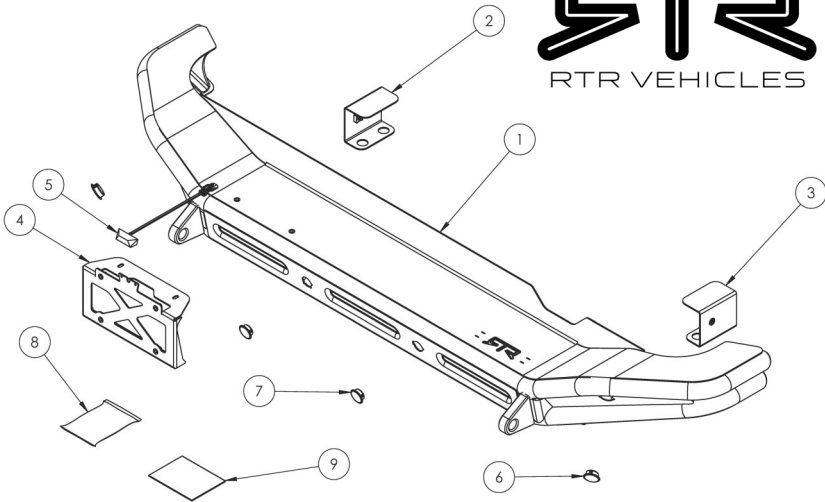




**2021-23 Ford Bronco**  
**RTR Rear Bumper**  
**Part number 14021.0008.14.A**

**Component Identification**

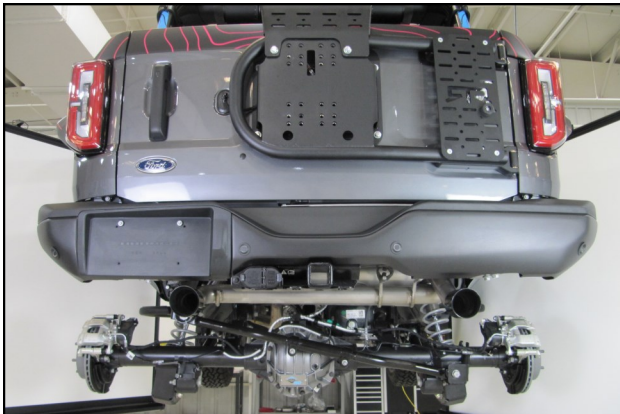


1.	Rear Bumper	1
2.	Nut Plate, Left	1
3.	Nut Plate, Right	1
4.	License Plate Bracket	1
5.	License Plate Light	1
6.	Bumper Plug, Large	2
7.	Bumper Plug, Small	2
8.	Hardware Pack	1
9.	Instruction Card	1

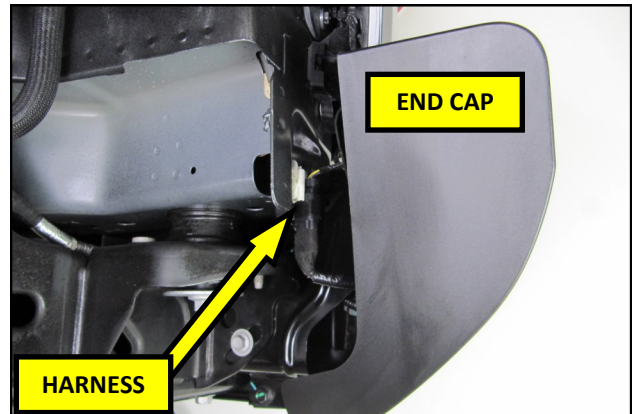
**NOTE :** This Bumper is a direct replacement for the OEM Steel bumper, with or without parking sensors.

Vehicles equipped with a plastic rear bumper and with rear parking sensors will need to order one of each of the six plastic grommets listed below, from a Ford dealer in order to maintain parking sensor functionality.

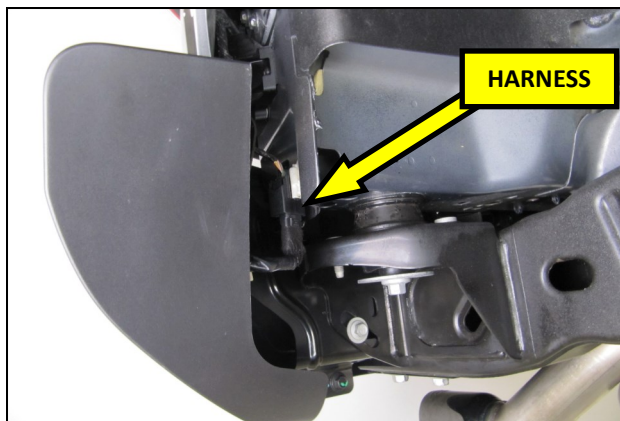
**M2DZ-15K861-CA, M2DZ-15K861-CB, M2DZ-15K861-CC, M2DZ-15K861-CD, M2DZ-15K861-G, M2DZ-15K861-H**



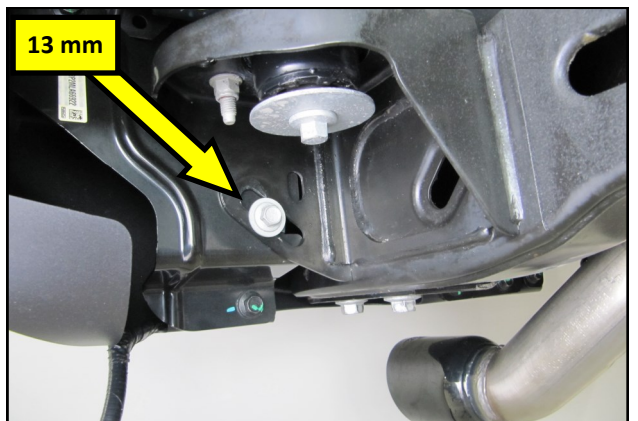
**1. NOTE:** For illustrative purposes, the vehicle has been lifted on a hoist and the wheels and tires have been removed.



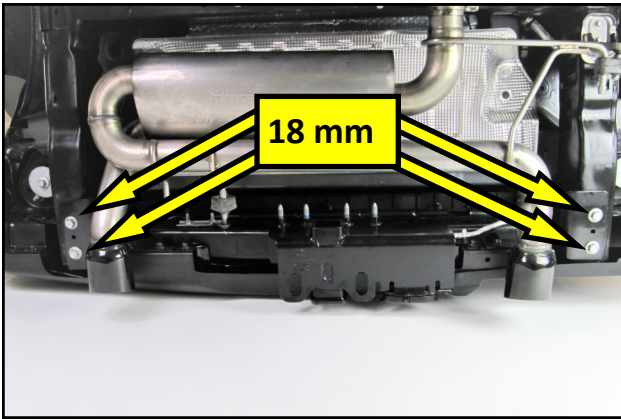
**2.** On the drivers side of the vehicle, locate and disconnect the license plate lamp electrical harness, behind the bumper end cap.



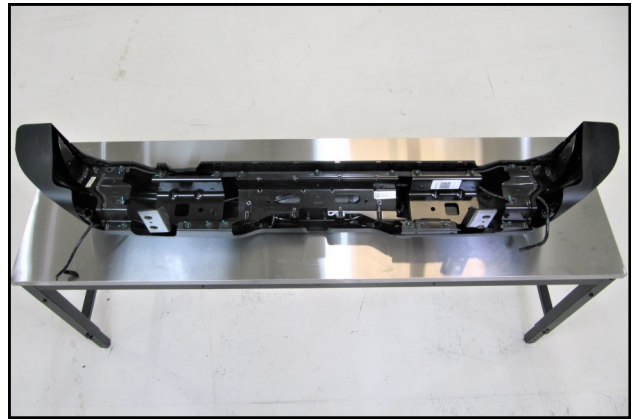
**3.** On the passenger side of the vehicle, locate and disconnect the rear parking aid sensor harness, behind the bumper end cap if so equipped.



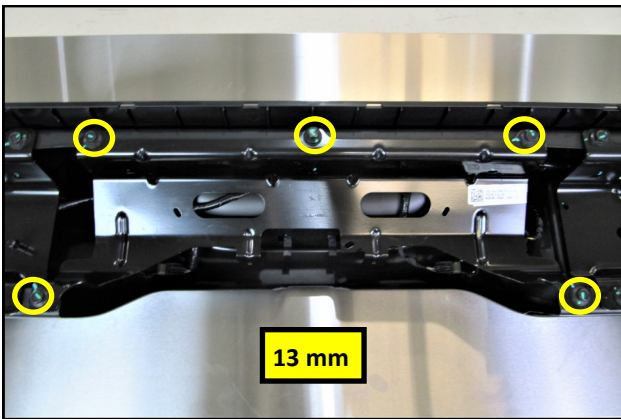
**4.** Remove the bolt in the outer frame tab from both sides of the vehicle and set them aside. They will not be reused.



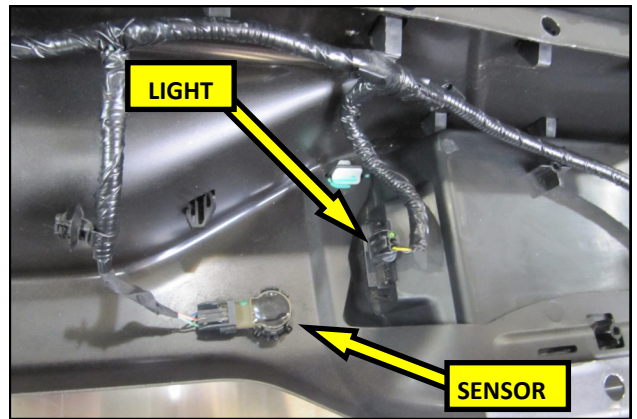
5. Remove the four 12 mm bolts securing the bumper to the frame. Save these bolts, they will be reused.



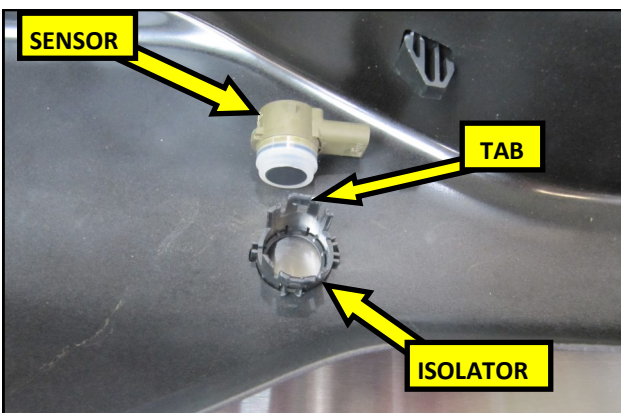
6. With the help of an assistant, slide the bumper rearward and off of the vehicle. Place the bumper face down onto a work bench as shown.



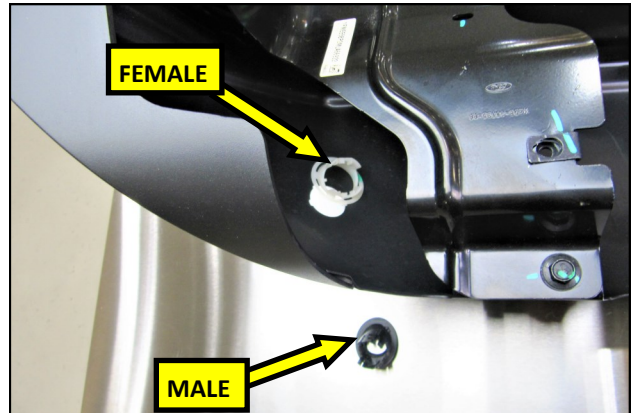
7. For vehicles equipped with the OEM steel bumper: Remove the five bolts in the center support and pull it away from the bumper. Using a panel clip removal tool, pry the wire harness anchors off of the support and set it aside.



8. Locate and disconnect the license plate light and parking aid sensors, if so equipped. Pry the wire harness anchors out as you move along and remove the harness from the bumper. For vehicles is not equipped with the parking aid, proceed to step 21.



9. Vehicles with rear parking aid: Remove two Inner parking aid sensors and isolator rings by carefully spreading the lock tabs of the isolators and separating them as shown. The sensors and isolators will be transferred into the RTR Bumper.

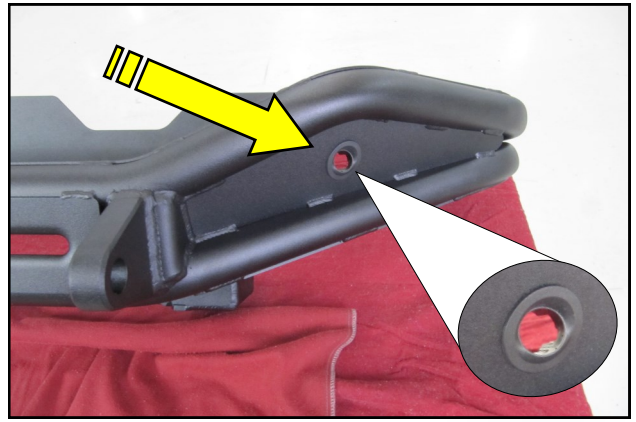


10. Remove two Outer parking aid sensors and isolator rings by carefully spreading the lock tabs and separating them. The outer sensors are housed inside of 2 rings, a Male and a Female, and should be kept separately to avoid confusion during reassembly.

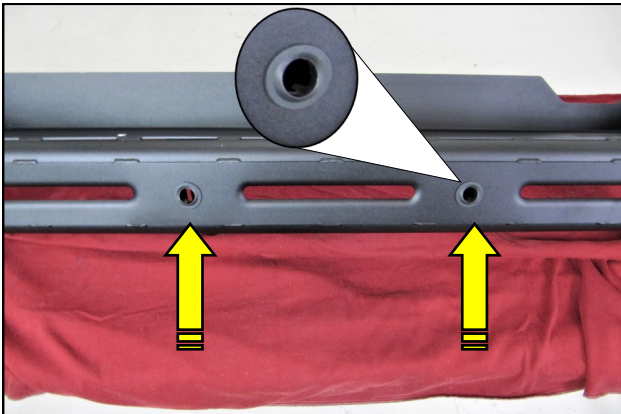




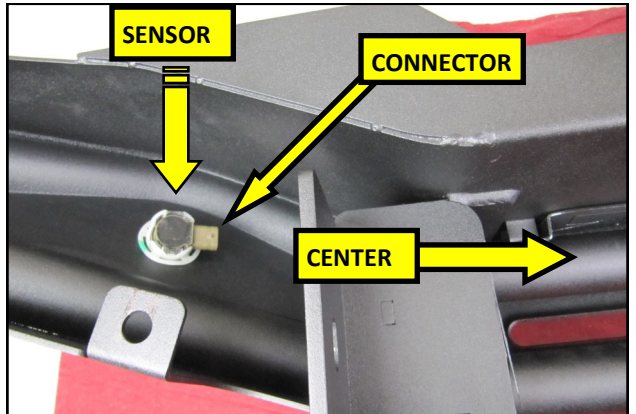
11. With the help of an assistant, place the RTR Bumper onto a padded work surface to protect it from scratching.



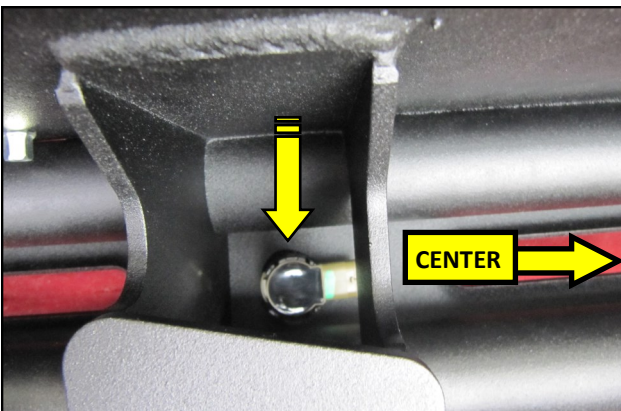
12. Transfer the OEM Outer isolators (2 per side), into the RTR Bumper as shown. **NOTE:** Sensor positioning is critical for system functionality. The RTR isolator holes are keyed to ensure proper positioning of the sensors in the Bumper. The Bumper holes have very close tolerances to maintain positioning.



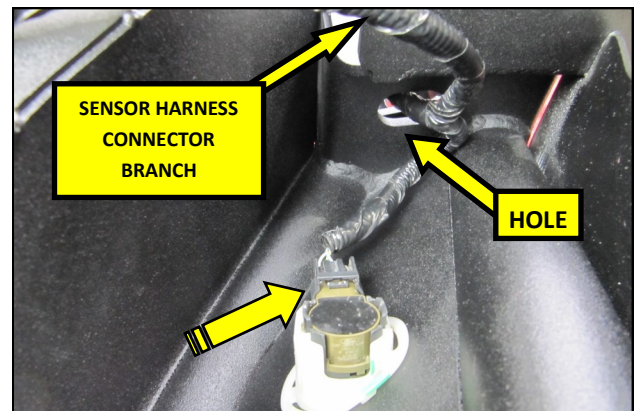
13. Transfer the Inner OEM isolators into the RTR Bumper as shown.



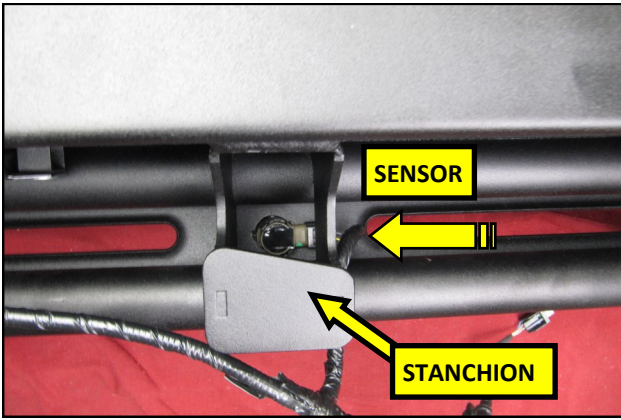
14. Reinstall the Outer sensors into the isolators as shown, with the connectors facing towards the center of the bumper.



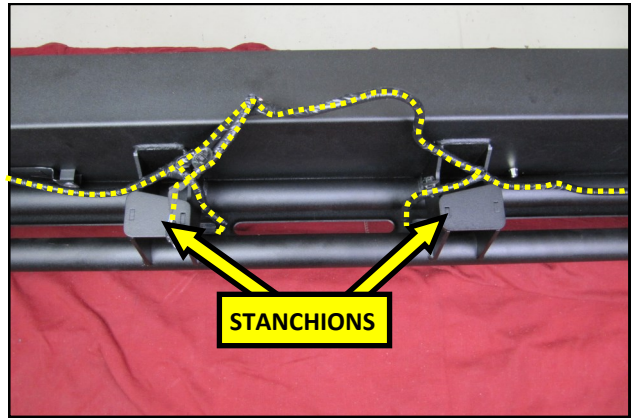
15. Reinstall the Inner sensors into the isolators as shown, with the connectors facing towards the center of the bumper.



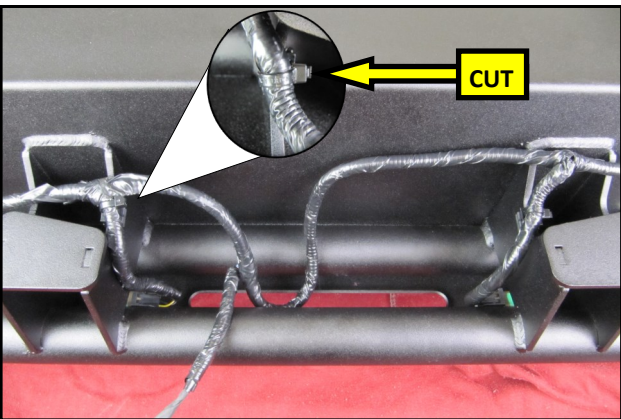
16. Starting at the passenger side of the Bumper, connect the harness to the first sensor and feed the other end through the hole in the bumper mount as shown. **Note:** The 2 wire harness branch for License Plate Light is to be on the driver side and will be connected last.



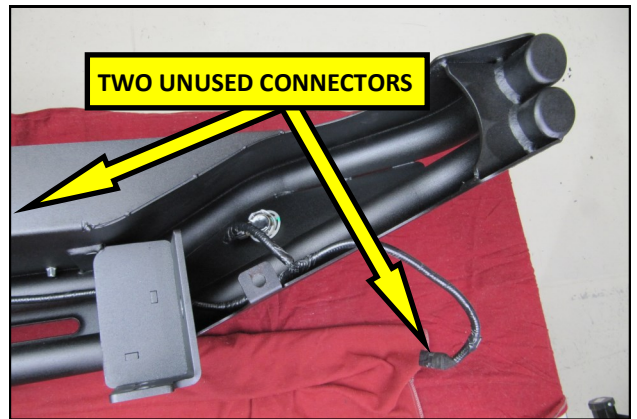
**17.** Connect the center sensors inside of the Bumper Stanchions.



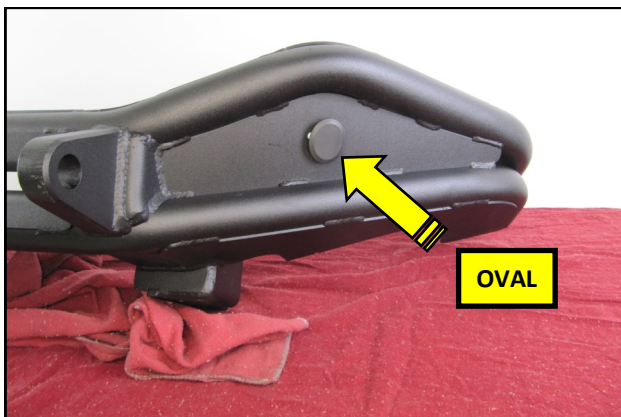
**18.** Route the harness across the Bumper and above the Bumper Stanchions.



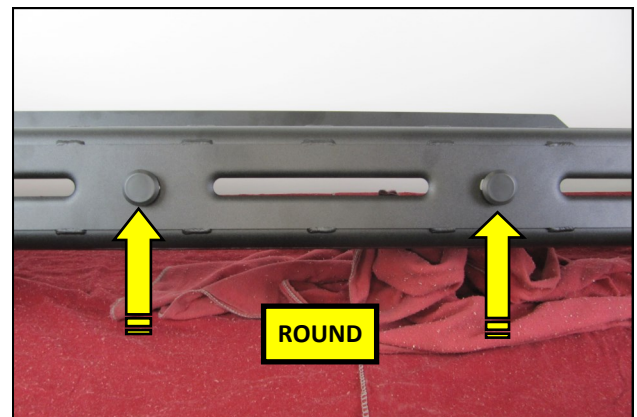
**19.** Slide the Edge Clip Cable Ties onto the center Bumper uprights and secure the harness to the Bumper. Trim the excess Tie length.



**20.** Connect the last sensor and verify that there are Two unused connectors on the Drivers side. One for the Light and one to connect to the vehicle. **NOTE:** The license plate harness is the 2 wire harness.

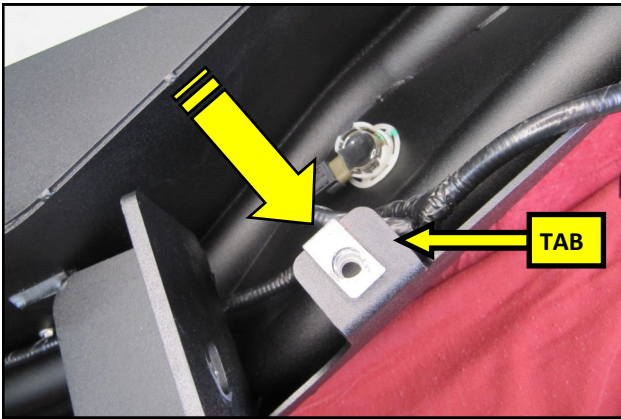


**21.** For vehicles without the park aid, install the supplied Caps into the Bumper. The 2 Large Caps are Oval in shape and are to be placed into the outer holes. When properly installed, the Caps will be fully engaged with the Bumper and sit flush.

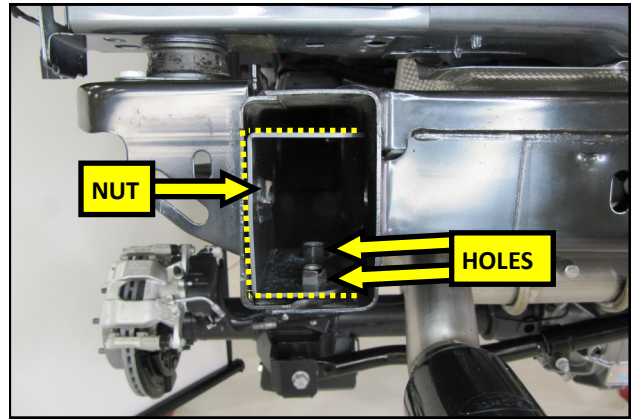


**22.** The 2 remaining Small Caps are round in shape and are to be placed into the center holes of the Bumper. When properly installed, the Caps will be fully engaged with the Bumper and sit flush.

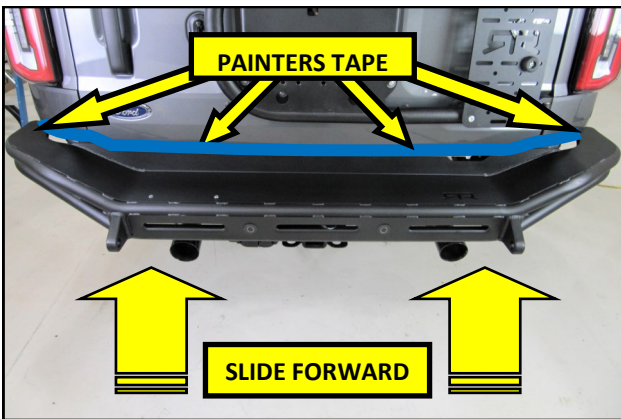




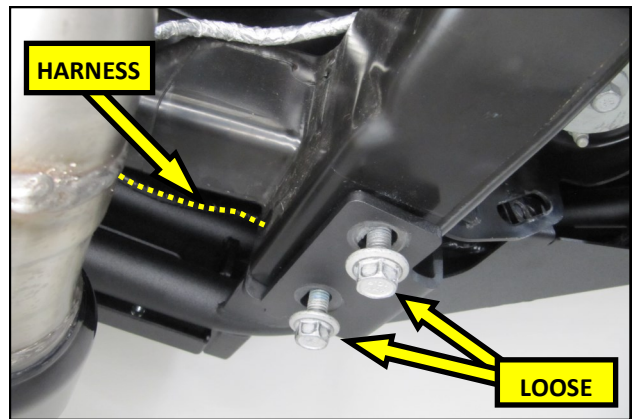
**23.** Slide the Speed Nuts onto both of the outer Bumper tabs as shown, with the threads pointing into the Bumper.



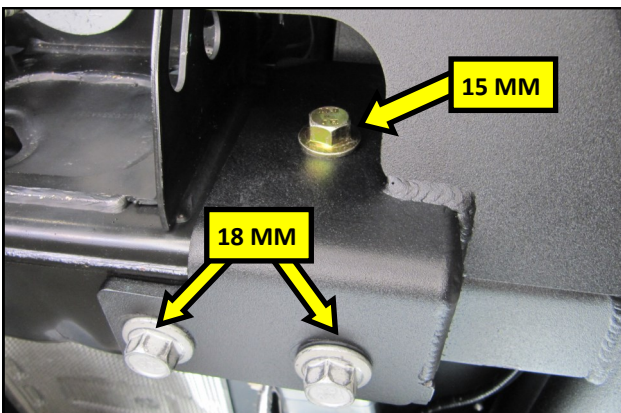
**24.** Insert the RTR Nut Plates into the frame on both sides of the vehicle as shown.



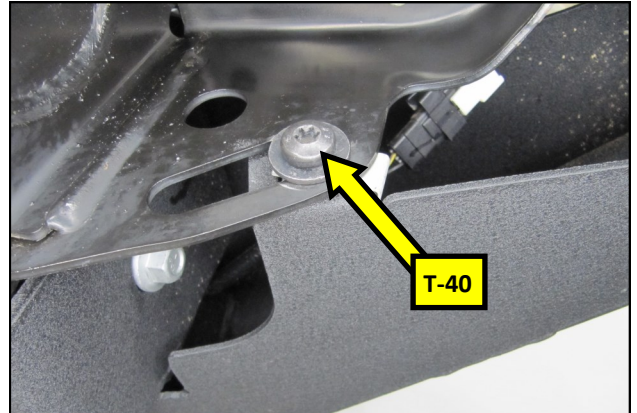
**25.** Prepare the vehicle for Bumper installation by applying a protective layer of painters tape as shown. With the help of an assistant, carefully slide the Bumper onto the vehicle. Remove the tape once the bumper is in place.



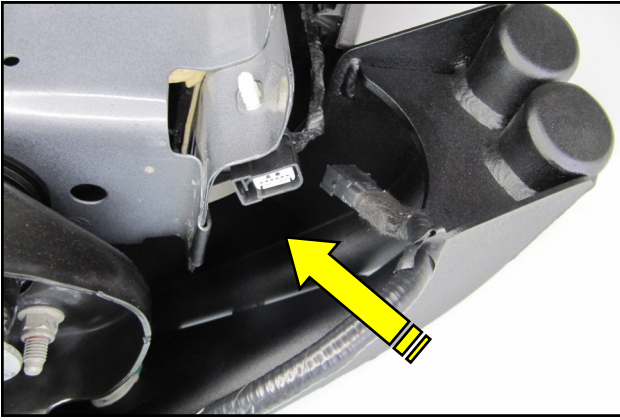
**26.** With the Bumper in place, verify that the wire harness has not been pinched anywhere along the frame. Using the bolts removed in step 5, loosely fasten the Bumper to the frame on both sides of the vehicle.



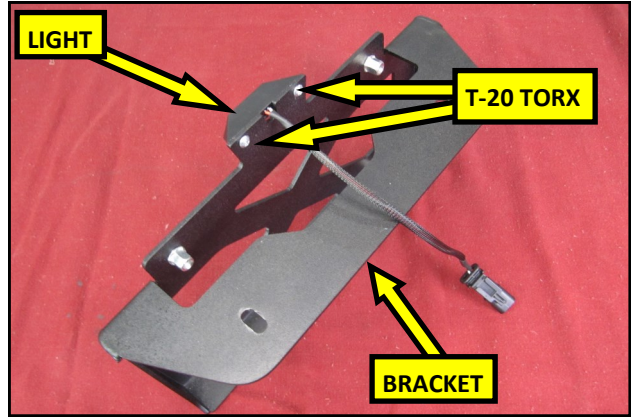
**27.** Using the supplied 12 mm Bolts, secure the Bumper to both sides of the frame. These bolts will engage the threads of the Nut Plates in step 24. Torque all 3 bolts to 59 lb.-ft on both sides of the vehicle.



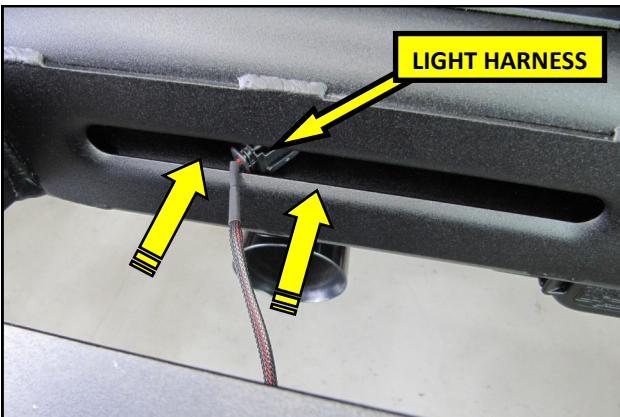
**28.** Using the supplied 8mm Bolts and Washers, secure the frame to the Bumper tabs on both sides of the vehicle and torque the bolts to 20 lb.-ft .



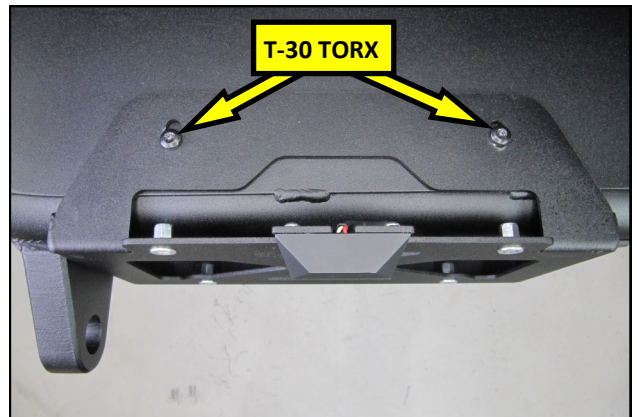
**29.** Reconnect the license plate harness on the drivers side of the vehicle and re connect the sensor harness on the passenger side, if so equipped.



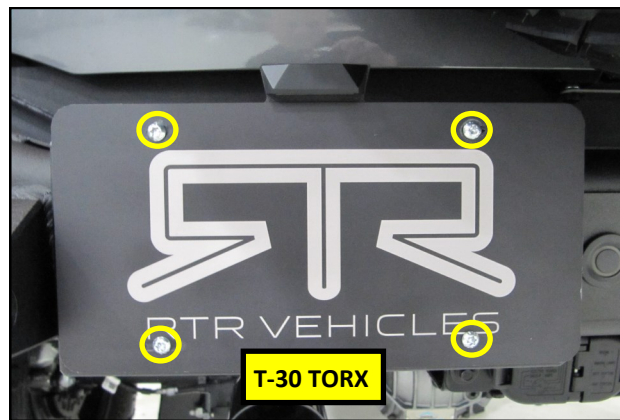
**30.** Install the License Plate Light, lens down, onto the Bracket as shown, using the supplied 4mm Screws.



**31.** Feed the Light Harness into the Bumper as shown and connect it to the 2 pin connector on the vehicle harness.



**32.** Secure the Bracket to the Bumper using 2 of the supplied 6mm Screws.



**33.** Using the remaining 6 mm Screws, install the license plate onto the Bracket.