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Rough Country 10648 Installation Instructions

Tubular Rear Bumper for Jeep Wrangler JL (2018-2025)

Part number: 10648

trailfortress.com/tubular-rear-bumper-jeep-wrangler-jl-rough-country-10648

Scan for fitment, price and install help

ROUGH COUNTRY
SUSPENSION SYSTEMS®

921064800

JEEP 2019-20 JL Rear Tube 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.

KIT CONTENTS:
2” Flush Mount LED Light Kit x1
Pass Side Double Nut Plate x1
Bumper x1
D-rings x2
License Plate Mount x1
Sensor Bumper Mounts x4

TOOLS NEEDED:
13mm Socket
16mm Socket
21mm Wrench and Socket
Pry Tool
Phillips Screw Driver
Flat Head Screw Driver
6mm Allen Wrench

HARDWARE INCLUDED:
8mm x 25mm Button Head Bolts x2
8mm Flat Washers x4
8mm Lock Nuts x2
14mm x 40mm Hex Head Bolts x2
14mm Lock Washers x2
14mm Flat Washers x2



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

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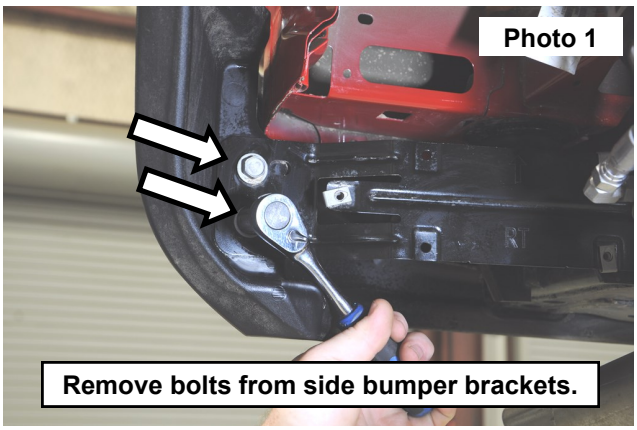
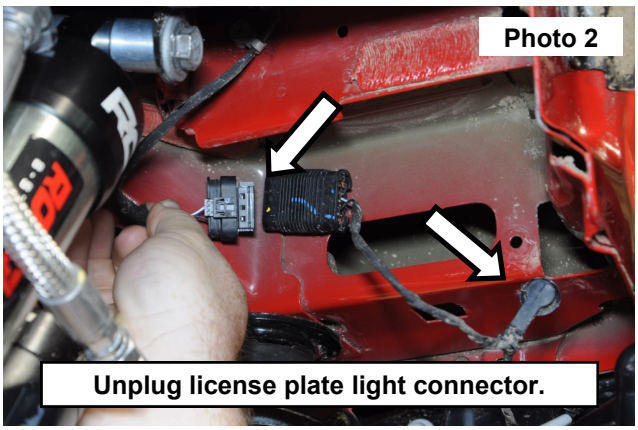
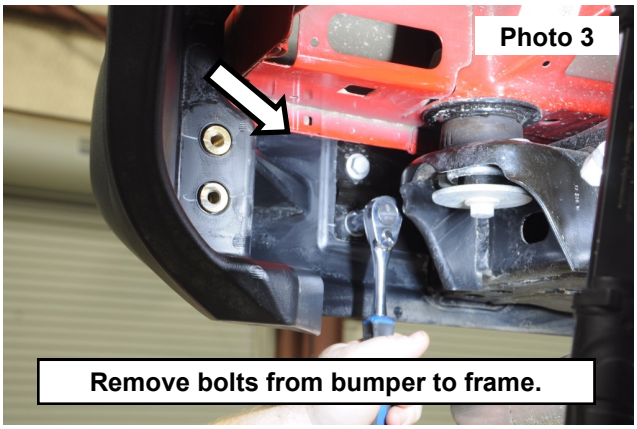
INSTALLATION INSTRUCTONS

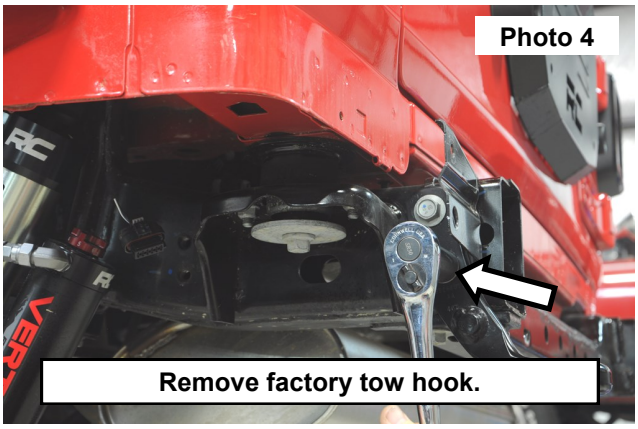
1. Remove the inner fender cover from bumper bracket using 8mm.
2. Using a 16mm socket remove the bolts from the side bumper brackets. **See Photo 1.**
3. On driver side unplug the license plate light connector and remove plastic pin from the body. **See Photo 2.**
4. Unplug the rear proximity sensors if factory equipped.



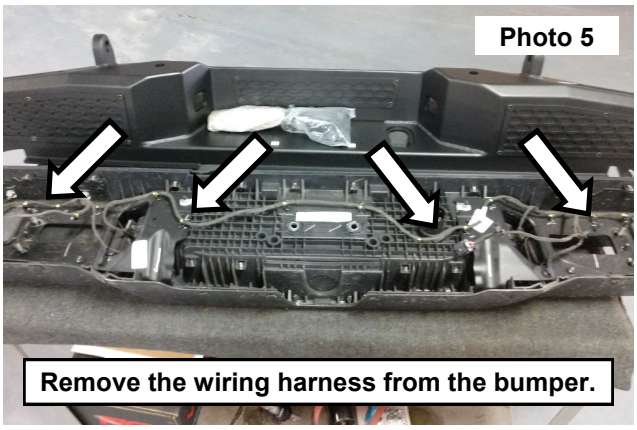


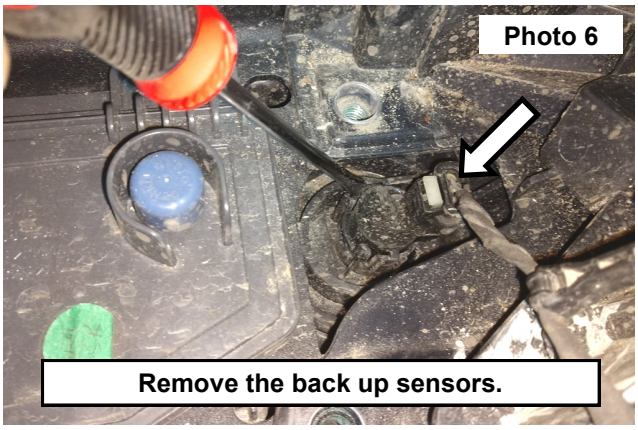
5. Remove the bolts from bumper to frame using a 16mm socket. **See Photo 3.** Remove bumper from the Jeep.
6. Remove factory tow hook and both bumper-frame brackets using a 18mm socket for the 4 bolts and a 21mm socket for passenger side bolts. **See Photo 4**.



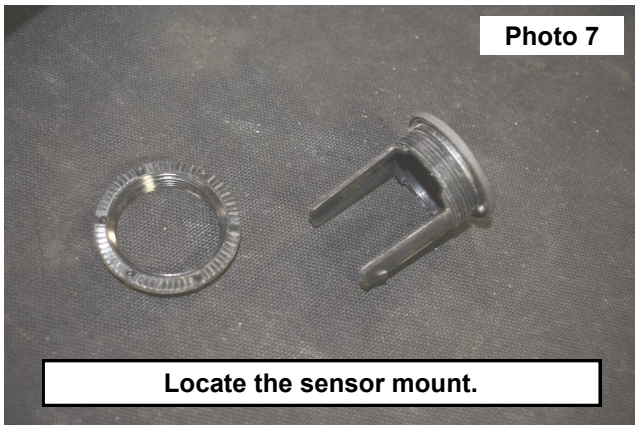


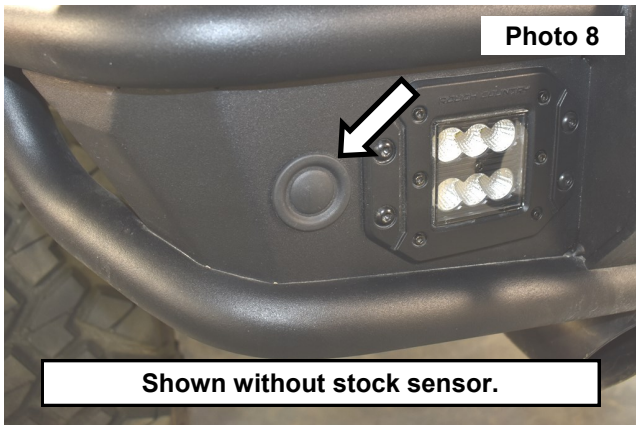
7. Unclip the wiring harness from the back up sensors and the license plate lights. Then remove the wiring harness from the bumper. **See Photo 5**.
8. Using a flat head screw driver unclip and remove all back up sensors from the bumper. **See Photo 6.**





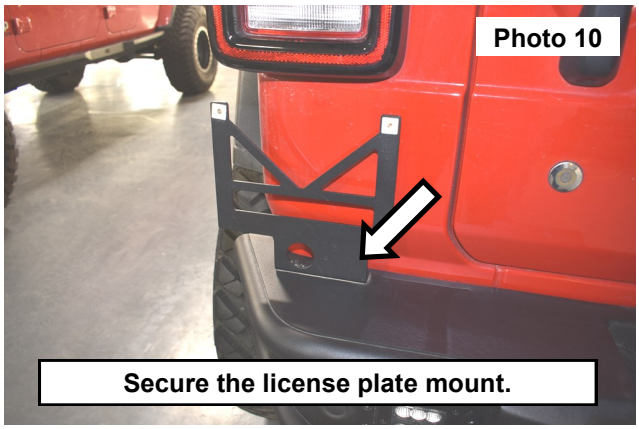
9. Locate the (4) sensor mounts and install into the bumper. Then thread the nut onto the sensor mount to secure. **See Photo 7.**
10. If not equipped with OE back up sensors the sensor mount center cap will remain installed. **See Photo 8.**



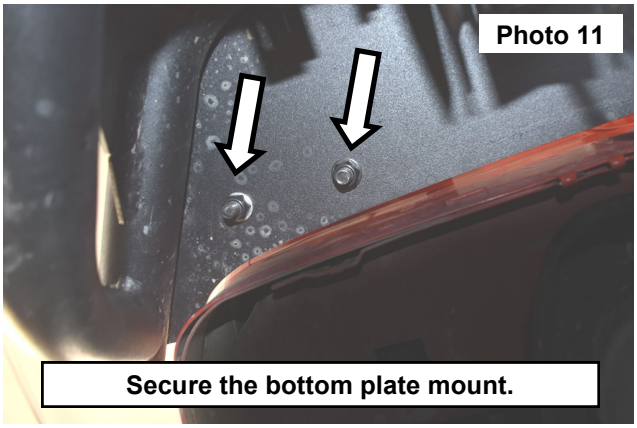


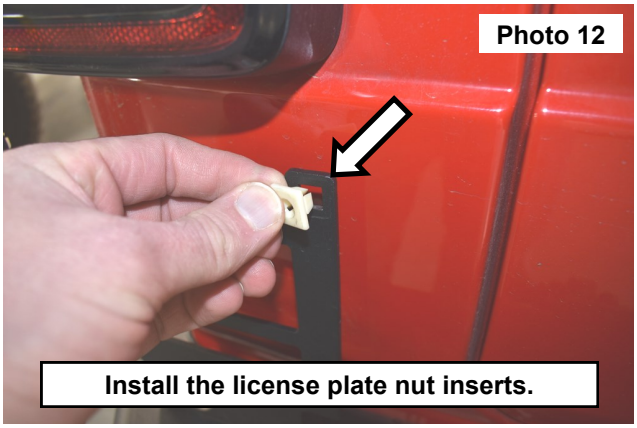
11. If equipped with OE sensors. Install the (4) OE sensors into the sensor mounts on the bumper. Then install the wiring harness to the bumper and connect to the sensors. For reference, **Photo 9** shows the stock sensor installed in the mount. ***The sensor mount will need to be installed in the bumper before the sensor is installed in the mount.***
12. Install the license plate bracket onto the bumper. Secure using (2) of the supplied 8mm button head bolts (4) 8mm flat washers and (2) 8mm lock nuts. Tighten using a 6mm allen and 13mm socket. **See Photos 10 and 11.**





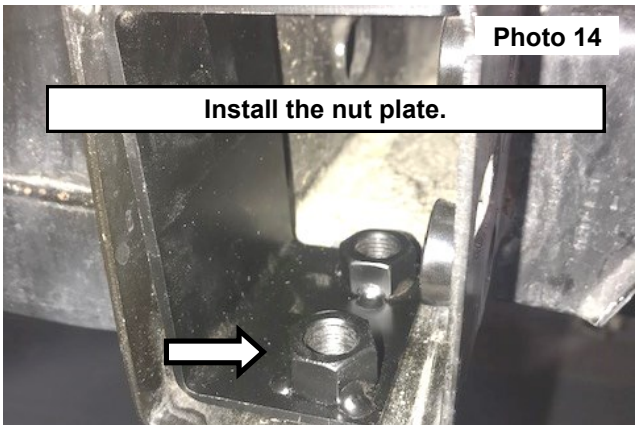
13. Install (2) of the supplied license plate nut inserts into the bracket. **See Photo 12.**



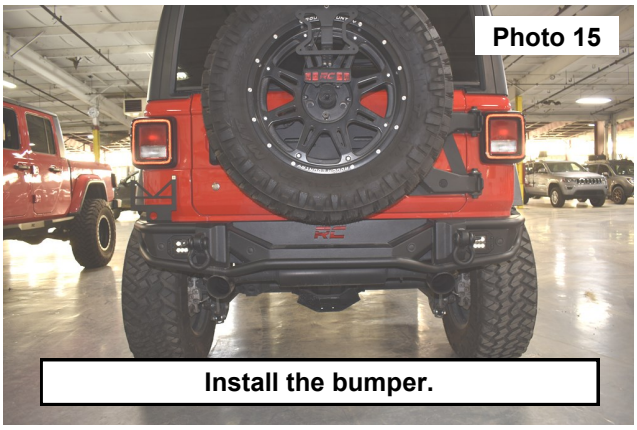


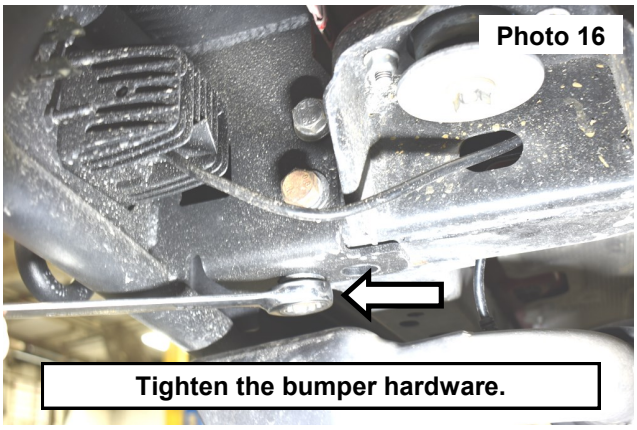
14. Install the 2” flush mounted lights into each side of the bumper using (4) of the supplied button head bolts, (4) hex nuts with the light kit. **See Photo 13.**
15. Insert the double nut plate into the passengers side frame as shown. **See Photo 14.**





16. Support the bumper. Then install onto the frame mounts on each side of the vehicle. **See Photo 15.**
17. Secure each side of the bumper using the factory hardware and the supplied qty two 14mm bolts in the passengers side. Tighten using a 21mm wrench. **See Photo 16.**





18. Install (2) of the supplied D-rings onto the rear mounts of the bumper. **See Photo 17.**



19. Connect the back up sensor wiring harness.

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