

ROUGH COUNTRY

SUSPENSION SYSTEMS®

RAM 2019-22 1500 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.

10808: Bumper Box

Front Bumper x1
 Driver/left side Frame Bracket x1
 Passenger/right side Frame Bracket x1
 Driver/left side LED "L" Bracket x1
 Passenger/right side LED "L" Bracket x1
 License Plate Bracket x1

Front Bumper Mounting Hardware:

License Plastic Plugs x2
 Sensor Retaining Caps x6
 20mm x 10mm Foam Spacers x6
 15.5mm x25mm x2mm Foam Washers x6
 Sensor Hole Plugs x6
 Sensor Cover Kit x1
 20" Double Row LED light x1
 2" LED square light x1
 12 x 35mm Hex Bolts x6
 12mm Flat Washers x12
 12mm Lock Washers x6
 12mm Hex Nuts x6
 10mm 35mm Hex Bolts x6
 10mm Flat Washers x12
 10mm Lock Washers x6
 10mm Hex Nuts x6
 8 x 25mm Hex Bolts x2
 8 x 16mm Hex Bolts x2
 8mm Flat Washers x6
 8mm Lock Washers x4
 8mm Hex Nuts x2
 6mm x20mm Button Head Bolts x2
 6mm Flat Washers x4
 6mm Nylon Lock Nuts x2
 4mm Self Tapping Screws x12
 4mm Wrench x1
 2.5mm Wrench x1

10808BOX2

Skid Plate x1
 Driver/left side Bracket x1
 Passenger/right side Bracket x1

Skid Plate Mounting Hardware

4mm Wrench x1
 6mm Flat Washer x9
 6mmx25mm Button Screw x7
 6mm Lock Nut x2
 8mm Flat Washer x4
 8mm Lock Nut x4

TOOLS NEEDED:

5/32 Allen Wrench
 8mm Wrench or Socket
 10mm Wrench or Socket
 13mm Wrench or Socket
 16mm Wrench or Socket
 15mm Wrench or Socket
 18mm Wrench or Socket

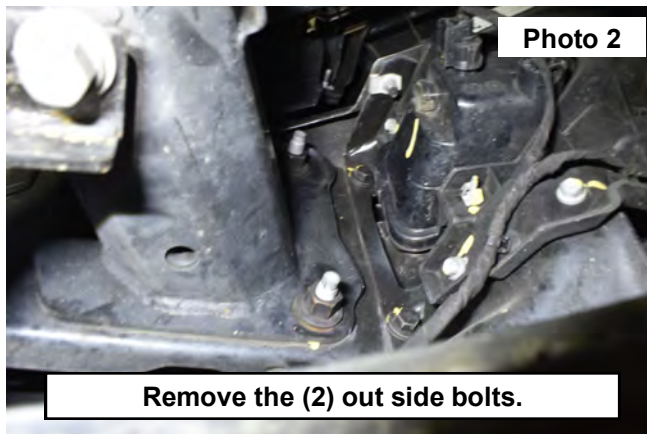
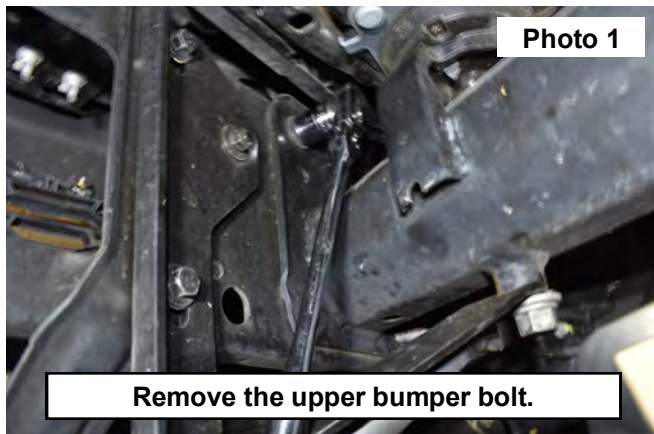
Torque Specs:

| 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. Disconnect the fog light/sensor vehicle wiring harness from the bumper.
2. Remove the upper nut using and the lower brace bolt using an 18mm socket. **See Photo 1.**
3. Support the bumper. Remove the (2) out side bolts from the frame mount using a 18mm socket. **See Photo 2.**



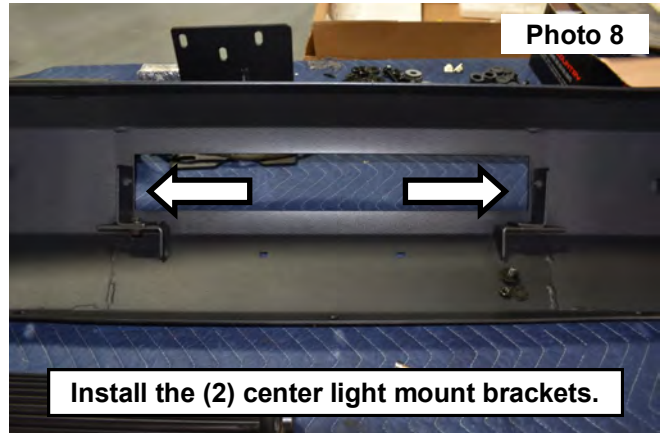
4. Disconnect the fog light wiring harness. **See Photo 3.**
5. Remove the (5) bolts from the fog light mount, then remove the fog light from the bumper. **See Photo 4.**



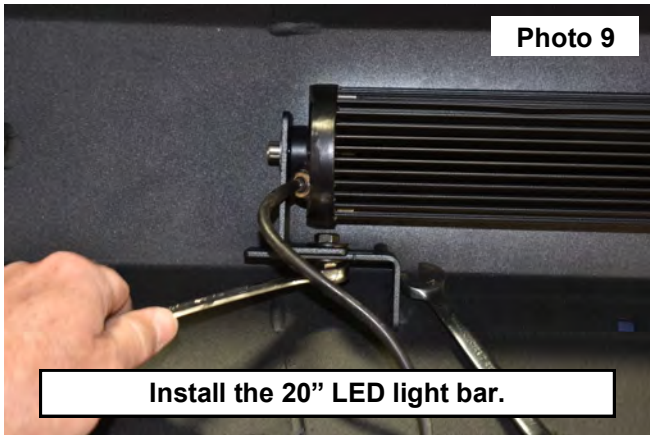
6. Disconnect the remaining sensors and remove the wiring harness from the bumper. **See Photo 5.**
7. Remove the (4) nuts and remove the fog light trim panel from the bumper. **See Photo 6.**



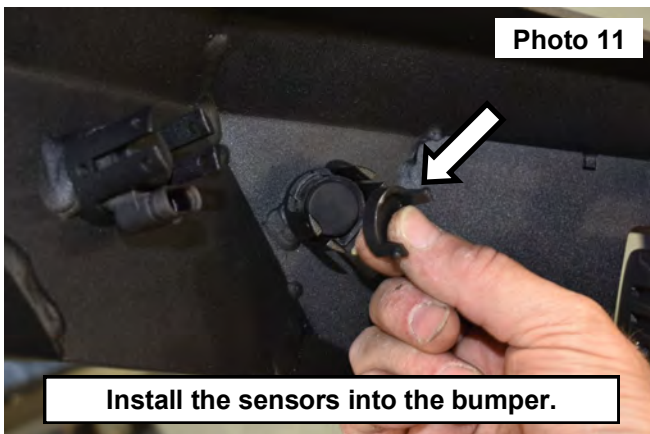
8. Remove the (2) sensors from each of the fog light trim on the driver and passengers side of the bumper. **See Photo 7.**
9. Install the (2) center light mount brackets using the (2) of the supplied 8mm x 16mm hex head bolts, (4) 8mm flat washers, (2) lock nuts. **See Photo 8.**



10. Install the 20" LED light bar in-between the mounting brackets using the supplied hardware in the LED light kit. Tighten the brackets to the bumper, set the light to the desired position and tighten. **See Photo 9.**
11. Install the 2" square fog lights into the bumper using the supplied hardware inside that kit. **See Photo 10.**



12. Install the sensors into the bumper using the supplied clips, secure the wiring harness to the bumper and connect to the sensors. **See Photos 11 and 12.**



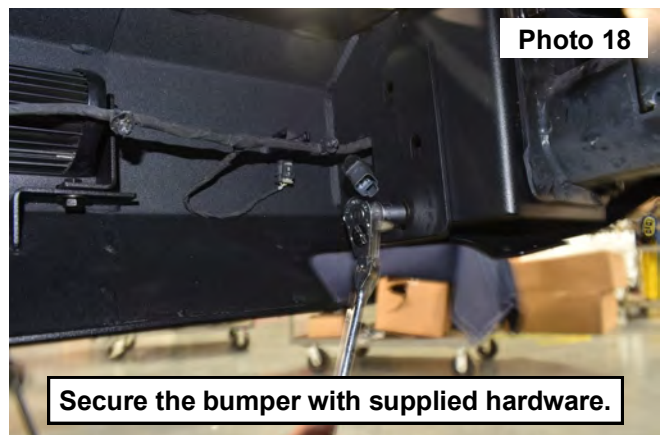
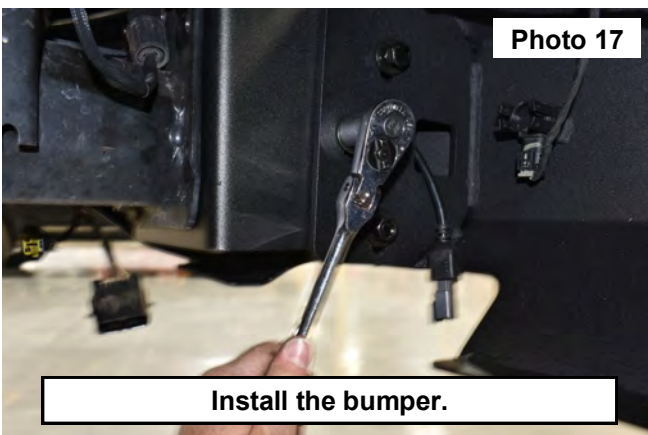
13. Disconnect the auto air dam. Then remove the (2) bolts on each side using a 13mm socket and remove from the vehicle. **See Photos 13 and 14.**



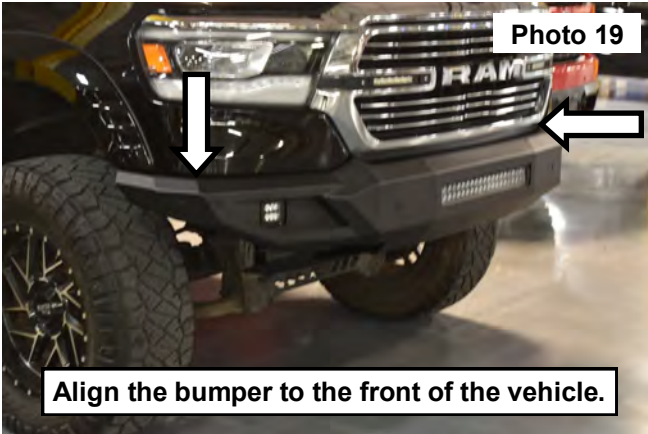
14. Install the right and left bumper brackets on to the frame mount using (3) of the supplied 12 x 35mm hex head bolts, (6) flat washers and (3) nylock nuts. Snug the hardware so the brackets can still move using an 18mm wrench and socket. **See Photo 15 and 16.**



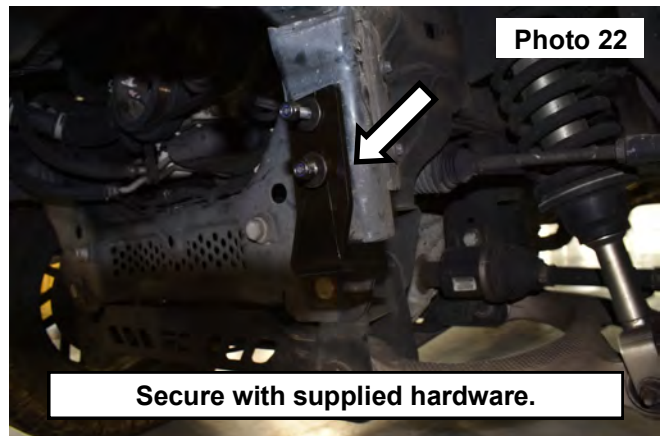
15. Support the bumper. Install the bumper onto the brackets on the frame ends. Secure the bumper using (3) 10x 35mm hex head bolts (6) flat washers and (3) nylock nuts on the driver and passengers side of the vehicle. **See Photos 17 and 18.**



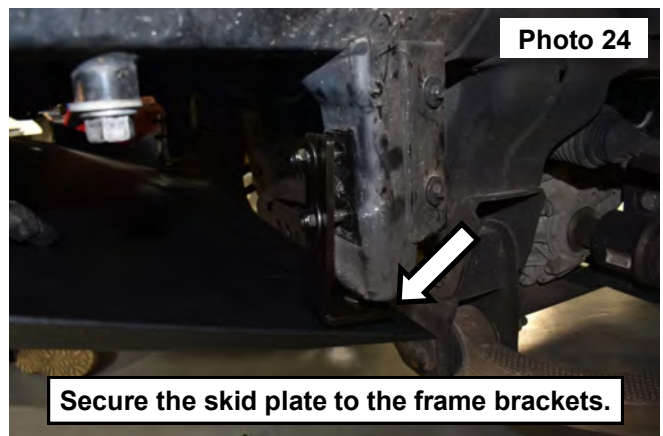
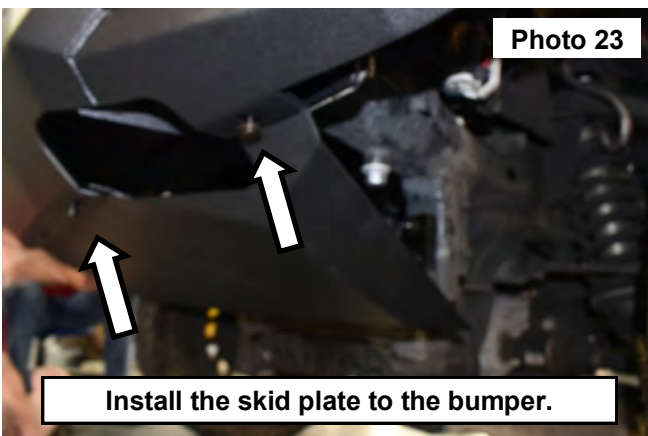
16. Align the bumper to the grille and to the right and left sides to center then tighten the bumper hardware using a 16mm wrench and socket. **See Photo 19.**
17. Locate the skid plate hardware brackets. **See Photo 20.**



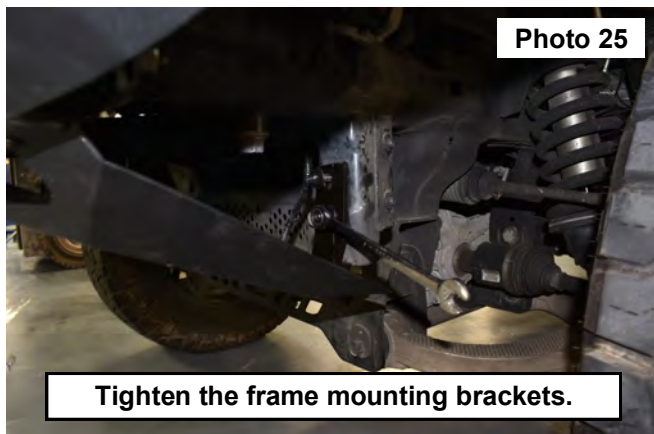
18. Install the skid plate brackets to the front drop down frame section. Both brackets angle to the inside of the vehicle and the mounting surface toward the back of the vehicle. Use (2) of the supplied 8mm bolts, (4) flat washers and (2) nylock nuts for each bracket. **See Photos 21 and 22.**



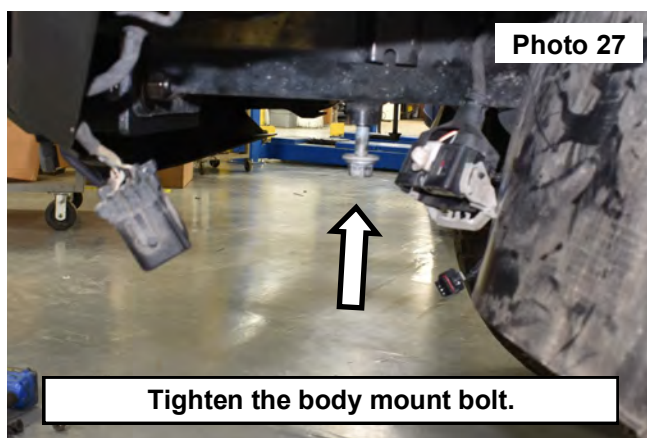
19. Install the skid plate onto the bumper. Using the supplied 6mm x 25mm button head bolts, 6mm flat washers and 6mm nylock nuts. across the front of the skid plate. **See Photo 23.**
20. Secure the rear of the skid plate to the mounting brackets using the supplied 6mm x 25mm button head bolts, 6mm flat washers and 6mm nylock nuts. In the (2) mounting brackets. **See Photo 24.**



21. Tighten the mounting brackets using a 13mm wrench and socket. **See Photo 25.**
22. Tighten all of the skid plate button head Allen bolts using a 5/32 Allen wrench and 10mm wrench. **See Photo 26.**



23. Tighten the body bolt on the right and left side of the vehicle using an 18mm socket. **See Photo 27.**



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