



SUPREME X-SERIES FRONT BAR

Isuzu D-MAX (2020-2023)

INSTALLATION MANUAL

SUPREME FRONT BAR FOR ISUZU D-MAX (2020-2023)

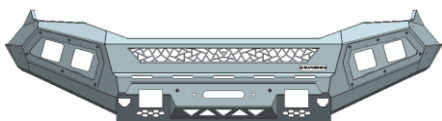
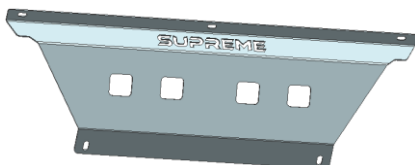
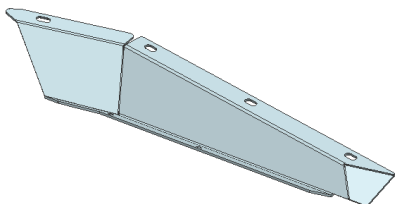
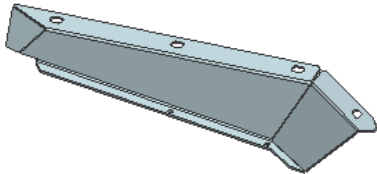
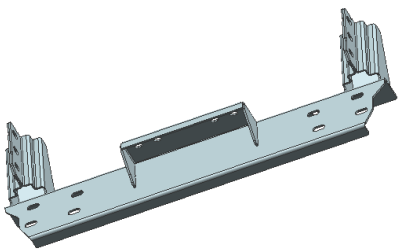
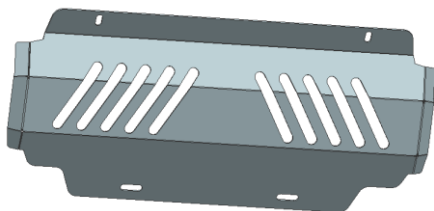
Before Installation

- Please read through the instructions completely for correct and easy installation, following these instructions carefully will help to avoid scratches or other potential damage to your vehicle.
- The figures here may vary slightly with the actual product measurements, however this will not directly affect or cause any issues with the assembly method.

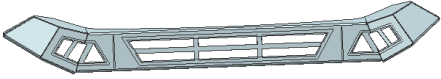
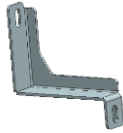
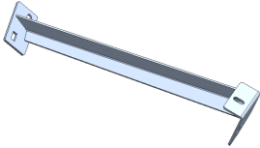

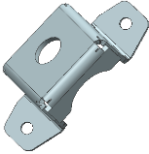
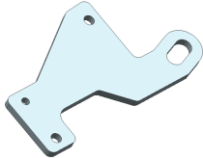
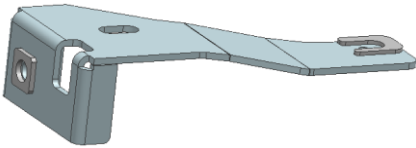
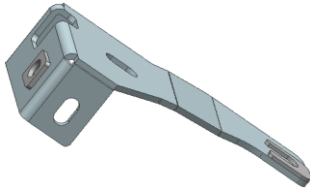
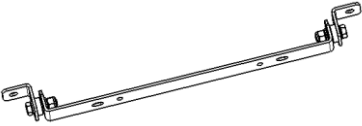
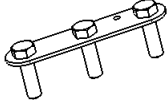

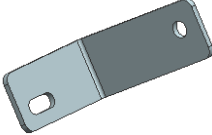
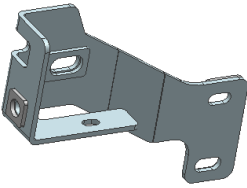
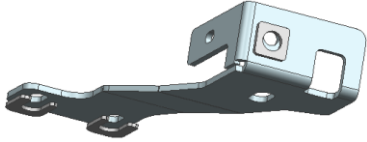
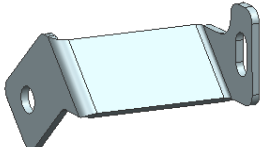
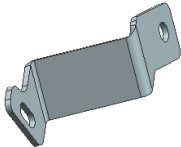
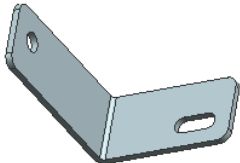
Care and Cleaning

- The product is car wash safe and can be cleaned & washed using regular car washing methods.
- For the longevity and functionality, please periodically check and retighten all the hardware and clean any debris build up.

Parts list


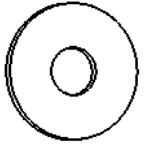
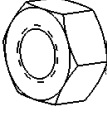
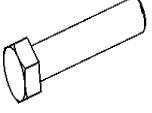
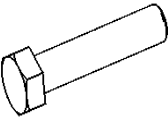

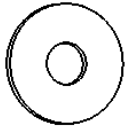
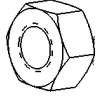
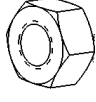
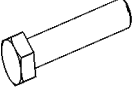
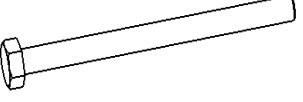


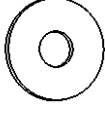

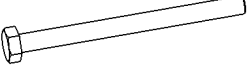



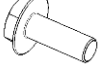
NO.	QTY	NAME	NO.	QTY	NAME
①	1	 Front Bar	②	1	 Frontal Bash Plate
③	1	 Skid plate (L)	④	1	 Skid plate(R)
⑤	1	 Winch Cradle	⑥	1	 Extended Bash Plate

Supreme X-Series Front Bar – Isuzu D-MAX 2020-2023

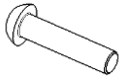


⑦	1	 Upper Grille	⑧	1	 Grille Support Bracket
⑨	1	 Support bar (L)	⑩	1	 Support bar (R)
⑪	2	 Tabs	⑫	2	 Recovery Points
⑬	1	 Inner recovery point bracket (L)	⑭	1	 Inner recovery point bracket (R)
⑮	1	 Number plate bracket	⑯	2	 Bolt plate
⑰	4	 Plate Spacer	⑱	1	 Light bar bracket (R)
⑲	1	 External recovery point bracket (L)	⑳	1	 External recovery point bracket (R)
㉑	1	 Head light bracket(L)	㉒	1	 Head light bracket(R)
㉓	1	 Light bar bracket (L)			

Supreme X-Series Front Bar – Isuzu D-MAX 2020-2023

Hardware List:

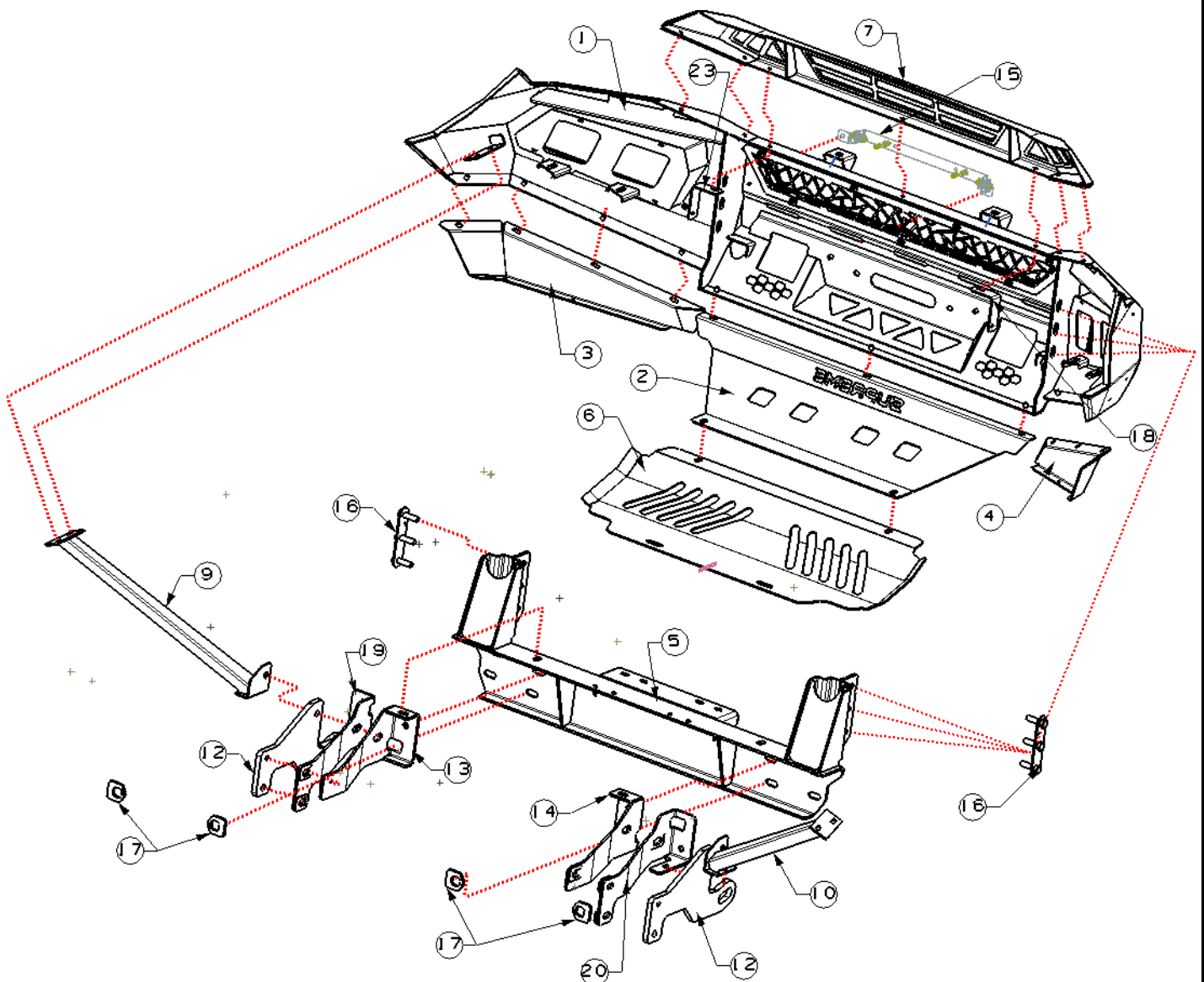
(24)	14	 Spring washer D12	(25)	22	 Large washer D12_37_3
(26)	14	 Hex nut M12	(27)	2	 Hex bolt (Full Thread) M12_35
(28)	6	 Hex bolt (Full Thread) M12_45	(29)	6	 Spring washer D10
(30)	12	 Large washer D10_30_2.5	(31)	2	 Hex nut M10
(32)	4	 Hex nut M10x1.25	(33)	4	 Hex bolt (Full Thread) M10x1.25_45
(34)	2	 Hex bolt (Full Thread) M10_110	(35)	6	 Hex nut with flange M8
(36)	2	 Spring washer D8	(37)	2	 Large washer D8_24_2
(38)	6	 Hex bolt & washer assembly M8_25	(39)	2	 Hex bolt (Full Thread) M8_100
(40)	17	 Hex nut with flange M6	(41)	2	 Spring washer D6
(42)	2	 Large washer D6_18_1.6	(43)	2	 Hexagon flange bolt M6_16

Supreme X-Series Front Bar – Isuzu D-MAX 2020-2023

44	2	 Hexagon socket flat round head screw M6_25	45	1	 Wrench S=4
46	28	 Bolt & washer assembly M6_20			

Installation Steps

Installation Fig.



Supreme X-Series Front Bar – Isuzu D-MAX 2020-2023

FIRSTLY: Verify that all parts are present.

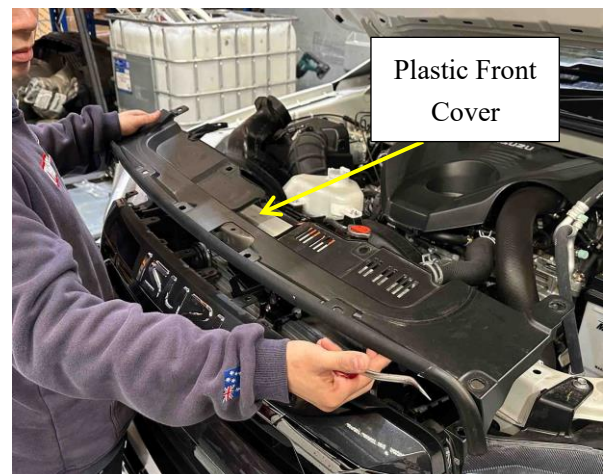
NOTE: Any factory clips or screws you remove need to be kept as it may be used in later steps.

REMOVING THE FRONT FACTORY BUMPER

1. Remove the negative battery terminal on the vehicle's battery. This is a **MUST** do step to prevent error codes and miscalibration of the vehicle's tech pack/sensors and camera.



2. Remove the Plastic Front Cover & Plastic Air Intake in the engine bay removing any clips and screws. Also there is a screw at the front of the Grille that needs removing. Keep all removed parts.



Supreme X-Series Front Bar – Isuzu D-MAX 2020-2023

3. Remove the clips under each side of the vehicle's wheel arch, and remove all clips and bolts under the vehicle to remove the bash plates

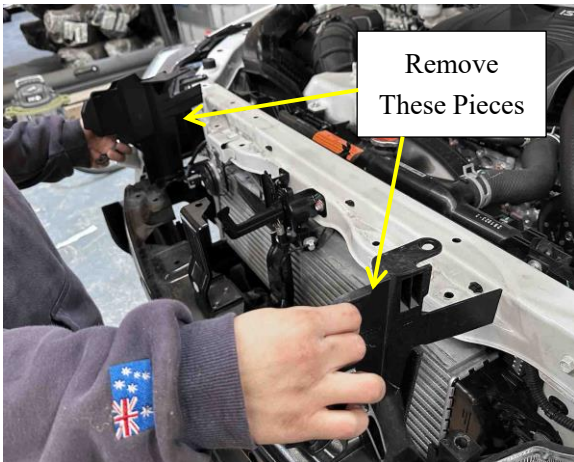


4. Gently pull on each side of the Front Bumper to unclip it (but don't completely detach it yet), on the passenger side there is a sensor/fog light plug that needs to be disconnected before completely removing the Front Bumper.

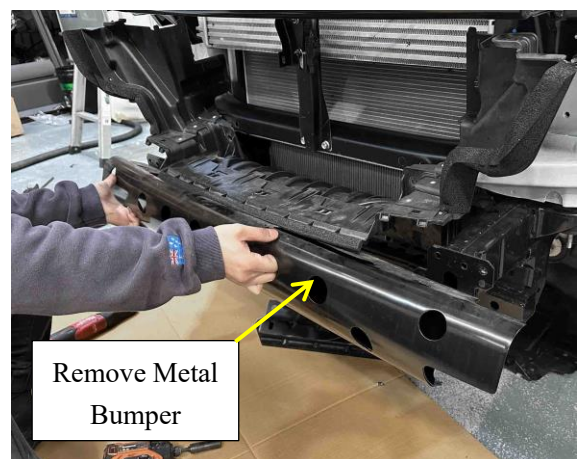
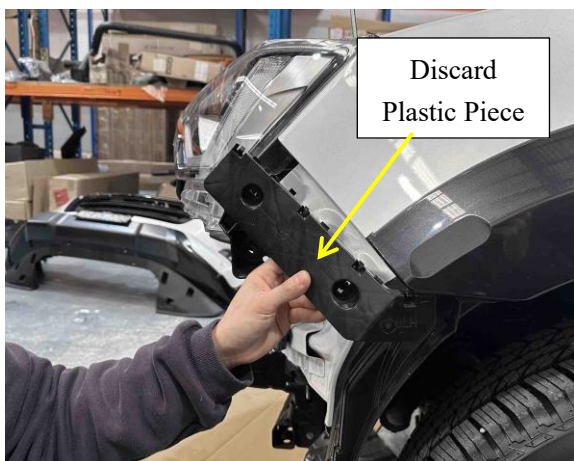


Supreme X-Series Front Bar – Isuzu D-MAX 2020-2023

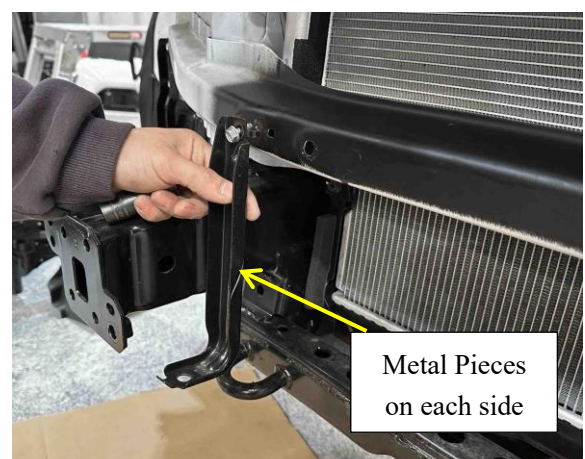
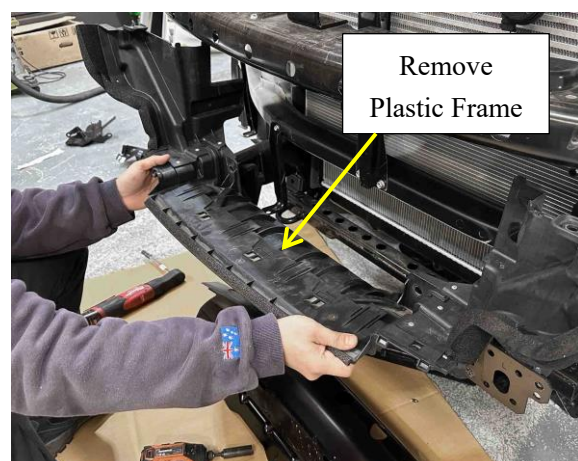
5. There is a vertical plastic piece near each headlight that needs removing. Firstly unclip the 2 clips holding it in place then the whole piece can be detached and discarded.



6. Unscrew and remove the Black Plastic Piece to the side of the Head Lights and also the Metal Bumper Piece by removing the bolts securing them in.

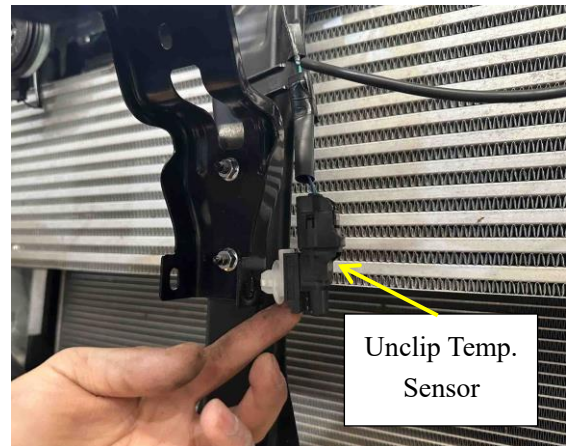
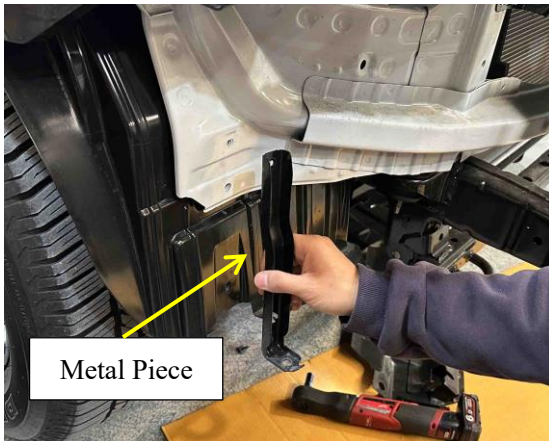


7. Then remove the Plastic Frame Piece that is above the Metal Bumper Piece that was removed in the previous step and remove the 2 Metal Pieces on each side of the intercooler as shown.

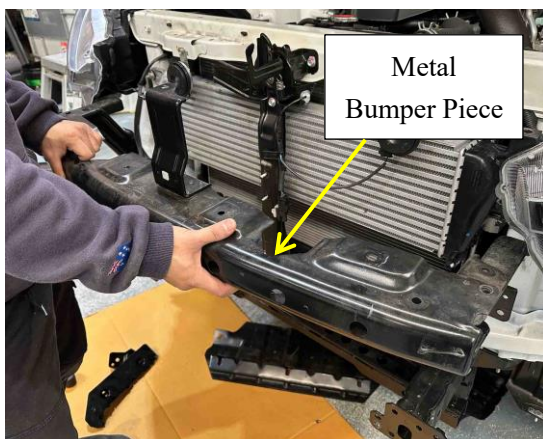


Supreme X-Series Front Bar – Isuzu D-MAX 2020-2023

8. Further out there are 2 more vertical metal pieces that need to be removed. Then you need to unclip the temperature sensor in the middle.



9. Remove the Metal Bumper Piece by removing the 4 Bolts. Then cut off the brackets at the ends of that Metal Bumper Piece, which will be needed so keep those brackets.

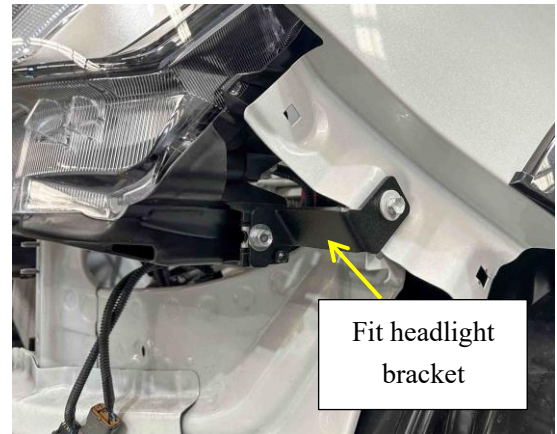
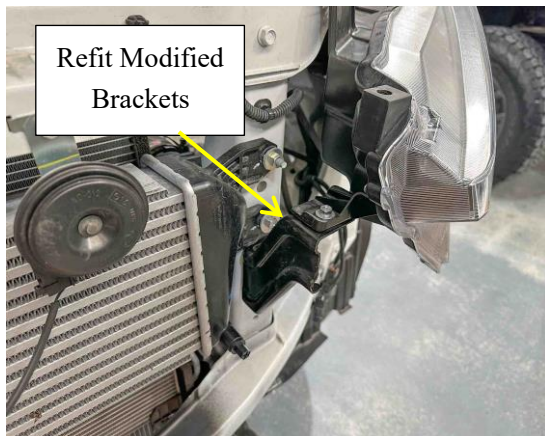


10. Keep those 2 brackets that are cut, you won't need the Metal Bumper Piece. Make sure to apply anti-rust or paint to the cut off ends to prevent rusting.



Supreme X-Series Front Bar – Isuzu D-MAX 2020-2023

11. Refit the modified brackets that were cut off in the previous step back onto the vehicle supporting the headlights. Now also fit the additional headlight brackets provided on the sides as shown.

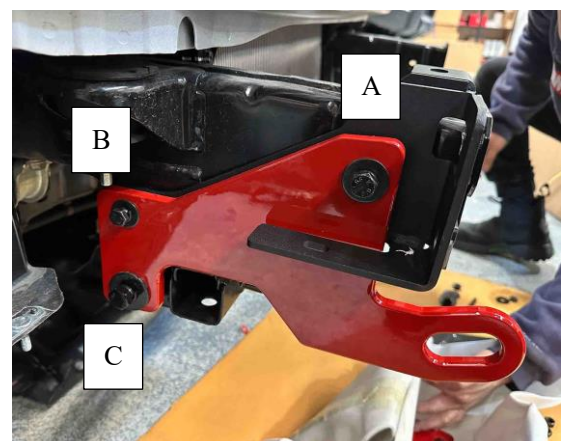
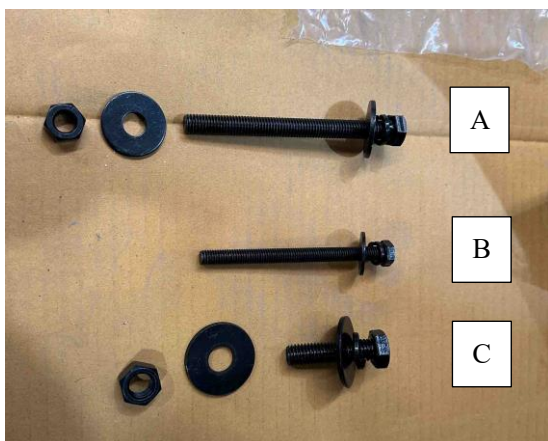


FITTING THE RECOVERY POINTS AND WINCH CRADLE

12. Setup the recovery points on each side. You will need 2 Black Brackets and 1 Red Recovery Point as shown.

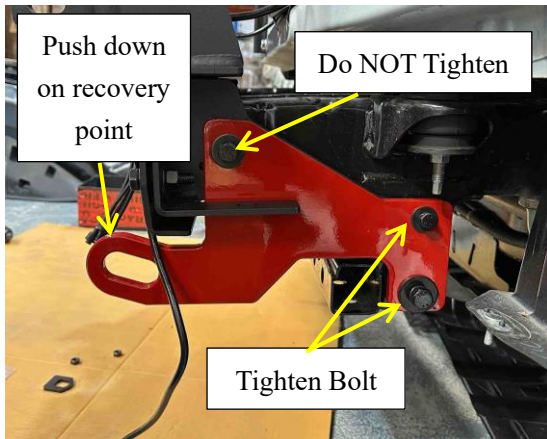


13. Setup the bolts as shown (A) (B) and (C). Then secure bolts (don't tighten yet) to the recovery points in the correct positions as shown. NOTE: Make sure the nut is the correct size fit, the wrong one will thread the bolt)

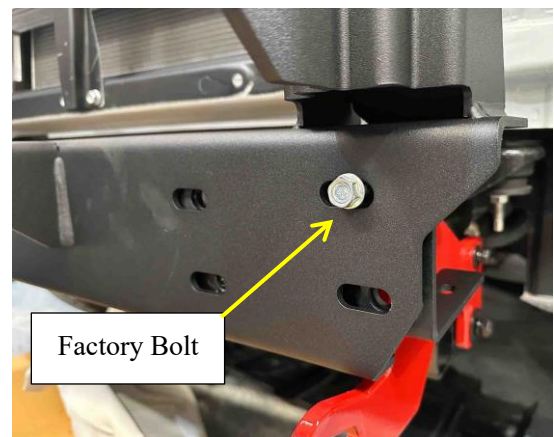


Supreme X-Series Front Bar – Isuzu D-MAX 2020-2023

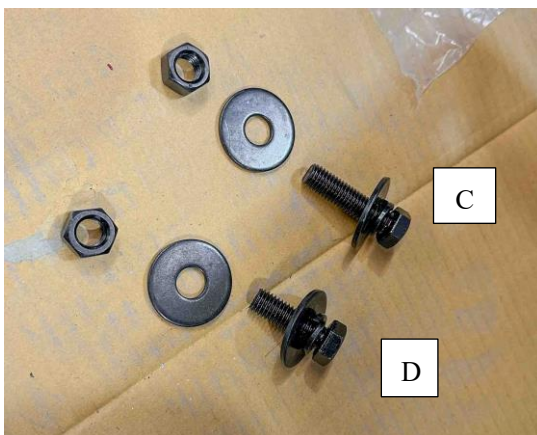
14. Now tighten the 2 inner bolts but NOT the outer one (you will need to remove this bolt to add an additional part later). Also make sure to push the red recovery point down as you tighten bolts.



15. Sit the Winch Cradle in place on top of the Recoveries and secure the top outer points with the Factory Silver Bolts which were kept for both sides.

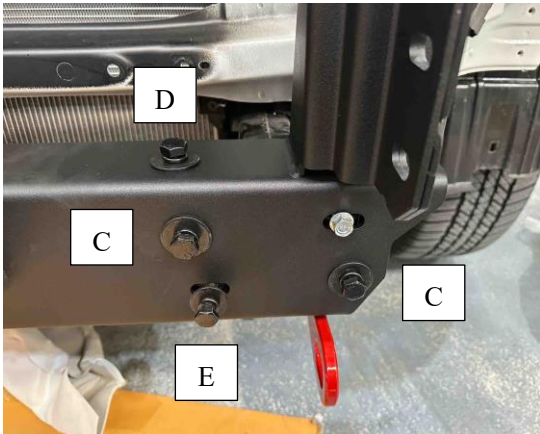


16. Setup Bolts (C), (D) and (E) like shown. You will need 2x (C) 1x (D) and 1x (E) per side

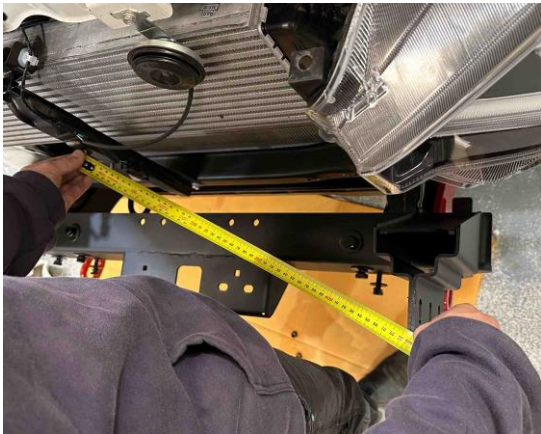


Supreme X-Series Front Bar – Isuzu D-MAX 2020-2023

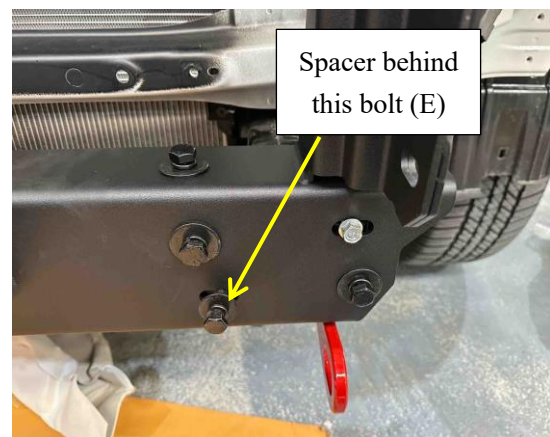
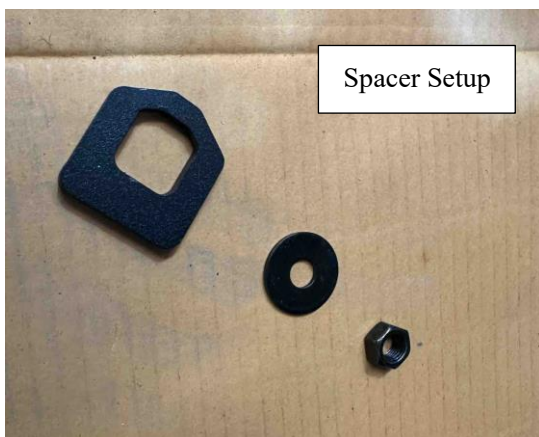
17. Using the Bolts setup above, secure them into the correct positions on the cradle as shown but do NOT tighten them yet. Do this for both sides of the cradle.



18. Measure the distance between the mid-point of the vehicle and the cradle bracket end points on each side making sure it is the same for a perfect middle alignment. Adjust if needed before tightening the cradle bolts that were set up above.

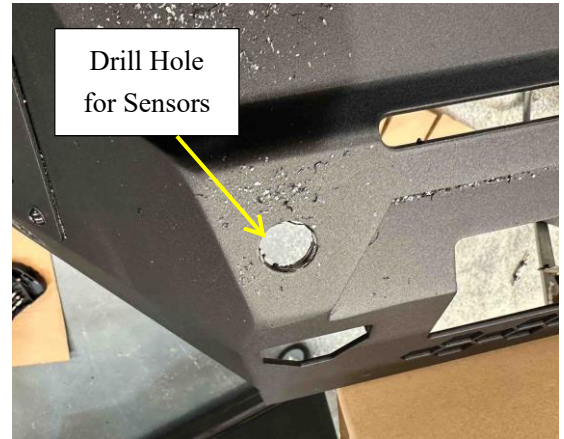


19. Setup spacers as shown below. This is put at the back of (E) from Step 17. to secure the cradle because (E) did not have a nut in its setup. NOTE: There are 4 spacers, only 2 are needed and 2 will be spare.

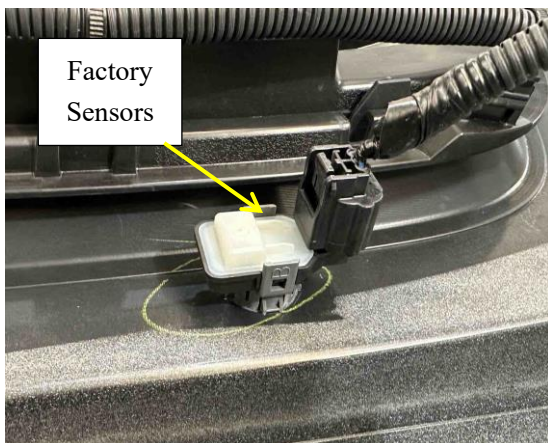


PREPARING THE FRONT BAR SENSORS

20. If the DMAX doesn't have front sensors, skip the sensor preparation steps, but if it does then the sensor holes need to be drilled and an anti-rust spray used to prevent rusting. NOTE: do NOT drill a hole larger than what is pre-set on the bar as this will cause sensor fitting issues.



21. Unplug and remove the sensors from the Factory Front Bumper. IMPORTANT: note sensor positions on the Factory Front Bumper and its orientation, you must replicate this setup onto the Supreme Front Bar



22. Modify the Factory Sensor Chamber by cutting off protruding plastic pieces so that it can squeeze into the Supreme Bar sensor holes, then fit them into the Supreme Bar. It should fit tightly.

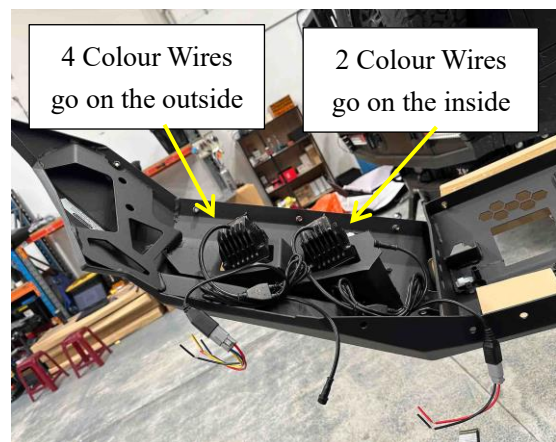


23. Fit the Factory Sensors into the Chambers, IMPORTANT making sure the orientation and positions are the same as when it was on the Factory Bumper.



PREPARING THE LIGHTS FOR THE FRONT BAR

24. Setup the 4x Cube lights like shown below securing them onto the Supreme Front Bar. There are 2 different Cube Lights, ones with 4 coloured wires and 2 coloured. The 4 coloured ones go on the outer side of the Front Bar, while the 2 coloured ones go on the inner side.



NOTE: When tightening the cube lights into position, make sure the light is NOT touching the frame of the bar, and that it is facing forwards as straight as possible and aiming at a slightly down angle.

Supreme X-Series Front Bar – Isuzu D-MAX 2020-2023

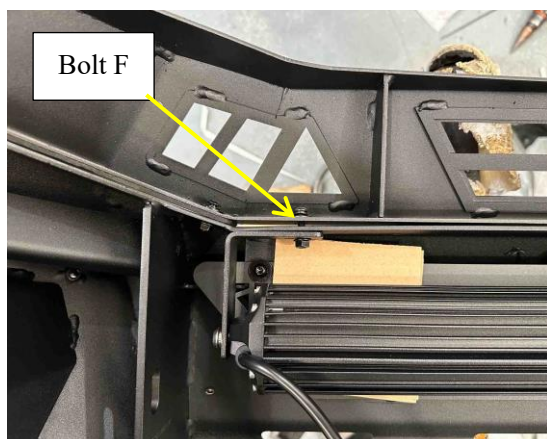
25. Setup 2x Bolts (F) and 5x Bolts (G) as shown below. Bolts (F) are slightly longer than Bolts (G)



26. Setup the Light Bar Brackets, there is a difference between left and right. Make sure the brackets are positioned as shown in the picture below, this will make sure the light bar is not hitting the front bar grille. **TIP:** Use the 2 pieces of cube light cardboard as a cushion between the light bar and front bar.

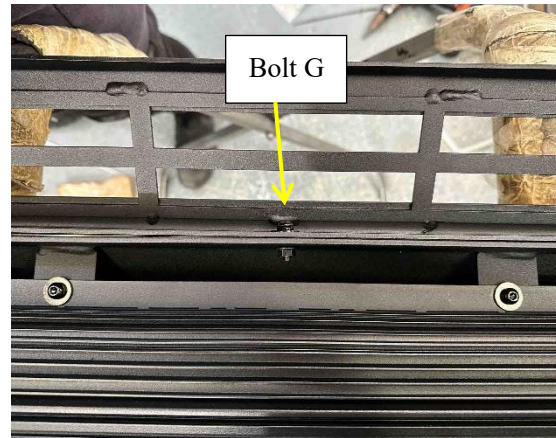
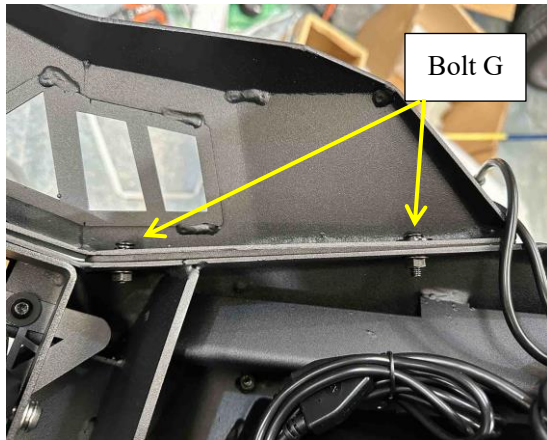


27. Place the Upper Grille onto the top of the Front Bar and put the light bar in position. Secure the Upper Grille and the Light Bar to the Front Bar using Bolt (F) from Step 25. Do this for both sides.

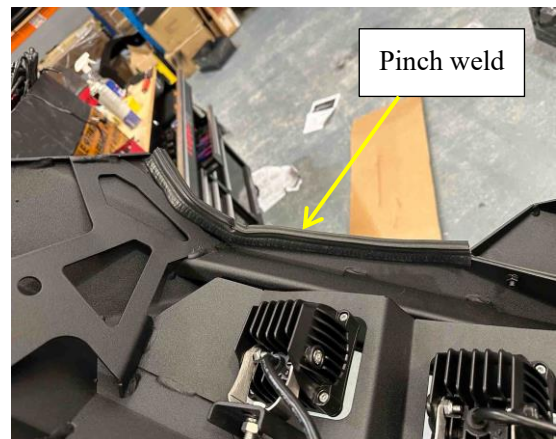


Supreme X-Series Front Bar – Isuzu D-MAX 2020-2023

28. Now use the 5x Bolt (G) to secure the rest of the Upper Grille to the Front Bar. There will be 2 bolts on each side and 1 bolt in the middle.

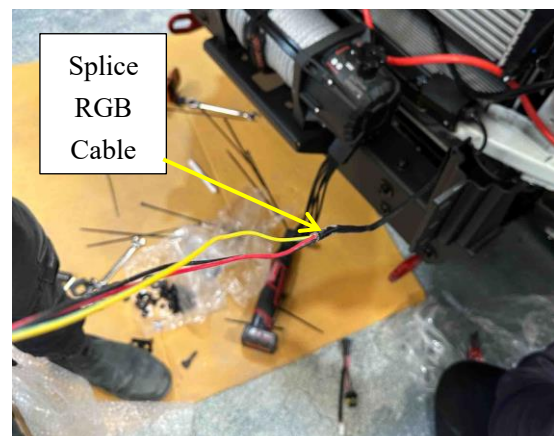


29. OPTIONAL: For a more professional finish, you can acquire Pinch Weld (Can be found at Bunnings Warehouse) using the size shown below and apply it to the Front Bar where the headlights will be.



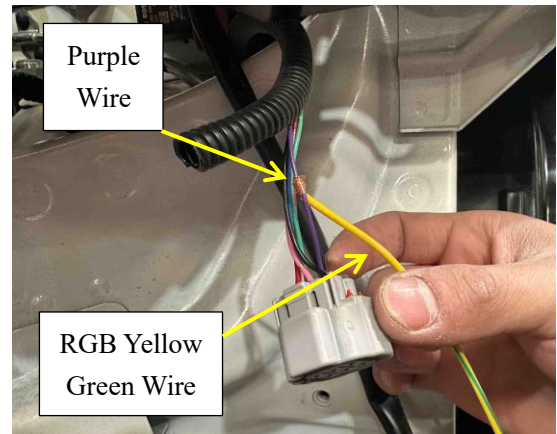
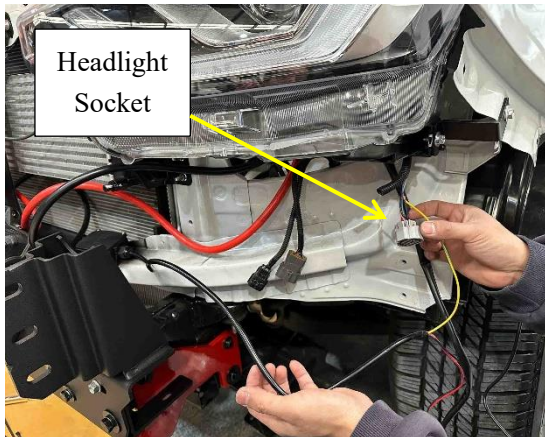
WIRING THE LIGHTS PART 1

30. Cable tie the RGB Harness onto the Passenger's side of the vehicle's front as shown, then splice the black cable to expose more of the Black, Yellow/Green and Red coloured wires.

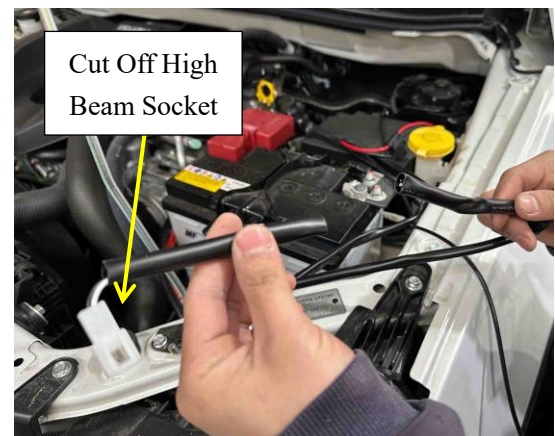
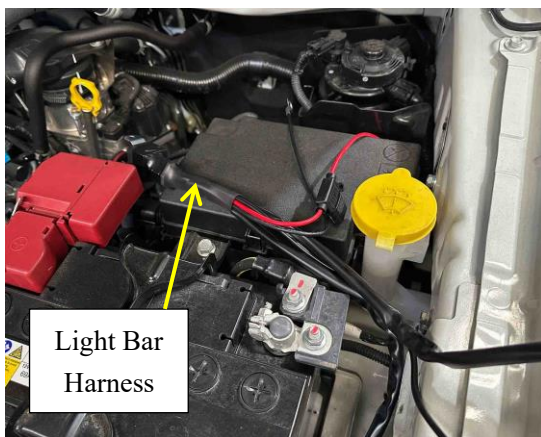


Supreme X-Series Front Bar – Isuzu D-MAX 2020-2023

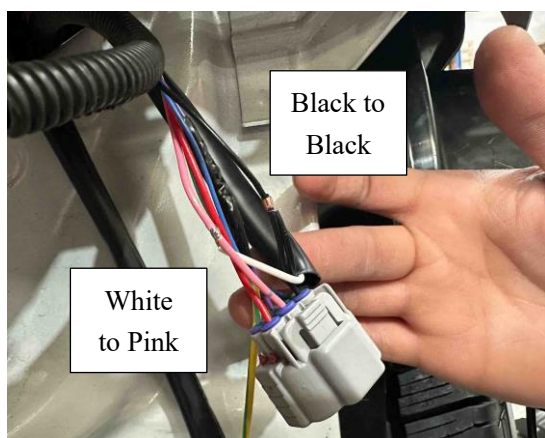
31. Unplug the Passenger Side Headlight Socket and locate the Purple Wire, then take the Yellow/Green Wire from the RGB Harness and connect them together as shown. Solder and apply electric tape.



32. Put the Light Bar Harness into the engine bay where the battery is and cut off the head of the high beam socket from the Light Bar Harness (White Coloured Socket) exposing the Black and White Wires.

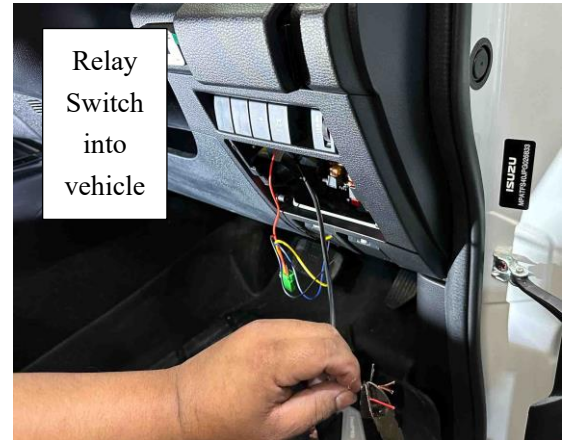
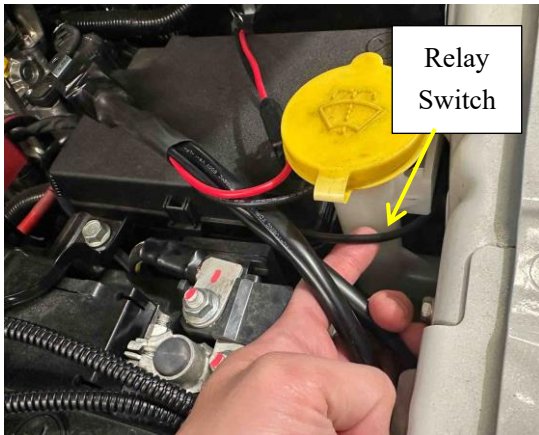


33. Connect the Black Wire from the Light Bar Harness to the Black Wire of the Head Light Socket from Step 31. Then connect the White Wire from the Light Bar Harness to the Pink Wire of the Head Light Socket.

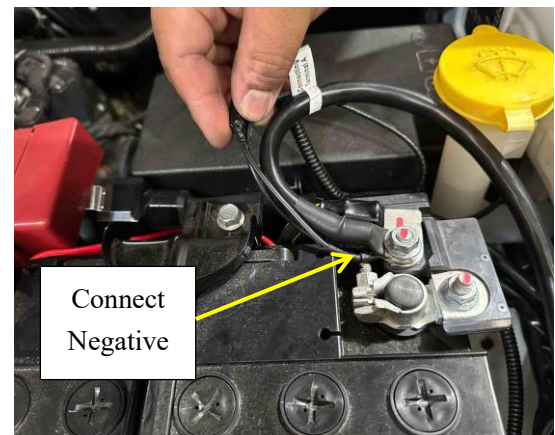


Supreme X-Series Front Bar – Isuzu D-MAX 2020-2023

34. Back to the Light Bar Harness in the engine bay, locate the relay switch (Cut the switch head off) and run it from the engine bay into the front of the vehicle. This is where the switch will be setup to operate the Light Bar.



35. Connect the positive (red) wires from the RGB and Light Bar Harnesses to the Positive Terminal of the vehicle's battery and connect the negative (black) wires from the RGB and Light Bar Harness to the Negative Terminal of the vehicle's battery.

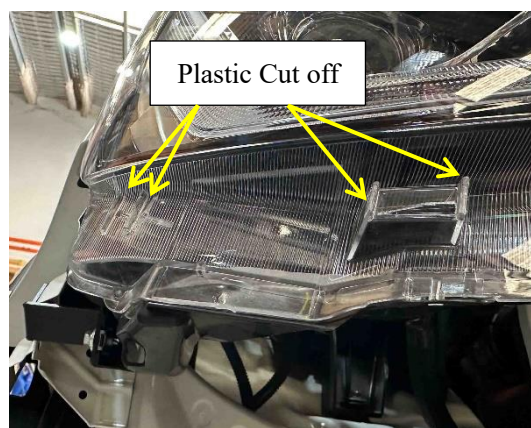
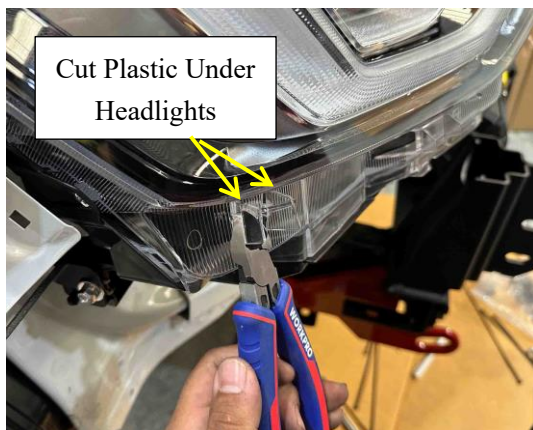


FITTING THE FRONT BAR

36. Measure the distance between the Front Bar Bracket Points and the distance between the Cradle Bracket Points. This will tell you if the Front Bar fits perfectly into the Cradle. If the distance is not matching, then you can hit the Cradle Bracket with a hammer to either make it wider or more narrow depending on what is needed.



37. Cut off the plastic parts under each headlight as shown (Should be 4 pieces to cut per headlight).
NOTE: When doing this, make sure to slowly cut indents into the plastic to perforate where you will be cutting, and do several progressively deeper cuts, this way you won't crack the plastic, which could happen if you try to just forcefully cut it in one go.

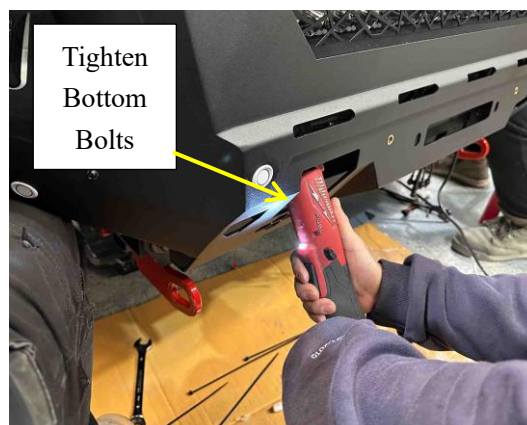
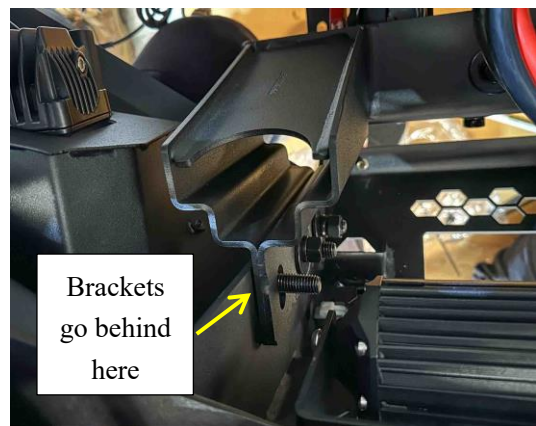


Supreme X-Series Front Bar – Isuzu D-MAX 2020-2023

38. Have 2 people hold the Front Bar as you align it for fitting. Make sure there is a gap between the Front Bar and the vehicle like shown, this is IMPORTANT to prevent flexing that could damage the vehicle or the headlights.



39. Once the Front Bar is aligned as symmetrical as you can get it, secure the Front Bar to the Cradle with these Bracket Setup as shown. You can reach the bottom bolts for tightening through the front hole in the bar as shown below.



Supreme X-Series Front Bar – Isuzu D-MAX 2020-2023

40. Take the Support Bars Left and Right and check their alignment with underneath the Front Bar on each side. There will be a chance that the holes don't line up with the vehicles. In that case you can mark where the holes should go and drill new holes. If you forcefully try use unmatching holes then the alignment of the bar will be off. Modify these Support Bars as much as necessary to make them fit.

NOTE: One of the attachment points is the Recovery bolt that wasn't tightened back in Step 14.



41. Cut the Front Guards as shown as neatly as you can.

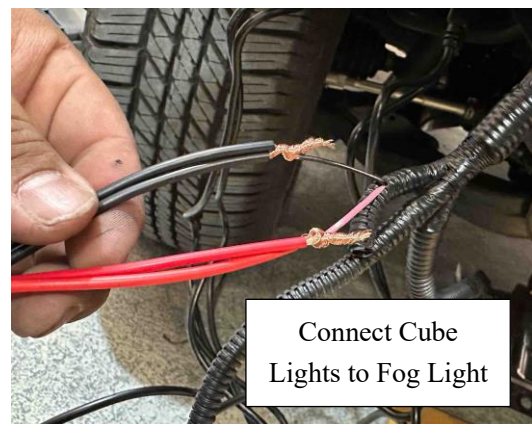
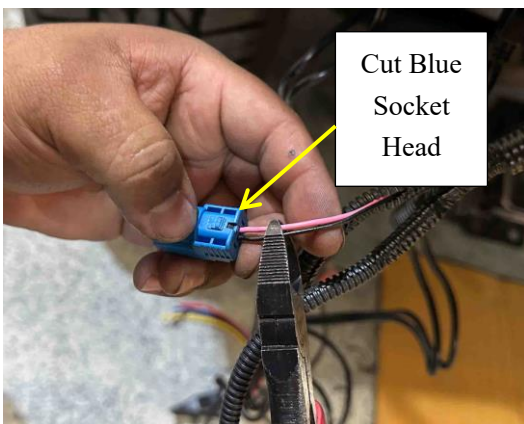


WIRING THE LIGHTS PART 2

42. Remove the Factory Harness from the Factory Front Bumper and relocate it to the Supreme Front Bar. Reconnect all the Sensors from the Factory Harness Plugs to the Sensors on the Front Bar.

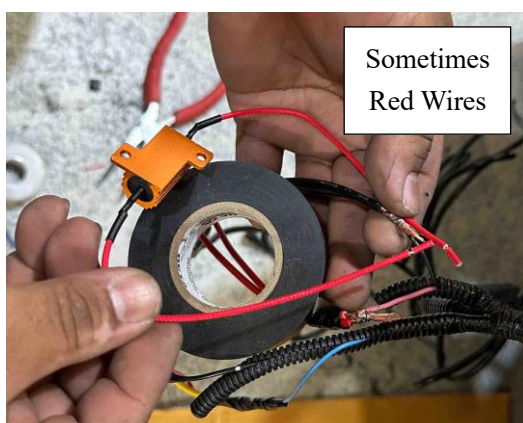
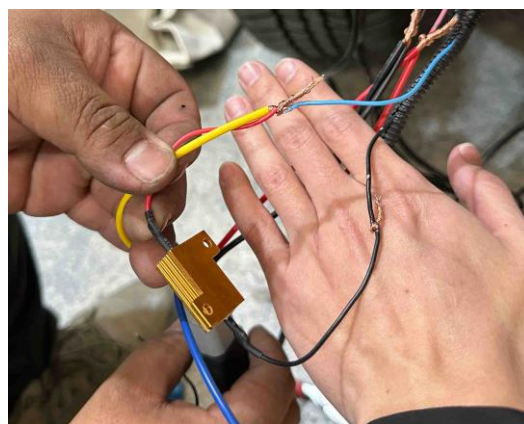
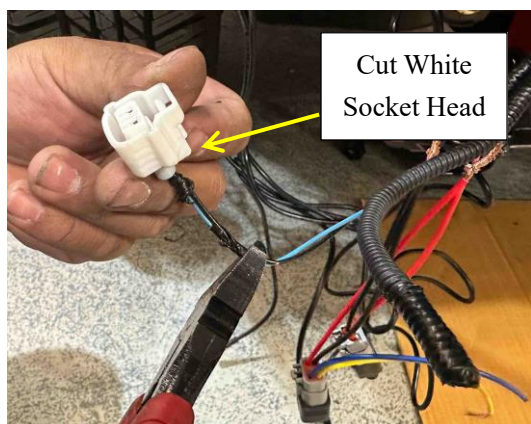


43. On the Factory Harness, locate the Blue Socket Head which is the Fog Light Socket. Cut the Blue Socket Head off to Expose the Black and Pink Wires. Connect that exposed Black Wire to the 2x Black Wires of the 2x Cube Lights on one side of the Bar. Then Connect the exposed Pink Wire to the 2x Red Wires of the same 2x Cube Lights. Do this for the Cube Lights on the other sides of the Bar.

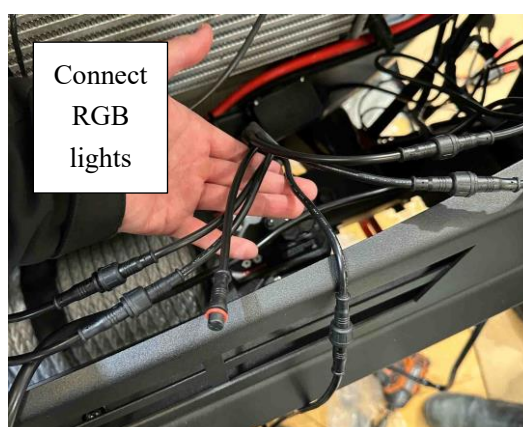


Supreme X-Series Front Bar – Isuzu D-MAX 2020-2023

44. Cut off the White Socket Head of the Factory Harness Indicator Light exposing the blue and black wires. Connect the blue wire from the factory harness indicator to yellow wire of the outer cube light + the red resistor wire as shown (Note: sometimes the resistor comes as 2 red wires, in which case it does not matter which one you use so long as it follows the picture setup). Then connect the black wire from the factory harness indicator light to the black (or red if both red) resistor wire. Do this for both cube lights.
- NOTE:** The Blue wire on the outer Cube Light is not needed.



45. Connect the Light Bar Harness to the Light Bar Plug. Then connect all the RGB plugs from the 4x Cube Lights and the Light Bar to the RGB Harness plugs as shown. There will be 1 spare plug leftover.



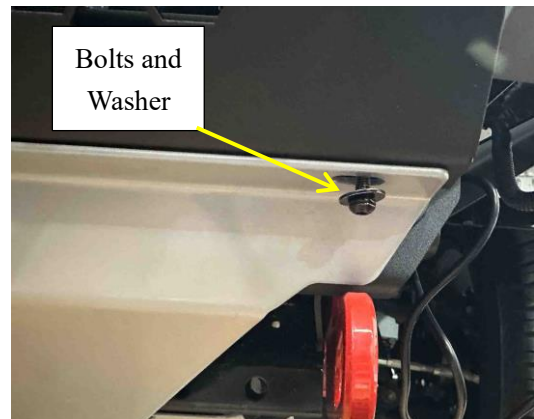
Supreme X-Series Front Bar – Isuzu D-MAX 2020-2023

46. Cable tie all the Cube Light Wires neatly in a bundle to the Support Bar. Also Neatly cable tie all the Light Bar wires and Factory Harness to the Front Cross Bar in front of the intercooler.



FINAL FITTING PARTS

47. Fit the 2 Bash Plates onto the underside of the vehicle. Use the Bolts (E) setup from Step 16. To secure the Rear Bash Plate and use the shorter bolts and washer for the Frontal Bash Plate.

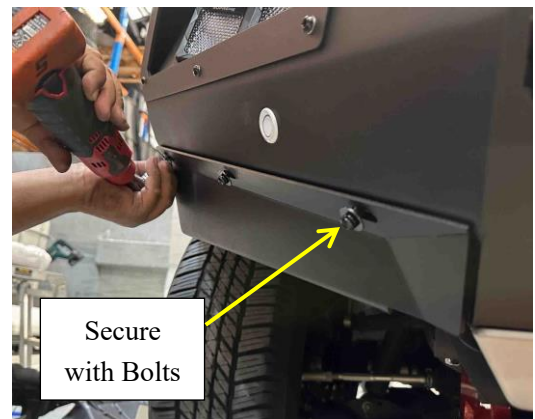


48. Heat up the Front Guard to soften the plastic, then bend the side of the front guard behind the front bar.

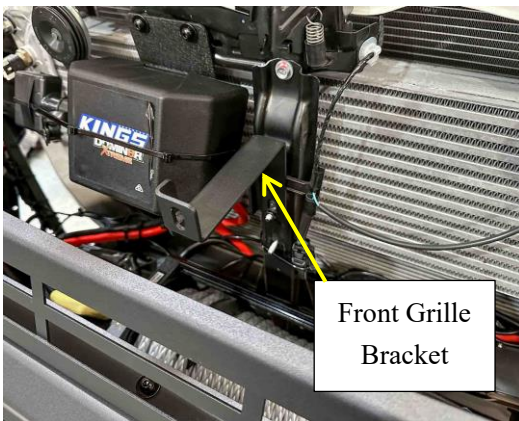


Supreme X-Series Front Bar – Isuzu D-MAX 2020-2023

49. Fit the 2 Side Skid Plates under each side of the Front Bar using the remaining bolts as shown.



50. Fit the Factory Grille Bracket as shown and cable tie the temperature sensor back onto it.



51. Refit the Factory Grille back onto the newly fitted Front Grille Bracket from the above step and use the bolt provided to secure it in the middle.

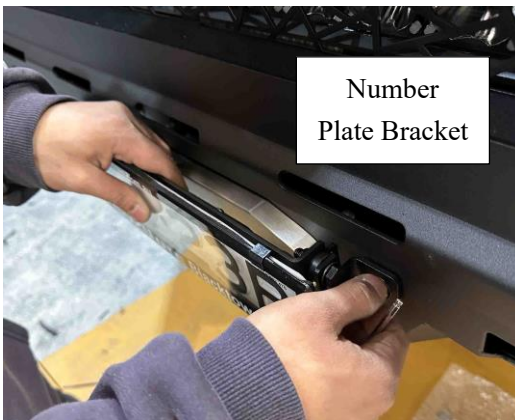


Supreme X-Series Front Bar – Isuzu D-MAX 2020-2023

52. Refit the Plastic Engine Cover over the front and refit the Factory Plastic Air Intake back on using the original factory clips.



53. Fit the Number Plate Bracket onto the Front Bar with the Number Plate secured to it.



54. Lastly put the negative battery terminal back into its place that was removed in Step (1).



55. Test all the lights: High Beam, Fog Lights, Indicators, Light Bar
56. Test all the sensors and camera.
57. If any of the Lights, Sensors or Camera are not working, go back through the fitting instructions and make sure you have followed them correctly and that your fitment matches.

INSTALLATION IS NOW COMPLETE

58. Stand back and admire your work of art.

NOTE

Any damage caused by improper installation or not following the fitting instructions will NOT be covered by our product warranty.