

ROUGH COUNTRY

SUSPENSION SYSTEMS®

NISSAN 2016-18 Titan Rear Bumper

Thank you for choosing Rough Country for all your vehicle needs.

Please read instructions before beginning installation. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go.

If question exist, please call us @1-800-222-7023. We will be happy to answer any questions concerning this product.

Check all fasteners for proper torque. Check to ensure for adequate clearance between all components.

Periodically check all hardware for tightness.+

Please not this rear bumper does not accommodate the factory PSM

KIT CONTENTS:

Rear Bumper x1
 Pass Side Mounting Bracket x1
 Driver Side Mounting Bracket x1
 License Plate Plugs x2
 Side Spacers (w-o Hitch Only) x2
 Bottom Spacers (w-o Hitch Only) x2
 Sensor Plugs x4
 Foam Spacers x4
 Sealing Washers x4
 Retaining Rings x4

TOOLS NEEDED:

Ratchet
 T45 Torx Bit
 Pliers
 2.5mm Allen Wrench
 Tape Measure
 Paint Marker
 10mm Socket
 17mm Socket
 19mm Socket

HARDWARE INCLUDED:

Cable Ties x10
 12mm Double Nut Plate x2
 12-1.75mm x 40mm Hex Bolts x4
 12mm Flat Washers x4
 12mm Lock Washers x4
 4mm x 10mm Button Head Bolts x8



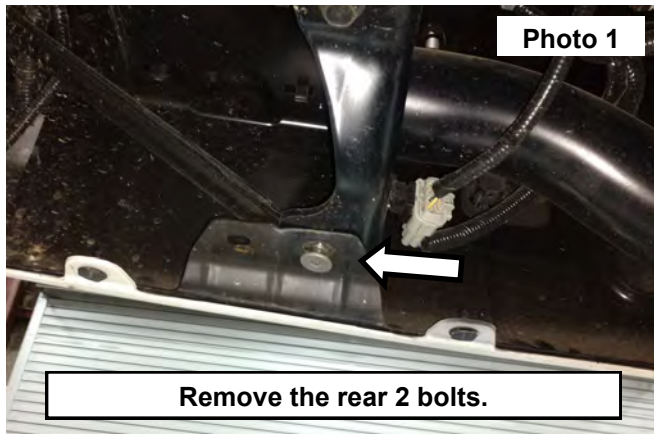
Torque Specs:

Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16"	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8"	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16"	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2"	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16"	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8"	135ft/lbs	175ft/lbs	16MM	130ft/lbs	165ft/lbs
3/4"	185ft/lbs	280ft/lbs	18MM	170ft/lbs	240ft/lbs



INSTALLATION INSTRUCTIONS

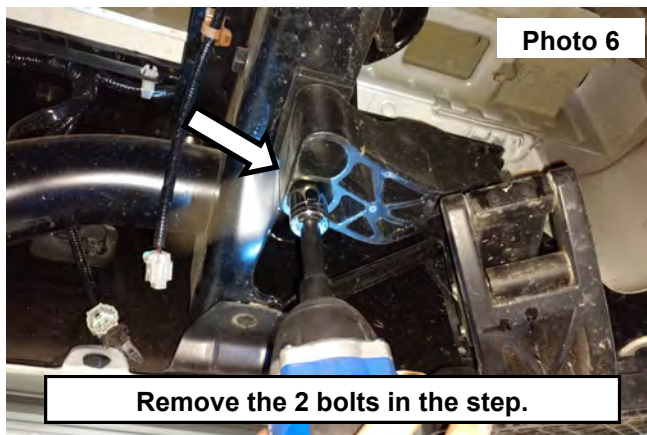
1. Remove the 2 lower bolts under the rear bumper using a T45 Torx bit. **See Photo 1.**
2. Disconnect the plugs from the rear bumpers wiring harness. **See Photo 2 & 3.**



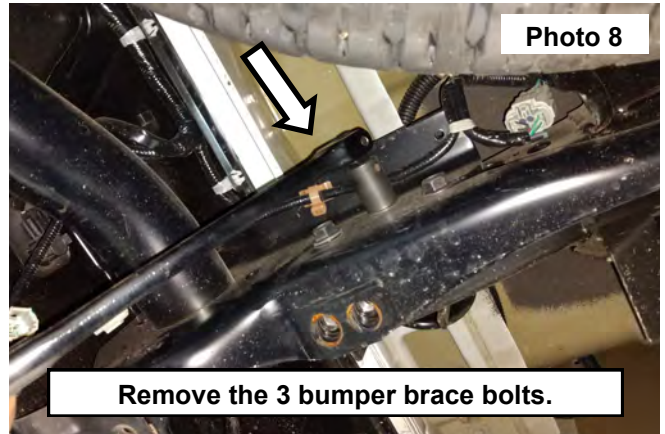
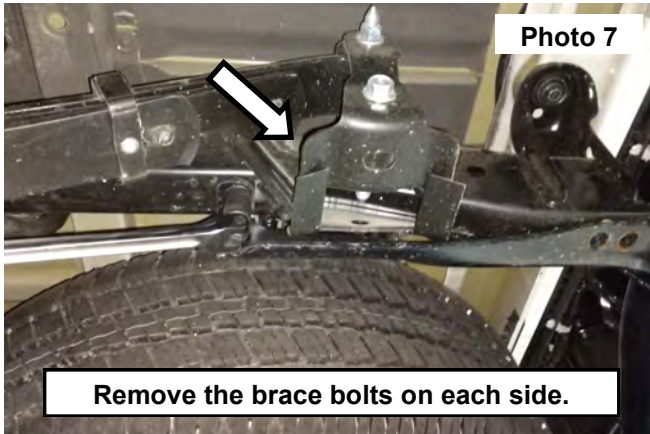
3. Disconnect the trailer plug from the bumper. **See Photo 4.**



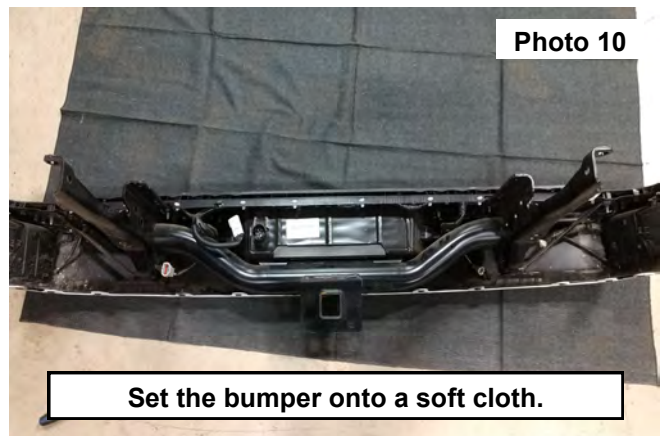
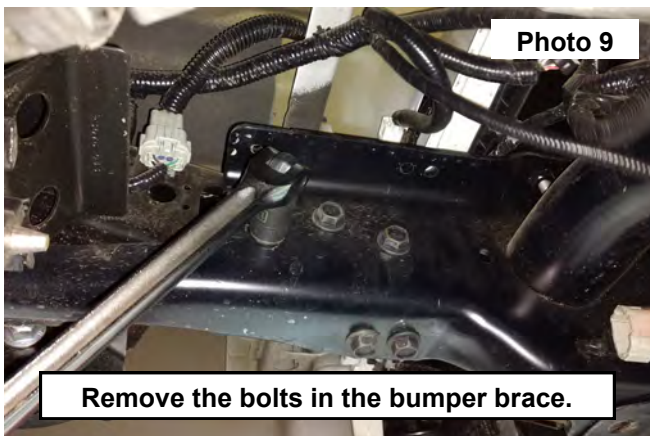
4. If factory equipped, remove the upper bolt from the bed securing the bumper step using a 10mm socket. **See Photo 5. If not factory equipped with rear steps, please continue to Step 7.**
5. Remove the 2 bolts in the bumper step using a 17mm socket. **See Photo 6.** Retain hardware.
6. Remove the steps from the vehicle.



7. Use a jack in the center of the hitch to support the bumper when removing the bolts in the following steps.
8. Remove the bumper brace bolts on both sides of the vehicle using a 17mm socket. **See Photo 7.** Retain hardware.
9. Remove the 3 driver side bumper brace bolts using a 17mm socket. **See Photo 8.** Retain hardware.



10. Remove the 2 bolts on the bottom and the 3 bolts on the inside of the frame mount using a 17mm socket. **See Photo 9.** Retain hardware.
11. Remove the bumper from the vehicle and set it on a soft cloth for disassembly. **See Photo 10.**

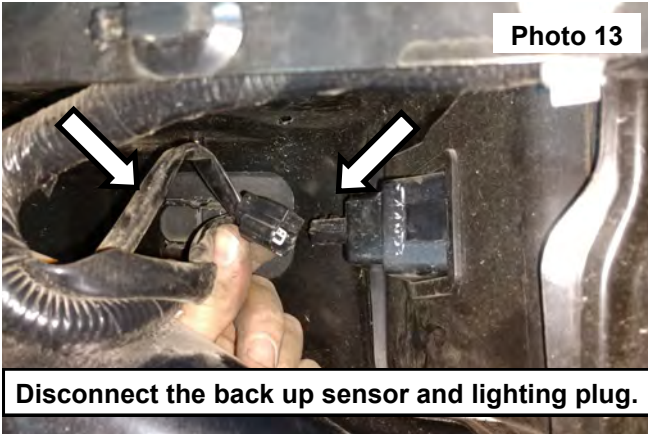


12. Use a pry tool to release the tabs on each side of the trailer plug. Then remove the plug from the bumper. **See Photos 11 and 12.** Retain plug.



13. Disconnect the license plate wires and the rear back up sensors from the wiring harness. **See Photo 13.**

14. Using pliers release the tabs on the bottom of the bumper pad. **See Photo 14.**



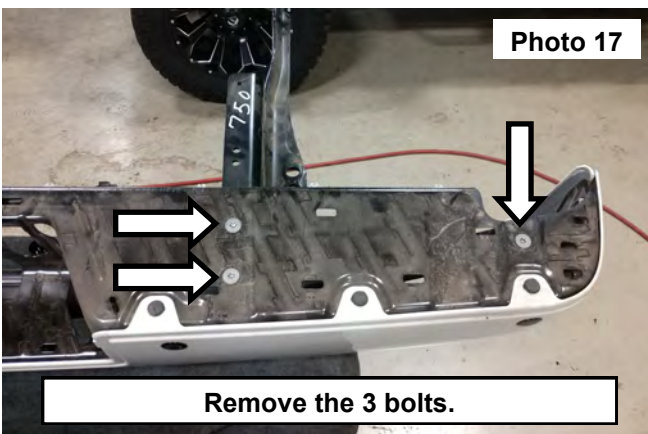
15. Lift up on the top pad and remove the pad from the bumper. **See Photo 15.**

16. Remove the wiring harness from the bumper. **See Photo 16.**

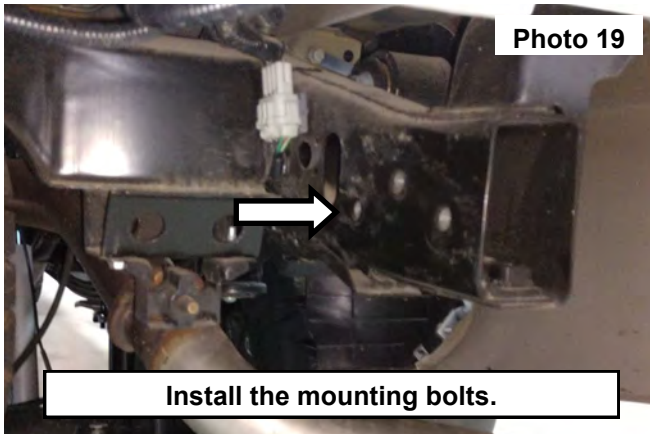


17. Using a T45 Torx bit remove the 3 bolts in the top on each side of the bumper. **See Photo 17.**

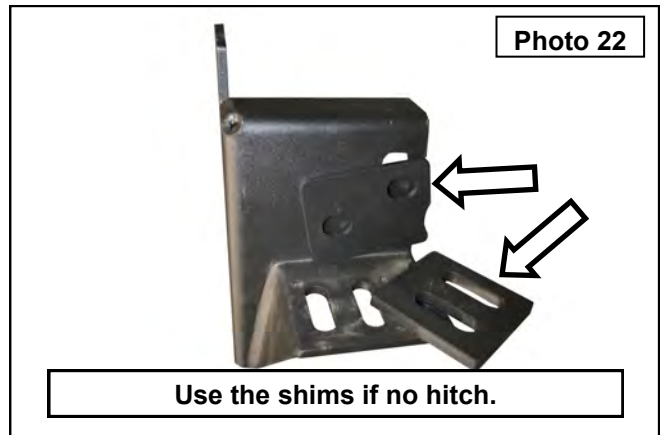
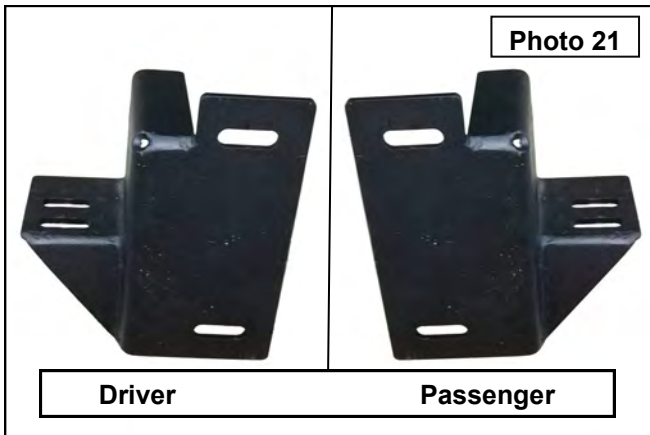
18. Remove the hitch from the bumper. **See Photo 18.**



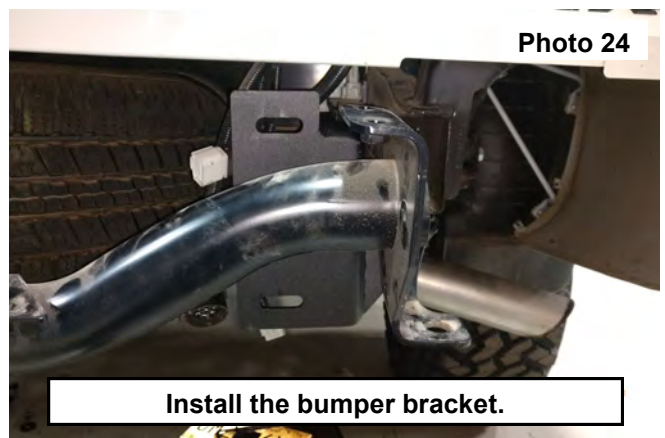
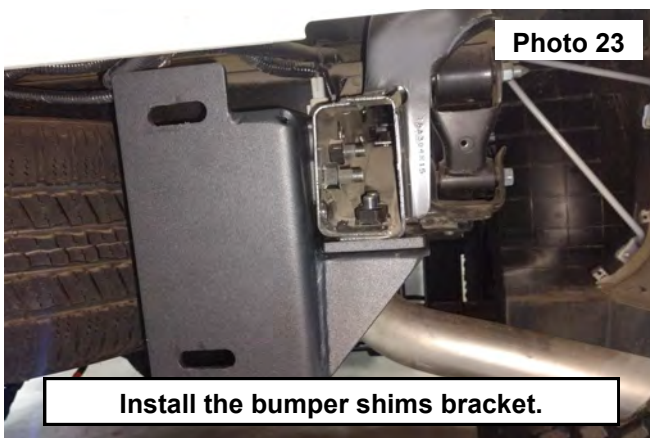
19. Install the OE bolt in the 3rd mounting hole in the frame the frame. Then slide the hitch over the mounting bolts. See **Photos 19 and 20.**



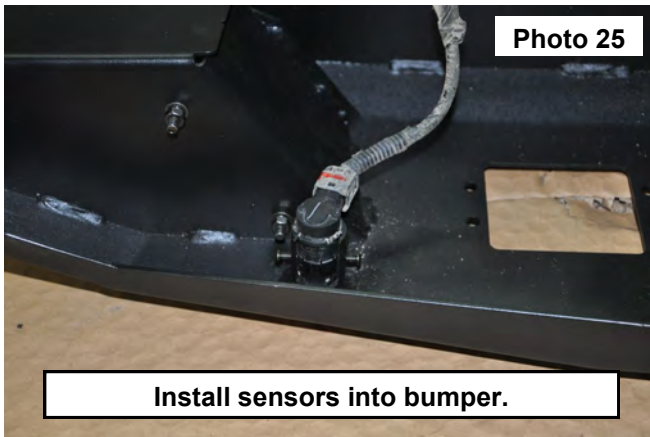
20. Locate the Driver and Passenger bumper brackets to install onto the hitch. See **Photo 21.**
21. **NOTE:** If the hitch is not installed use the shims in-between the bumper bracket and the frame. See **Photos 22 and 23.**



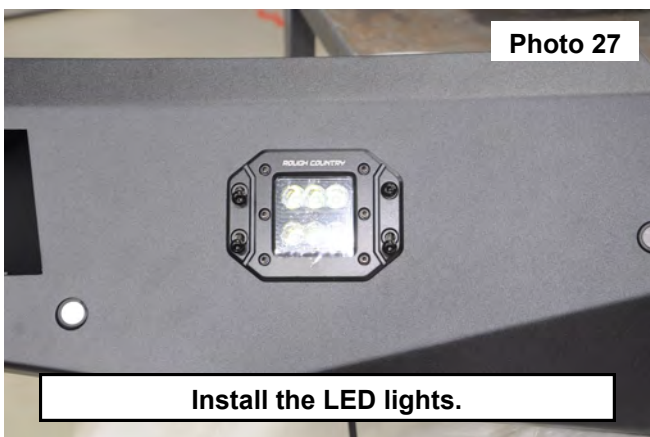
22. Install the bracket to the inside of the hitch and secure using the 2 OE bolts on the bottom and the 3 OE bolts on the side of the frame. See **Photos 24.**



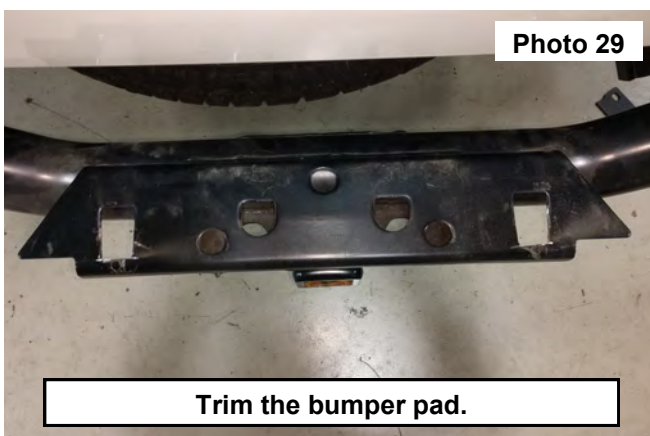
23. If the rear bumper is not equipped with sensors install the plugs into the bumper.
24. If equipped remove the sensors from the rear bumper. Then install into the new bumper and secure using the supplied 00mm bolts using a 2.5mm allen wrench. Take care not to damage the sensors when tightening the bolts. **See Photo 25.**
25. Install the trailer plug and the license plate lights into the bumper. **See Photo 26.**
26. Install the bumper wiring harness and connect to the sensors and the license plate lights.



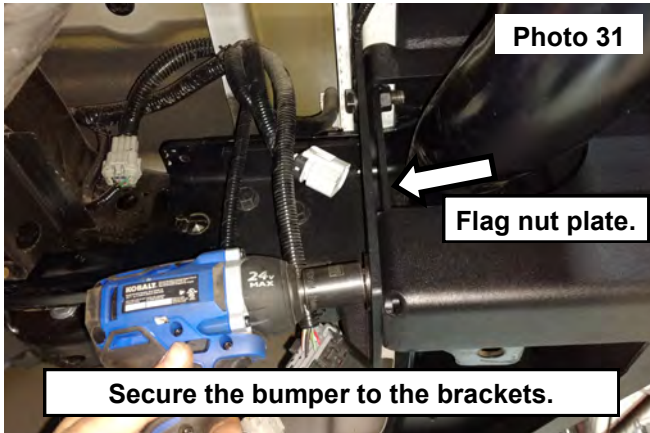
27. Install the LED flush mount lights into the rear bumper using the supplied hardware in the light kit. **See Photo 27.**
28. Use the width of the opening in the bumper pad mark 1" from the edge of the hole. **See Photo 28.**



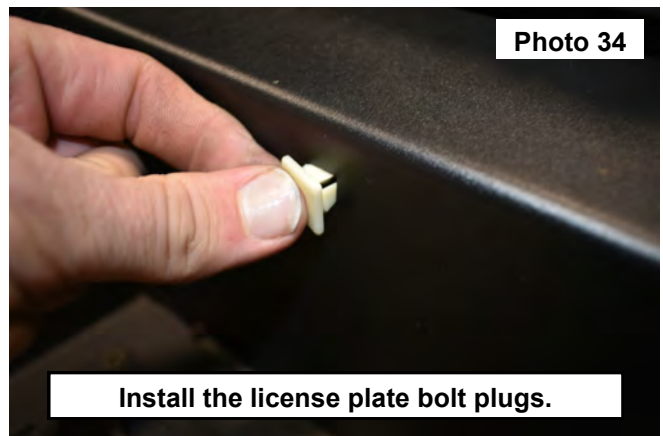
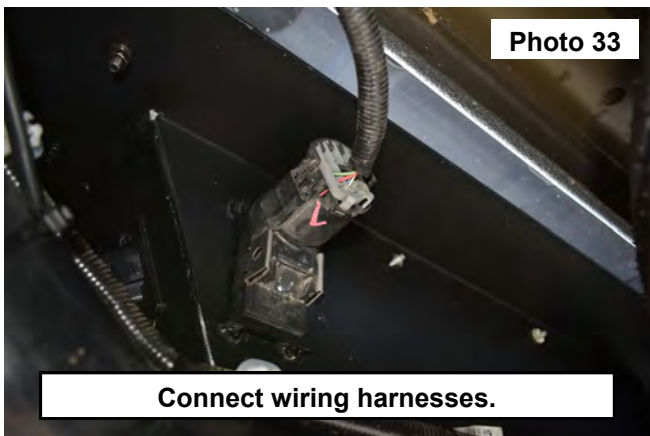
29. Repeat step 29 on the opposite side of the bumper pad of the hitch. Then sand any rough edges and use a color match paint to prevent rust. **See Photo 29.**
30. Install the bumper onto the vehicle. **NOTE:** Use jack stands to support the bumper while the hardware is installed. **See Photo 30.**



31. Secure the bumper onto the bumper brackets using the supplied flag nut plate. Install the flag nut plate on the inside of the bumper then secure the flag nut plate using (2) of the supplied 12mm-1.75mm x 40mm Hex Bolts, (2) 12mm Lock Washers and (2) 12mm Flat Washers . **See Photo 31.**
32. Make the final adjustments to the bumper . Then tighten using a 19mm socket. **See Photo 32.**



33. Install the wiring harness supplied with the LED light kit using the corresponding instruction sheet supplied with the light kit.
34. Connect the sensor wiring harness and the trailer light wiring harness to the bumpers trailer plug. **See Photo 33.**
35. Install the license plate plugs. **See Photo 34.**



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