

RAM 1500 DS

2017– On

PREDATOR FRONT BAR

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-R15-DS-17- PR-ASM1	RAM 1500 DS PREDATOR WELDED BAR ASSY	
		OR	
1	FB-R15-DS-17- TOR-ASM1	RAM 1500 DS TORRO WELDED BAR ASSY	
1	FB-R15-DS-17- ASM2L	RAM1500 Tow Point Assy	
1	FB-R15-DS-17- ASM2R	RAM1500 Tow Point Assy	Contraction of the second seco
1	FB-R15-DS-17- ASM3	RAM1500 Bash Plate Assy	

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1	M-0016	RAM 1500 Predator Fairlead Mesh	THE REAL PARTY IN THE REAL PARTY INTERPARTY INTERPART
1	M-0017L	RAM 1500 Predator Side Mesh	
1	M-0017R	RAM 1500 Predator Side Mesh	
1	M-0002L	Light Cover Mesh	CEREBE
1	M-0002R	Light Cover Mesh	CORRECT OF CONTRACTOR
1	U-0025L	RAM 1500 Predator Wing Under panel	
1	U-0025R	RAM 1500 Predator Wing Under panel	

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2	B-0387	RAM 1500 Predator Winch Brace	12
1	B-0186L	Fog Lamp Bracket	
1	B-0186R	Fog Lamp Bracket	
1	B-0388L	Ram1500 Headlight Infill	
1	B-0388R	Ram1500 Headlight Infill	
1	NPF-COM-SM- ASM0	Number plate flip asm Small	

Small Parts – Contained in Small Parts Kit Bag

Qty	Part Number	Description	
8	M8 X 20 BHCS	SCREW, BUTTON HEAD CAP,	
	BLACK ZINC	M8X20X1.25 BLACK ZP	
14	M8 FLAT	M8 FW- BLACK ZINC	
	WASHER- BLACK		
	ZINC		
24	M8 FLANGE NUT	Flange Nut, M8x1.25 G8.8 ZP	
10	M8 X 20 HEX	Bolt Hex, M8X20x1.25, GR8.8 ZP	
10	M8 FLAT	M8 FW	
	WASHER		
6	M8 X 16 BHCS	SCREW, BUTTON HEAD CAP,	
	BZP	M8X16X1.25 GR12.9 BLACK ZP	
4	M12X40	Bolt Hex, M12X40X1.75, GR8.8 ZP	
6	M12 Nyloc nut	M12 NYLOC NUT	
14	M12 FW LHD	M12 FW Large Heavy Duty	
2	M12X30	Bolt Hex, M12X30x1.75, GR8.8 ZP	
20	M6 FLANGE NUT	Flange Nut, M6x1 G8.8 ZP	
22	M6x16 BHCS	SCREW, BUTTON HEAD CAP, M6X16X1	
	BLACK ZINC	GR12.9 BLACK ZP	
22	M6 FLAT	M6 FW BLACK ZP	
	WASHER BLACK		
	ZINC		
10	M6CN3MM	CAGE NUT M6x2.6-3.5	
2	M10 x 25	Bolt Hex, M10X25x[1.5], GR8.8 ZP	
4	M10 FLANGE	Flange Nut, M10x1.5 G8.8 ZP	
	NUT		
2	M10 Flat	M10 FW	
	Washer		
2	M10 X 130	Bolt Hex, M10X130X1.5, GR8.8 ZP	
8	M10 FW LHD	WASHER, FLAT M10X28.5X2.5	
2	M10 x 30	Bolt Hex, M10X30x[1.5], GR8.8 ZP	
2	M10 NYLOC	M10 NYLOC	
2	M12X40x1.5	Bolt Hex, M12X40x1.5, GR8.8 ZP	
2	FB-FRA-PX-19-	Sensor Cover Plate	
	PR-ASM3		

TOOLS REQUIRED

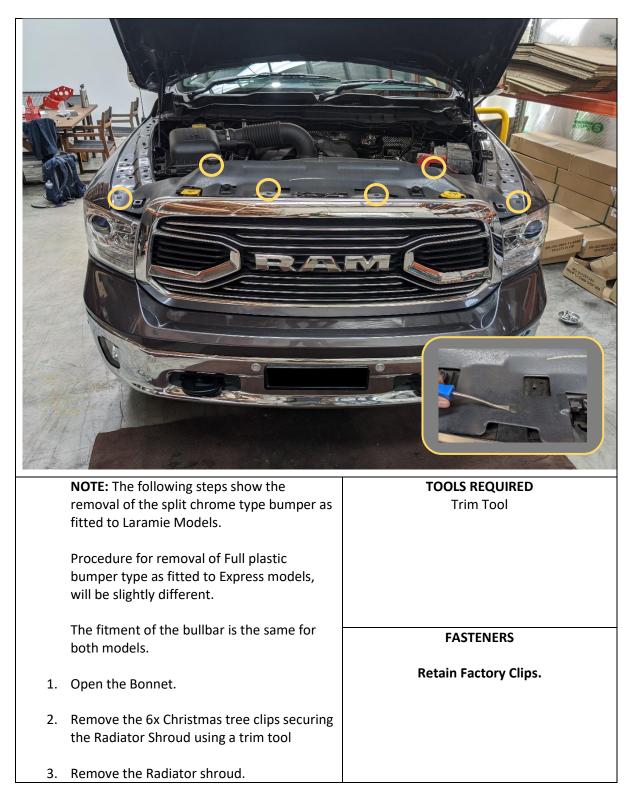
The following tools will be required to install the product.

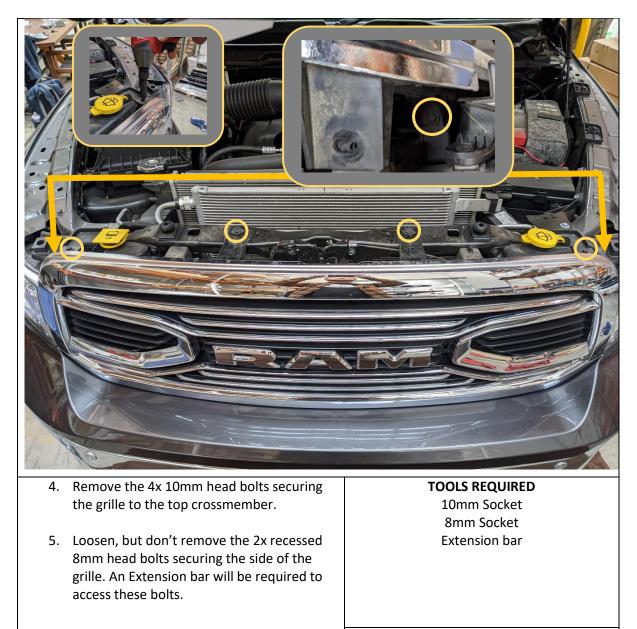
Hand Tools	Power Tools	Workshop Supplies
Metric Socket Set 8-	Electric Drill	Panel Stand or Soft
19mm	6mm Drill Bit	Blanket
Socket Extension Bar		Cable Ties
Metric Spanner Set 10-	Air Hacksaw or Angle	Masking Tape
19mm	Grinder	Black Automotive
Hex (Allen) Key Set 4-		paint
6mm	Electric/Air Impact	Scotch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

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.

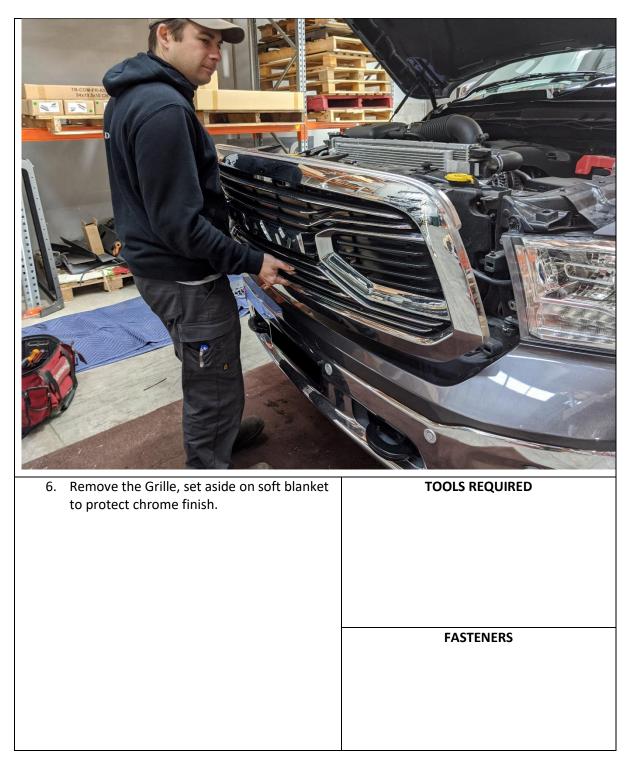
Hearing Protection	Always wear ear protection when using power tools.
Eye Protection	Ensure eye protection is always worn when cutting or drilling.
Manual Handling	Do not attempt to lift bar assemblies or rock sliders on your own. Always use two people to lift or use mechanical Lifting aid such as hydraulic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

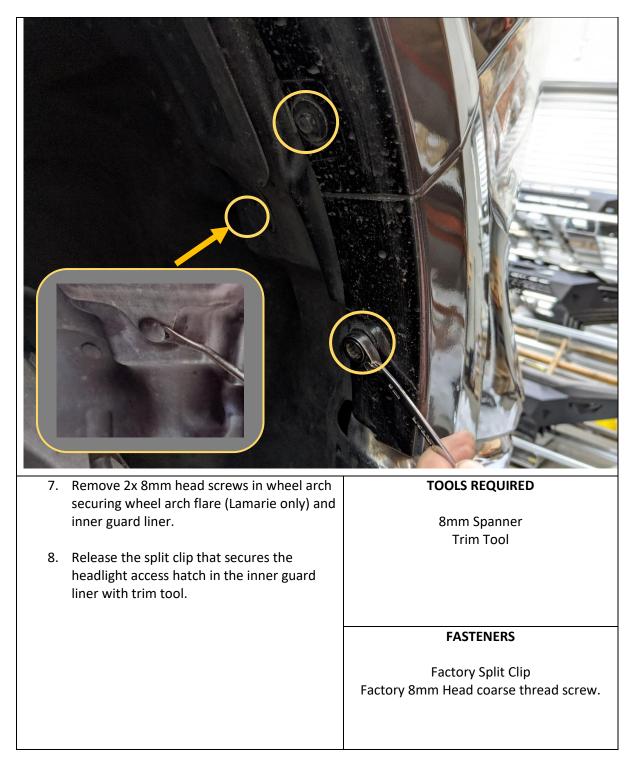


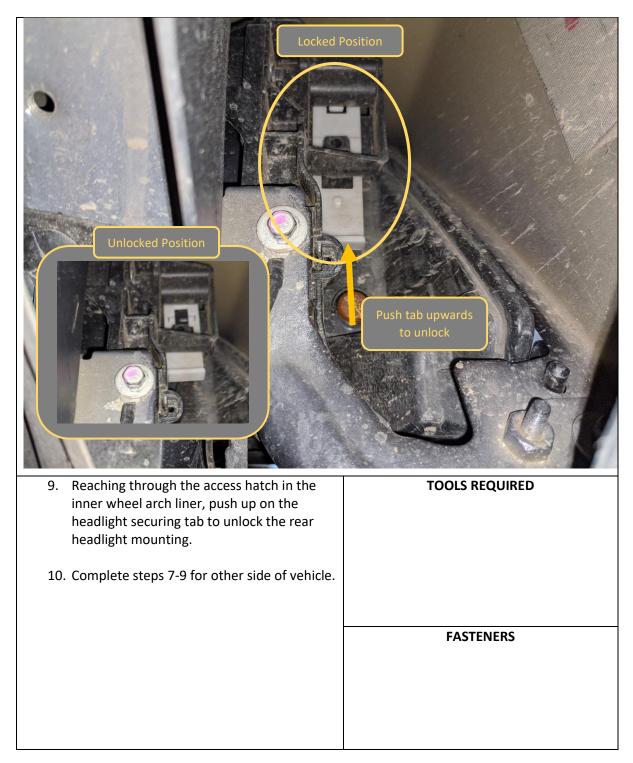


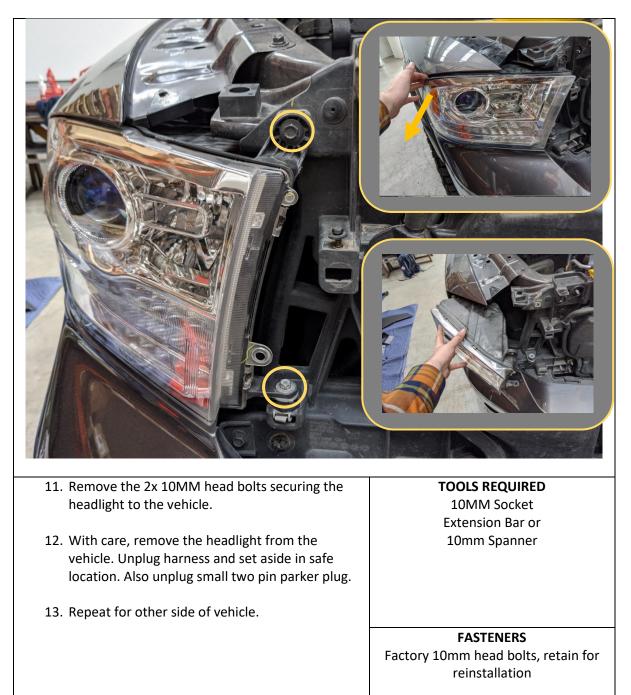
FASTENERS

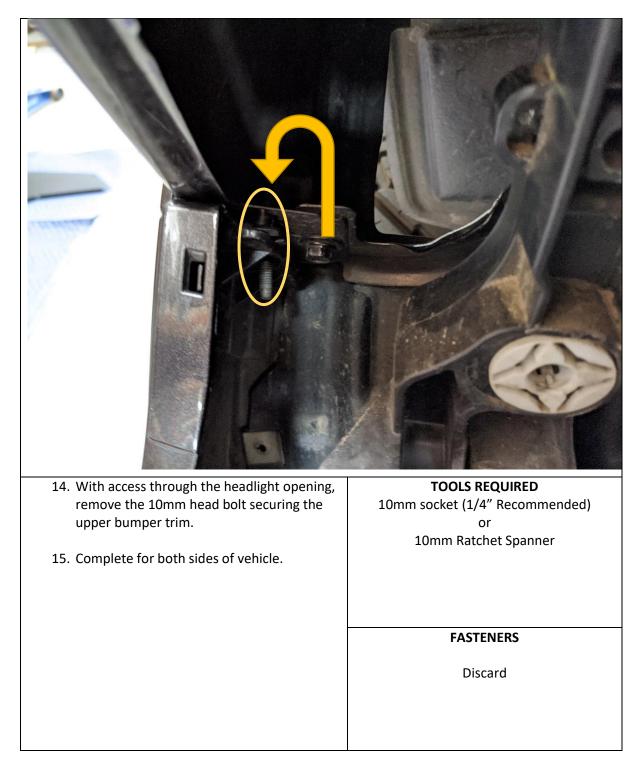
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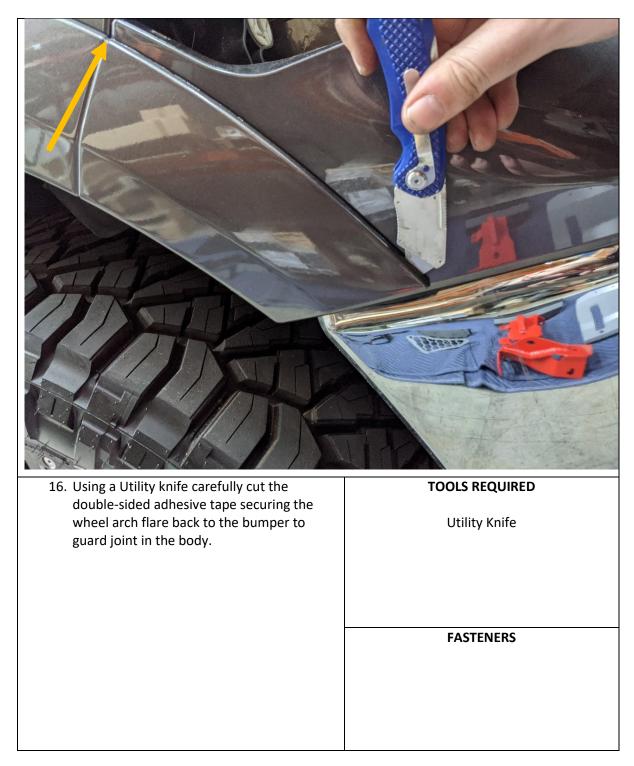


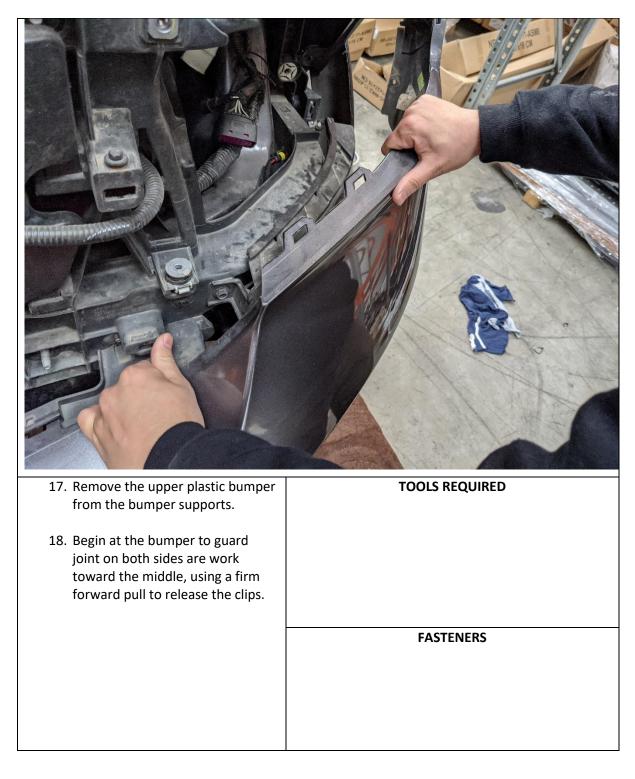


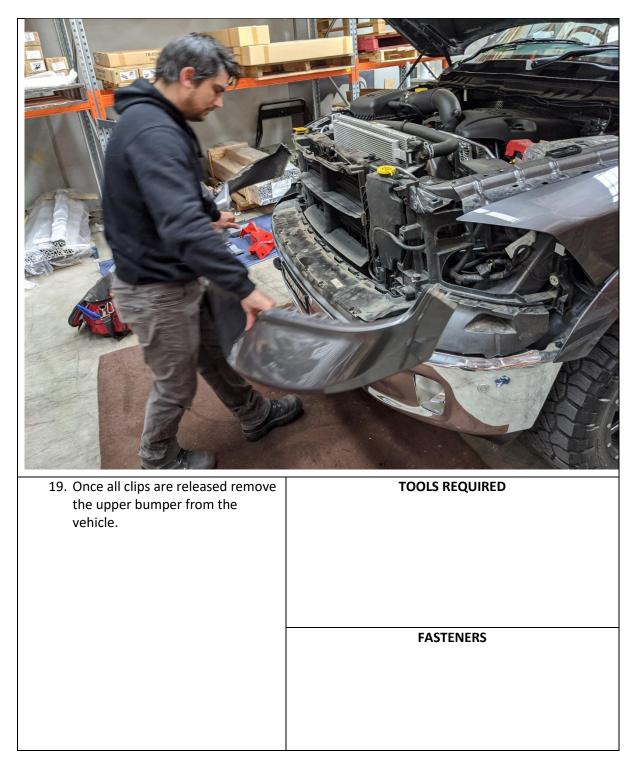


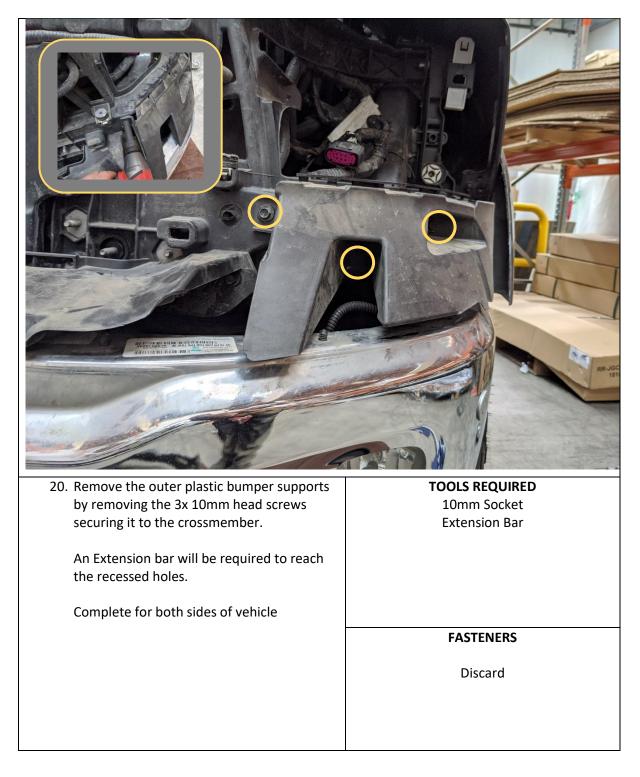


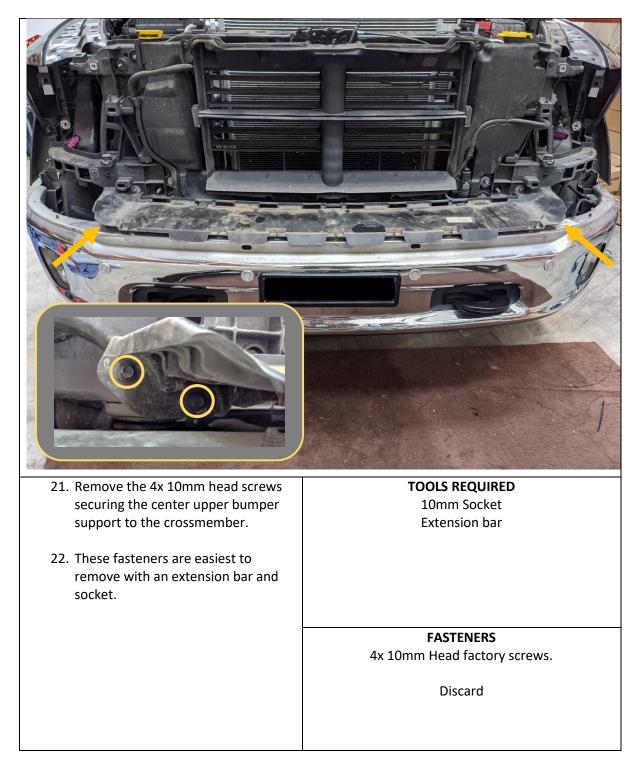


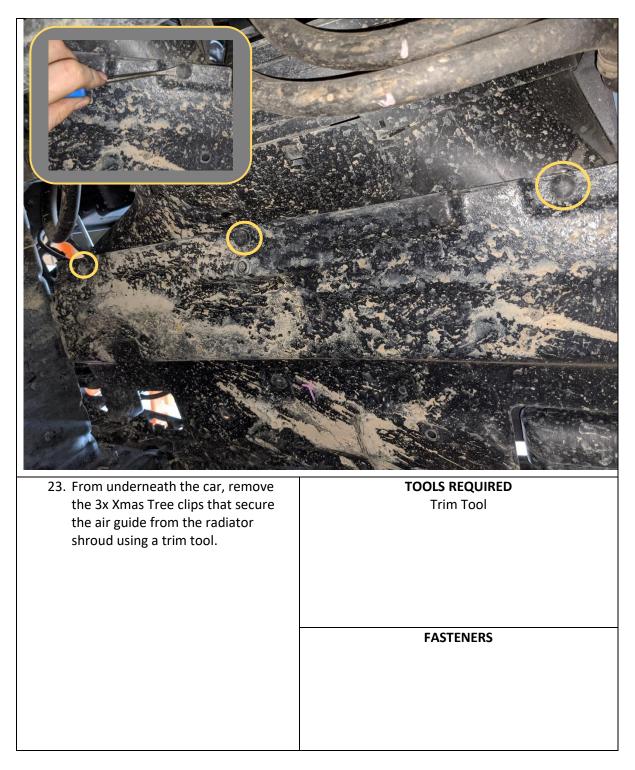


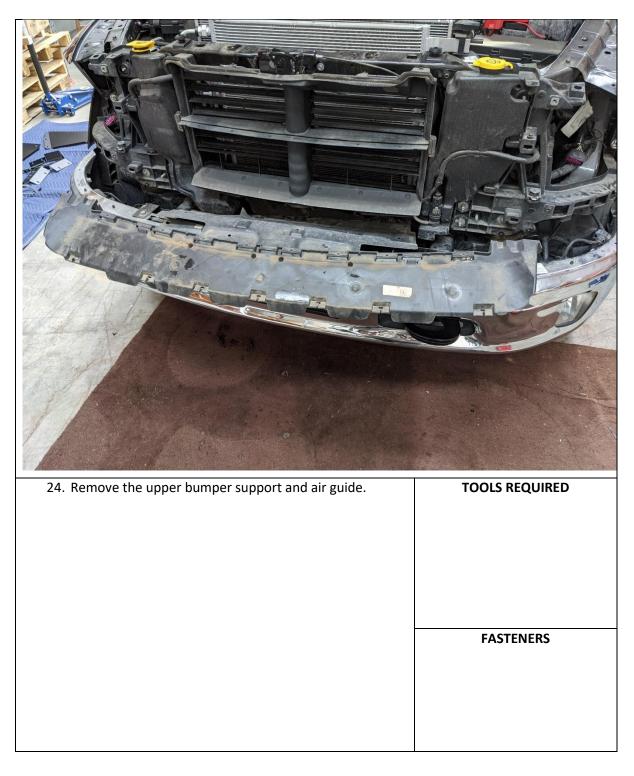


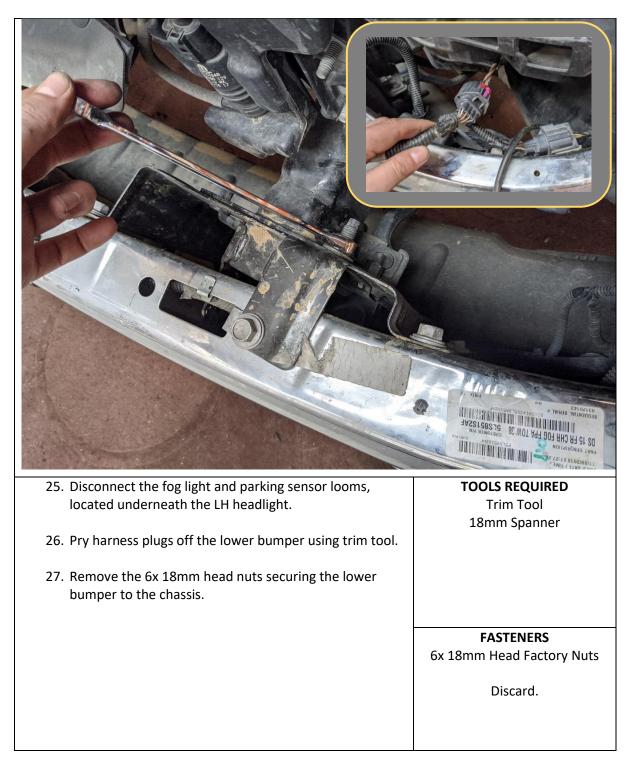


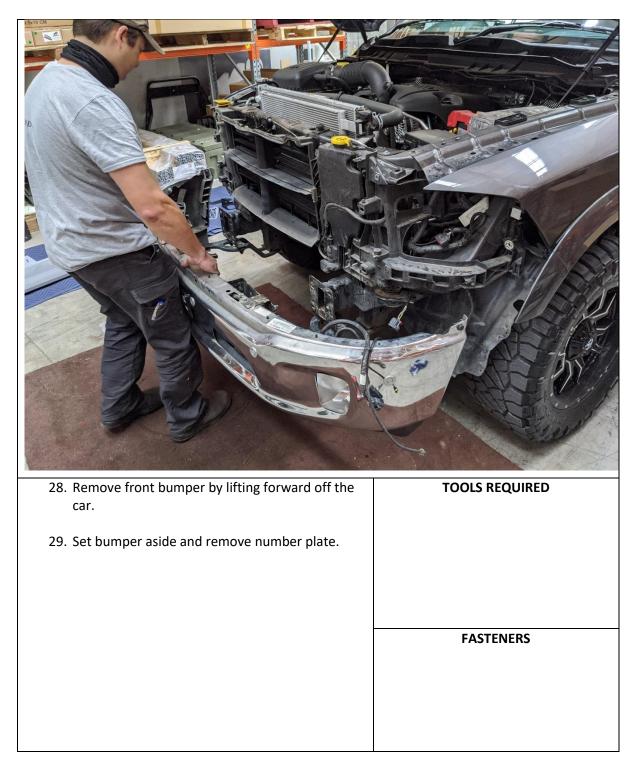


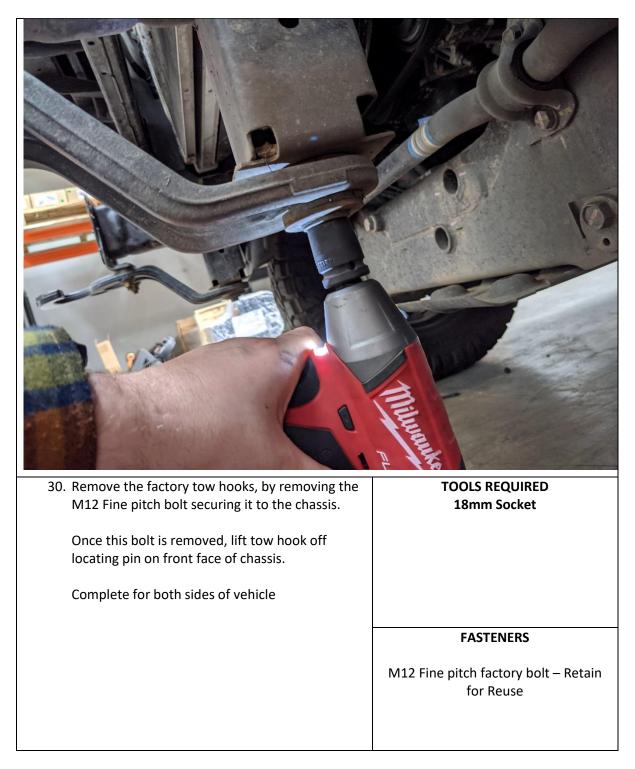




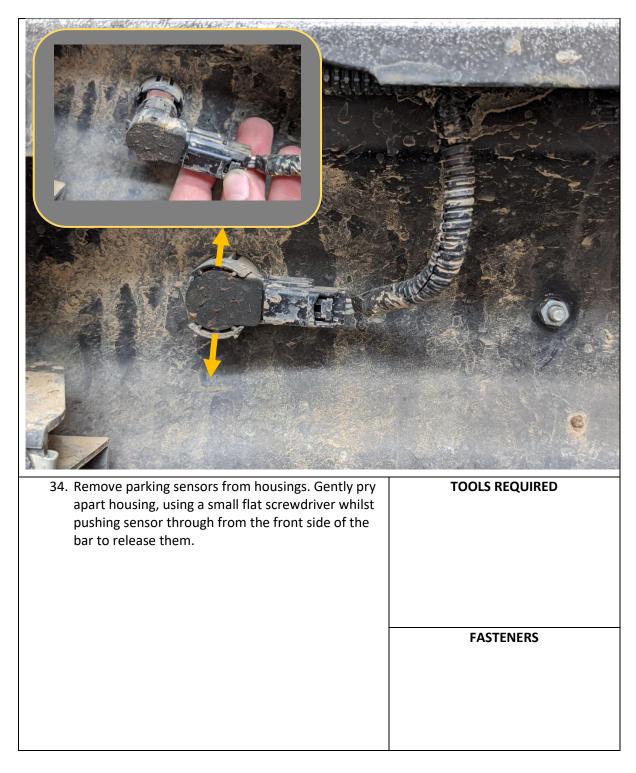


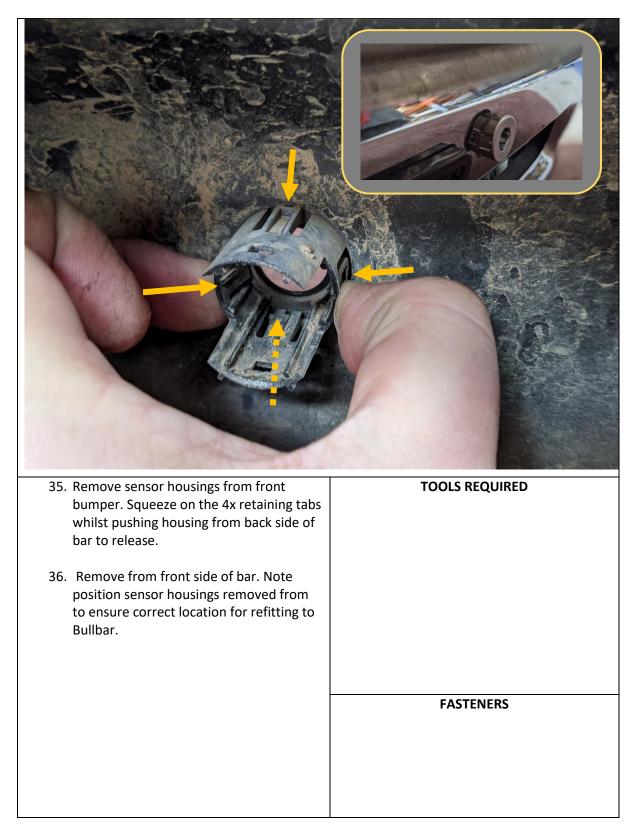


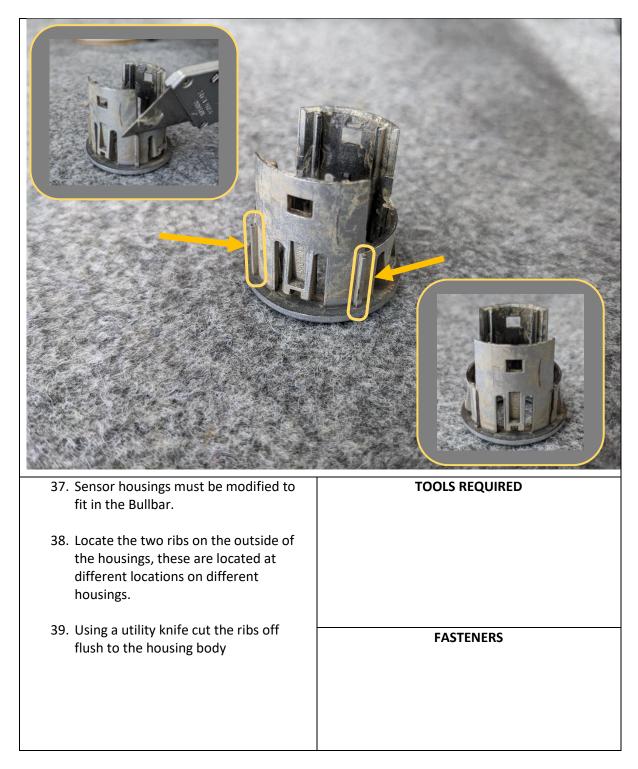


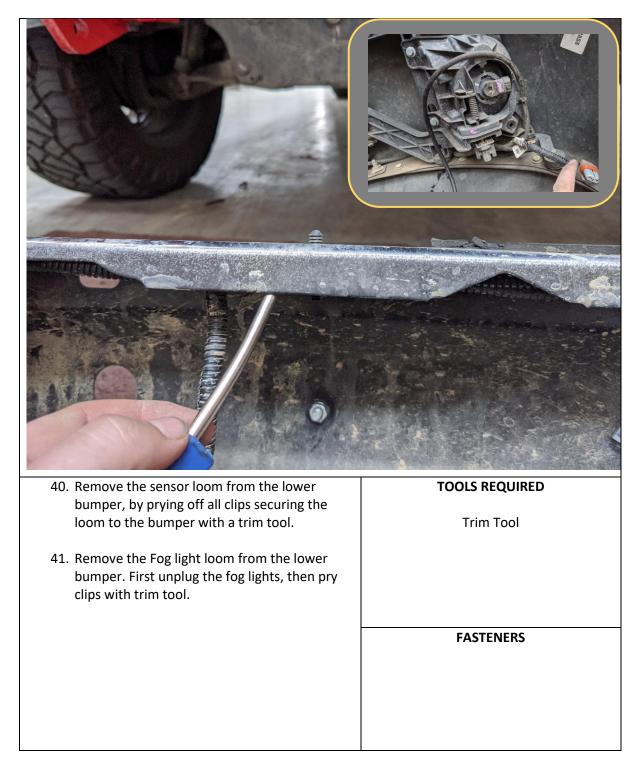




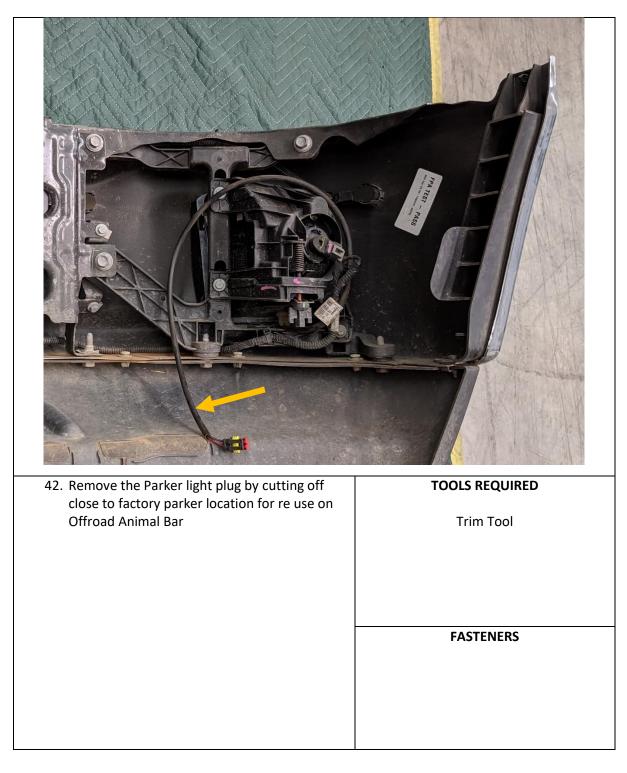


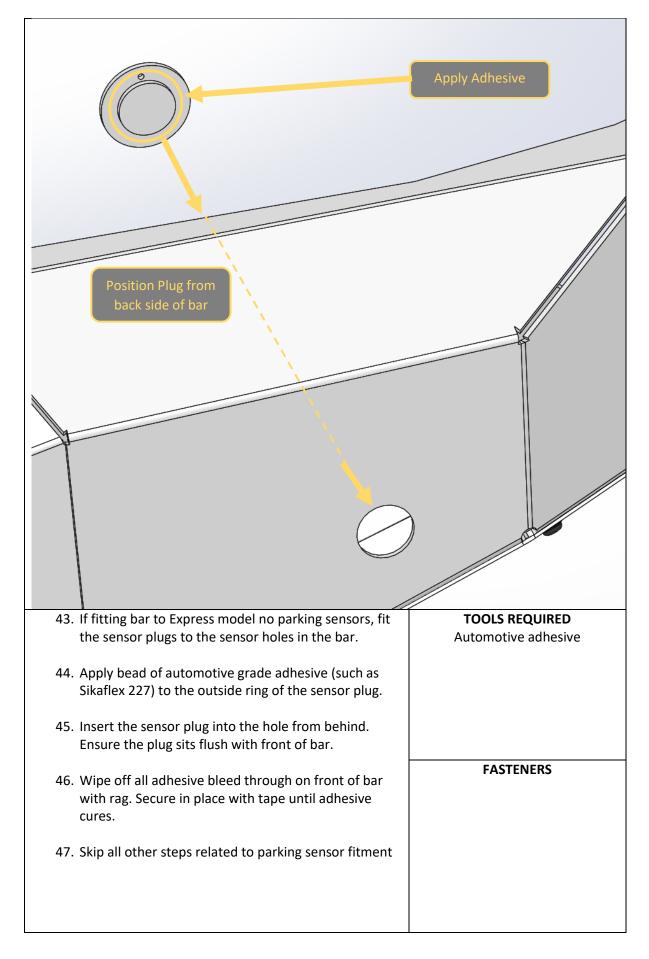


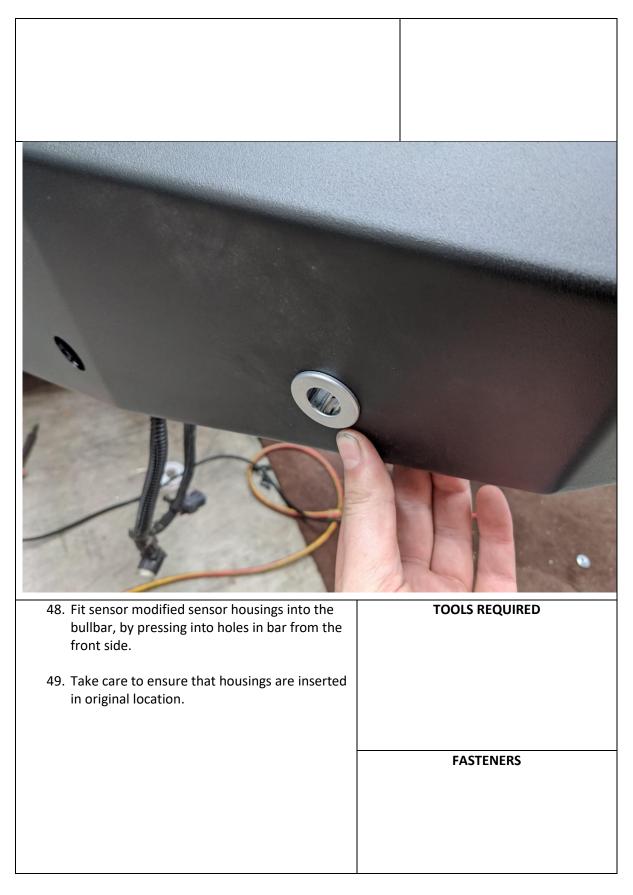




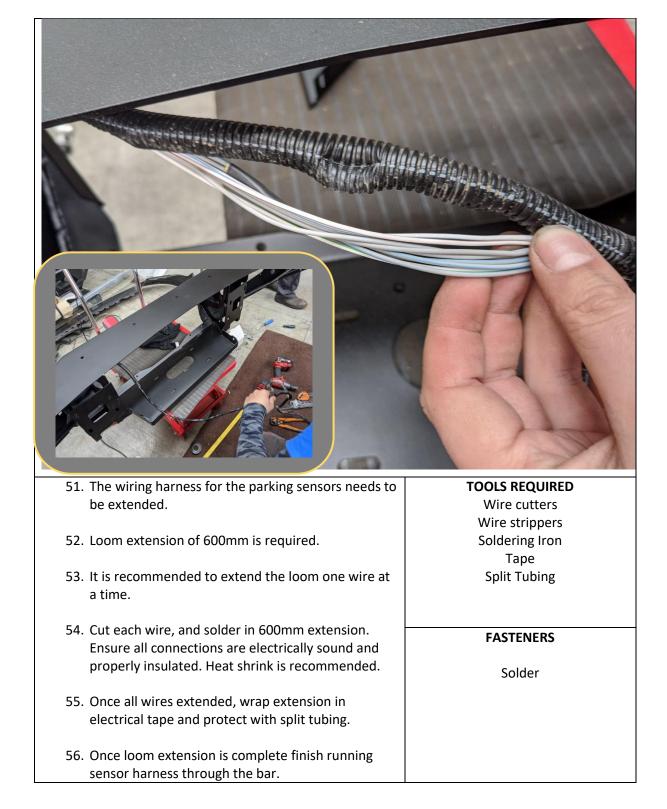
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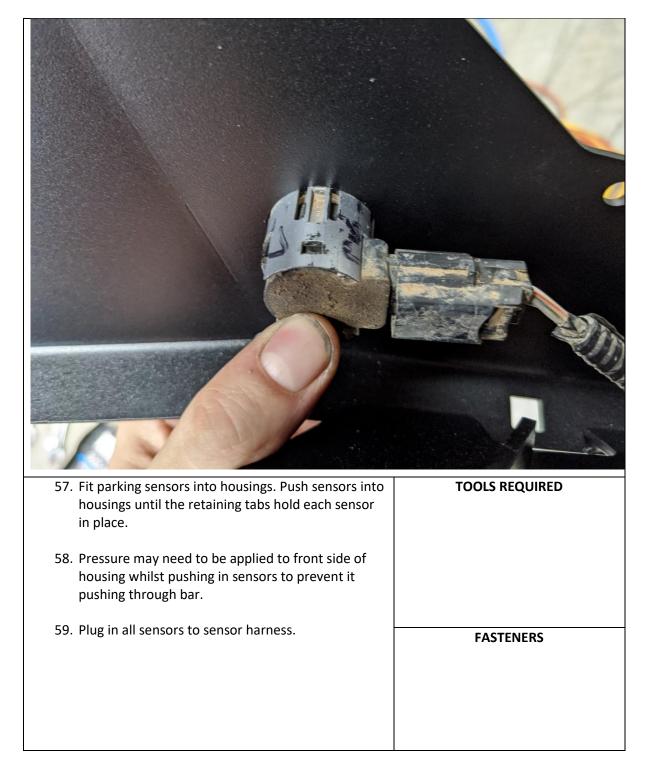


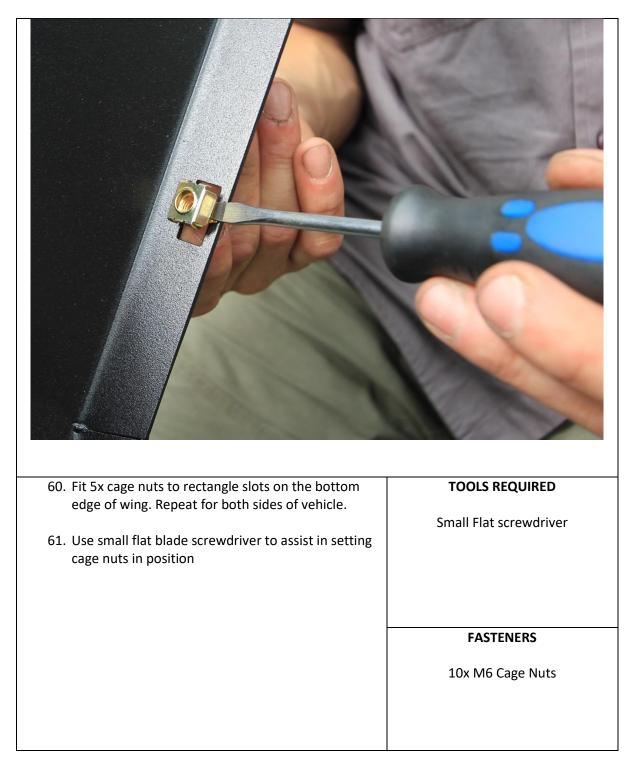


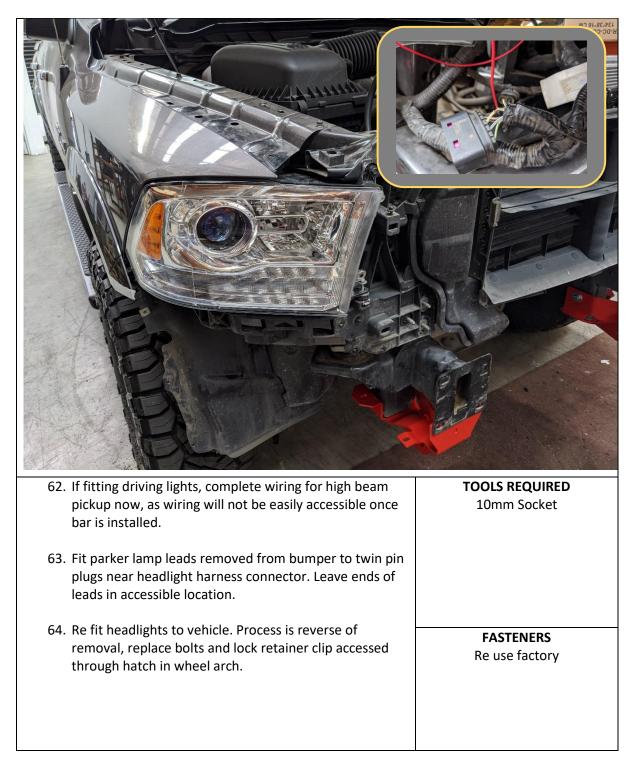


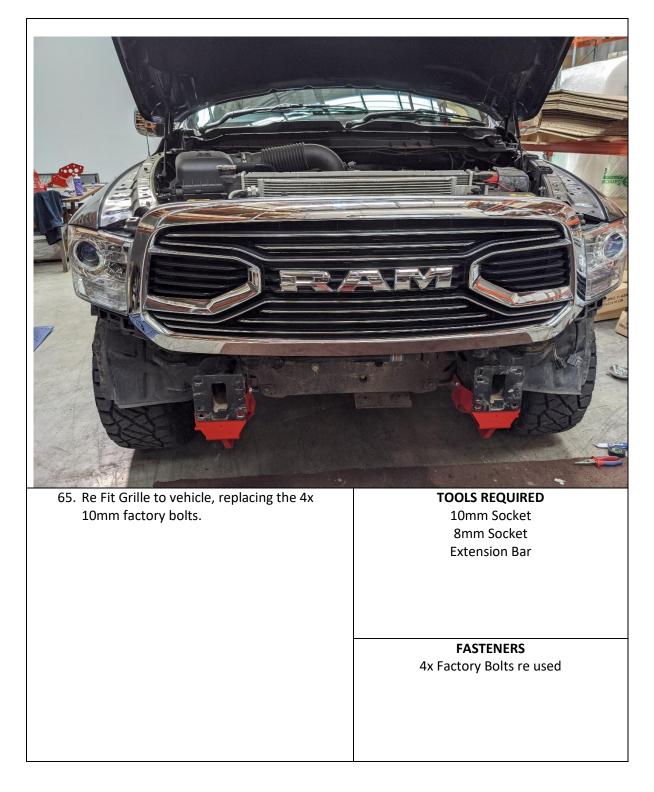
50. Pass wiring loom through bar uprights, starting TOOLS REQUIRED from the left-hand side of the bar.	<image/>	
	50. Pass wiring loom through bar uprights, starting from the left-hand side of the bar.	TOOLS REQUIRED

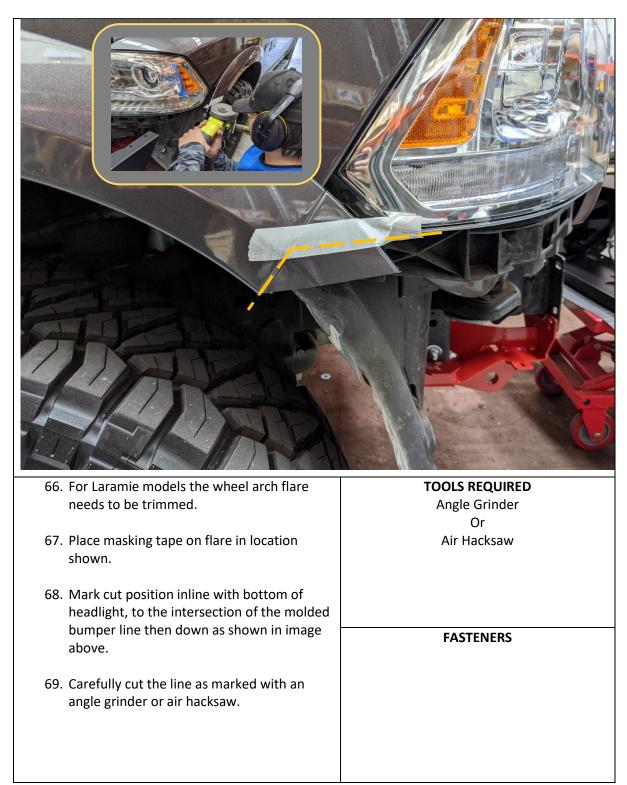


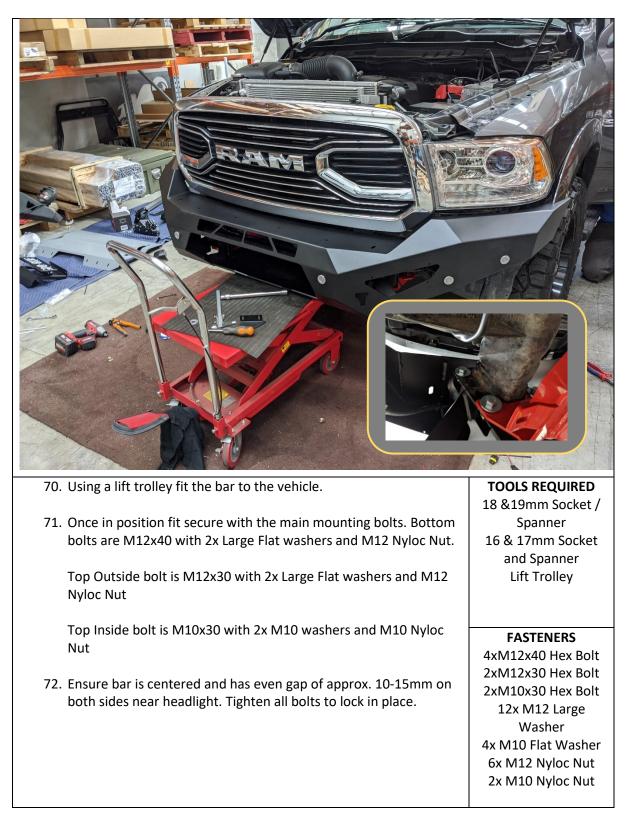


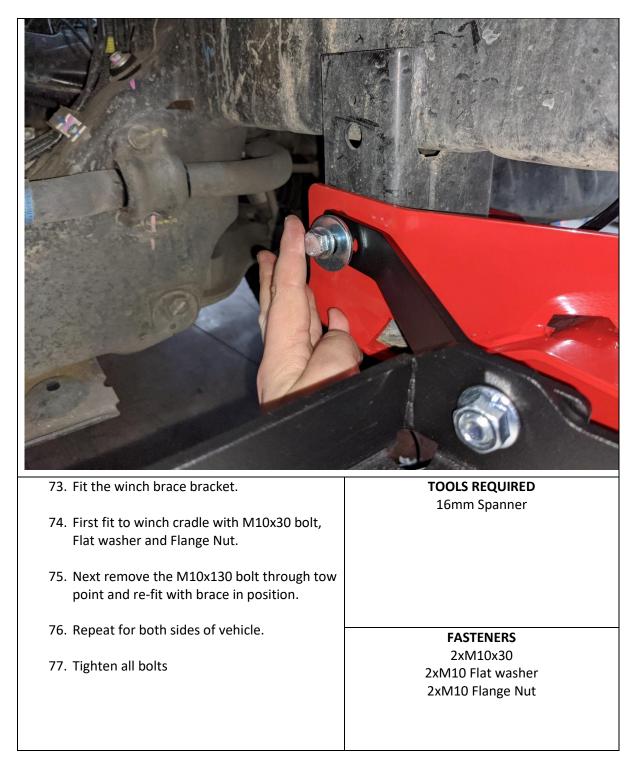


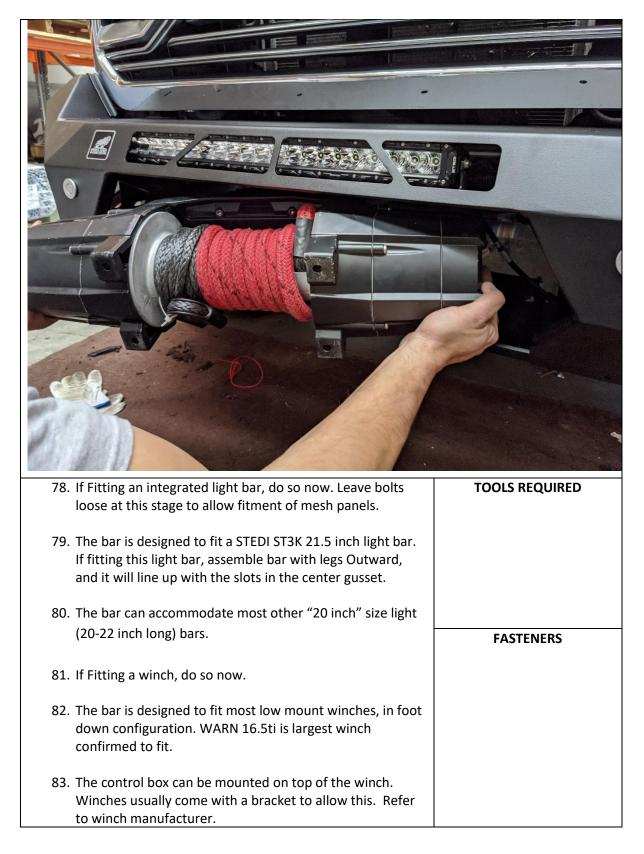












84. Prepare the Center mesh panel for fitment.	TOOLS REQUIRED
 85. If Required, Fit winch fairlead to Mesh Fairlead Mount. Use M10 or 3/8" Fasteners supplied with winch. The bar is only compatible with Hawse type fairleads. 86. Fit Number plate flip kit to fairlead mount, wrige fasteners supplied in kit 	
using fasteners supplied in kit.	FASTENERS

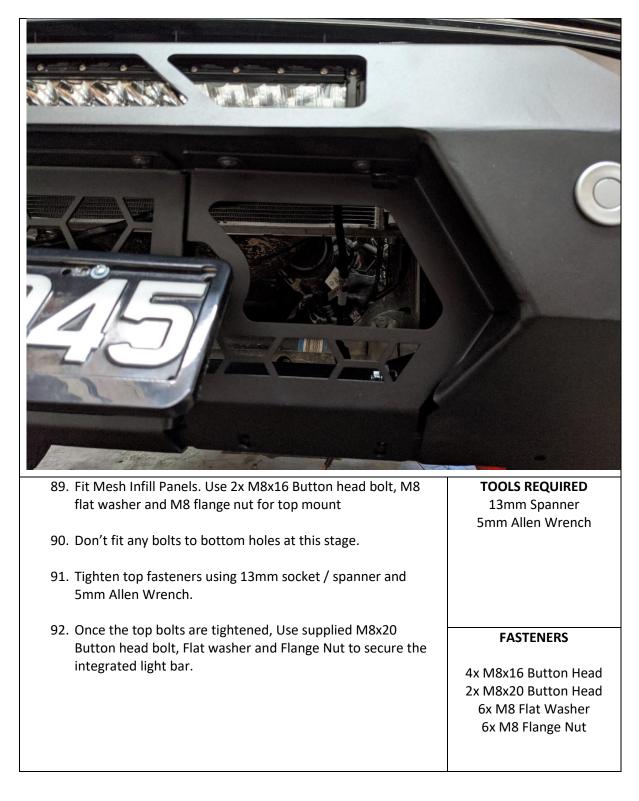


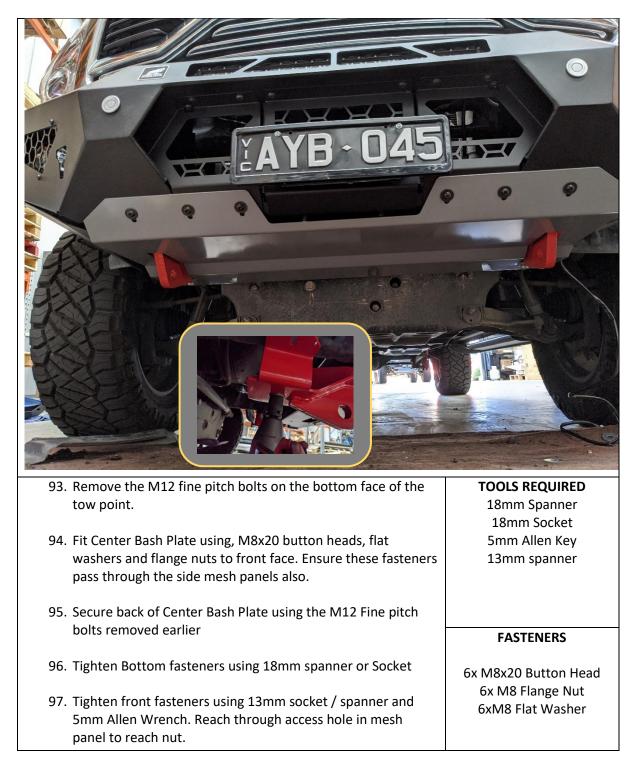
- 87. Fit the Mesh Fairlead Mount to the center of the bar, using M8x16 Button head (Top), M8x20 Button Head (Bottom) M8 Flat washers and M8 Flange Nuts.
- **TOOLS REQUIRED** 13mm Spanner 5mm Allen Wrench

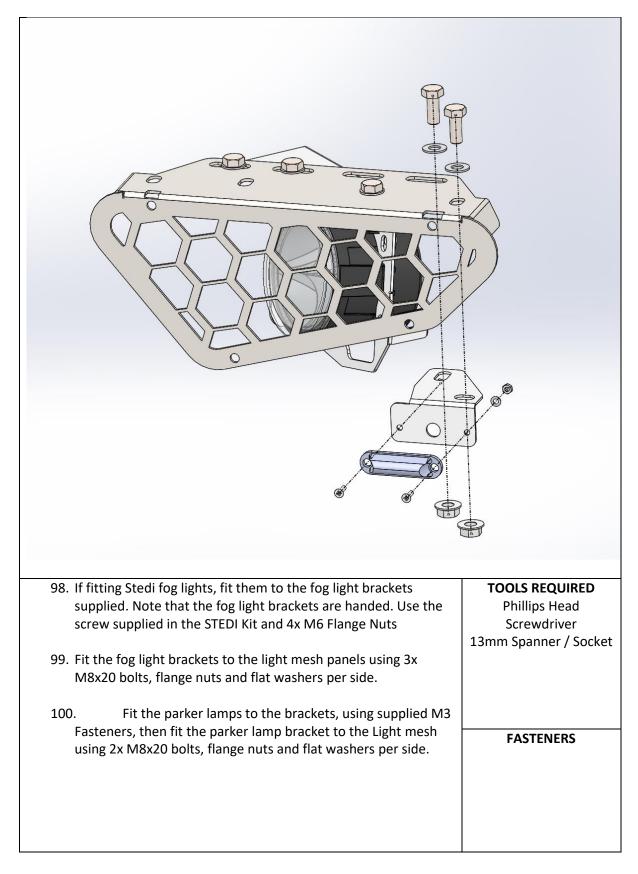
88. Tighten fasteners using 13mm socket / spanner and 5mm Allen Wrench.

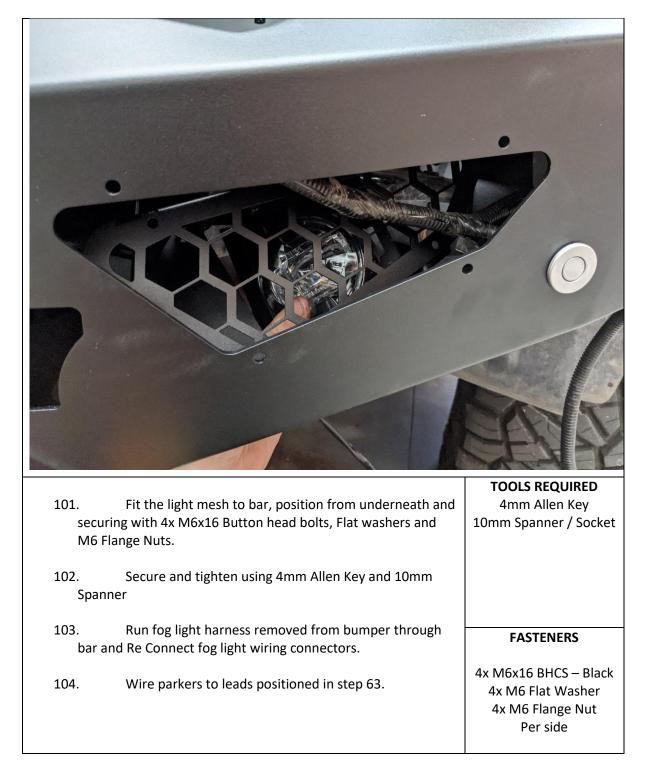
FASTENERS

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

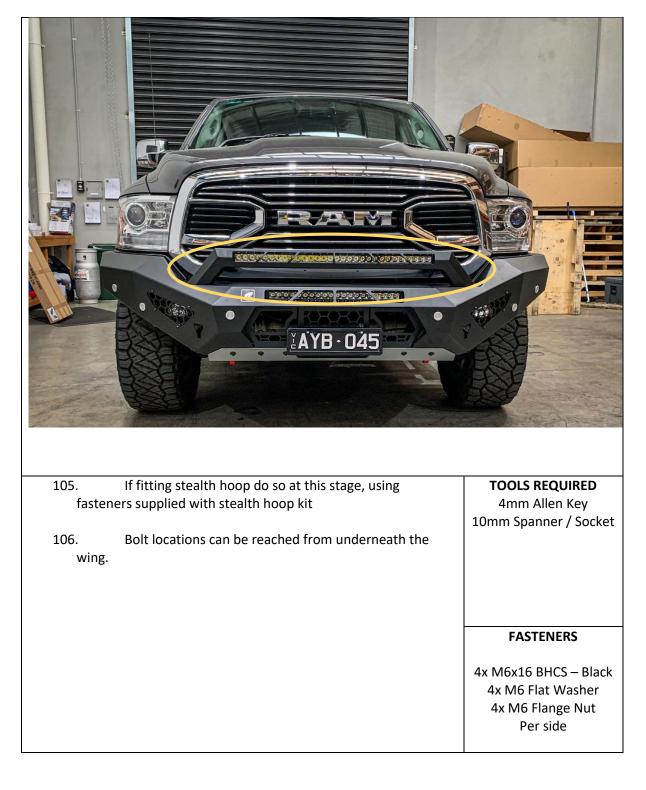




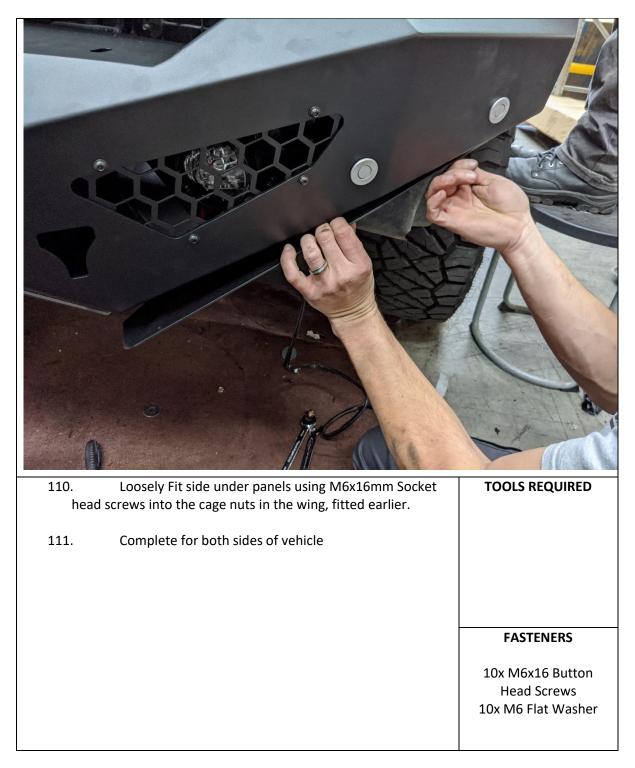


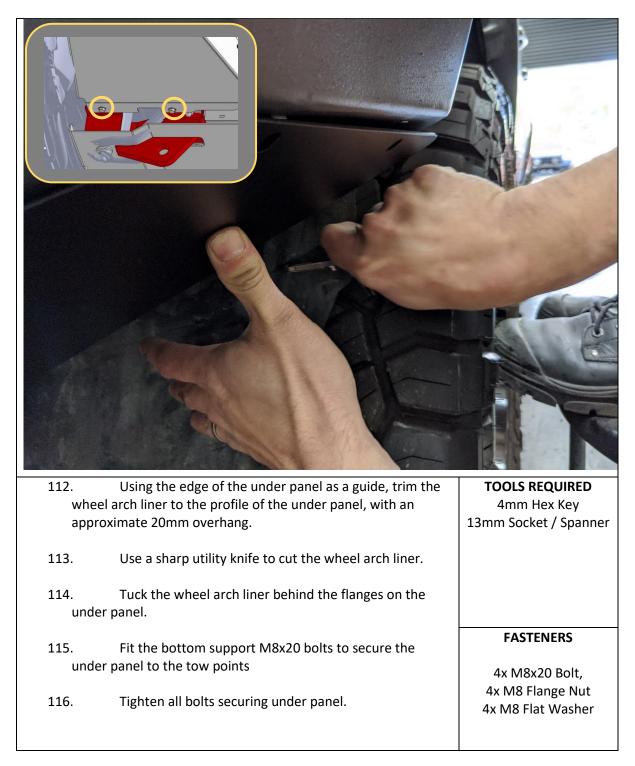


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Insert From Underneath Wing	
107. For Express Models, fit the headlight infill panels to the gap between the wing and headlight using M6x16 Button Head Bolts, Flat washers and Flange Nuts.	TOOLS REQUIRED 4mm Allen Key 10mm Spanner / Socket
108. Infills fit from underneath wing and sit under the top face of the wing.	
109. This step is not required for Laramie models as area is	
covered by wheel arch flare	FASTENERS
	4x M6x16 BHCS – Black 4x M6 Flat Washer 4x M6 Flange Nut Per side





117. Re Check all Fasteners are tight. TOOLS REQUIRED 118. Re-Fit Number Plate to number plate flip. 119. 119. Your done. Hit the tracks and enjoy your newly protected RAM! FASTENERS	© Offroad Anima		
119. Your done. Hit the tracks and enjoy your newly protected RAM!	117. Re Check	all Fasteners are tight.	TOOLS REQUIRED
protected RAM!	118. Re-Fit Nui	nber Plate to number plate flip.	
FASTENERS		e. Hit the tracks and enjoy your newl	y .
			FASTENERS