Rough Country 10785 Installation Instructions

LED Front Bumper for Ram 2500 and 3500 (2011-2018)

Part number: 10785

trailfortress.com/rough-country-front-bumper-10785

Scan for fitment, price and install help

921107850

ROUGH COUNTRY SUSPENSION SYSTEMS®

2010-18 RAM 2500 FRONT 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:
1– Front Bumper
1– Drivers Side Bracket
1– Passengers Side Bracket
1-License Plate Bracket
2—Sets of 2" Cube LED'S
1-20" LED Light

TOOLS NEEDED:
15mm wrench or socket
19mm wrench and socket
22mm wrench and socket
Ratchet
2.5 Allen Wrench

HARDWARE INCLUDED:
12-4mm x 10mm Button Screw
4-6mm Flat Washer
2-6mm x 20mm Button Screw
2-6mm Lock Nut
4-8mm Lock Washer
6-8mm Flat Washer
2-8mm Hex Nut
2-8mm x 16mm Hex Bolt
2-8mm x 25mm Hex Bolt
6-12mm x 40mm Hex Bolt
8-12mm x 50mm Hex Bolt
16-12mm Flat Washer
8-12mm Lock Washer
12-12mm Flat Washer
6-12mm Lock Nut
8-12mm Hex Nut

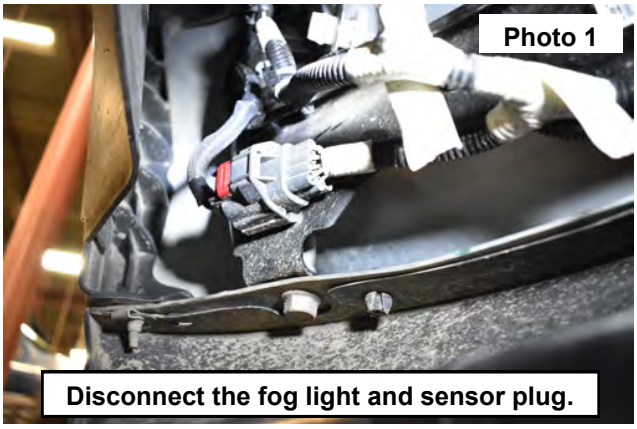


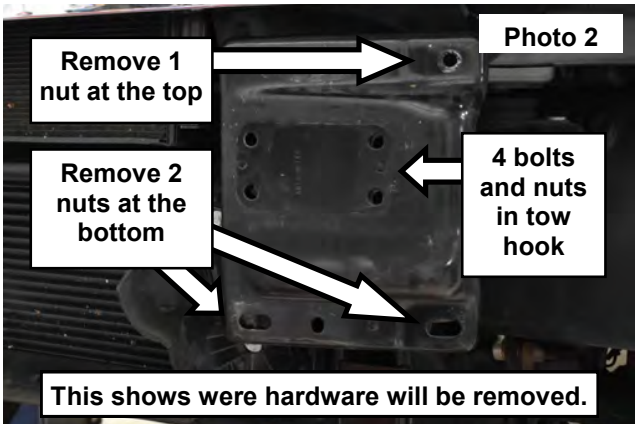
Torque Specs:

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

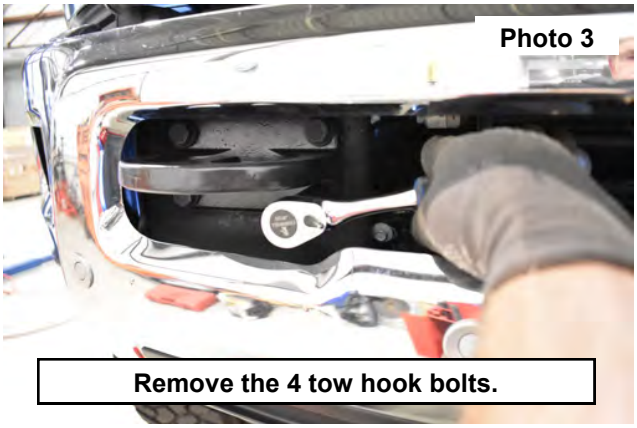
INSTALLATION INSTRUCTONS

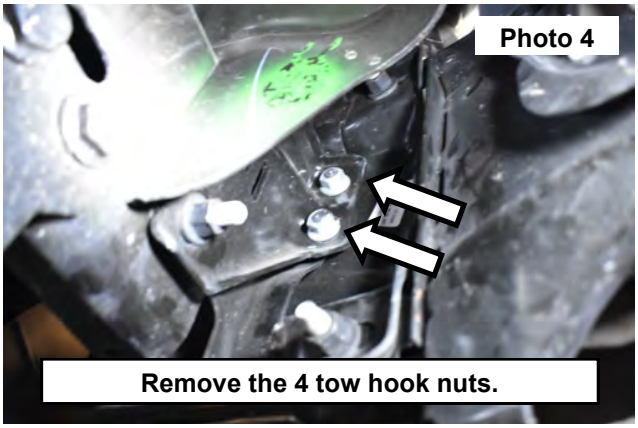
1. If factory equipped, disconnect the plug for the fog lights and the proximity sensors on the front bumper. **See Photo 1.** Release all push pins securing the wiring harness to the bumper.
2. **For Reference**—Photo 2 shows the bumper removed and is labeled to easier locate the location of the bolts and nuts that need to be removed. **See Photo 2.**



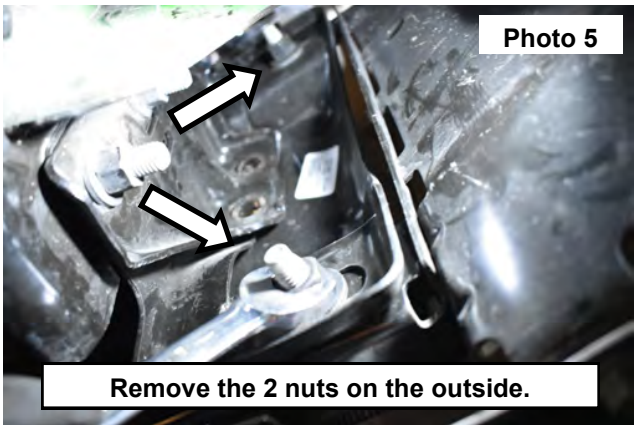


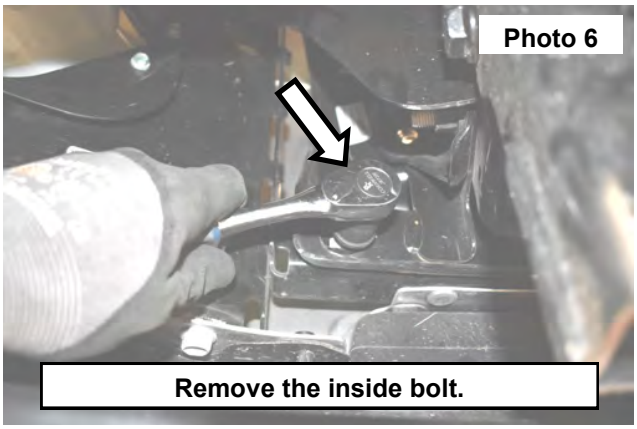
3. Remove the 4 bolts and nuts from the tow hook using a 18mm wrench and socket. **See Photo 3 and 4.**





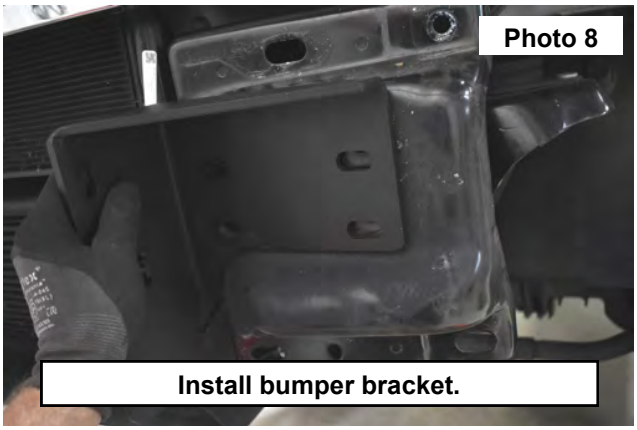
4. Remove the 2 nuts on the outside of the back side of the bumper bracket using a 18mm socket. **See Photo 5.**
5. Remove the nut on the inside of the bumper mount using a 18mm socket. **See Photo 6.**



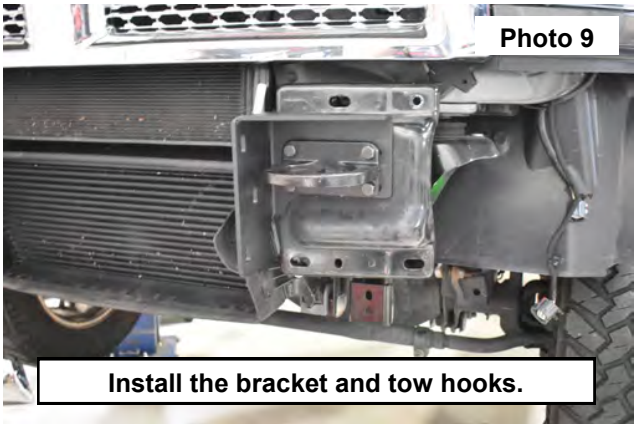


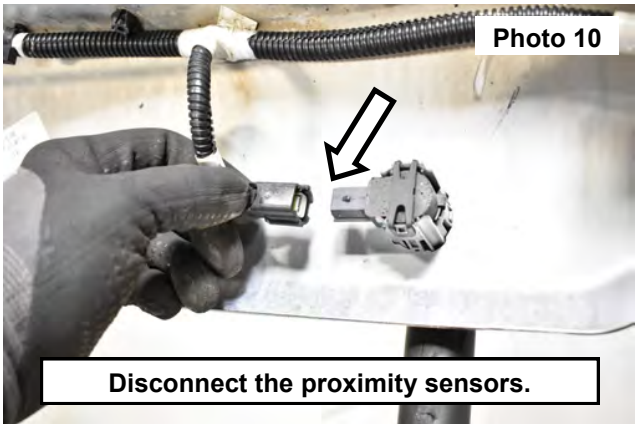
6. Repeat steps 3 through 5 on the opposite of vehicle and remove the front bumper. **See Photo 7.** Set bumper aside.
7. Locate the drivers side bumper mount, the new mount will mount the bumper on the inside of the vehicle. **See Photo 8.**



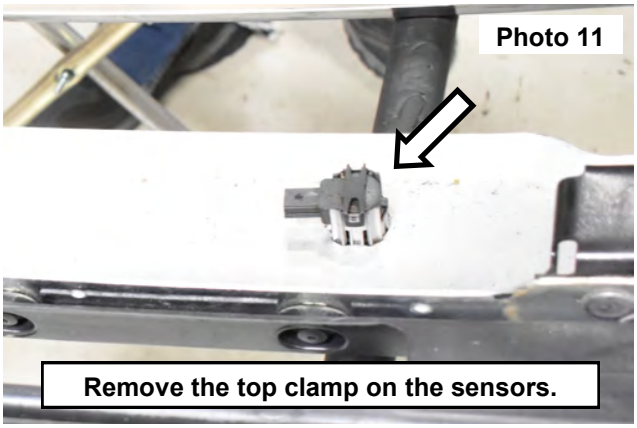


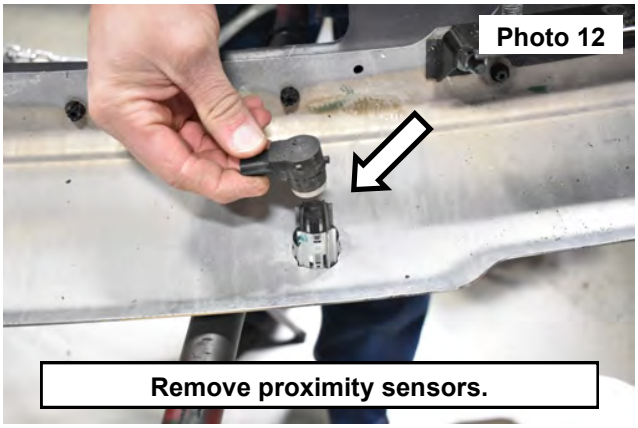
8. Install the bumper bracket and the tow hook on the drivers and passengers side using the supplied 12mm x 50mm bolts, washers, lock washers and nuts. **See Photo 9.** Hand tighten.
9. If factory equipped, disconnect the proximity sensors on the front bumper. **See Photo 10.**





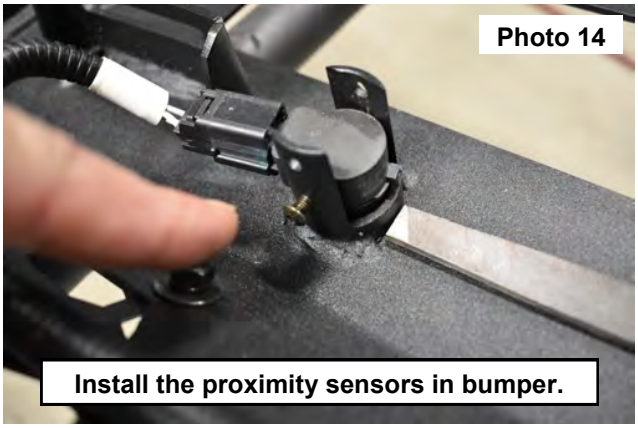
10. Remove the clip that secures the proximity sensors onto the clip in the bumper. **See Photo 11.** The clip will not be reused.
11. Release the clips on the side of the proximity sensor and pull straight up from the housing in the bumper. **See Photo 12.**



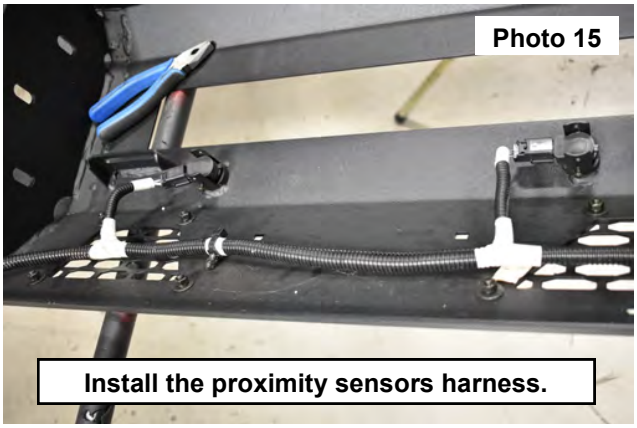


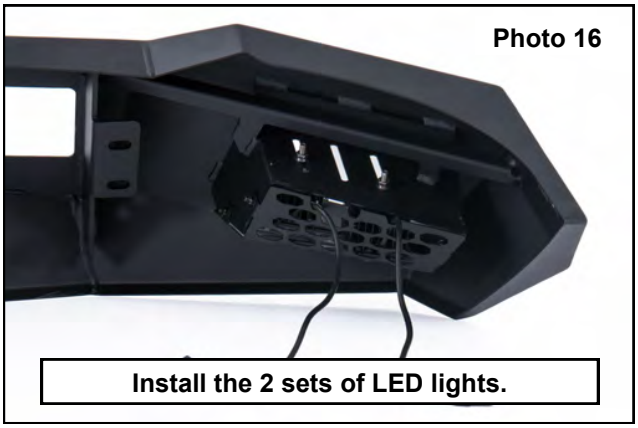
12. Release the fog light and the proximity sensors wiring harness from the stock bumper. **See Photo 13.** Save for later use on the new bumper.
13. Install the proximity sensors into the new bumper using the supplied 4mm button head bolts to secure the sensor to the bumper. Slightly tighten using a 2.5 allen wrench enough to retain the sensors in the mount. **See Photo 14.**



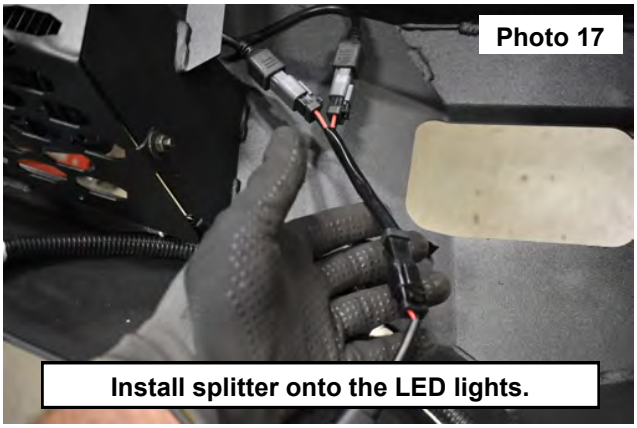


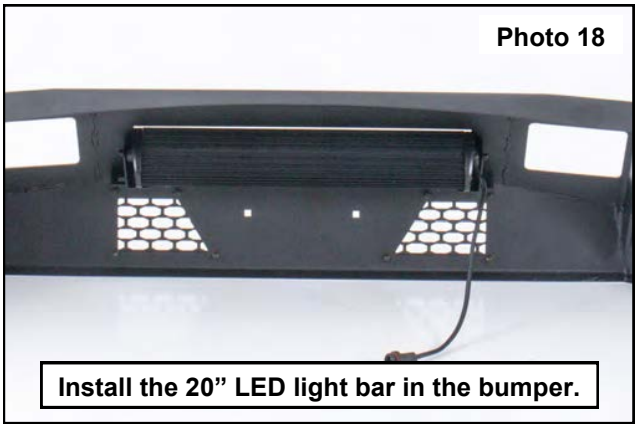
14. Install and secure the wiring harness onto the new bumper. Connect the 6 proximity sensors. **See Photo 15.**
15. If not factory equipped with proximity feature, install the rubber plugs and plastic retainer clips in the bumper.
16. Install the 2 sets of 2” square LED lights into the new bumper with the supplied hardware include in the light kits. **See Photo 16.**





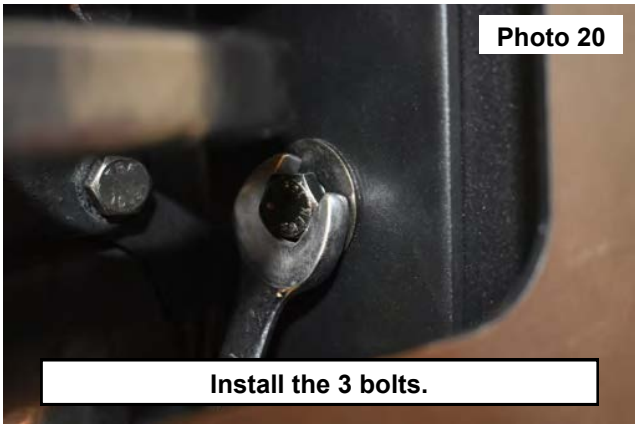
17. Install the supplied 2 to 1 adapter on the LED lights as shown in **Photo 17** and install the harness supplied with the new lights using those corresponding instruction sheets.
18. Install the 20” LED light bar into the center of the new bumper using the hardware included with the corresponding light kit. **See Photo 18.**



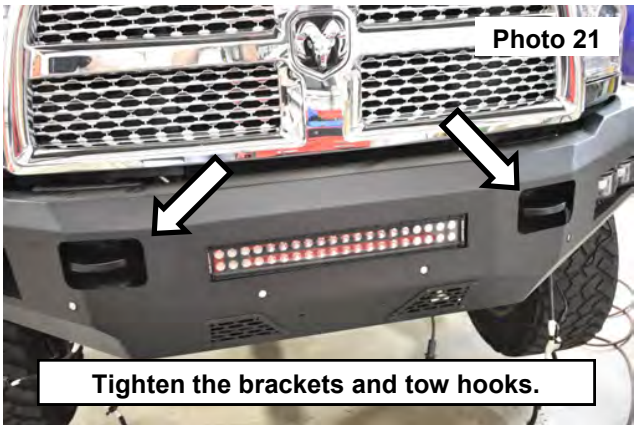


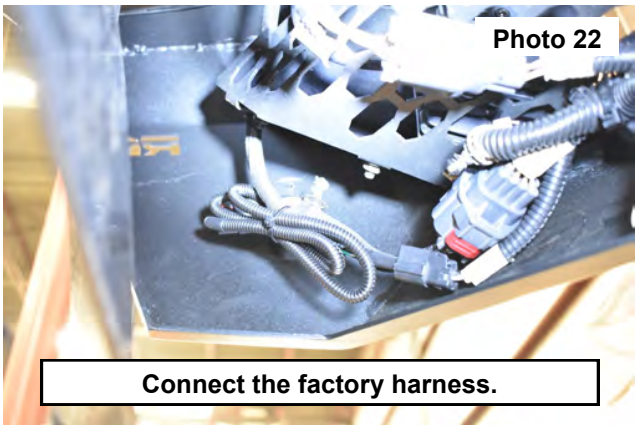
19. Install the new bumper using the supplied 12mm x 40mm bolts washers lock washers and nuts into the bumper and the new bumper brackets. **See Photo 19.**
20. Align the bumper with the bottom of the bumper and head lights. Torque to 55 ft-lbs using a 19mm wrench and socket. **See Photo 20.**





21. Torque the bumper brackets and tow hook to the frame mount to 85ft-lbs using an 18mm socket and wrench. **See Photo 21.**
22. Connect the harness to the 20” LED light bar wiring harness and hook to power source using the corresponding instruction sheets with those kits.
23. If factory equipped re-connect the proximity sensors wiring harness into the factory plug. **See Photo 22.**







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