

SUPREME X-SERIES FRONT BAR

Ford Next GEN Ranger & Everest (2022+)
INSTALLATION MANUAL

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	Winch Cradle
3	1	Side Wing Plate (L)	4	1	Side Wing Plate (R)
\$	1	Frontal Bash Plate	6	1	2nd Bash Plate

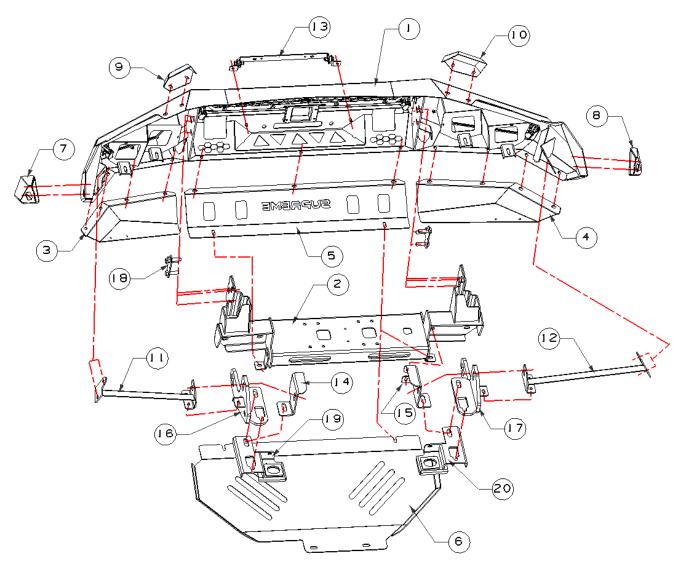
		Supreme X-Series Front Bar – N	lext GEN	l Rang	er & Everest 2022+
7	1	Flare Extension (L)	8	1	Flare Extension (R)
9	1	Infill Piece (L)	0	1	Infill Piece (R)
0	1	Support Bracket (L)	0	1	Support Bracket (R)
(3)	1	Number Plate Hinge Bracket	13	1	Lower Bash Plate Bracket A (L)
()	1	Lower Bash Plate Bracket A (R)	19	1	Recovery Point (L)
	1	Recovery Point (R)	©	2	Cradle Bracket

		Supreme X-Series Front Bar – N	lext GEN	N Rang	er & Everest 2022+
(9	1	Lower Bash Plate Bracket B (L)	20	1	Lower Bash Plate Bracket B (R)
2)	2		2	2	
		Accessories Bracket	0		LED Light Bar Bracket
Ø	2	Winch Cradle – Bash Plate Bracket	29	4	
		Time Faute Busin tate Brasilet			Intercooler Spacer
25	1		29	4	
		Tech Pack Cover			Square Adhesive Tape
Ø	1	Double Sided Adhesive	2 3	1	Pinch Weld
Senso	r Pack			I	
29	6	Sensor Cap	30	6	Sensor Bezel
3	6	M21v1 FUEV Last Birds	32	6	
		M31x1.5 HEX Lock Ring			Single Sided Foam – Semi Circle
33	6	Single Sided Foam - Ring	33	6	Bezel Cap

		Supreme X-Series Front Bar – N	lext GEN	N Rang	er & Everest 2022+			
89	12	Phillips Head Bolt - ST4_15						
Star	Standard Parts List:							
36	12	Spring Washer D12	3)	6	Large Washer D12			
€	8	Washer D12_32_3	89	8	Hex Nut M12			
40	4	Hex Head Bolt (Fully Fine Threaded) M12x1.25_40	1	2	Hex Head Bolt (Half Thread) M12_120			
42	4	Standard Spring Washer D10	43	8	Washer D10_27_3			
•	4	Hex Nut M10	43	4	Hex Head Bolt (Full Thread) M10_35			
46	12	Hex Head Bolt, Spring Washer & Large Washer Assembly M8_25	€	12	Hexagon Flange Nut M8			
48	31	Socket Head Cap Screw, Spring Washer, Large Washer Assembly	49 5 of 33	14	Hexagon Flange Nut M6			

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		Supreme X-Series Front Bar – N	lext GEN	l Rang	er & Everest 2022+
60	3	Hexagon Scoket Head Screw M5_30	1	1	Hexagon Flange Nut M5
②	3	Large Washer D5	63	1	Allen Wrench S=3
®	1	Allen Wrench S=4			
Numb	er Plate	e Attachment Parts			
69	8	Flat Washer D4(4x8.65x0.8mm)	69	4	Hex Nut M4
6)	4	Cross Recessed Pan Head Screw M4_16			



FIRSTLY: Verify that all parts are present.

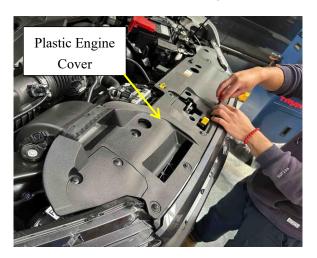
NOTE: Any factory clips or screws you remove need to be kept as it maybe used in later steps.

REMOVING THE FRONT FACTORY BUMPER

 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.



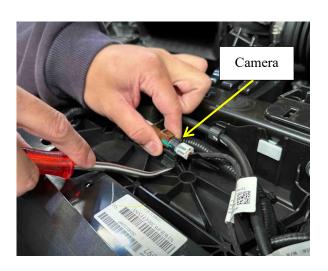
2. Remove the front plastic engine cover.

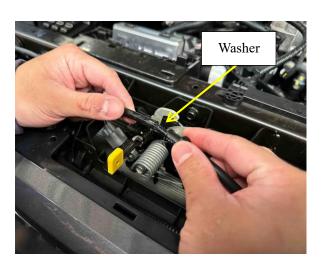


3. Remove the number plate holder.



4. If there is a camera and headlight washer, pry out and disconnect camera and headlight washer.



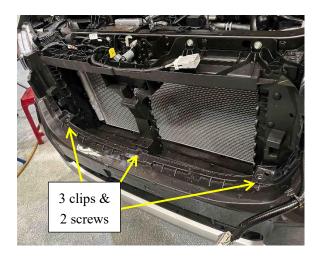


- 5. Remove the grille by removing the 2 top screws. Give it a very firm pull at connected points to get it off. It will require a bit of force.
- 6. Unplug the factory sensor and fog light harness as shown.





7. Next step is to remove the front bumper. To do so there are many screws and clips that need removing. Firstly remove the 3 clips and 2 screws on the top. There is also 1 screw underneath each side of the vehicle that needs unscrewing like shown.





8. There are also 7 clips and 3 screws under each wheel arch. Remove this plastic cover piece (shown in image below) under each of the wheel arches to reach the 3 screws per side that needs unscrewing.

IMPORTANT: Keep this plastic cover piece for refitting later.



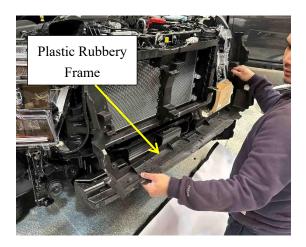


9. Gently lift the wheel arches on each side of the vehicle (CAREFUL not to break any clips) to reveal 2 more clips per side to be removed. Now the Front Bumper can be removed with a firm pull.





10. Remove the Plastic/Rubbery frame by removing any screws and clips, then remove the Foam Cover by removing the 2 clips holding it in place.



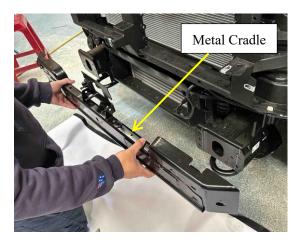


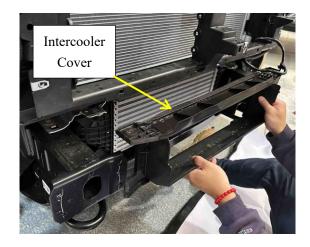
11. Remove the Tech Pack cover by removing the 2 clips carefully from each side, then unplug the Tech Pack and keep it aside somewhere safe.





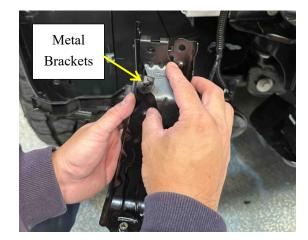
12. Remove the metal cradle by removing the 6 screws then remove the intercooler cover by removing the 4 screws.





13. Detach the Horn on the driver side of the vehicle as shown, then remove the Metal Brackets behind it by removing the screws and clips holding it in place.





14. Now Re-attach the horn back in its position as shown.



- 15. Now remove the Metal Brackets from the passenger side of the vehicle by repeating step 13 but ignoring the Horn part as there is no Horn on that side.
- 16. Remove the Factory Bash Plate by removing the 4 screws holding it in place.

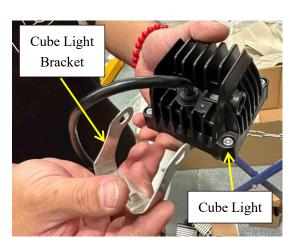


17. If the vehicle is going with stock flares, then you need to cut the overhanging flare piece like shown, aligned with where the body of the vehicle runs.



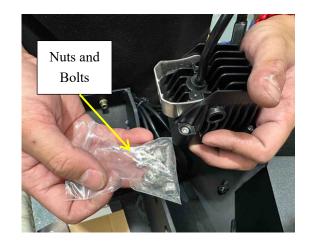
ASSEMBLY OF THE LIGHTS ON THE FRONT BAR

18. There are 4 Cube Lights in total and firstly you will need to secure the Cube Light Brackets onto the Cube Lights using the Nuts and Bolts provided.



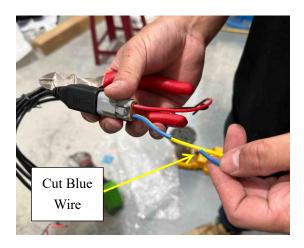
bolts.

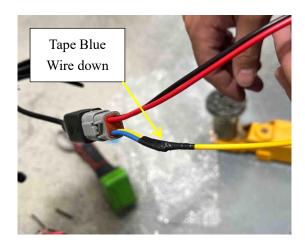
19. IMPORTANT: There are 2 different Cube Lights: the ones with 4 coloured wires attached (red, blue, yellow, and black) go on the outer side of the Front Bar (as shown in the image), while the ones with only black and red go on the inner part of the Front Bar. Once identified, place them in their correct positions and fit the Cube Lights onto the Front Bar like shown with the longer nuts and





20. Now go to the outer cube lights and cut the blue wires (These are not needed) and then tape it neatly next to the yellow wire (**NOTE:** do NOT connect wires, just taped together so the blue wire is out of the way).

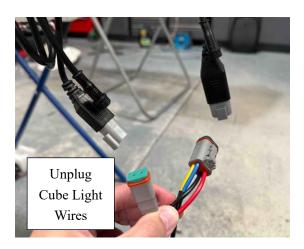




21. Now take the black wire from the Outer Cube Light and the black wire from the Inner Cube Light and join them together. Do the same for the red wires from the Outer and Inner Cube Lights joining them like so.

Do this for both the right and left Cube Lights on the Front Bar.

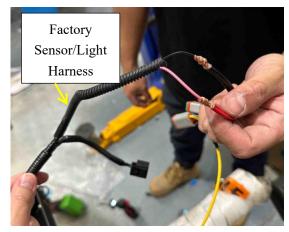
(Unplugging the wires from the Cube Lights will make this step and future steps easier)



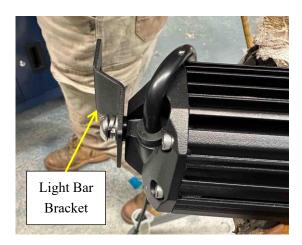
22. Now remove the Factory Sensor/Light Harness from the Factory Front Bumper and cut off the Fog Light Plug exposing the 2 wires. Connect the black wire from the cut off plug to the black conjoined wires of the Cube Lights (created in step 21). Do the same with the *other coloured wire* and wire it with the red conjoined wires of the Cube Lights. Do this for both sides

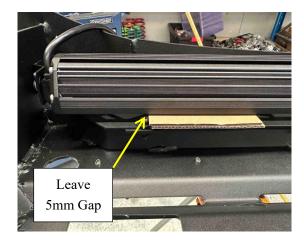
***NOTE:** The factory fog light harness wires may have different colours depending on model, connect the wire which isn't black with the red conjoined cube light wires



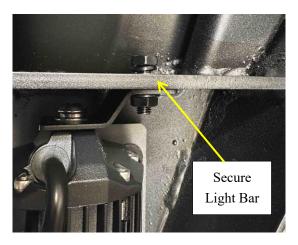


23. Now that the Cube Lights are all prepared, moving onto the Light Bar. Secure the Light Bar Brackets on each side of the Light Bar with the nuts provided, then position the Light Bar onto the Front Bar leaving approximately 5mm gap between as shown (use something like cardboard to create the gap).

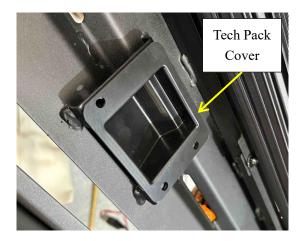


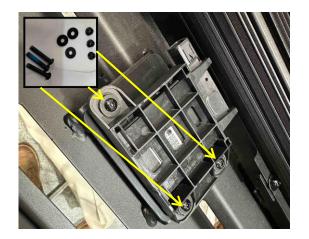


24. Then secure the Light Bar to the Front Bar using the nuts, bolts, and washers like so.



25. Firstly, place the Tech Pack Cover onto the bar where the Tech Pack will go like so. Then place the Factory Tech Pack on top and use the 3 bolts to secure it on gently so that it doesn't move (**IMPORTANT** not too tight, just enough so it's secured in position without movement)





FITTING THE SENSORS ON THE FRONT BAR

26. Remove the factory sensors from the bumper like so and remove the front plastic cover.

IMPORTANT to note the positions of the factory sensors so that they match the positions you relocate them to on the supreme front bar.

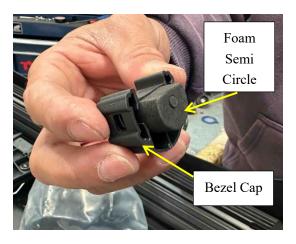




27. Stick the Foam Ring on the front of the sensor, stick the Foam Circle (that was removed from the Foam Ring) on the rear of the sensor, and stick the Foam Semi-Circle onto the Bezel Cap.







28. Prepare the Sensor Pack by putting the Front Sensor Cover on the front of the Bar and the Sensor Bezel on the back. Do this for all sensor holes on the bar. EXCEPT if running flare extensions, then fit onto the flare extension pieces instead.





NOTE: Before fitting the 2 inner front factory sensors into the Bezel in the next step, the front bar must be fitted onto the vehicle first, because the sensor will get in the way of tightening the bracket for the Front Bar. So ONLY fit the 2 inner front sensors into the bezel AFTER the front bar is secured on. You can fit the other sensors first.

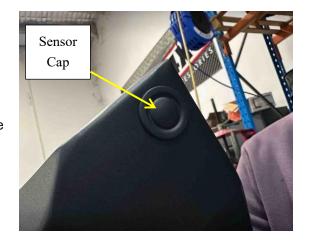
29. Fit the Factory Sensor into the prepared Sensor Bezel (in the orientation shown) then push and clip in the Bezel Cap on top (make sure it is secured and clipped in). This is how to fit all sensors.





30. For vehicles NOT using the flare extensions and don't have a 5th and 6th sensor on the very sides of the vehicle then you can follow step (28) To install the Front Sensor Cover and the Sensor Bezel onto the very side sensor holes on the front bar and then instead of fitting the factory sensor into this Bezel, simply cover it up with the Sensor Cap.

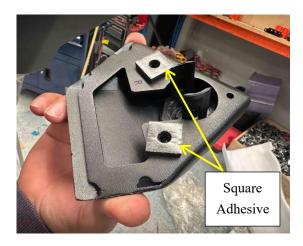
NOTE: For vehicles running Flare Extensions without a 5th and 6th sensor, then follow Step (30) but do so on the flare extensions instead.

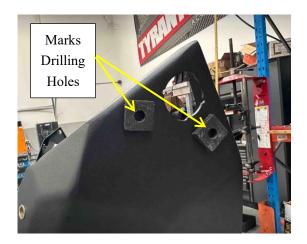


FITTING THE FLARE EXTENSIONS

For vehicles that are running larger aftermarket flares, then you will need to install the flare extensions.

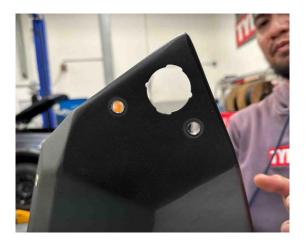
31. Attach the 2 Square Adhesive Tape pieces to the underside of the flare extensions. This will be used to mark the drilling holes on the Front Bar. Align the Flare Extensions in the correct position on the Front Bar and press down. This will leave the marking squares in the correct positions on the Front Bar for drilling.





32. Drill the 2 holes (about a size 7 hole) into the front bar for the flare extensions. After drilling the holes you can remove the 2 Square Adhesive Tape. Apply anti-rust solution such as Rust Guard Fish Oil spray.







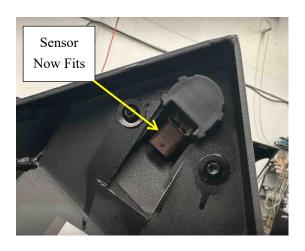
33. Prepare the Flare Extension by using the long strip of Double-Sided Adhesive and running it across the underside edge. Stick the Flare Extension into position then using the bolt and the washer shown, secure the flare extensions from the underside.



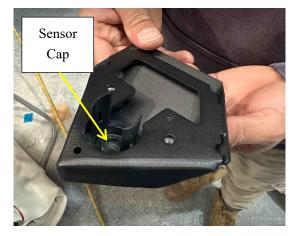


34. For Flare Extensions with the 5th and 6th sensor that will go on the flare extensions, the sides of the front bar will require cutting to allow for the shape of the sensor + plug to fit. Cut the Front Bar as shown on both sides. This will allow the sensors to fit like this.



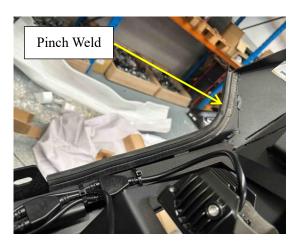


35. For vehicles running larger flares and require the supreme Flare Extensions BUT do NOT have the 5th and 6th outer sensors, then instead of fitting a factory sensor on, just follow Step (30) to cover the sensor with the Sensor Cap and NO cutting is required of the Front Bar. Then Follow Steps (31) to (33) to fit the Flare Extensions on.



36. Next you will need to purchase some pinch weld with a top seal preferably like the one shown here. (This is not provided in the supreme package. The pinch weld provided is the WRONG ONE and should not be used for this fitment). Run the pinch weld along the bottom side of the bar beneath the cube lights like so



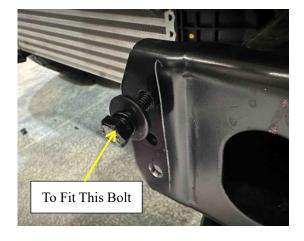


The Front Bar is prepared and ready for fitting.

FITTING THE RECOVERIES AND WINCH CRADLE

37. Drill to enlarge the upper and lower holes on the factory cradle's inner side. The holes need to be big enough to fit this bolt. Apply a rust prevention spray to the drilled hole to prevent rusting.





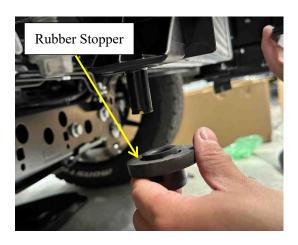
38. Remove one of the factory recovery points.

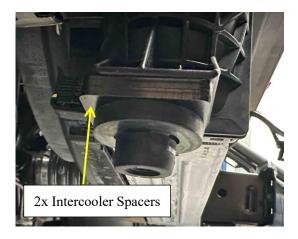
IMPORTANT: Only remove 1 factory recovery then install the supreme recovery point before removing the other factory recovery point.

Because if you remove both factory recovery points at once, the Intercooler will drop down and hit you in the head!!



39. Pull off the rubber stopper as shown below, then put the 2 Square Intercooler Spacers (stacked together) in its place before putting the rubber stopper back on.



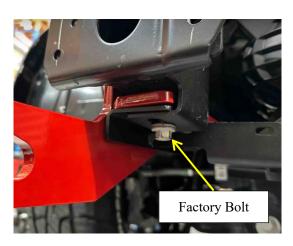


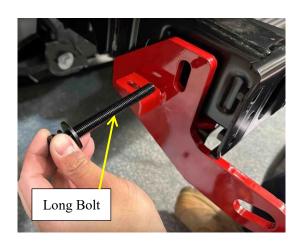
40. Assembly the 3-piece Recovery Point onto the factory cradle like shown (1 red piece & 2 black pieces). The Red Recovery Point is on the outside of the Factory Cradle.





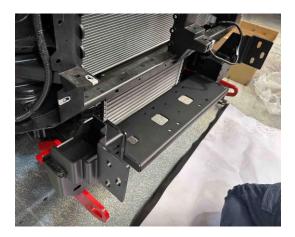
41. Loosely secure the assembled Recovery Point with the factory bolt underneath as shown. Use this long bolt provided to secure the side of the Recovery Point, but do not tighten completely as you will need to remove this long bolt in a later step.

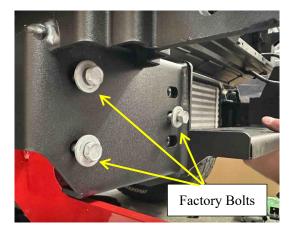




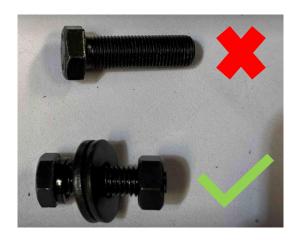
Repeat the Recovery Point Fitting for other side.

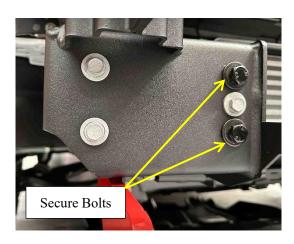
42. Place the Winch Cradle onto the Recovery Points and try to make it as even and in the middle as you can as this will affect the positioning of the front bar. Then secure these points with the factory bolts as shown on both sides.





43. Use the bolt setup shown here (not to be confused with the other bolt which is similar with finer threading) with a washer on either side and a nut at the end to secure the other 2 points per side of the winch cradle.





44. Measure the distance between the Cradle Bracket Points like shown and compare that to the Bracket length of the Front Bar. The Cradle Bracket distance should be bigger, but no more than 2mm compared to the Bracket length of the Front Bar. If it is bigger than 2mm then you can hit the Winch Cradle Bracket points with a hammer to reduce the distance to the correct length.





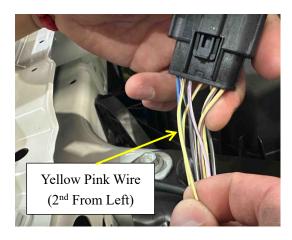
WIRING THE RGB LIGHT HARNESS

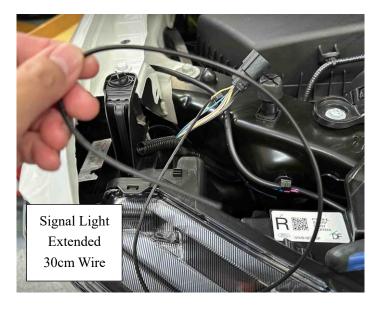
45. Secure the RGB Light Harness onto the factory frame as shown with cable ties.



46. Find the driver side head light socket and identify the signal light which is the yellow and pink wire, next to the blue wire as shown. You will need to extend the signal light with another wire about 30cm or longer as shown (This wire is not provided, so you need to source it yourself). Solder together and wrap in electrical tape.

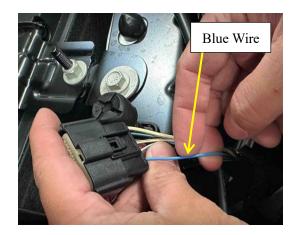


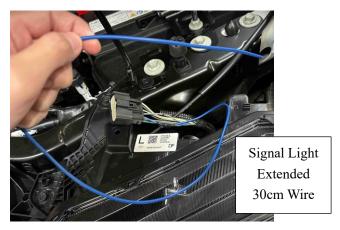




47. Now we do the same for the passenger side, locating the head light socket and this time identifying the blue wire which is the signal light for this side. Extend this signal light with another wire 30cm or longer (not provided). Solder and electrical tape it.

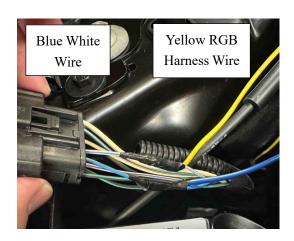






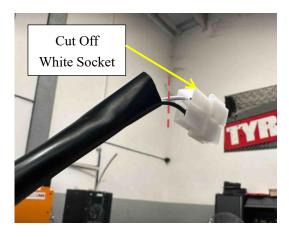
48. Run this black covered wire from the RGB Harness up to the engine bay on the passenger side as shown (It will be a yellow wire). Identify the Parker Light which is the white and blue wire (next to the blue wire we used earlier) and connect it to the yellow wire from the RGB Harness we ran up to the engine back in the step above. Solder and wrap in electrical tape.





WIRING THE HIGH BEAM HARNESS

Depending on which model vehicle you have there will be different points to use for connecting the high beam. On the Supreme Light Harness, (Located the wire as shown below and cut off the White Socket Head to utilize the black and white wires) the WHITE WIRE is for tapping into the HIGH BEAM SIGNAL while the BLACK WIRE is for the NEGATIVE.

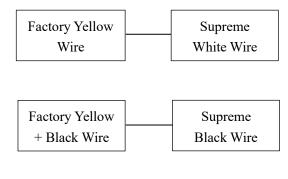


Here are the 4 Different Ways to do this:

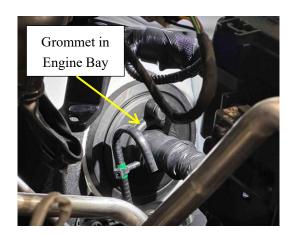
49. Premium Pack – If the vehicle has the premium pack with the auxiliary switches above the driver's head, then the high beam is wired to the Factory Auxiliary Switch Harness which is located at the front of the engine bay near the grille.

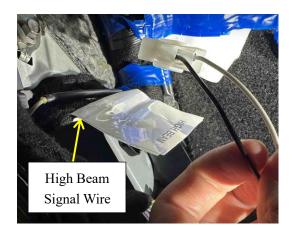
Locate the Yellow Wire and the Yellow + Black Wire from the Factory Auxiliary Switch Harness. Then wire the White Wire to the Yellow, and the Black Wire to the Yellow + Black Wire. Solder and wrap in electrical tape.



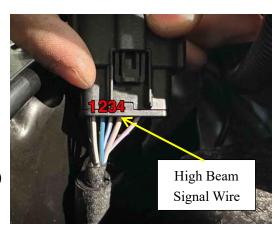


50. If there is no Premium Pack – then locate the High Beam Trigger Wire (Labelled HIGH BEAM) under the passenger side footwell behind the kick panel and connect the White Wire to it. Run the Supreme High Beam Wires through the Grommet in the Engine Bay to get to the passenger side footwell.





51. If there is no Premium Pack nor High Beam Trigger Wire under the passenger footwell (Like for the XLS Rangers) then you will need to connect the White Wire it to the Headlight High Beam Trigger Wire which can be from either headlight (we recommend using the driver's side headlight as that plug is longer and easier to access). The High Beam Trigger Wire will always be the wire 4th from the left (colour is different for right and left headlight plug) in the orientation shown.



- 52. If NONE of those options exist (Like some of the Platinum Packs), then you will just need to wire it directly to the car battery (White to Positive, Black to Negative/Earth) and the Light Bar High Beam function will be activated directly ON and OFF with a switch.
- 53. **IMPORTANT:** For the Ranger XLS Model there is a part under each headlight that needs to be cut off for the Front Bar to fit.

Follow the image and cut off the lower part of this plastic piece.

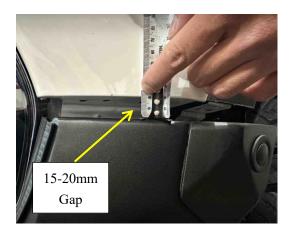
Use the indentations as a guide to cut off around halfway of this plastic piece under each headlight before attempting the next step of fitting the Front Bar on.



FITTING ON THE FRONT BAR

54. With the wiring done it's time to fit the front bar onto the vehicle. We recommend having 2 people hold the bar on each side while adjusting its position. We recommend having at least a 15-20mm gap between the bar and body of the vehicle as shown, and to try your best to make this gap the same on both sides.





55. Secure the bar onto the vehicle using these brackets and bolts making sure not to tighten completely yet so you can make final adjustments to its alignment. Once you are happy with the alignment then you can tighten all the bolts to secure the bar onto the vehicle.





56. Now that the front bar is fitted on, you can install the 2 inner front sensors (which was left till now after Securing the Front Bar on). IMPORTANT: Make sure the Factory Sensor Plugs are facing downwards.



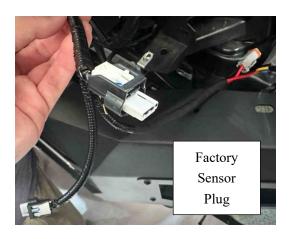


57. Re-plug in the Tech Pack Sensor and reconnect the factory headlight harness.



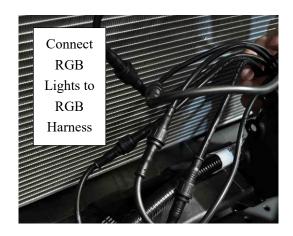


58. Connect all the factory sensor plugs (which are shown below) to the sensors on the Front Bar and connect the Light Bar Plug shown below.





59. And connect all the RGB Lights to the RGB Harness like shown. There will be 6 plugs from the harness and 5 lights that need connecting (4 cube lights + 1 light bar) they can connect however you like and there will be 1 harness plug left over. Also reconnect the Cube Light Plugs together.





60. Connect the Yellow Wire from the Outer Cube Light Plugs to the Extended Signal Light Wires created back in Step (46) and (47). Then solder and wrap in electrical tape.



That should be all the lights (light bar and 4x cube lights), sensors and tech pack/radar all plugged in. Now bundle everything neatly together where you can and cable tie to have a tidy finish, no wires hanging or exposed and firmly secured.



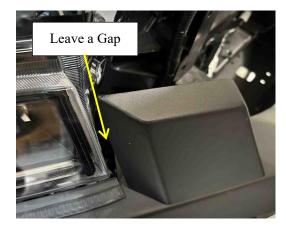
61. Once everything is reconnected and all wired up, you will need connect the RGB and HIGHBEAM harnesses to the vehicle's battery. Firstly, connect the Negative (black) wires with the metal ring to the earth which is on the passenger side of the engine bay next to the battery as shown and secure with a nut. Then connect the Positive (red) wires with the metal ring to the Positive Terminal of the vehicle's battery as shown and secure with a nut.





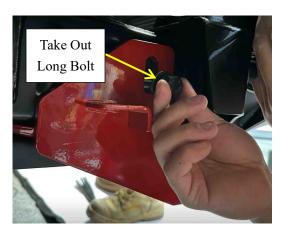
62. Now fit the 2 Headlight In Fill pieces with the bolts shown and position them like so and tighten. Make sure there is a gap between the headlight and In Fill piece to prevent damage to the headlights.



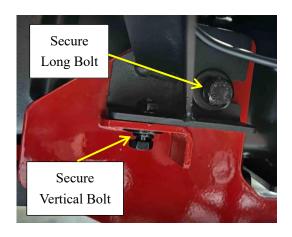


63. Now to fit the support brackets on each side of the bar underneath the wing of the bar as shown. Start by removing the long bolt from the recovery points (The one we told you not to tighten).





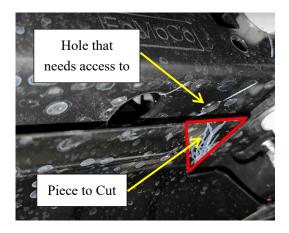
64. Insert the Support Bracket into position and secure onto the Recovery Point by reinserting the long bolt horizontally and tightening. While another bolt, washer and nut are vertically inserted to secure as shown. Secure the top part of the support bracket which goes into the wheel arch with just 1 bolt (There are 2 holes in this bracket support, but 1 bolt is sufficient and you can pick which hole is easier for you to use).





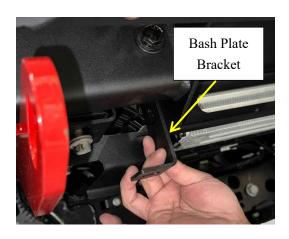
FITTING THE BASH PLATE

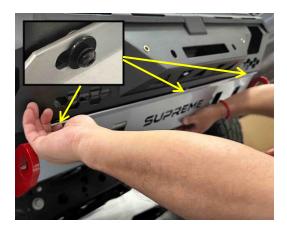
65. You will need to cut the factory underbody part as shown here to access the bolt hole that it covers. You will just need to cut enough to be able to insert a bolt into that hole above it.





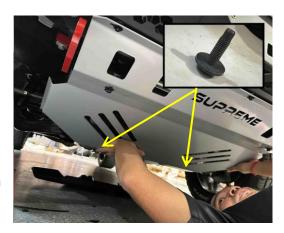
66. Fit the 2 Bash Plate Brackets onto the Winch Cradle, one on each side as shown and put the frontal bash plate with the supreme word on, securing the 3 front points with the bolts + washers provided.





67. Then fit on the 2nd Bash Plate, connecting with the first Frontal Bash Plate with 2 Bolts + Washer provided (NOTE: the Frontal Bash Plate should be covering the 2nd Bash Plate when securing together with the 2 bolts).

Then use the 2 factory bolts which we saved earlier when removing the factory bash plate to secure the 2nd bash plate to the vehicle (1 of those bolts will go through the exposed hole created from cutting off a small piece of the factory underbody).



CUTTING THE MUD FLAPS

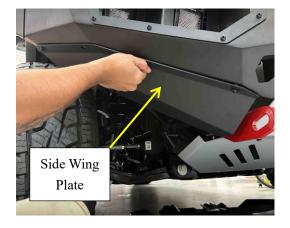
68. Cut a small piece of the sides of the mud guards like shown. Once that piece is cut off, you can bend the mud guard to fold and tuck it up onto the Side Wing Support Brackets. Do this for both sides.





69. Then the Side Wing Plate can be fitted using the bolts provided (making sure to tighten them all) and this will cover up the Mud Guard tucked into the Side Brackets in the previous step, do this for both sides.

Recall the plastic cover piece in the earliest steps that we removed from under the wheel arch. Put those 2 covers back in their original positions and secure with the factory clips.





FITTING THE NUMBER PLATE HOLDER

70. Secure the vehicles number plate onto the Number Plate Holder with these bolts and nuts, then fit the Number Plate Hinge Bracket to the Holder firmly but NOT overly tight as this hinge will allow for the number plate to flip up and down to access the winch if the vehicle is opting for one. Tightened enough so it is firmly in position, but the number plate can still be flipped up when needed. Then secure the Number Plate Holder to the Front Bar using the bolts and washers provided.





71. Re-fit the factory grille back onto the vehicle with the factory clips and screws/bolts.



72. For vehicles that had a camera and washer which was detached, reattach them as shown.





73. Put the plastic engine front cover back on and clip it into place with the factory clips.



74. Lastly put the negative battery terminal back into its place.



- 75. Test all the lights: High Beam, Fog Lights, Indicators, Light Bar
- 76. Test all the sensors and camera.
- 77. 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

78. 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.