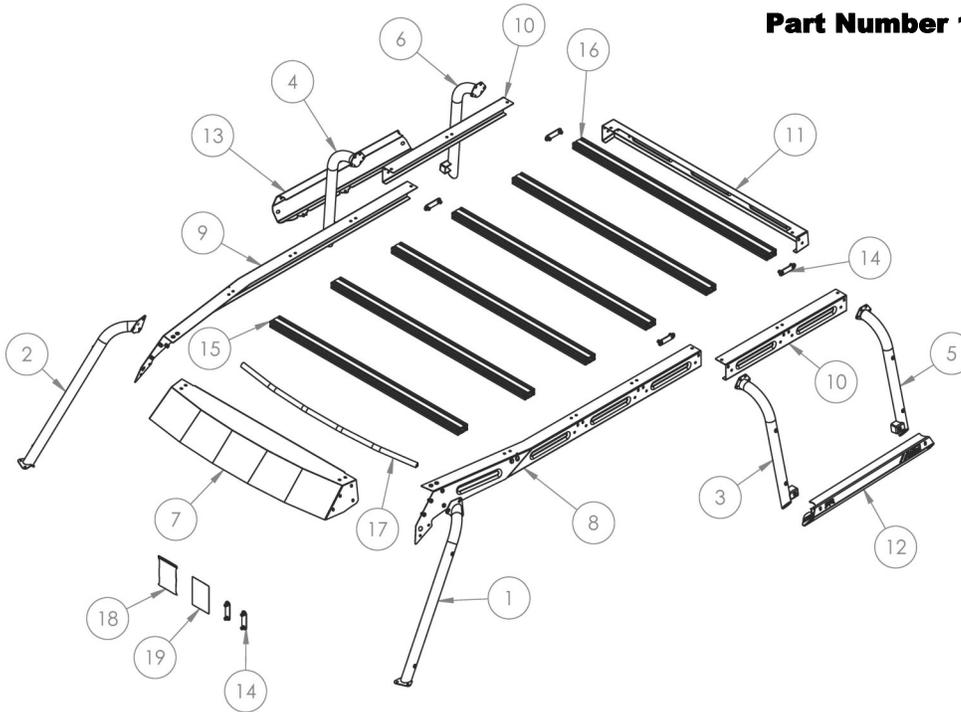




2021-24 Ford Bronco
RTR Roof Rack
Part Number 14021.0027.14.A



1. Front tube, Left	1
2. Front Tube, Right	1
3. Mid Tube , Left	1
4. Mid Tube, Right	1
5. Rear Tube, Left	1
6. Rear Tube, Right	1
7. Wind Deflector	1

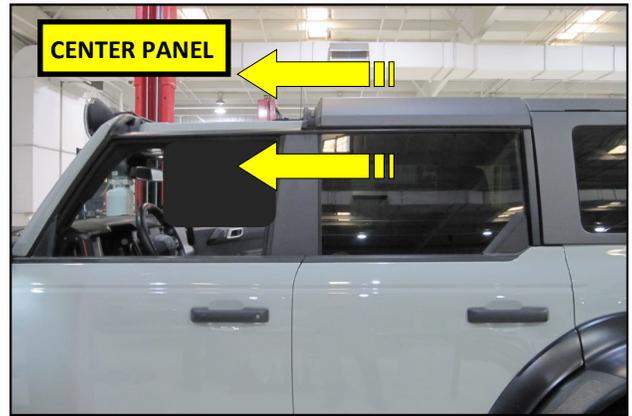
8. Main Rail, Left	1
9. Main Rail, Right	1
10. Rear Rail	2
11. Rear Cap	1
12. Fender Mount, Left	1
13. Fender Mount, Right	1
14. Nut Plate	6

15. Cross Bar, Short	1
16. Cross Bar, Long	5
17. Edge Trim	1
18. Hardware Pack	1
19. Instruction Scan Card	1

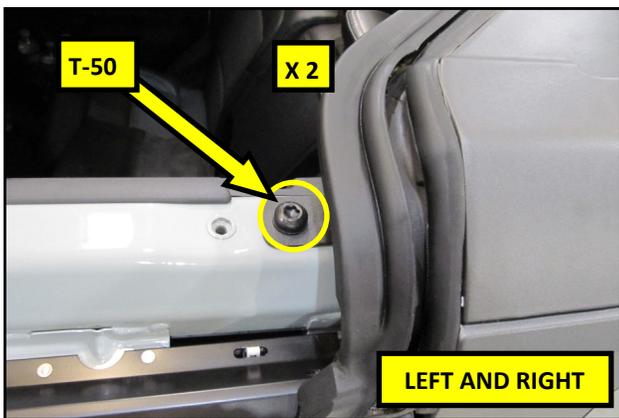
This RTR product is only intended to be installed on 4 door vehicles equipped with the RTR Light Bar or Light Bar Base. These instruct an installation being preformed on a hard top Bronco. While some installation details will vary between the hard top and the soft top, the general procedure remains the same. Disregard any information that does not apply to your model. This installation is best performed with the aid of three assistants for the purpose of safely lifting the rack onto the roof of the vehicle.



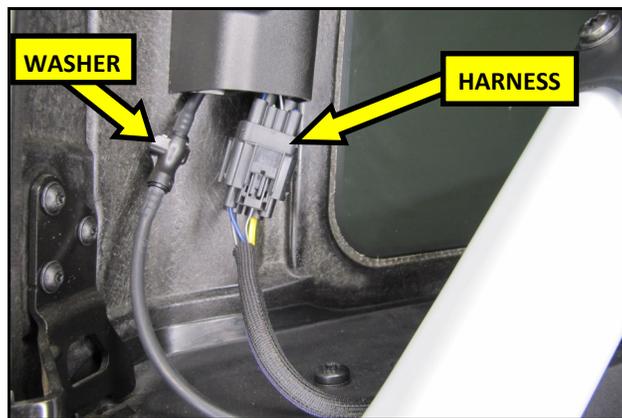
1. Remove the two front roof panels and set them aside.



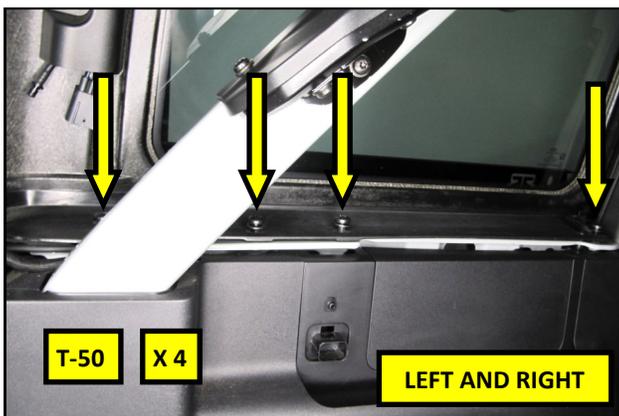
2. Detach and slide the center roof panel forward.



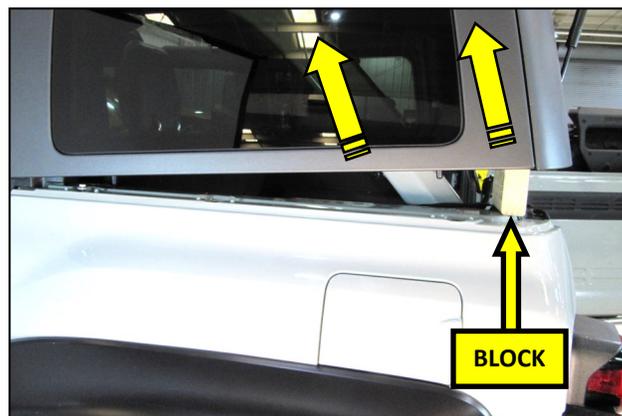
3. Using a T- 50 TORX® driver, remove the two bolts securing the rear of the top to the vehicle.



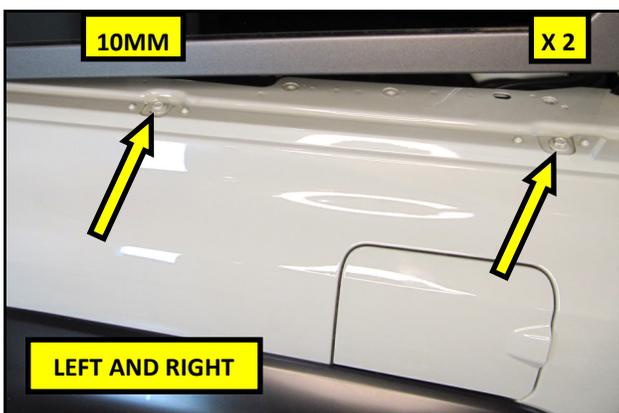
4. Disconnect the wiring harness and the washer fluid line.



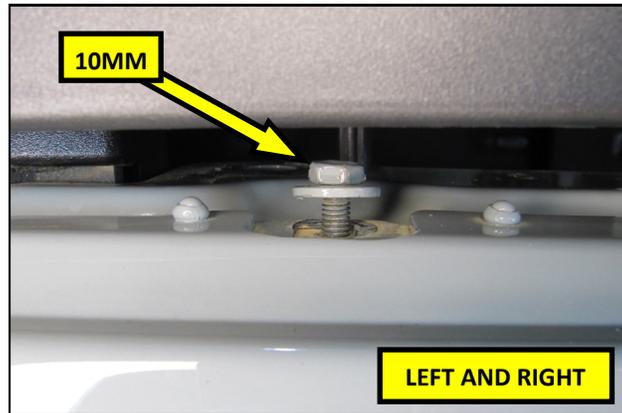
5. Using a T-50 TORX® driver, remove the 4 bolts securing the hard top on both sides of the vehicle.



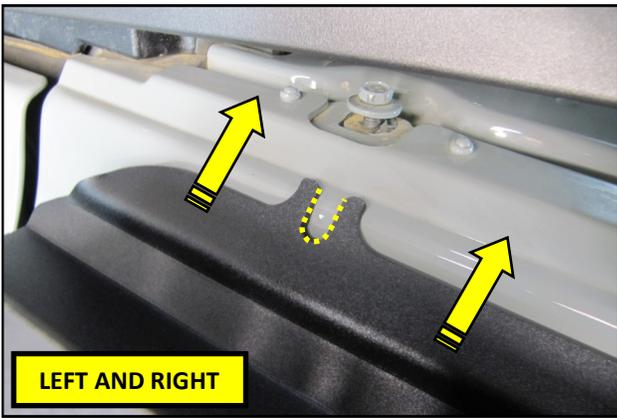
6. Raise the rear top and prop it up using blocks of wood.



7. Using a 10 mm wrench, remove the two rear fender bolts on both sides of the vehicle.

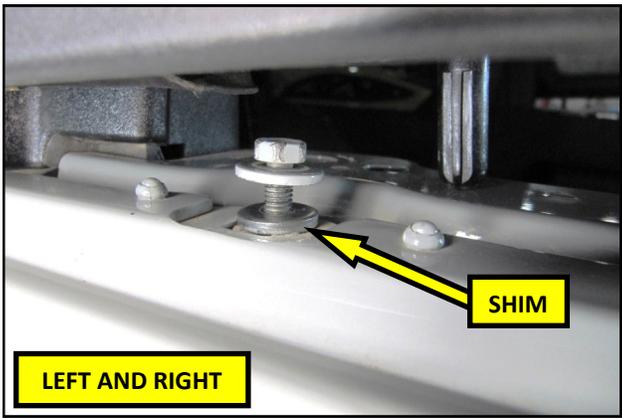


8. Loosen but do not fully remove the front bolt at the top of the rear fenders.



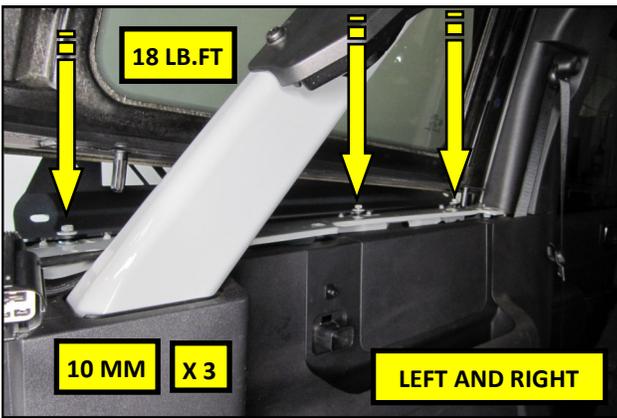
LEFT AND RIGHT

9. Slide the side specific Fender Mount between the fender and the top. When properly installed, the RTR logo will be on the leading edge of the Mount and the bolt from step 8 will be in the notch in the mount.

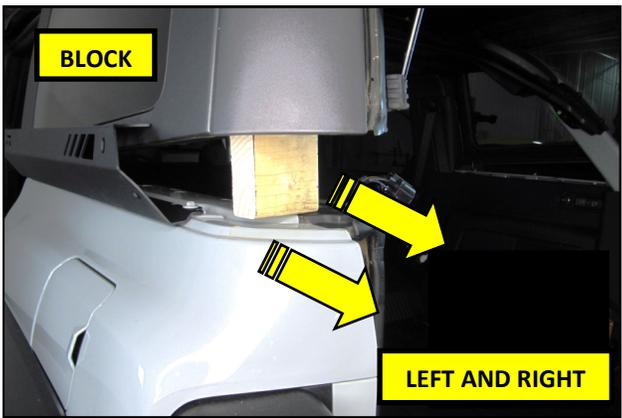


LEFT AND RIGHT

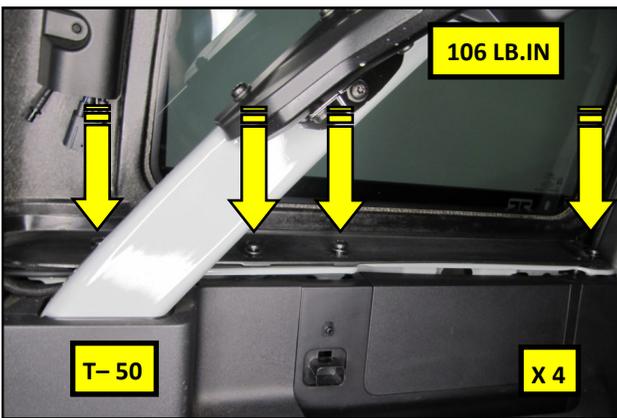
RAPTOR MODELS ONLY: Place the supplied shims on top of the upper fender bolt holes in all six locations.



10. Tighten the fender bolts on both sides of the vehicle, from inside the cargo area. Torque the fender bolts to 18 Lb.ft.



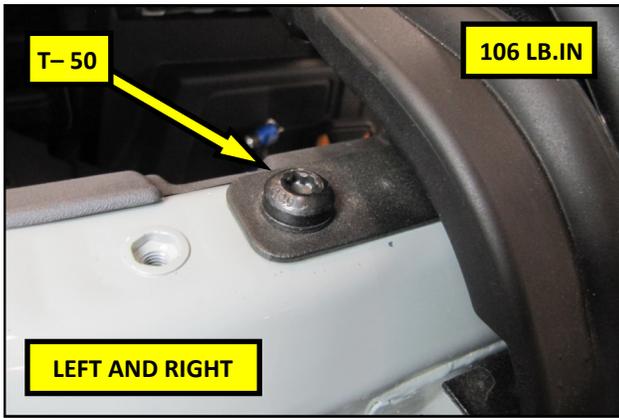
11. Remove the blocks and lower the top down onto the vehicle.



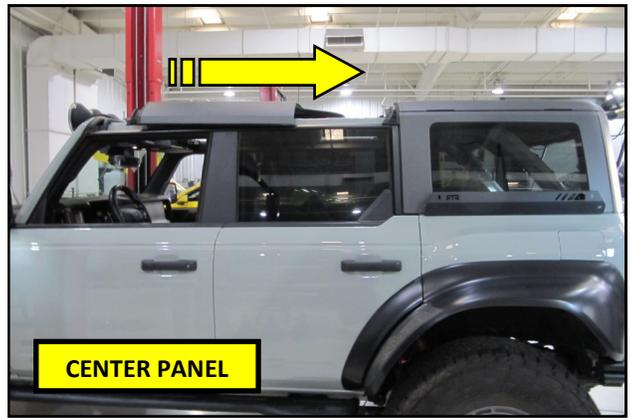
12. Using a T-50 TORX® driver, reinstall the bolts removed in step 7. Torque the bolts to 106 lb.in.



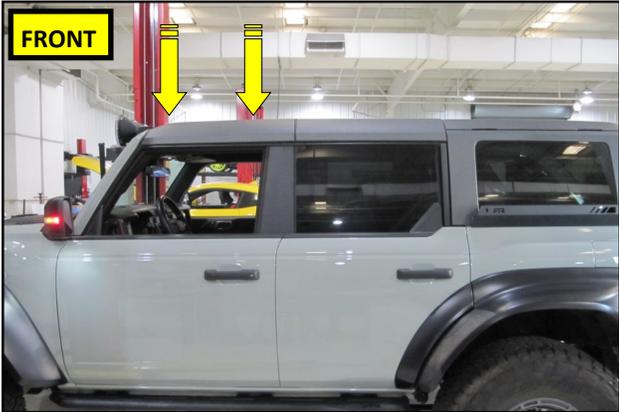
13. Reconnect the wiring harness and washer fluid line.



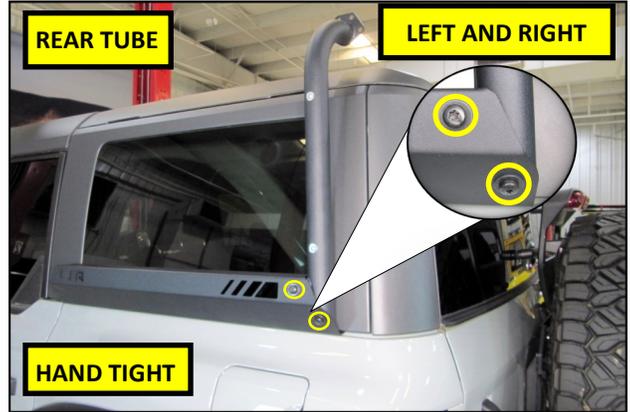
14. T- 50 TORX® driver, resecure the top to the vehicle using the hardware removed in step 3. Torque the bolts to 106 lb.in.



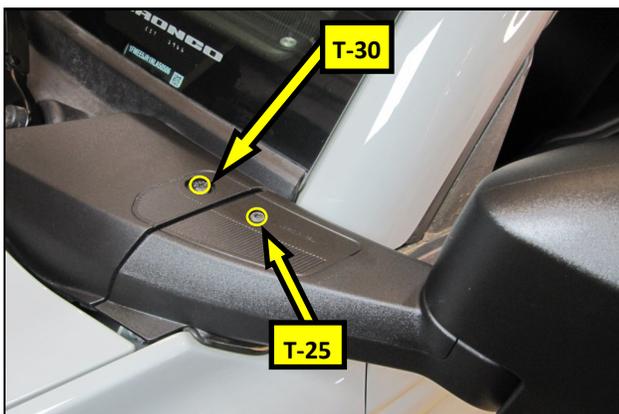
15. Using Slide the center panel rearward and secure it using the lock handles and latches.



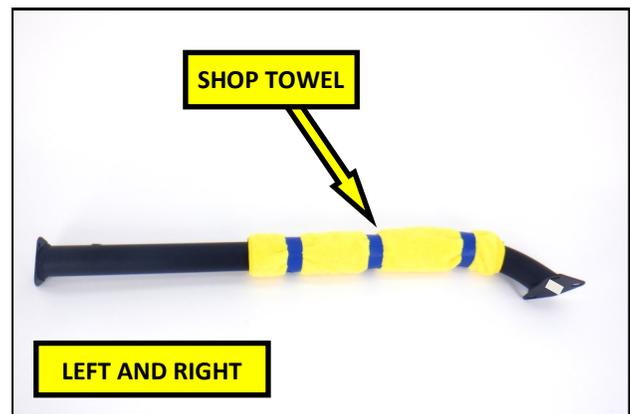
16. Reinstall the two front roof panels and secure them using the locking handles and latches.



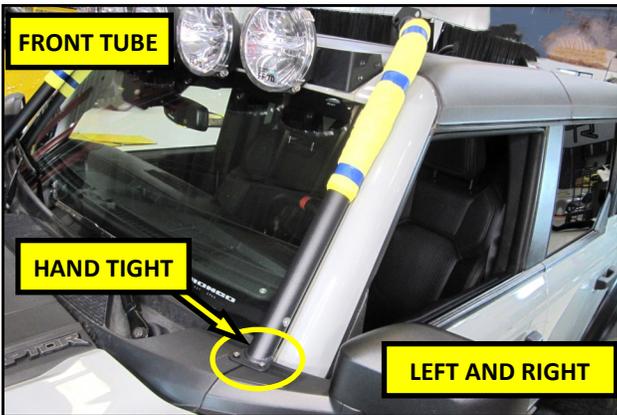
17. Using the supplied M8 Bolts with Washers, loosely install the Rear Tubes onto the Fender Mounts, as shown. **NOTE:** The Vertical Tubes are side and position specific. Location decals are on the mounting flanges of each Tube.



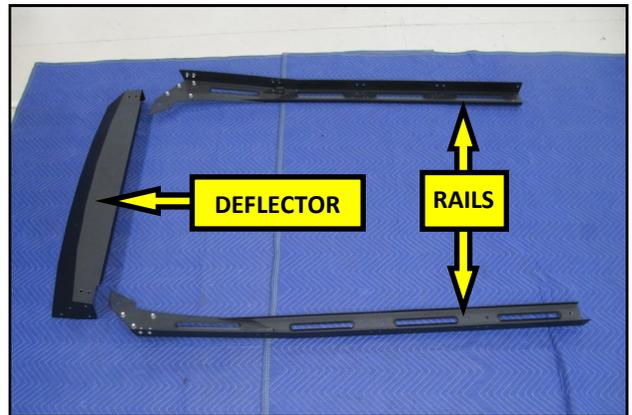
18. Using a T-25 and T-30 TORX® driver, remove the accessory screws in the mirror cover and mount.



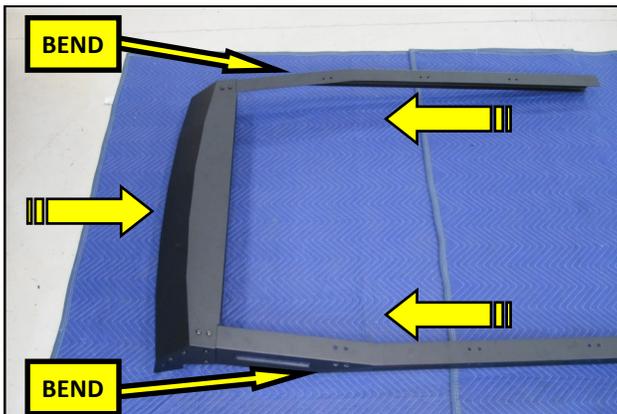
19. Wrap the Front Tubes with clean shop towels as shown and use tape to hold them in place.



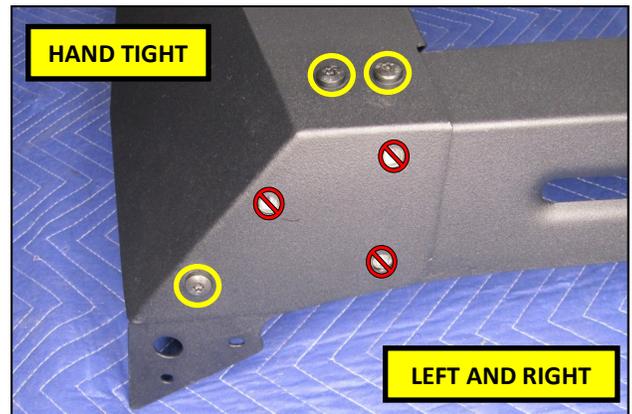
20. Using the OEM fasteners from step 18, loosely install the Front Tubes onto the vehicle, as shown.



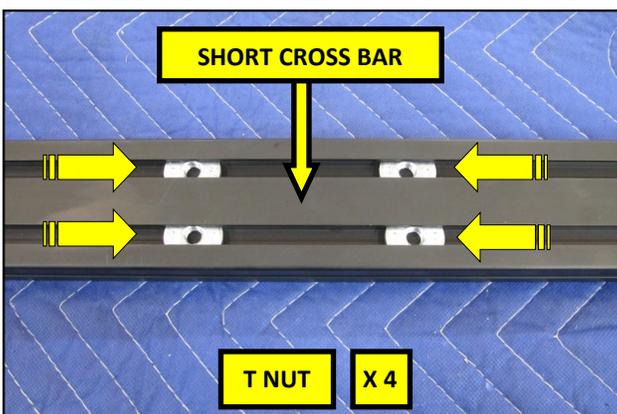
21. Lay the Left and Right Main Rails along with the Wind Deflector onto a padded work surface.



22. Slide the Rails and Deflector together as shown.



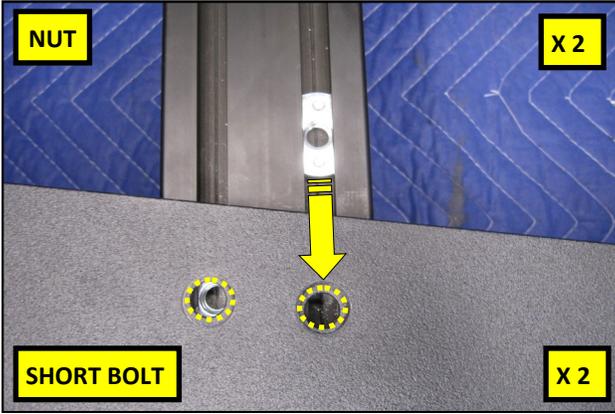
23. Secure the Deflector to the Rails using three of the supplied M8 x 25 (Long) Bolts. Leave these Bolts and all future Bolts hand tight until instructed to torque them.



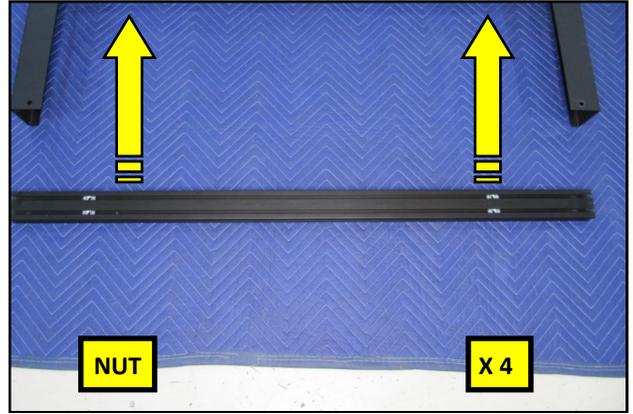
24. Locate the Short Crossbar and slide 4, T Nuts into the channels as shown.



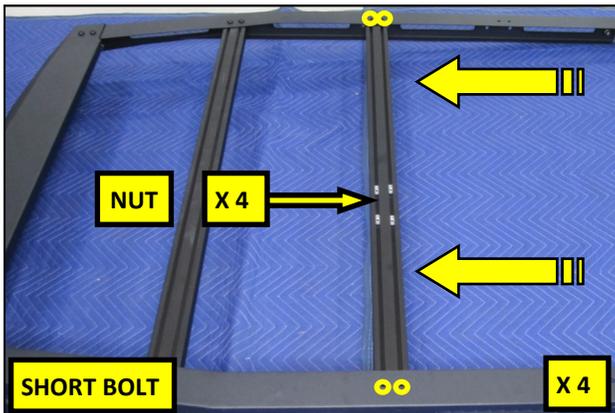
25. Slide the Short Cross Bar between the Rails and align it with the first set of holes in the Rails.



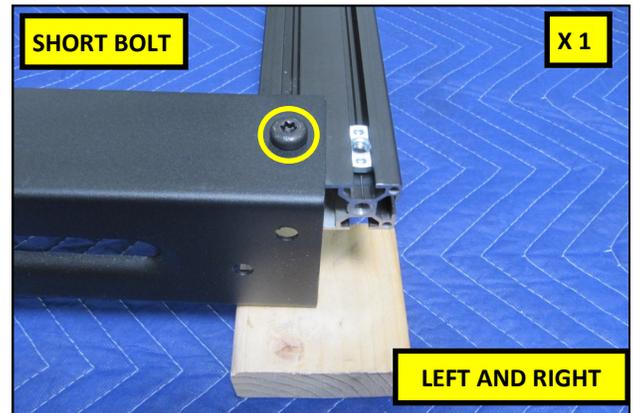
26. Slide the T Nuts outward and align them with the holes in the Rails. Secure the Cross Bar to the Main Rails using 2, M8 (Short) Bolts per side.



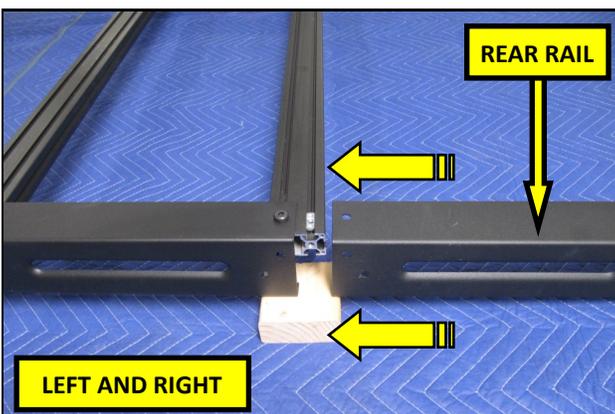
27. Slide 4, T Nuts into each of the remaining (Long) Cross bars.



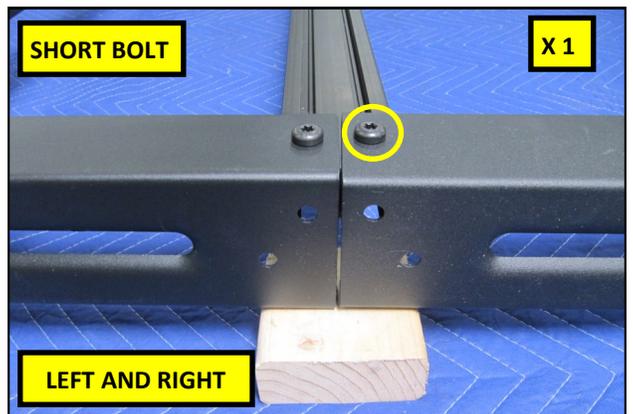
28. Slide the Cross Bars, one by one, between the Rails and align them with the holes in the Rails. Secure the Bars using the M8 (Short) hardware.



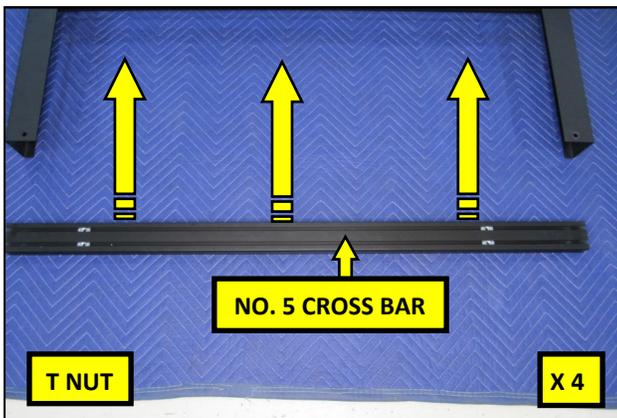
29. Place the ends of the Rails onto blocks of wood. Slide the No. 4 Cross Bar up to the first slot and secure it using a single M8 (Short) Bolt as shown.



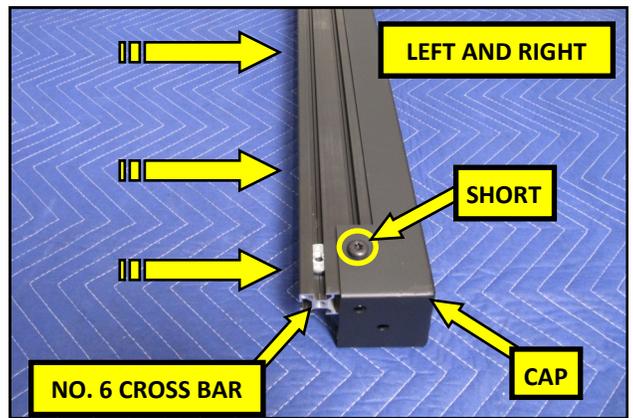
30. Slide the Rear (Short) Rails up to the No. 4 Cross Bar and onto the blocks.



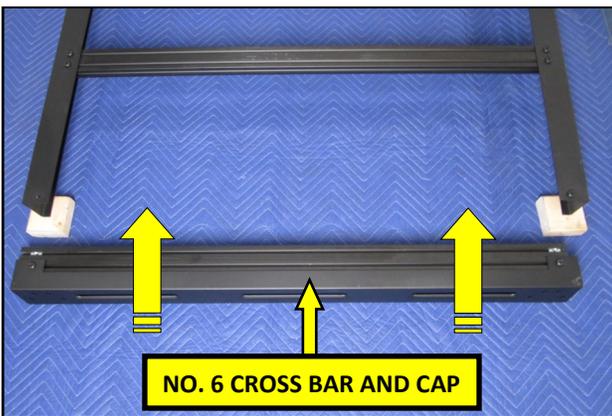
31. Secure the Rear Rails to the Cross bar using secure it using a single M8 (Short) Bolt as shown.



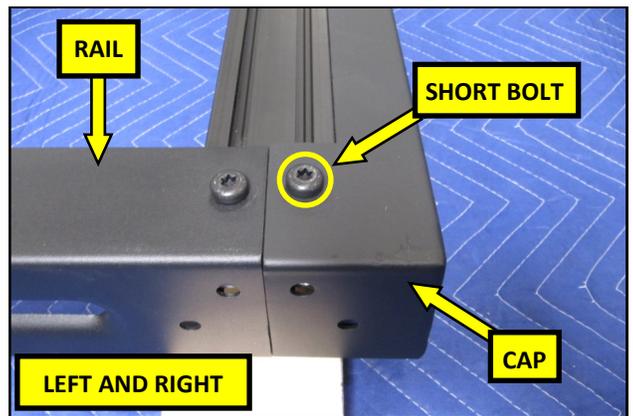
32. Slide the No.5 Cross Bar with T Nuts into the Rear Rail and secure it using four of the Short M8 Bolts.



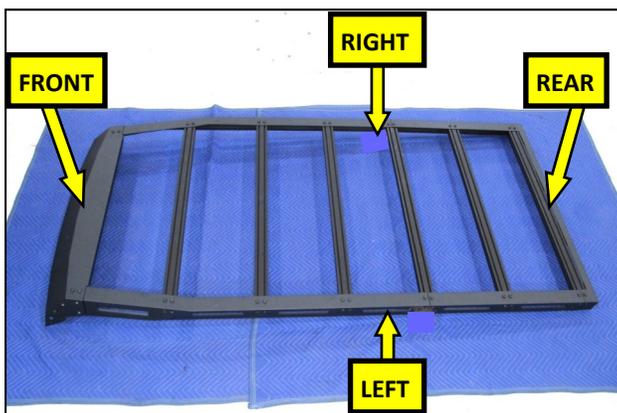
33. Slide the No. 6 Cross Bar with 4, T Nuts into the Rear Cap and secure it using 2, Short M8 Bolts.



34. Place blocks from step 33 under the ends of the Rear Rails. Slide the Cross Bar and Cap into the Rails and onto the blocks.



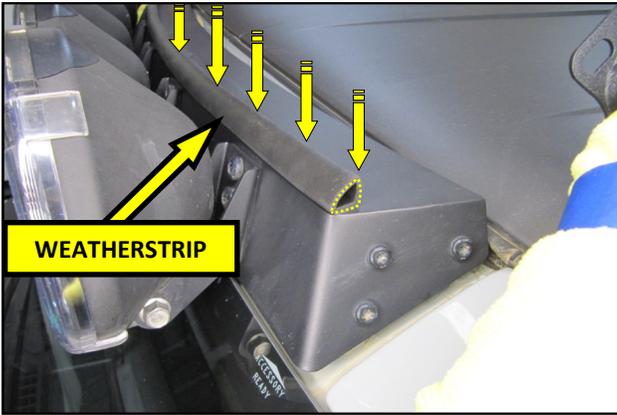
35. Secure the Cap and Cross Bar to the Rear Rails using 2, Short M8 Bolts.



36. Top view of a properly assembled Rack and position identification.

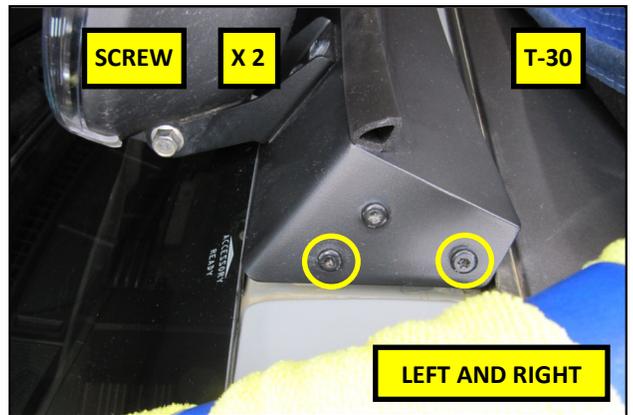


37. Clean the leading edge of the light bar using a mild solution of soapy water, followed by isopropyl alcohol.



WEATHERSTRIP

38. Peel the tape backer off of the Weatherstrip and apply it to the leading edge of the light bar as shown, with the forward facing edge swept rearward.

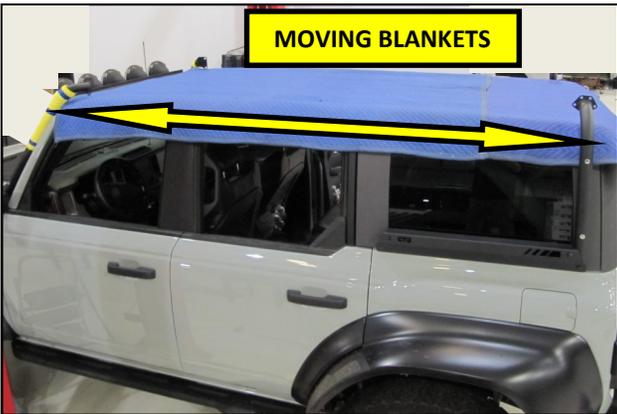


SCREW X 2

T-30

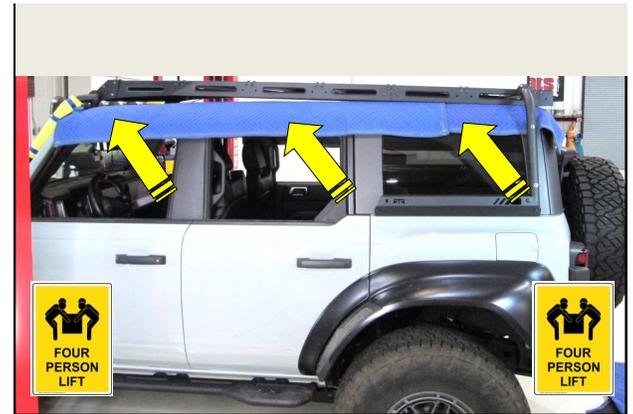
LEFT AND RIGHT

39. Using a T-30 TORX® driver, remove the two bottom screws on both sides of the light bar and set them aside.



MOVING BLANKETS

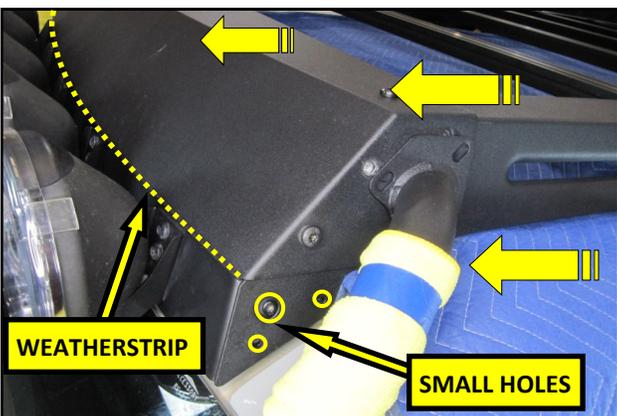
40. Drape a moving blanket or blankets across the entire length of the roof protect the vehicle.



FOUR PERSON LIFT

FOUR PERSON LIFT

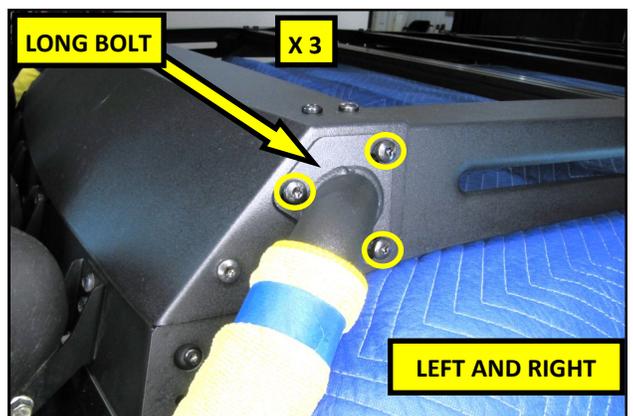
41. With the help of 3 assistants, and starting from the rear, carefully lift the Roof Rack up and onto the top of the vehicle.



WEATHERSTRIP

SMALL HOLES

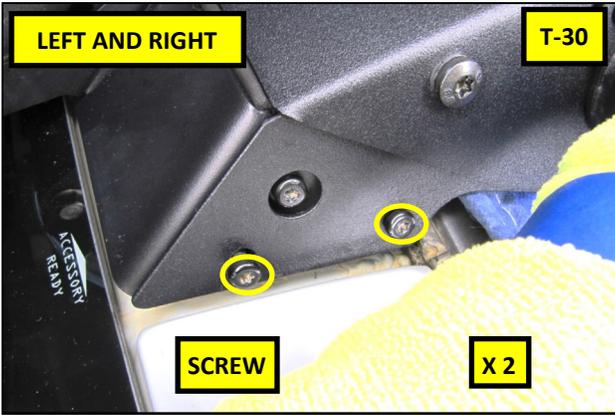
42. Slide the Rack forward, towards the light bar and over the weatherstrip. Align the small holes in the rack with the holes on the sides of the lightbar.



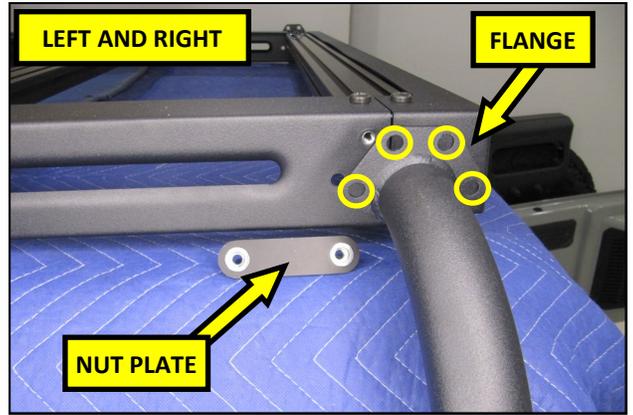
LONG BOLT X 3

LEFT AND RIGHT

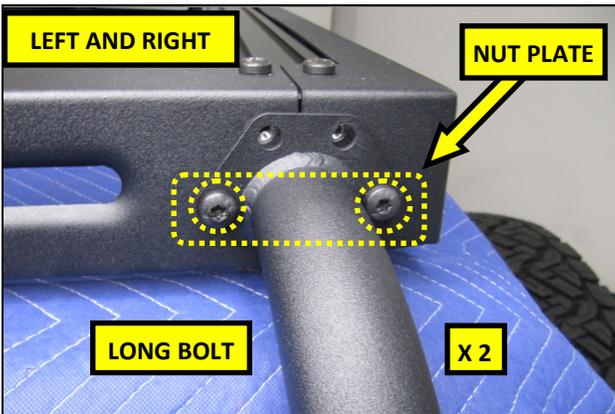
43. Secure the Front Tube to the Rack using 3 of the M8 (Long) bolts.



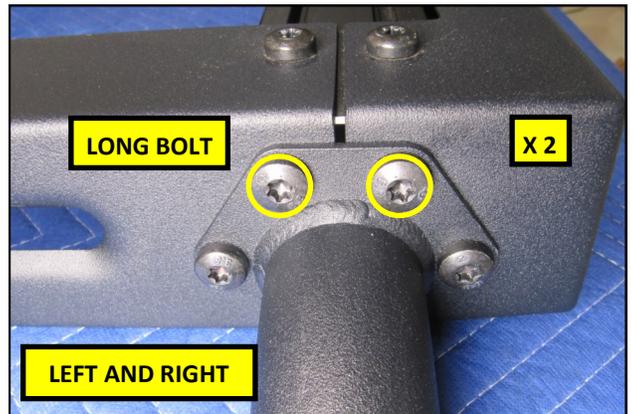
44. Secure the Rack to the light bar using the hardware removed in step 39.



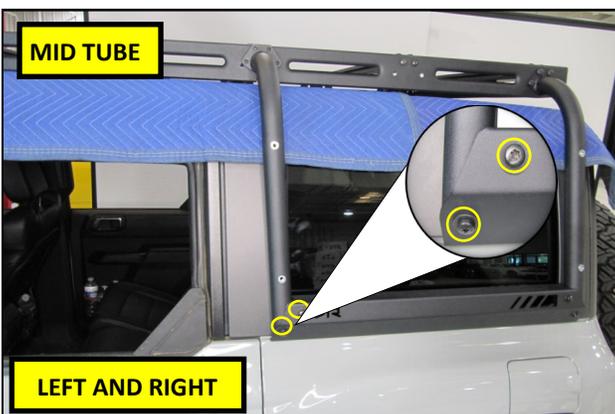
45. Align the holes in the Rear Tube flange with the holes in the side of the Rack. Place one of the RTR Nut plates inside the Rail, opposite of the flange.



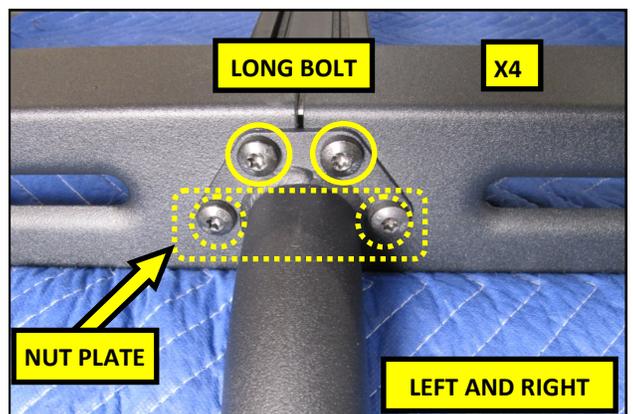
46. Secure the Rear Tube to the Rack using two M8 (Long) Bolts and the Nut Plate.



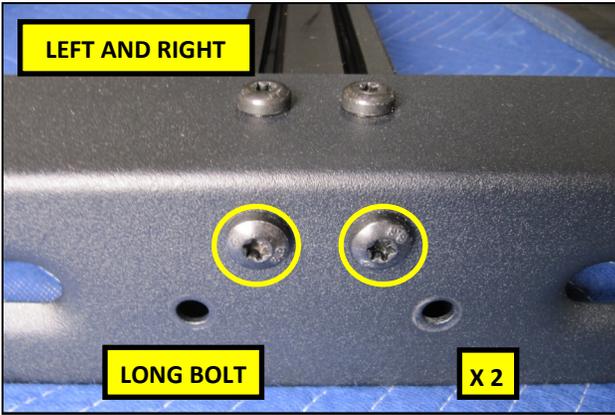
47. Thread in two M8, Long Bolts into the top two flange holes and into the Cross Bar.



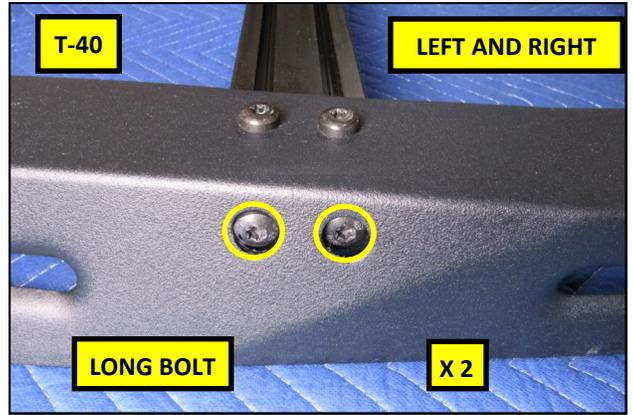
48. Using the supplied M8 Bolts with Washers, loosely install the Mid Tube onto the Fender Mounts, as shown.



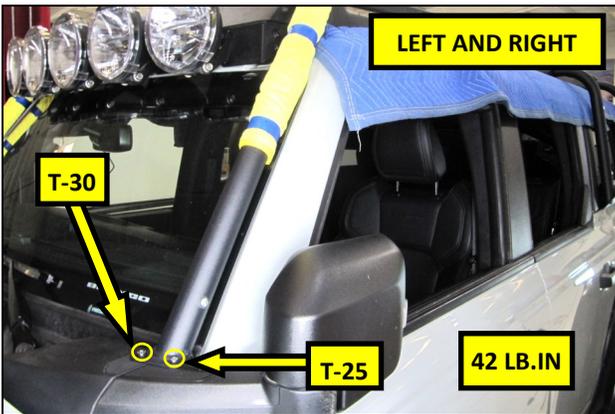
49. Secure the Mid Tube to the Rack using four, M8 (Long) Bolts and a Nut Plate.



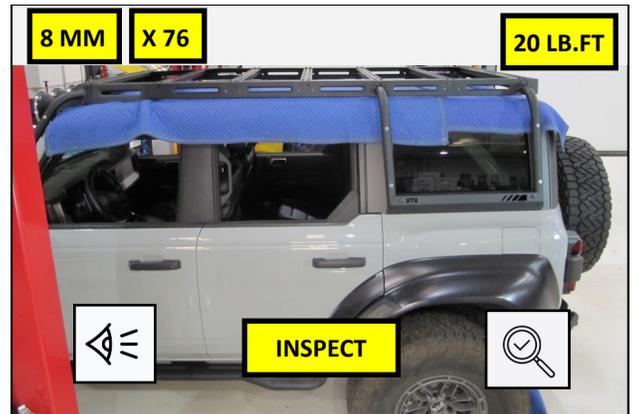
50. Secure the Cross Bars to the Rails using 2, M8 (Long) Bolts.



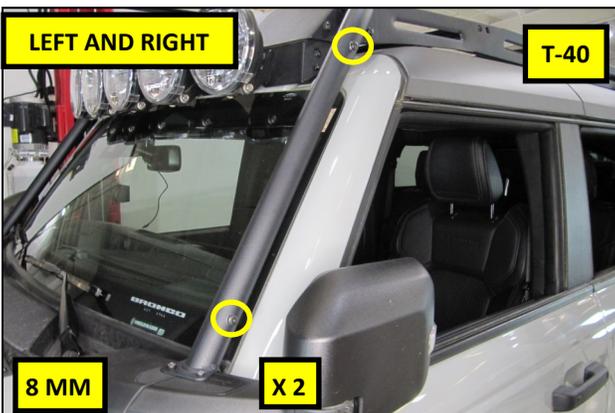
51. Using a T-40 TORX® driver, thread 2, M8 Long Bolts into the Short Cross Bar.



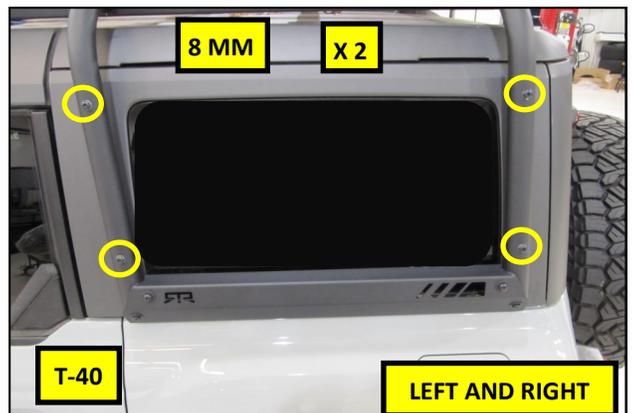
52. Torque the Accessory Screws to 42 lb.in.



53. Inspect the Rack and verify that it is Square and Symmetrical –Adjust as needed. Using a T-40 TORX® driver, torque all M8 Fasteners to 20 Lb.ft. Remove the Blankets from the vehicle.



54. Install 2, M8 (Long) Bolts into the Front Tube.



55. Install 2, M8 (Long) Bolts into the Mid and Rear Tubes. These additional fasteners and the unused Nut Plates are intended to allow for future accessories.