

GM 2011-18 2500/3500 Rear Bumper

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

▲ NOTICE

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 the design, function, and correct use of our products.

Tools Needed:

10mm Socket / Wrench
13mm Socket / Wrench
17mm Socket / Wrench
21mm Socket / Wrench

Supplied Allen Wrenches:

2.5MM
4MM

Kit Contents

Rear Bumper	10mm Lock Washer (2)
Flag Nuts (2)	10mm Flat Washer (4)
Bag Containing:	10mm Hex Nut (2)
Bumper Plugs/Retainers-4	10mm Hex Bolt (2)
Zip Ties (4)	12mm Lock Washer (4)
Allen head Sensor bolts (4)	12mm Flat Washer (4)
License Plate inserts (2)	12mm Hex Bolt (4)
Plastic flag nut retainers (4)	14mm Flat Washer (12)
4mm Button Head Screws(8)	14mm Nylon Lock Nut (6)
6mm flat washer (10)	14mm Hex Bolt (6)
6mm Button head screw (5)	Self Tapping Screws (2)
6mm Nylock Nut (5)	LED License Plate Lights (2)



NOTICE: LED light wiring will be performed referencing instructions included with those applicable kits

INSTALLATION INSTRUCTIONS

1. Unplug the factory 7 way plug and proximity sensors.
2. Remove the factory rear bumper.
3. Remove the factory 7 way plug and proximity sensors from the factory bumper.
4. Sand the ears off of all of the factory proximity sensors. **See Photos 1 & 2.**

PHOTO 1

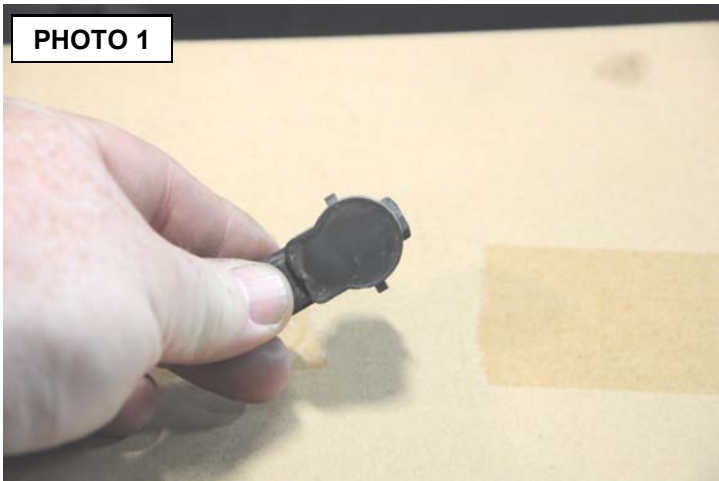
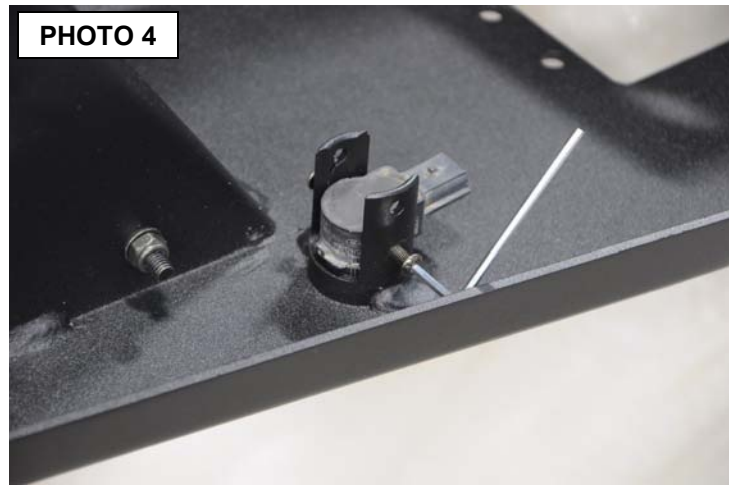


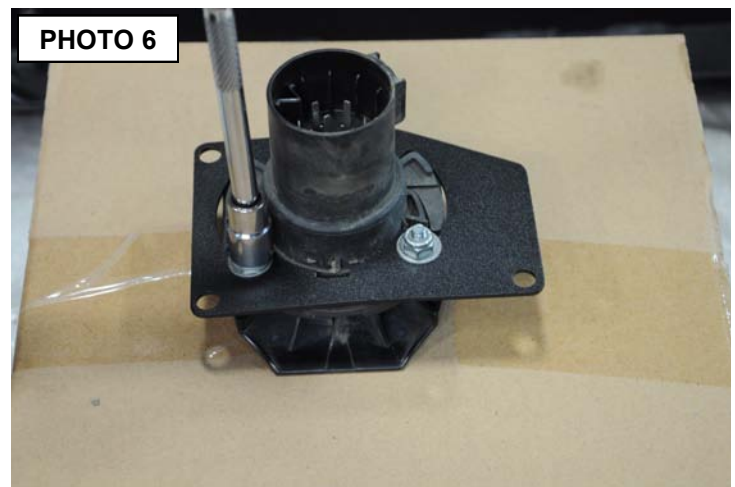
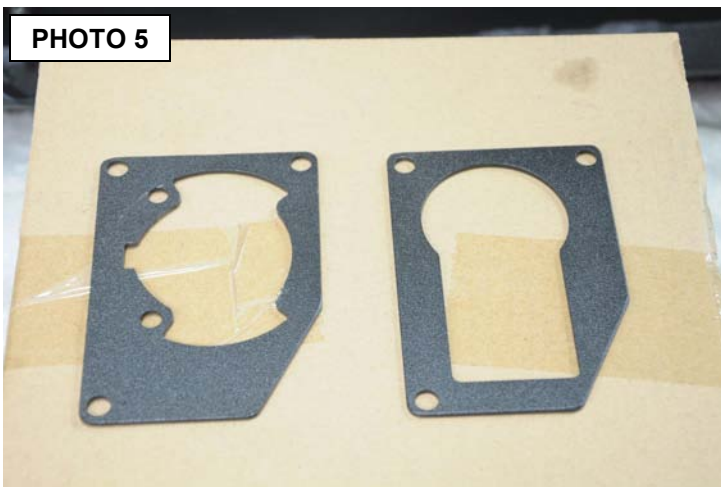
PHOTO 2



5. Install the rubber covers on all of the proximity sensors. **See Photo 3.**
6. Install the proximity sensors in the supplied bumper using the supplied 4mm bolts and tighten using the supplied Allen wrench. **See Photo 4.**



7. Determine the correct bracket for your 7 way trailer plug. **See Photo 5.**
8. Install the correct bracket on the 7 way trailer plug using the supplied 6mm hardware. Tighten using a 10mm wrench and socket. **See Photo 6.**



9. Install the 7 way plug and bracket onto the bumper using the supplied 6mm bolts, nuts, and washers. Tighten using a 10mm socket and Allen wrench. **See Photo 7.**
10. Install the supplied LED lights using the supplied (with the light) hardware. Tighten using the supplied Allen and a 10mm wrench. **See Photo 8.**
11. Install the supplied plastic clips for the license plate.



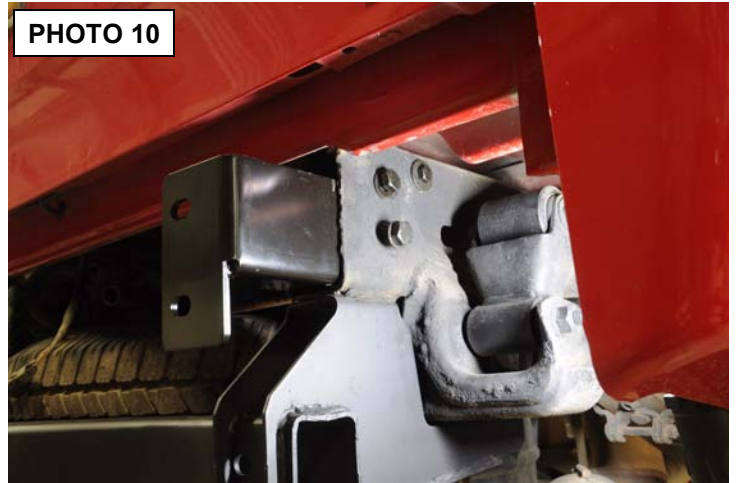
12. Locate the supplied bumper brackets. **See Photo 9.**

13. Install the supplied bumper brackets using the supplied 14mm hardware and the supplied 10mm hardware. **See Photo 10.**

PHOTO 9



PHOTO 10



14. Tighten the 14mm hardware using a 22mm socket and wrench. Torque to 85ft/lbs. **See Photo 11.**

15. Tighten the 10mm hardware using a 16mm socket and wrench. Torque to 32ft/lbs. **See Photo 11.**

16. Install the supplied metal tube over the spare tire hoist tube. **See Photo 12.**

PHOTO 11



PHOTO 12



17. Install the bumper assembly using the supplied flag nut and the 4 12mm bolts. Tighten using a 19mm wrench. Adjust the bumper for desired fit. **See Photo 13.**

18. Plug in proximity sensors and 7 way trailer plug. **See Photo 14.**

PHOTO 13



PHOTO 14



19. Attach the spare tire hoist guide tube to the bumper using the supplied hardware. Tighten using the supplied Allen. See **Photo 15**.



Torque Specs:

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

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