



SUPREME X-SERIES REAR BAR

Next GEN Ranger (2022+)

INSTALLATION MANUAL

SUPREME REAR BAR FOR FORD RANGER (2022+)

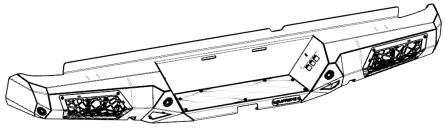
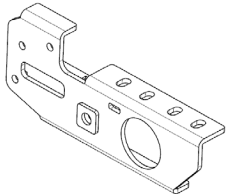
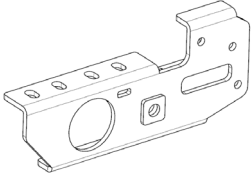
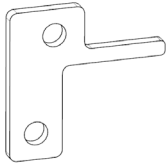
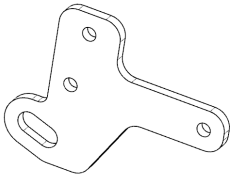
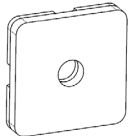
Before Installation

- Please read the instructions completely for easy installation, which will also help you to avoid scratches or other potential damage to your vehicle.
- The figures here are for reference only and may have small differences with the actual product you received.

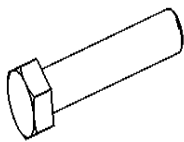


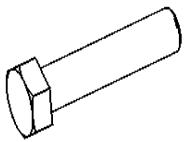
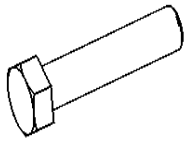

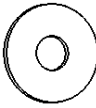
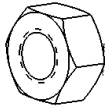
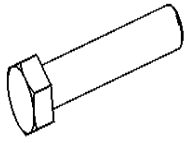



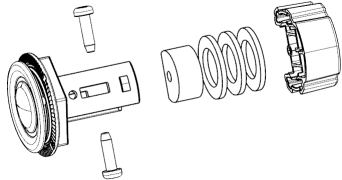

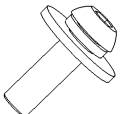

Care and Cleaning

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

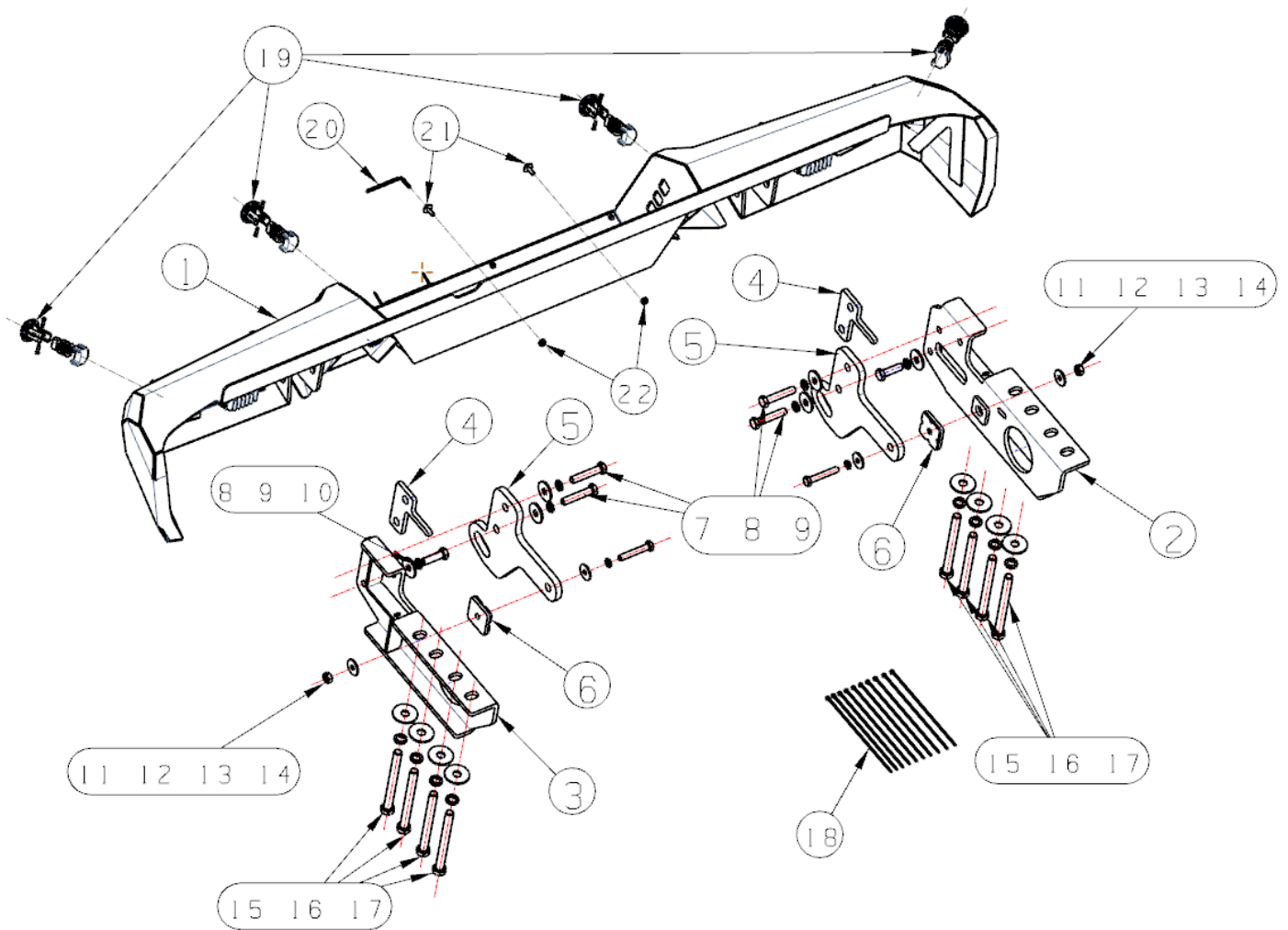
Parts list

NO.	QTY	NAME	NO.	QTY	NAME
①	1	 Main rear bar Assembly	②	1	 Support Bracket (L)
③	1	 Support Bracket (R)	④	2	 Base Plate 1
⑤	2	 Tow hood	⑥	2	 Base Plate 2

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⑦	4	 Hex bolt (Full Thread) M12_60	⑧	6	 Spring washer D12
⑨	6	 Large washer D12_32_3	⑩	2	 Hex bolt(Full Thread) M12_40
⑪	2	 Hex bolt(Full Thread) M10_60	⑫	2	 Spring washer D10
⑬	4	 Large washer D10_30_2.5	⑭	2	 Hex nut M10
⑮	8	 Hex bolt(Full Thread) M14_140	⑯	8	 Spring washer D14
⑰	8	 Large washer D14_44_3	⑱	10	 Cable tie
⑲	4	 Sensor holders	⑳	1	 Wrench S=4
㉑	2	 Bolt & washer assembly M6_20	㉒	2	 Hex nut with flange M6

Installation Figure



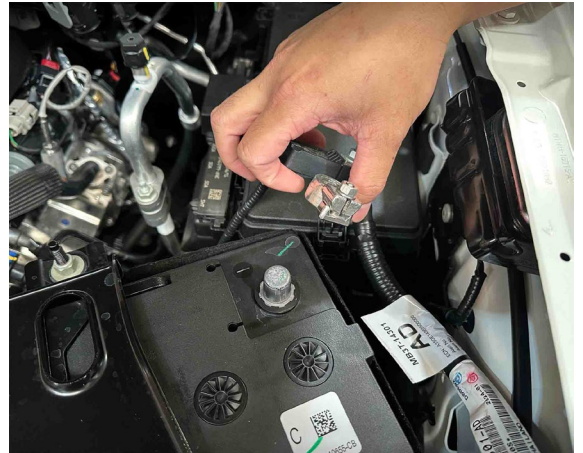
FIRSTLY: Verify that all parts are present before you begin.

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

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REMOVING THE REAR 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 computer system.



2. Remove the factory tow bar, then remove all the bolts and unplug the factory harness, then finally remove the factory rear bar.

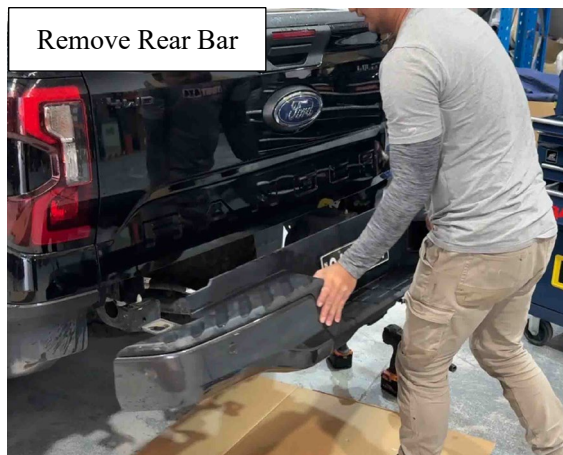
Remove Tow Bar



Unplug Harness



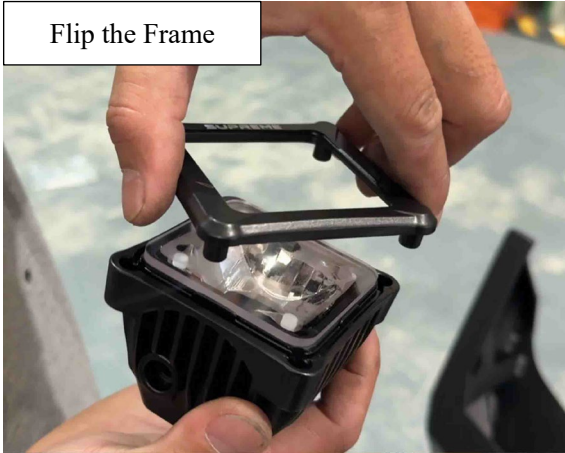
Remove Rear Bar



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3. Unscrew the Frame on the Cube Lights and flip it upside down so the supreme word is flipped. Then fit them onto the the Bar.

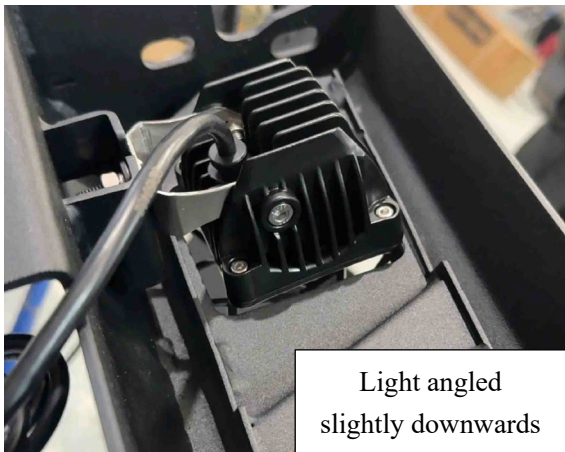
Flip the Frame



Fit Cube Light on Bar



4. Make sure the Cube Lights are aiming slightly downwards so not to blind drivers behind when reversing.



Light angled
slightly downwards

5. Located the Supreme Bar Number Plate Light Cables and cut off the Socket Heads.

Bar Number
Plate Light Cable



Cut off Socket Head



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6. Remove the Factory Rear Bar Harness and relocate it to the Supreme Rear Bar.

Remove Factory
Harness

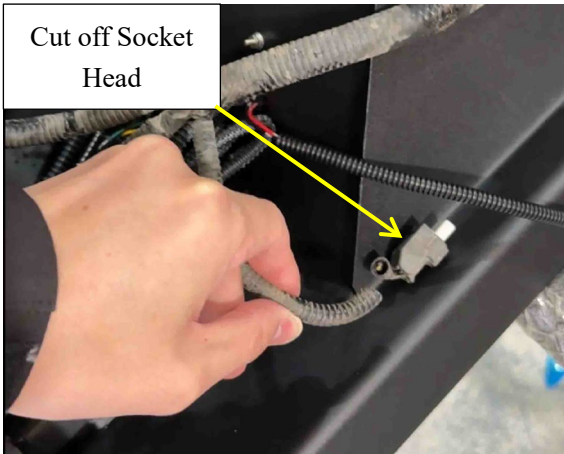


Relocate to
Supreme Bar



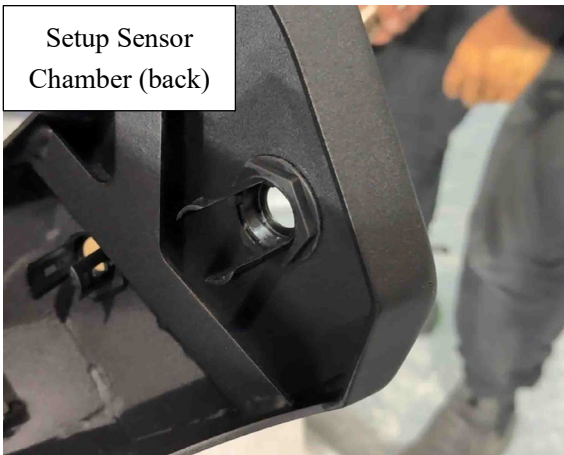
7. Cut off the Socket Heads of the Factory Harness Number Plate Light Cables.

Cut off Socket
Head

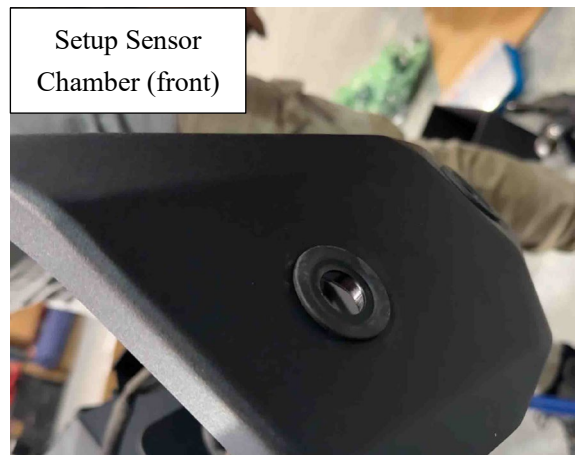


8. Setup the Sensor Chambers on the Supreme Bar.

Setup Sensor
Chamber (back)

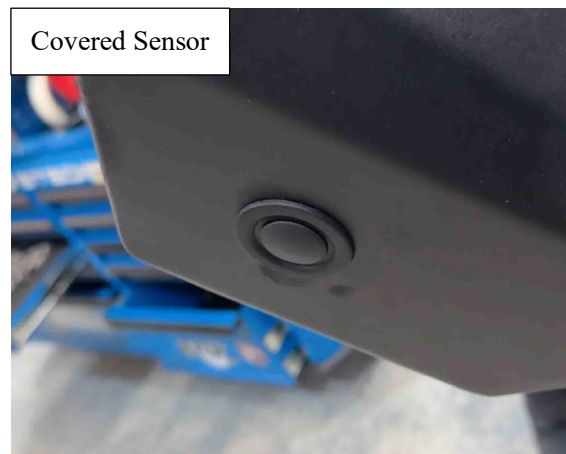


Setup Sensor
Chamber (front)



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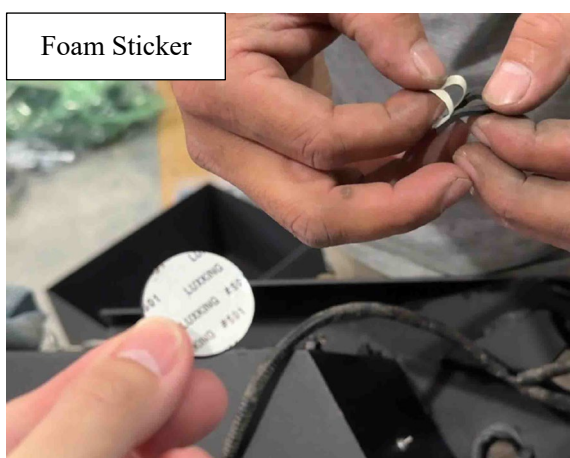
9. For the newer model Rangers, there will be only 4 sensors on the bar. So cover up the outer most sensor holes with the covers provided.



10. Remove the rubber cover from the Factory Sensors.



11. Take a Ring Foam Sticker and remove the middle keeping both the ring and middle foam stickers.



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12. Stick the Ring Sticker on the front of the sensors, while the middle circle sticker goes on the back of the sensors.

Ring on Front
of Sensor



Circle on Back
of Sensor



13. There's a Semi-Circle Foam Sticker that goes on the Sensor Chamber Lid.

Semi-Circle Foam
on Chamber Lid

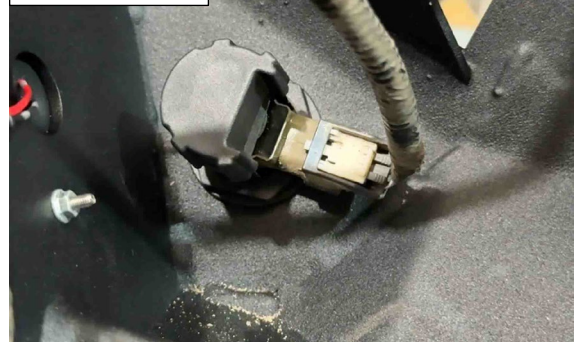


14. Fit the Sensors on the Sensor Chambers then put the Sensor Chamber lid on top, clicking securely in.

Sensors into the
Chambers

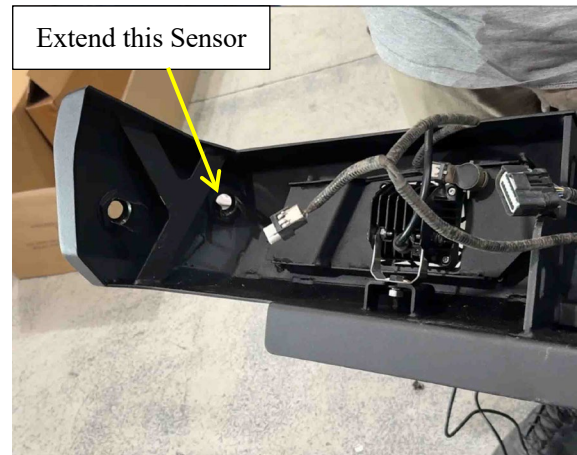
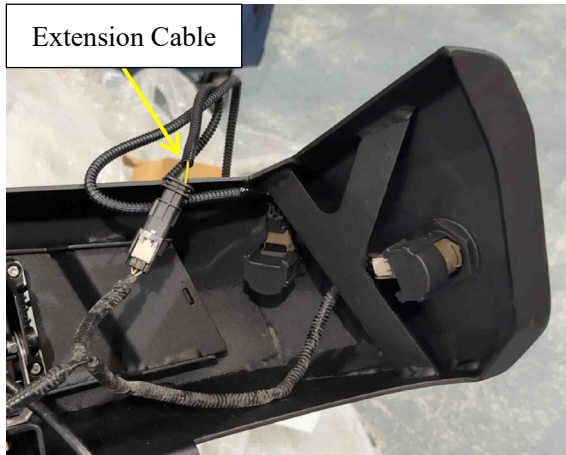


Chamber Lid
on top



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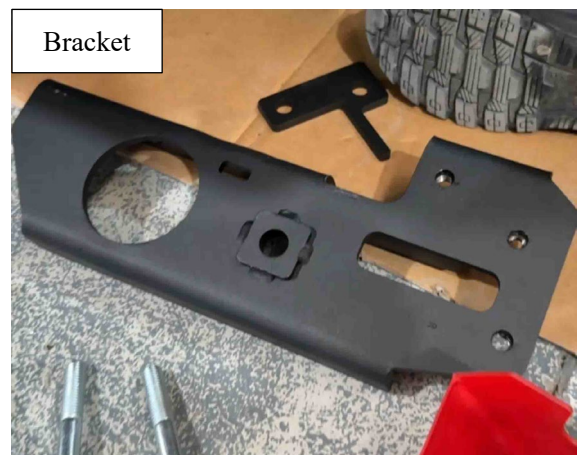
15. Use the 2 extension cables for the 2nd most outer sensors. It will be the same sensor positions that need extension cables for both 4 or 6 sensors (only difference is for 4 sensors the outer most sensors are dummies)



16. Use these 2 spacers if the vehicle has no Tow Bar. If the vehicle has a Tow Bar, then they are not needed

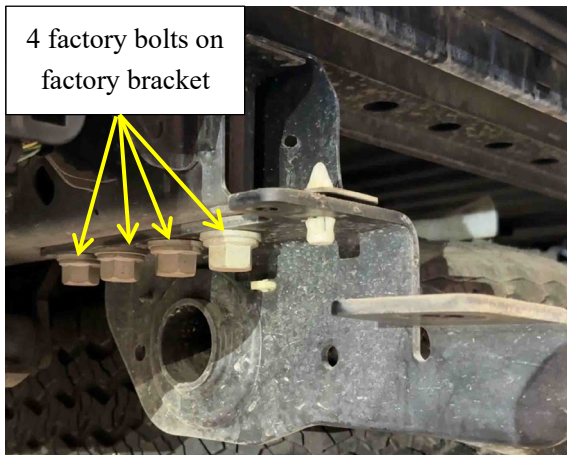


17. Need to set up some bolts and get the bracket ready for the next part. Use the following items for setting up each bracket.

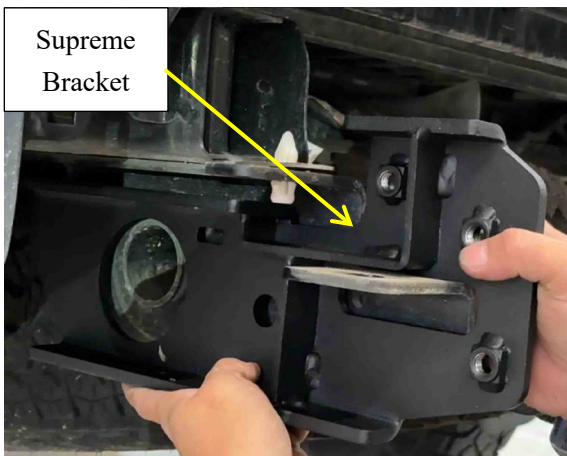


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18. Remove the 4 factory bolts from the factory rear bracket, IMPORTANT to do this for 1 side first, complete fitting the bracket for 1 side before moving on to other side or the whole thing will fall off.



19. Put the Supreme Bracket on and secure with the 4 bolts setup in Step (17).

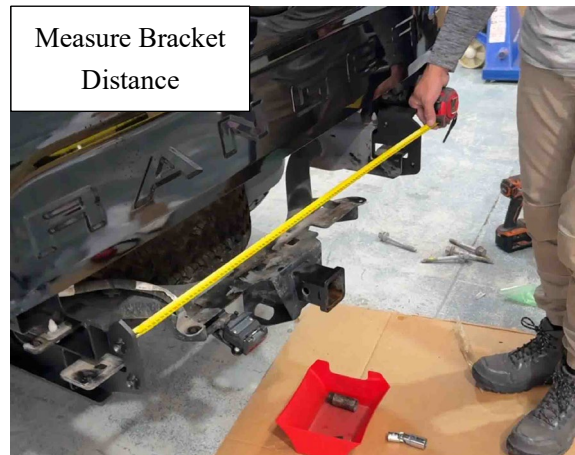


20. Once it is all secured, then repeat for the other side bracket.

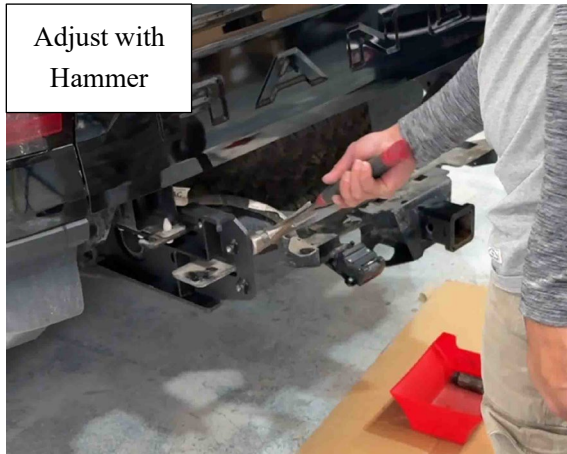


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21. Measure the Supreme Rear Bar Bracket length & Measure the Bracket distance to make sure it will fit.



22. If the distance is off, then adjust accordingly by hitting the Bracket on the Vehicle with a hammer.



23. Have 2 people holding the Rear Bar to adjust it and put it in the correct position.

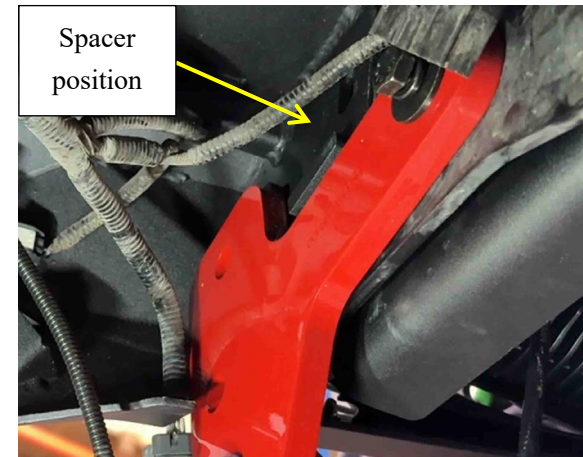
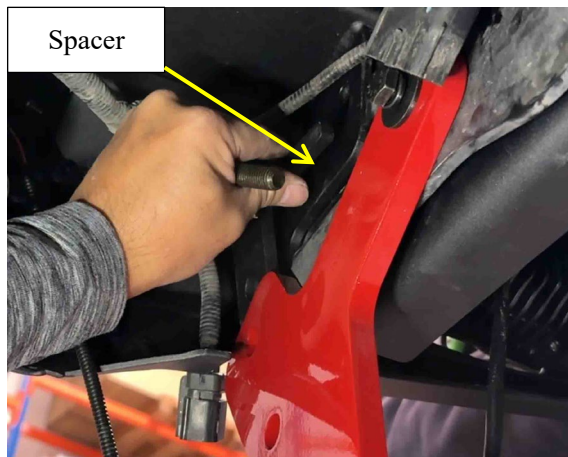


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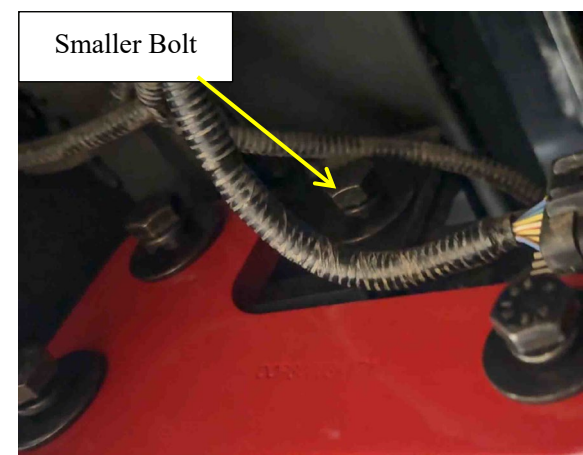
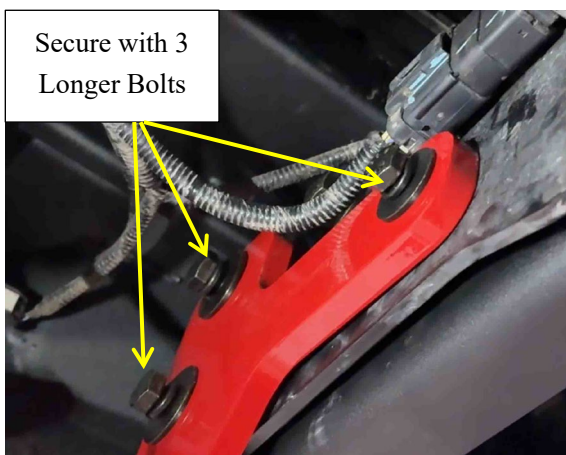
24. Fit the Red Recoveries on using the bolts from Step (17) Put 1 of the bolts in first then adjust position.



25. Put the spacer shown in Step (17) between the Recovery and the Bracket.



26. Secure the Recovery on with the 3 longer bolt setups from Step (17). Smaller bolt goes on Bracket



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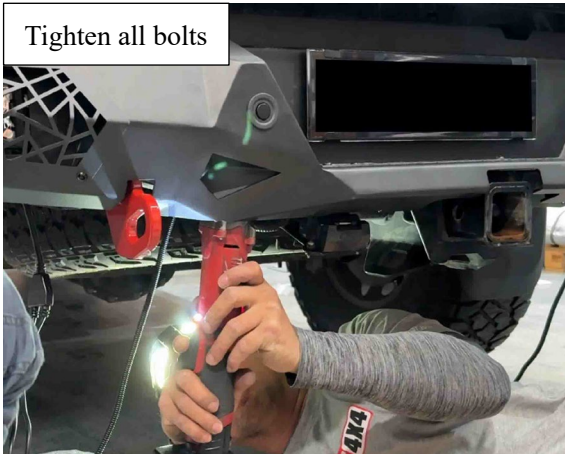
27. Carefully open the tailgate to make sure it does NOT hit the Rear Bar, adjust the rear bar if needed.

Make Sure
Tailgate doesn't
hit rear bar



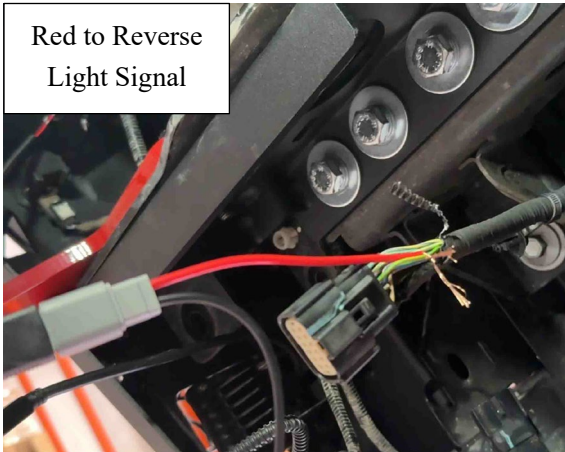
28. Once the Rear Bar is aligned and the tailgate does NOT hit the Bar, then tighten all the bolts

Tighten all bolts

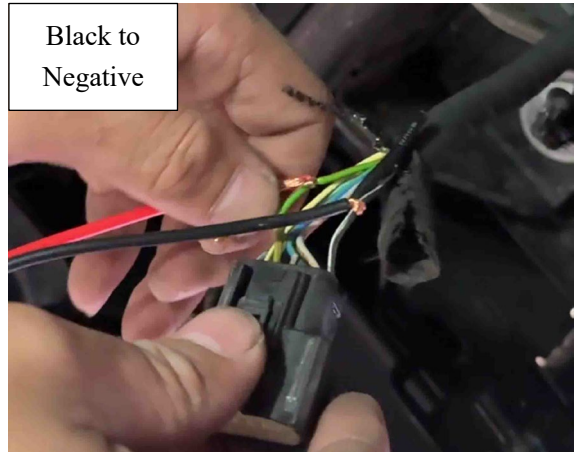


29. Located the Reverse Light Signal Wire from the Factory Tail Light Harness (Will be the Green + Brown coloured wire) and connect the Red Wire from the Cube Light to it. Then locate the Negative Wire from the Harness (Black + White coloured wire) and connect the Black Wire from the Cube Light to it.

Red to Reverse
Light Signal

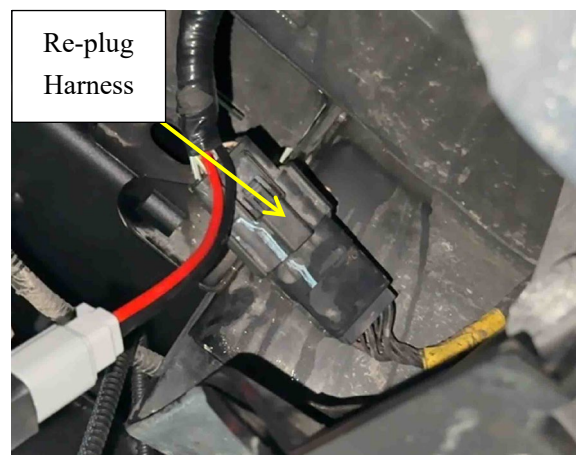
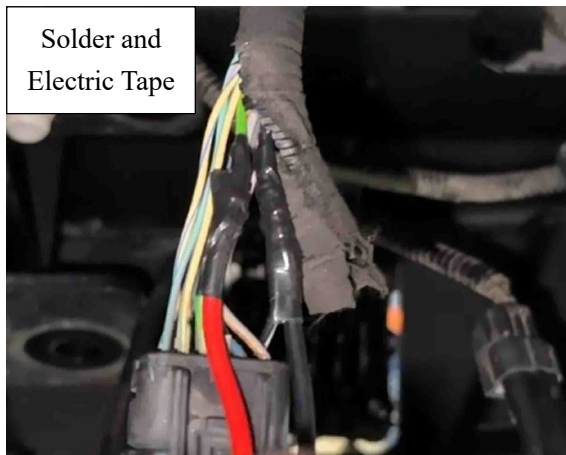


Black to
Negative

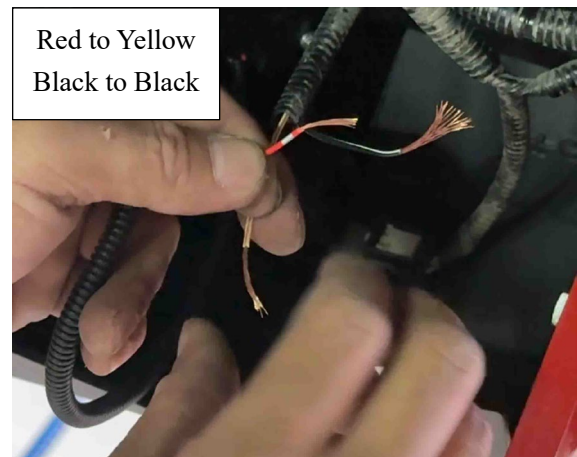
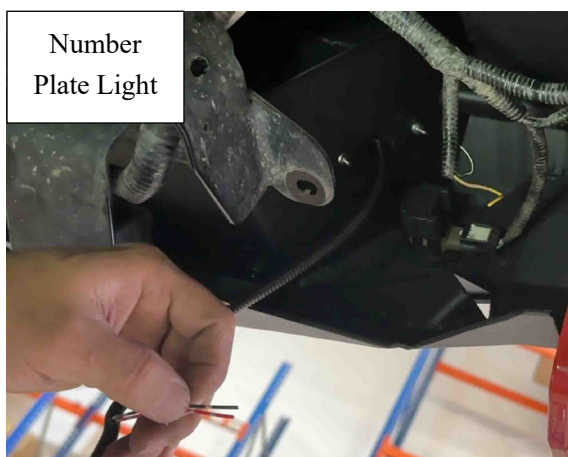


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30. Solder and Electric Tape wrap the wires then re-plug the harness back in.



31. Connect the Number Plate Light, which is the Red to the Yellow wire, Black to the Black wire. Then Solder and wrap in Electrical Tape.



32. Neatly cable tie everything together and tuck it away under the rear bar. The Cube Light RGB plug is not used, so it can be just tied away.

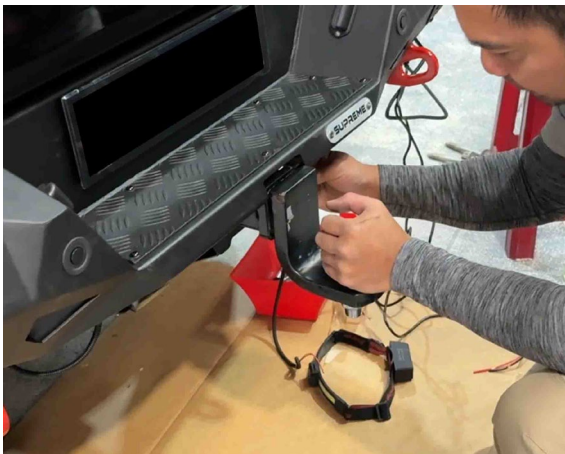


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33. Make sure everything is neatly tied and tucked in under the bar, there shouldn't be any tension on the sensor wires or any cables.



34. Put the Tow Bar back on.



35. Reconnect the Negative Terminal of the Battery back in that was removed in Step (1).



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Test that all lights on the vehicle are working, the reverse lights and number plate lights

Test that all sensors are functioning properly.

If any of these are not functioning properly, refer back to the steps in the instructions associated with these areas and double check all steps are performed correctly.

And that concludes the whole installation of the Supreme X-Series Rear Bar for the Next GEN Ranger (2022+)

Take a step back, give yourself a pat on the back and admire your work of art.

NOTE

Any damage caused by improper installation and/or application of this product will void our product quality warranty.