

TOYOTA LANDCRUISER 105 SERIES

1998-2002

PREDATOR & TORO FRONT BAR

IMPORTANT! – READ BEFORE INSTALLATION

- When installed in accordance with these instructions, the front protection bar does not affect the operation of the vehicle's 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.

Base Kit Parts – In the Box

Qty	Part Number	Description	Image
1	FB-TLC-100- 98-PR-ASM1	LC100/105 Predator Bar Weldment	
	1	1	OR
1	FB-TLC-100- 98-TOR-ASM1	LC100/105 Toro Bar Weldment	
1	FB-TLC-100- 98-PR-ASM4	LC100/105 Mesh Fairlead Welded Assembly	
2	B-0822	WL Predator Number Plate Bracket	
2	B-1169	Wing Mesh Light Bracket	
1	B-1406	LC100/105 Pan Brace	
1	U-0093R	LC100/105 Side Underpanel RH	

REV A

1	U-0093L	LC100/105 Side Underpanel LH	
1	U-0103	LC100/105 Wheel Arch Guard RH	
1	U-0104	LC100/105 Wheel Arch Guard LH	
1	FB-TLC-100- 98-PR-ADRCP	ADR Compliance Plate 100 Series	OFFROAD ANIMAL, 17 BAYPORT COURT MCRININGTON, VIC, 3931, AUS PART INC: EP-IIIC-100-98-19-45890 TOYOTA LANDCRUBER 100 SERIE 1998-2007 THEREOUCCOURT OF THE AND ANIT OF EXCOMPLIA NO ACCESSORY OR TIMENT SHULT PROJECT FORWARD OF THE PRODUCTS FORWARD FOR LID ON USE THE ROOCHED. NO ACCESSORY OR TIMENT SHULT PROJECT FORWARD OF THE PRODUCTS FORWARD PROFILE ON USE THE ROOCHED. OTHER MOTIOR VEHCLE FOR WHICH IT'S NOT DESIGNED. DO NOT REMOVE LABLE. MIG DATE:
1	OFA-LOGO	Offroad Animal Metal Logo	
1	FI Note	Fitting Instruction Note	N/A
2	PWS-SIDE-730	Pinch Weld PWS53S - Side Bulb Seal 730mm	N/A
	1	TOF	ROONLY
2	B-0649	Toro Antenna Bracket – 90 Degree Tall	

PREDATOR Base Kit Fasteners – Contained in Small Parts Kit Bag

01	Davit Nuveala av	Description	
Qty	Part Number	Description	
32	M6x16 BHCS BLACK ZINC	SCREW, BUTTON HEAD CAP, M6X16X1 GR12.9, ISO4042	
		ZnNi BLACK PASSIVATED FINISH	
32	M6 FLAT WASHER BLACK	M6 Flat Washer, 12x6.1x1, ISO4042 ZnNi BLACK	
	ZINC	PASSIVATED FINISH	
12	M6 FLANGE NUT	Flange Nut, M6x1 G8.8 ZP	
16	M6CN3MM	CAGE NUT M6x2.6-3.5	
4	M8 X 20 HEX	Bolt Hex, M8X20x1.25, GR8.8 ZP	
2	M8 X 16 BHCS BZP SCREW, BUTTON HEAD CAP, M8X16X1.25		
		ISO4042 ZnNi BLACK PASSIVATED FINISH	
2	M8 X 20 BHCS BLACK ZINC	SCREW, BUTTON HEAD CAP, M8X20X1.25, ISO4042 ZnNi	
		BLACK PASSIVATED FINISH	
2	M8 FLAT WASHER	M8 FLAT WASHER	
4	M8 HD FLAT WASHER	M8 FLAT WASHER - High Tensile 19x8x1.9mm	
4	4 M8 HD FLAT WASHER - BZP M8 FLAT WASHER - High Tensile 19x8		
		ZnNi BLACK PASSIVATED FINISH	
2	M8 NYW	Washer, M8, Nylon	
2	M8 FLANGE NUT	Flange Nut, M8x1.25 G8.8 ZP	
2	M8 NYLOC	NYLOC SELF LOCKING NUT, ST STL A2 ISO	
8	M12X30	Bolt Hex, M12X30x1.75, GR8.8 ZP	
10	M12 FW LHD	M12 FW Large Heavy Duty	
6	M12 FLANGE NUT	Flange Nut, M12x1.75 G8.8 ZP	
2	M12 Nyloc nut	M12 NYLOC NUT	

TORO Base Kit Fasteners – Contained in Small Parts Kit Bag

Qty	Part Number	Description	
32	M6x16 BHCS BLACK ZINC	SCREW, BUTTON HEAD CAP, M6X16X1 GR12.9, ISO4042	
52	WIOXIO BRCS BLACK ZINC		
		ZnNi BLACK PASSIVATED FINISH	
32	M6 FLAT WASHER BLACK	FLAT WASHER BLACK M6 Flat Washer, 12x6.1x1, ISO4042 ZnNi BLACK	
	ZINC	PASSIVATED FINISH	
12	M6 FLANGE NUT	Flange Nut, M6x1 G8.8 ZP	
16	M6CN3MM	CAGE NUT M6x2.6-3.5	
4	M8 X 20 HEX	Bolt Hex, M8X20x1.25, GR8.8 ZP	
2	M8 X 16 BHCS BZP	SCREW, BUTTON HEAD CAP, M8X16X1.25 GR12.9,	
		ISO4042 ZnNi BLACK PASSIVATED FINISH	
6	M8 X 20 BHCS BLACK ZINC	SCREW, BUTTON HEAD CAP, M8X20X1.25, ISO4042 ZnNi	
		BLACK PASSIVATED FINISH	
2	M8 FLAT WASHER	M8 FLAT WASHER	
4	M8 HD FLAT WASHER	M8 FLAT WASHER - High Tensile 19x8x1.9mm	
		M8 FLAT WASHER - High Tensile 19x8x2mm, ISO4042	
		ZnNi BLACK PASSIVATED FINISH	
2	M8 NYW	Washer, M8, Nylon	
2	M8 FLANGE NUT	Flange Nut, M8x1.25 G8.8 ZP	
2	M8 NYLOC	NYLOC SELF LOCKING NUT, ST STL A2 ISO	
8	M12X30	Bolt Hex, M12X30x1.75, GR8.8 ZP	
10	M12 FW LHD	M12 FW Large Heavy Duty	
6	M12 FLANGE NUT	Flange Nut, M12x1.75 G8.8 ZP	
2	M12 Nyloc nut	M12 NYLOC NUT	

105 Series Mount Kit Parts – In the Box

Qty	Part Number	Description	Image
1	FB-TLC-105- 98-PR-ASM2R	LC105 Impact Assembly RH	
1	FB-TLC-105- 98-PR-ASM2L	LC105 Impact Assembly LH	
1	FB-TLC-105- 98-PR-ASM3R	LC105 Tow Point Welded Assembly RH	
1	FB-TLC-105- 98-PR-ASM3L	LC105 Tow Point Welded Assembly LH	
1	B-1401R	LC105 Inner Chassis Brace RH	
1	B-1401L	LC105 Inner Chassis Brace LH	
2	P-0394	8MM Circular Spacer Suit M12 Bolt	
1	U-0092	LC105 Bash Plate - Suit RHD	

105 Series Mount Kit Fasteners – Contained in Small Parts Kit Bag

Qty	Part Number	Description	
2	M8 X 30 HEX	Bolt Hex, M8X30X1.25, GR8.8 ZP	
4	M8 X 30 BHCS BLACK ZINC	18 X 30 BHCS BLACK ZINC SCREW, BUTTON HEAD CAP, M8X30X1.25, ISO4042 Z	
		BLACK PASSIVATED FINISH	
2	M8 HD FLAT WASHER	M8 FLAT WASHER - High Tensile 19x8x1.9mm	
4	M8 FLAT WASHER- BLACK	M8 FLAT WASHER, 16.5x8.4x1.2, ISO4042 ZnNi BLACK	
	ZINC	PASSIVATED FINISH	
8	M10 x 30	Bolt Hex, M10X30x[1.5], GR8.8 ZP	
4	M10X50X1.25	Bolt Hex, M10X50X1.25, GR8.8 ZP	
12	M10 FW LHD	WASHER, FLAT M10X28.5X2.5	
4	M10 FLANGE NUT	Flange Nut, M10x1.5 G8.8 ZP	
2	M12X30X1.25	Bolt Hex, M12X30x1.25, GR8.8 ZP	
6	M12X40x1.25	Bolt Hex, M12X40x1.25, GR8.8 ZP	
8	M12 FW LHD	M12 FW Large Heavy Duty	

TOOLS REQUIRED

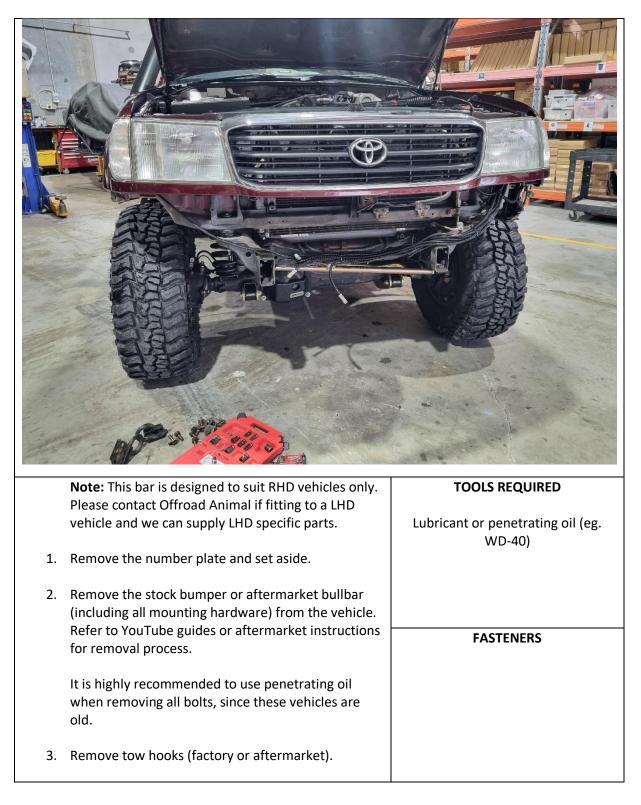
The following tools will be required to install the product.

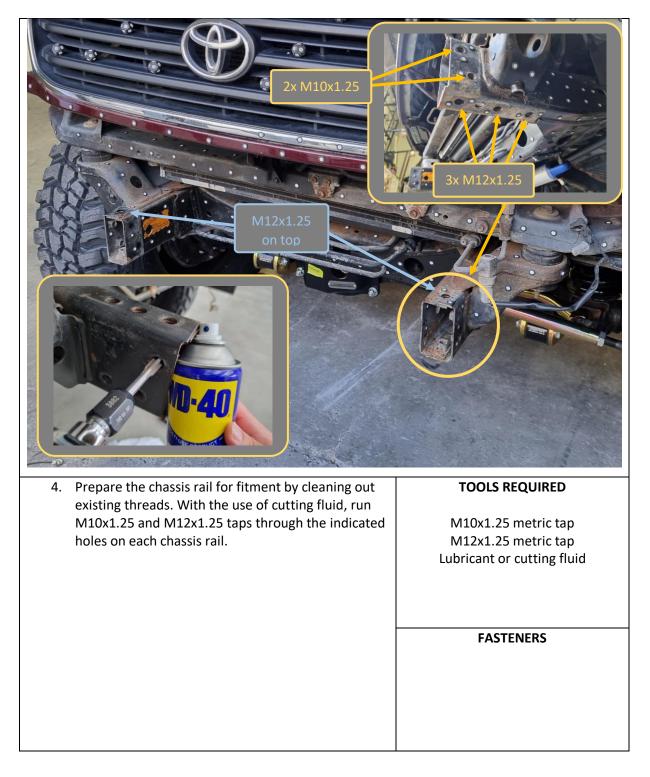
Hand Tools	Power Tools	Workshop Equipment
Metric Socket Set 10-19mm	Electric/Air Impact	Panel stand
	Driver (Optional)	or
Socket Extension Bar		Soft Blanket
	Angle grinder	
Metric Spanner Set 10-19mm		Lifting Trolley
Hoy (Allon) Koy Sot 4 6mm		Moacuringtono
Hex (Allen) Key Set 4-6mm		Measuring tape
Flat Blade Screwdriver Set		Lubricant (eg. WD-40)
Phillips Head Screwdriver Set		Rust Inhibiting Paint
Utility Knife		
Side Cutters		
M10x1.25 metric tap		
M12x1.25 metric tap		

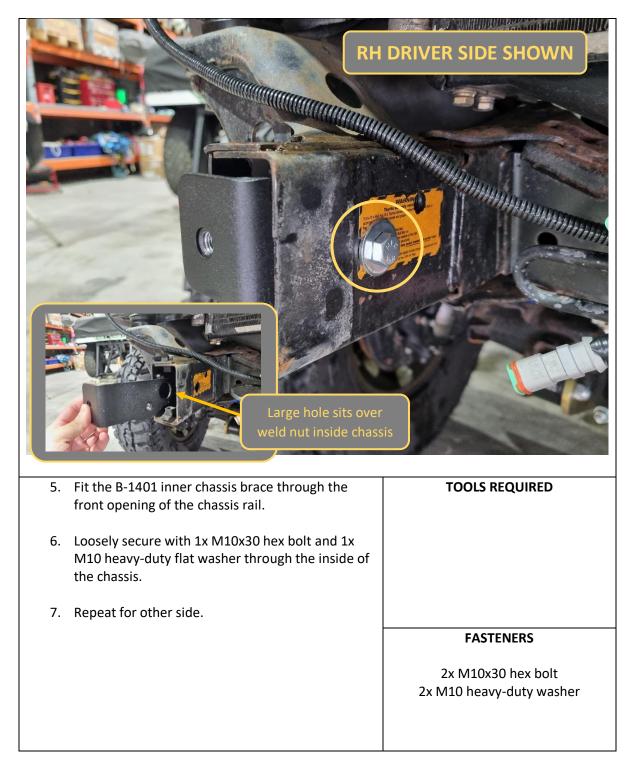
WORKSHOP SAFTEY

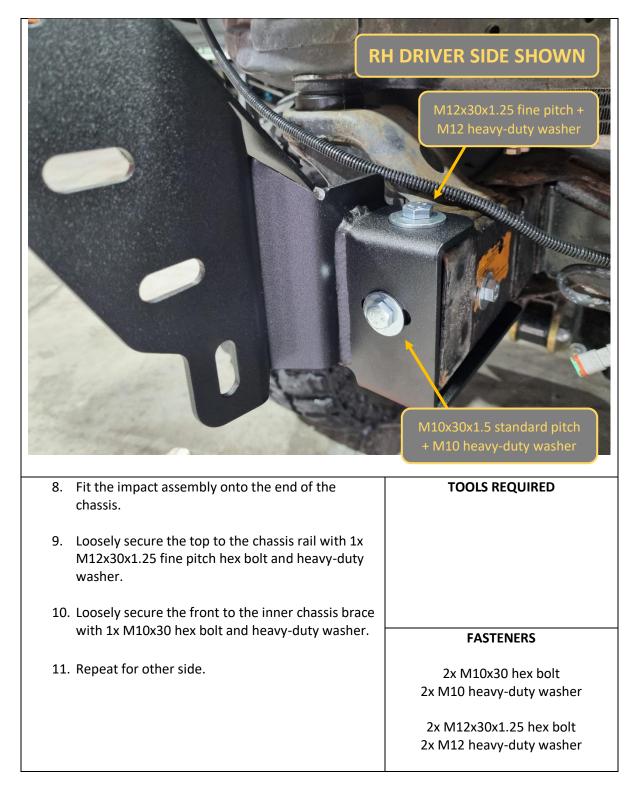
It is the responsibility of the installer to always complete works in a safe manner. Make sure the following safety equipment is available and precautions are observed whilst fitting this product.

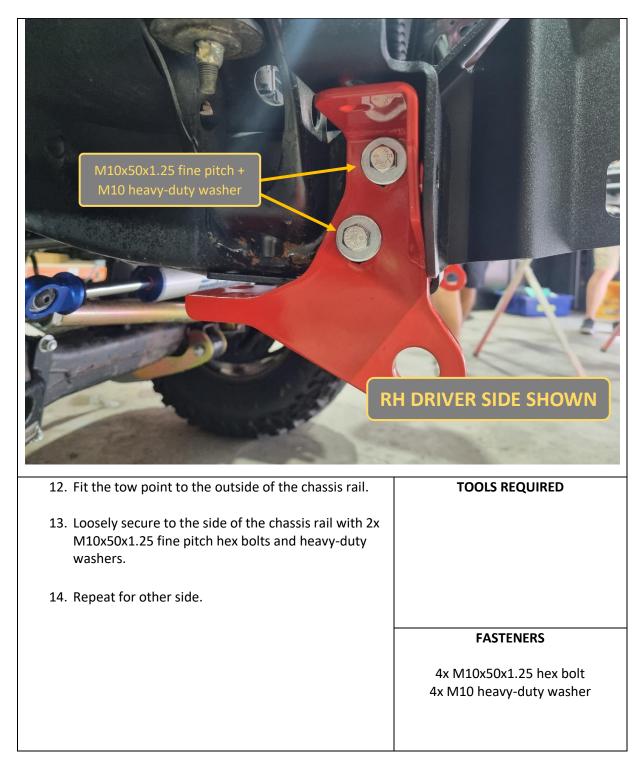
Hearing Protection	Always wear ear protection when using power tools.
Eye Protection	Ensure eye protection is always worn when cutting or drilling.
Manual Handling	Do not attempt to lift bar assemblies or rock sliders on your own. Always use two people to lift or use mechanical lifting aid such as hydraulic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

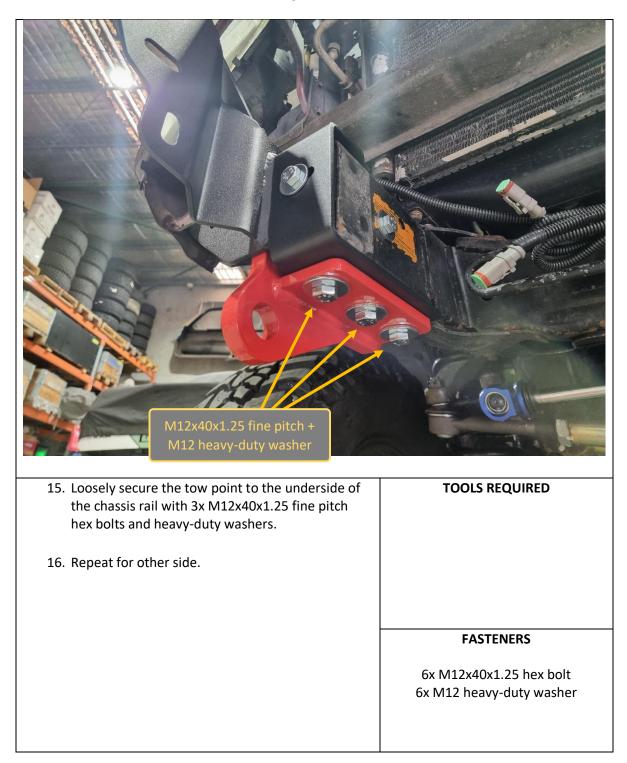


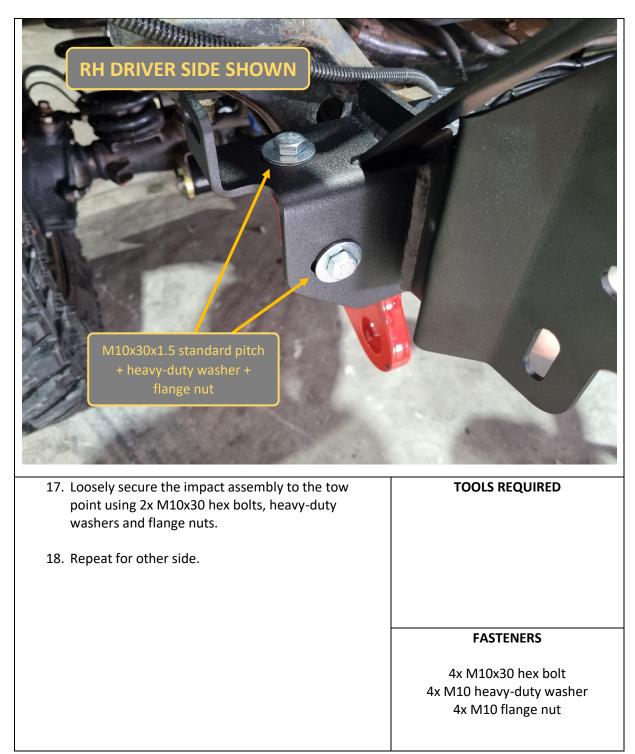












'98-'02 Toyota LandCruiser 105 Predator & Toro Front Bar



19. Measure the distance between the outside faces of uprights on bar using tape measure. Write distance below for reference if required.

Bar Upright Width = _____mm

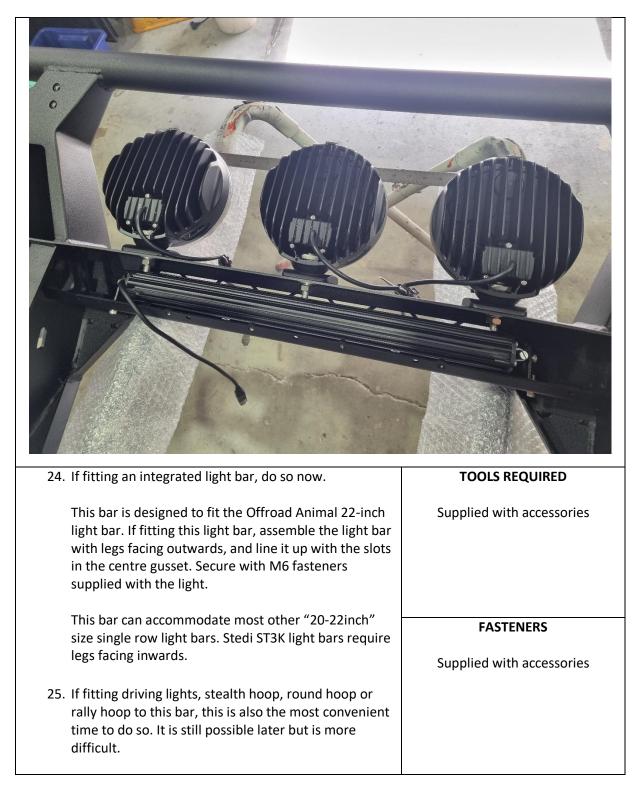
- 20. Adjust mounts by sliding left/right on the slots, such that distance between inner faces of mounts are approximately 2mm more than bar. Ensure the mount faces are vertically upright and symmetric left/right on the chassis.
- 21. Also measure from the mount to somewhere on the outer guard/headlight to make sure they mounts are central to the vehicle body.
- 22. Tighten all bolts securing impact assemblies, tow points and inner chassis braces.
- 23. Re-check the distance and re-adjust as required.

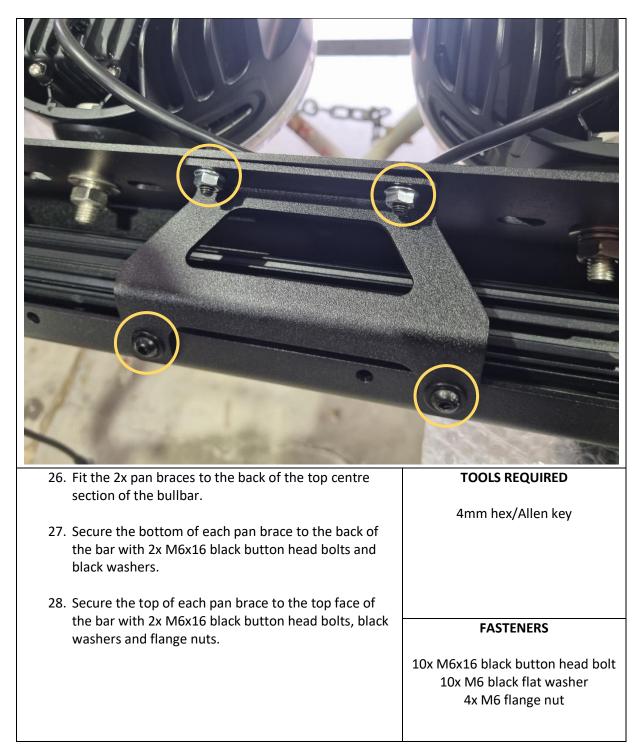
TOOLS REQUIRED

Tape measure

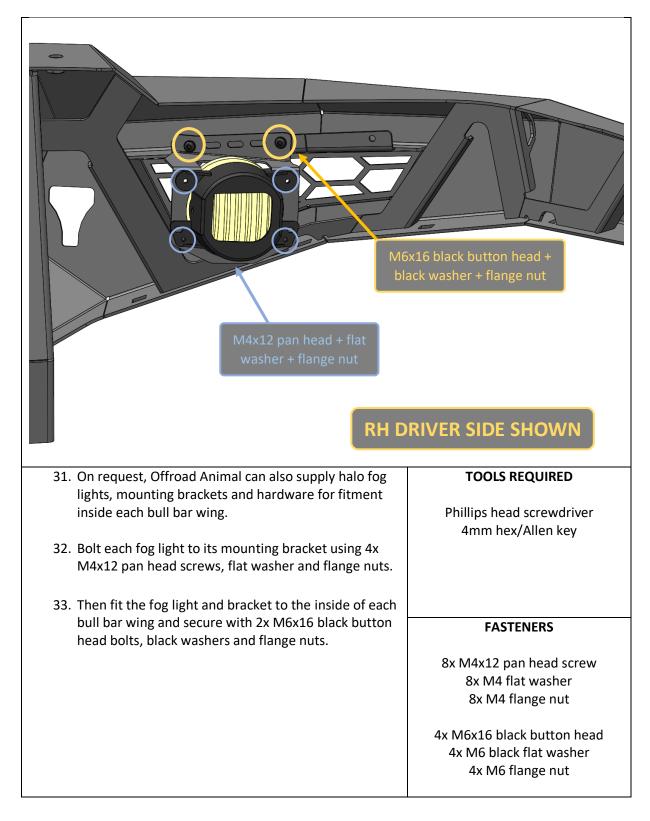
17mm socket/spanner 19mm socket/spanner

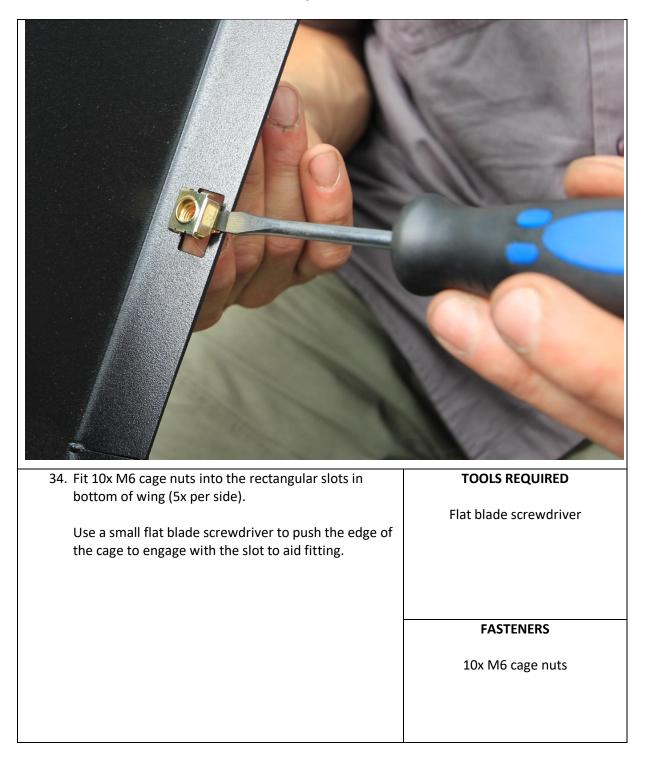
FASTENERS

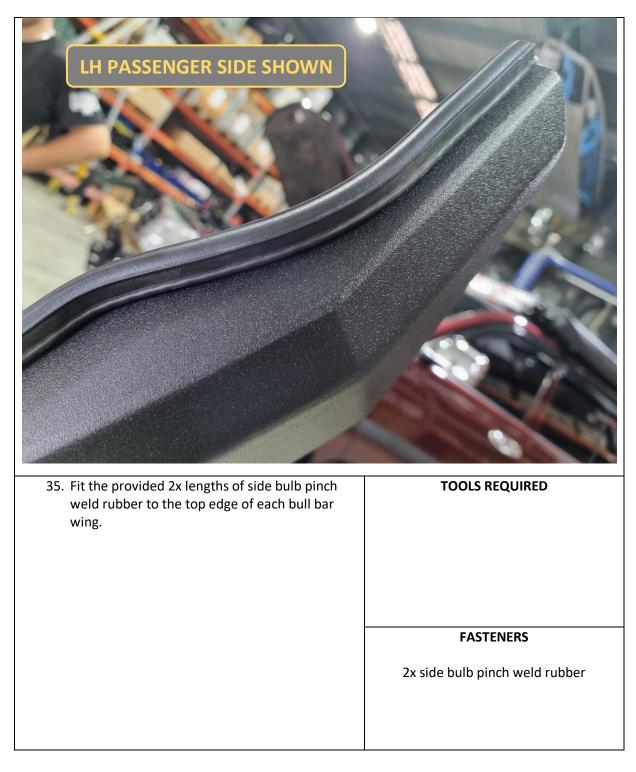












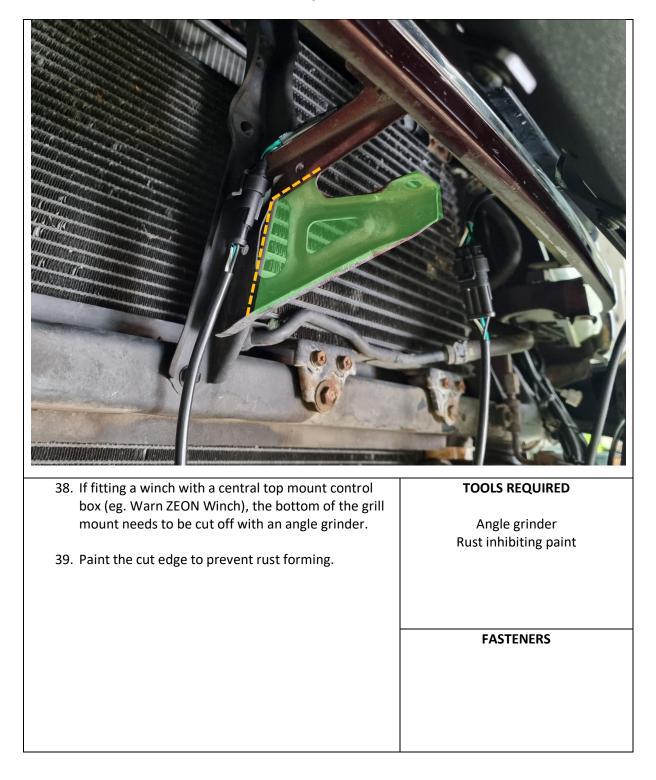


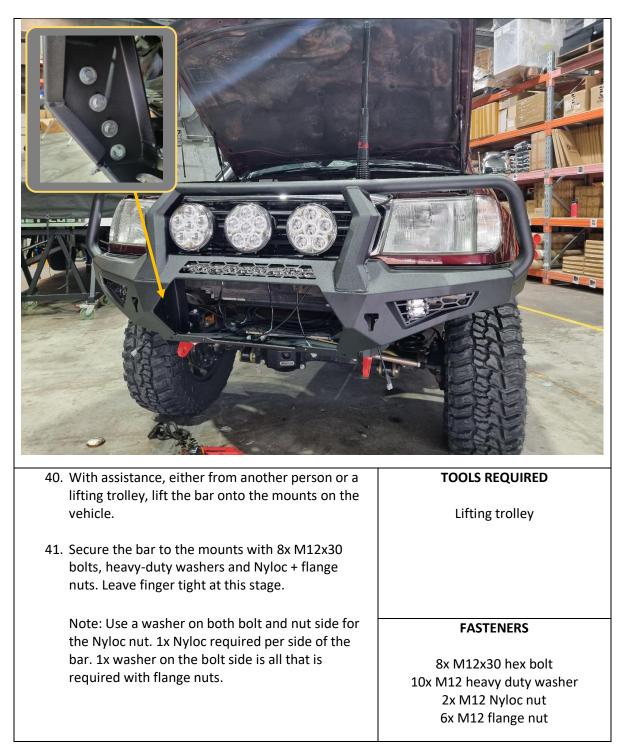
- secure with 2x M8x20 black button head bolts and black washers, each.
- 37. Toro only. Else fit the 2x M8x20 black button head bolts and black washers to the back of each bullbar upright, to protect nut threads in bar for future use.

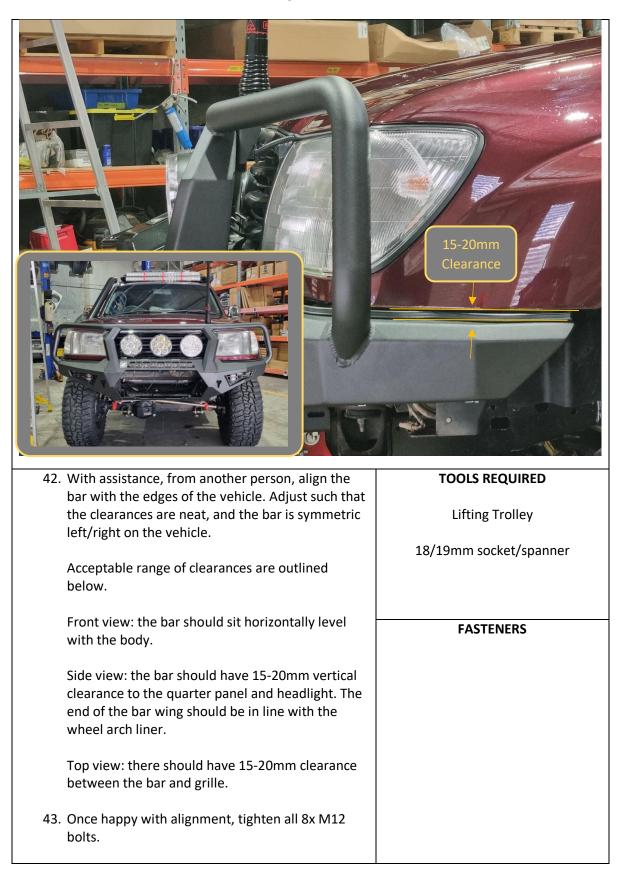
5mm hex/Allen key

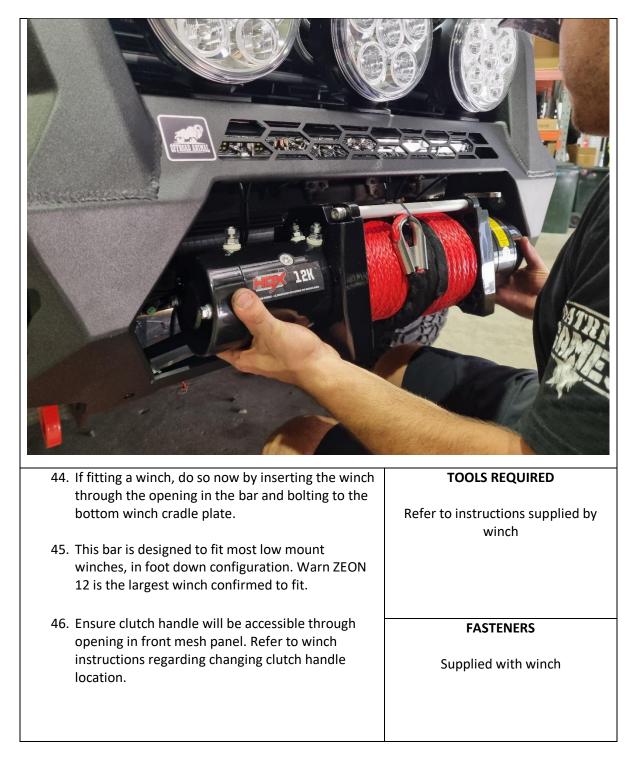
FASTENERS

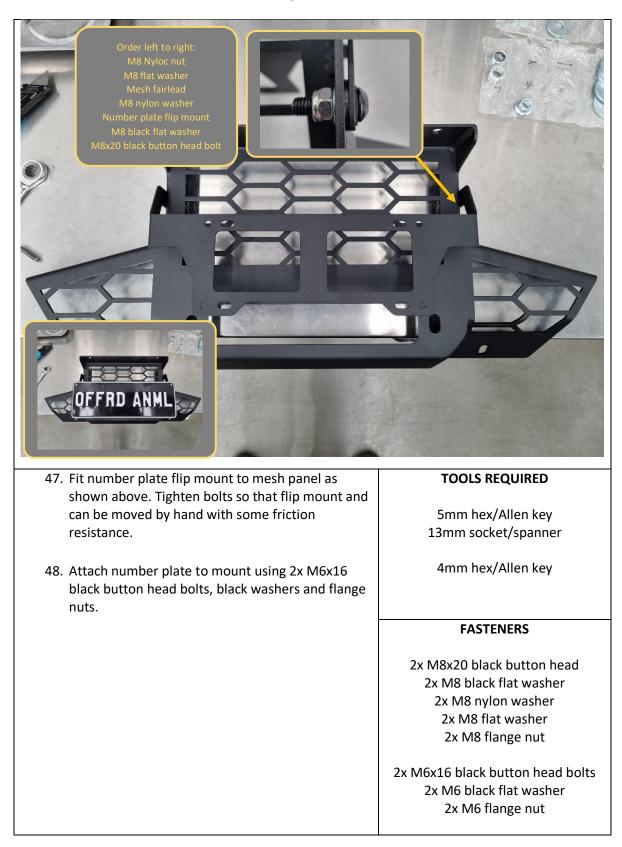
4x M8x20 black button head bolt 4x M8 black flat washer



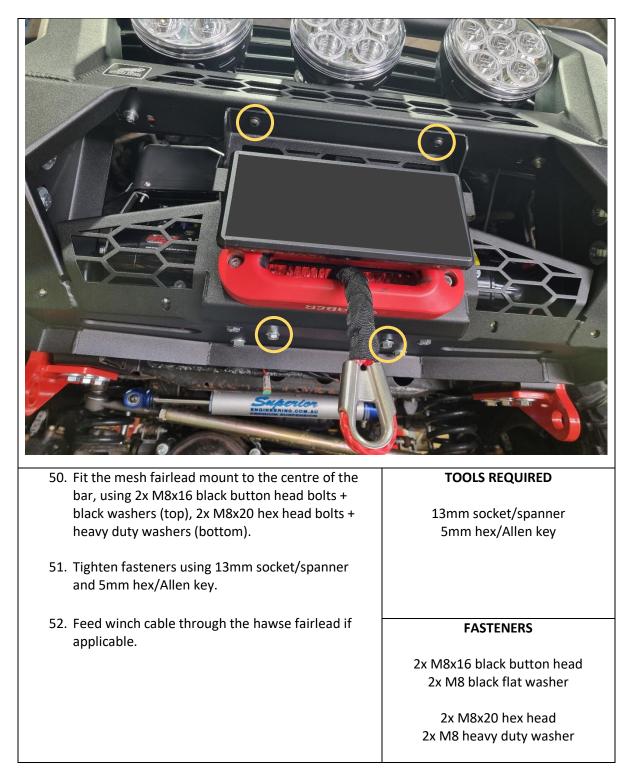


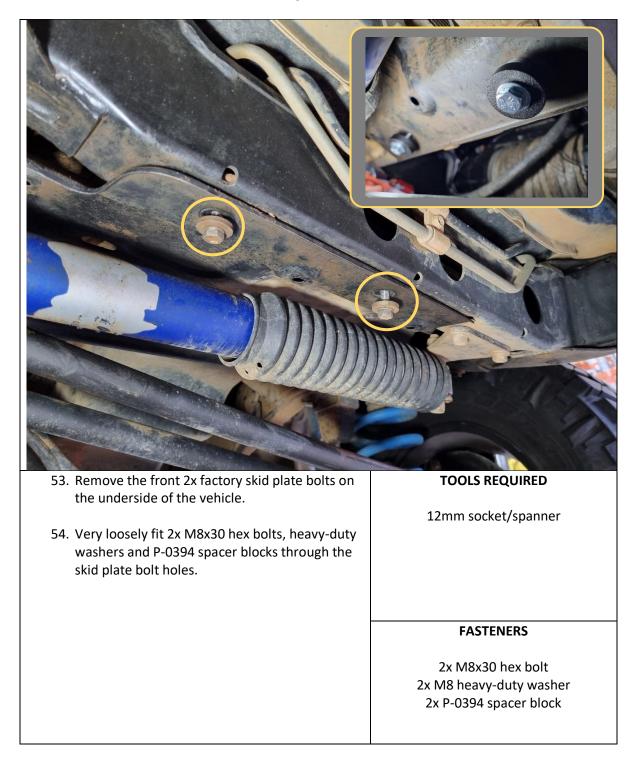












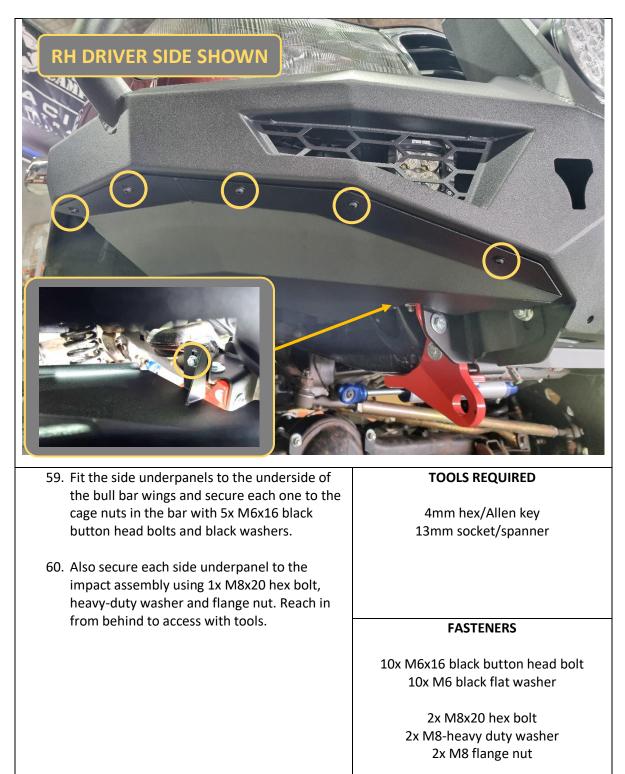
'98-'02 Toyota LandCruiser 105 Predator & Toro Front Bar



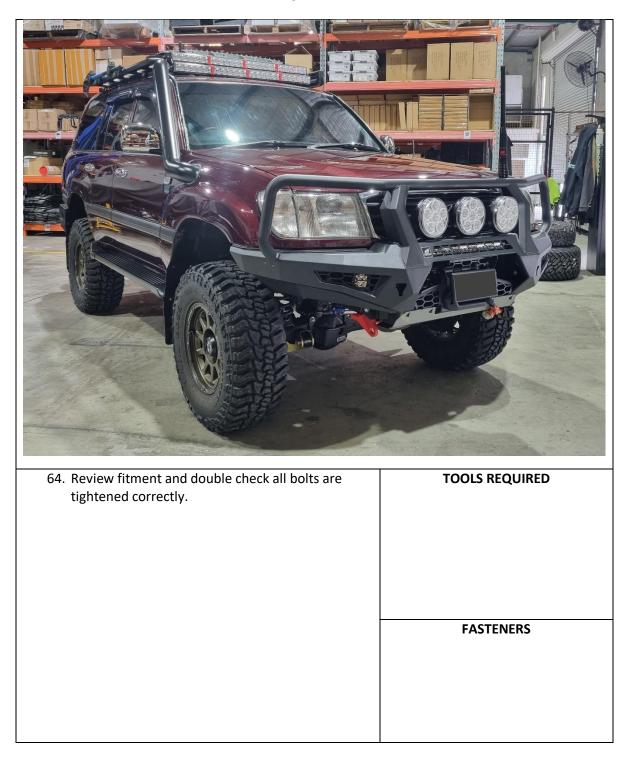
washers.

58. Tighten all bolts.

4x M8x30 black button head 4x M8 black heavy-duty flat washer







'98-'02 Toyota LandCruiser 105 Predator & Toro Front Bar



Congratulations! You're done! Head for the tracks in your revamped and refreshed 105 Cruiser!