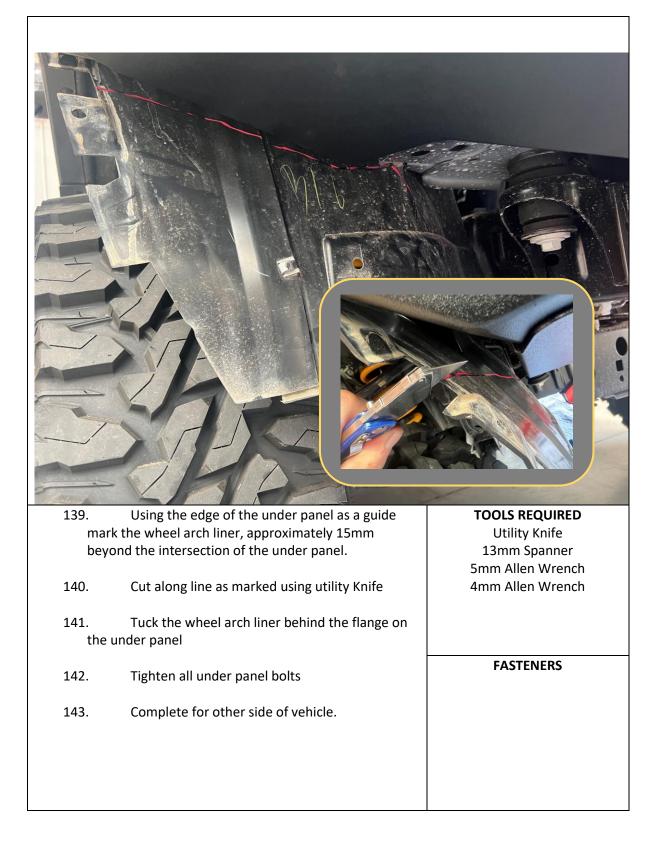






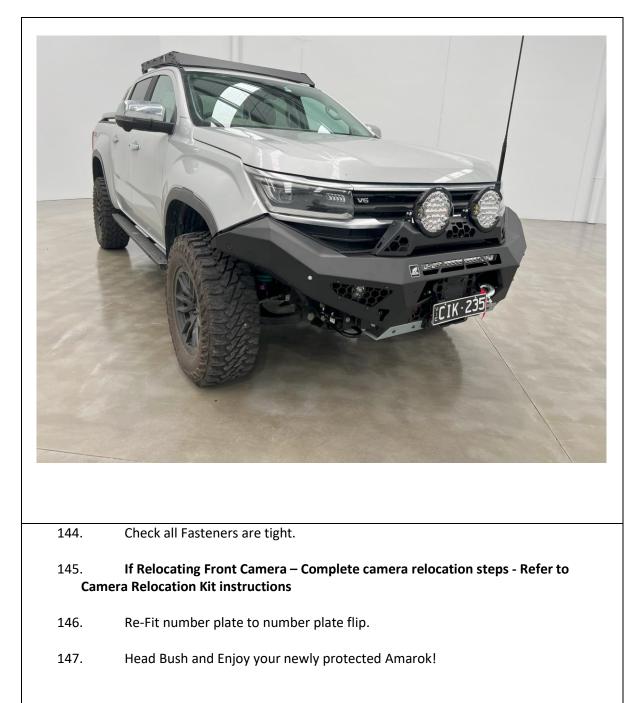








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For contact details see www.offroadanimal.com