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Rough Country RC0504 Installation Instructions

Rear Lowering Shackles (Rough Country RC0504)

Part number: RC0504

trailfortress.com/rough-country-lowering-shackles-rc0504

Scan for fitment, price and install help

921RC0504

GM 2019 1500 Rear 1-1.5” Lowering Shackle

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:
Lowering Shackle x2

TOOLS NEEDED:
21mm Wrench and Socket



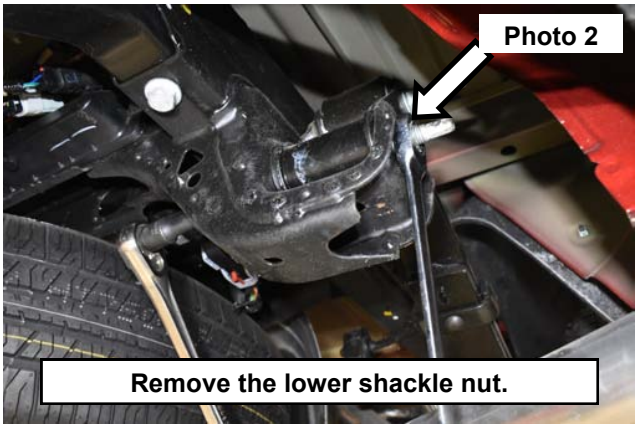
Torque Specs:

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

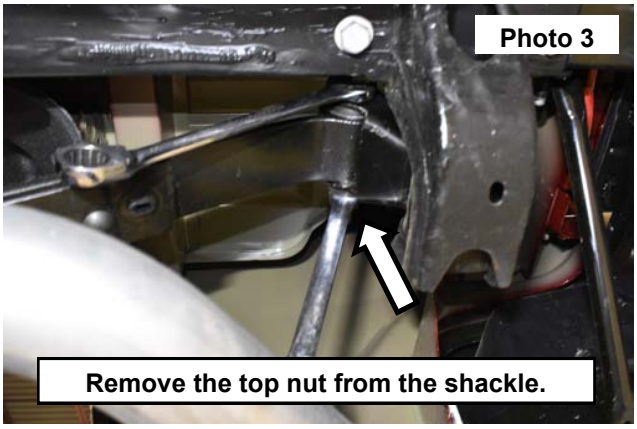
INSTALLATION INSTRUCTONS

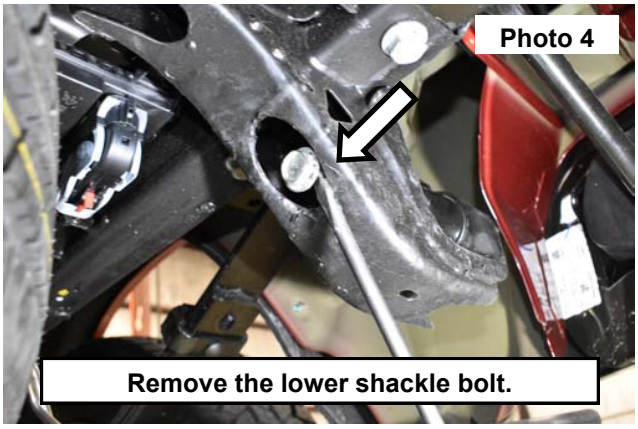
1. Using a floor jack raise the rear of the vehicle up and place jack stands under the rear frame rails. Lower floor jack onto the jack stands. **See Photo 1.**
2. Remove the rear wheels and tires and keep a jack under the center of the axle so the axle can be moved up and down for the removal and installation of the rear shackles.
3. Using a 21mm wrench and socket remove the nuts from the lower shackle bolts. **See Photo 2.**



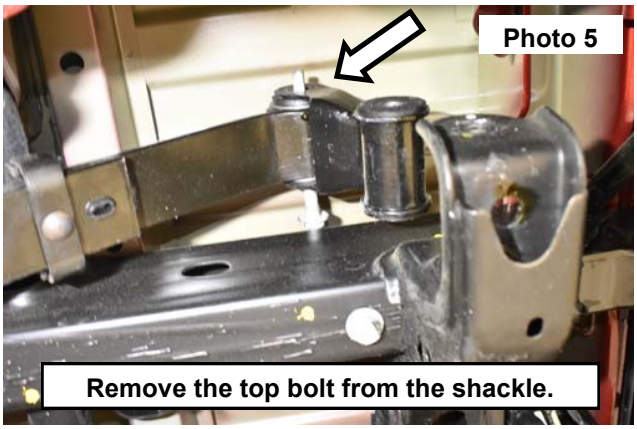


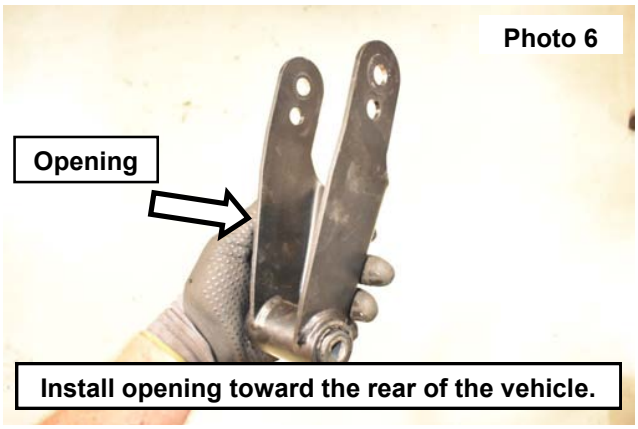
4. Using a 21mm wrench remove the nut from the top shackle bolt. **See Photo 3.**
5. Repeat step 3 and 4 on the opposite side of the vehicle.
6. Remove the lower shackle bolts from each side of the vehicle. **See Photo 4.** Retain for later use.



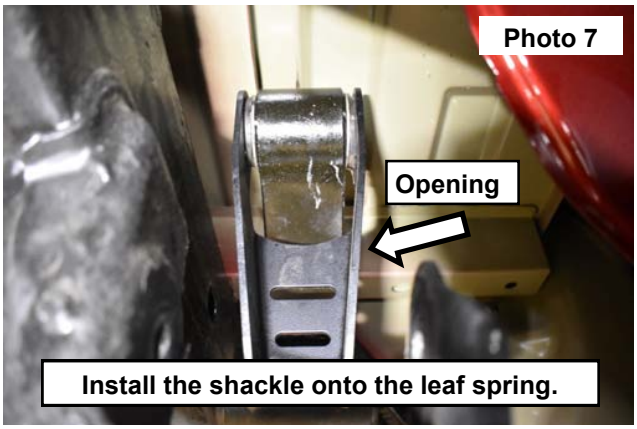


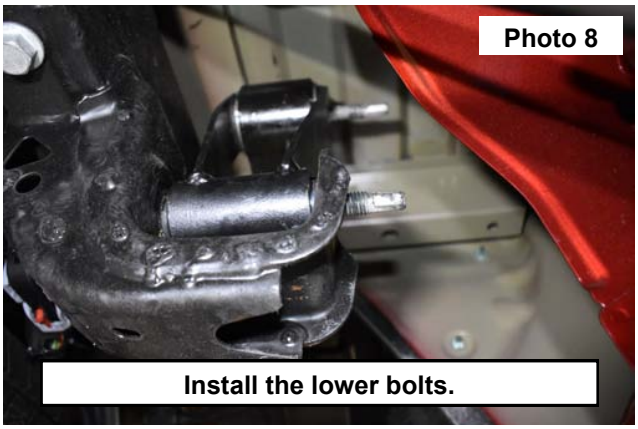
7. Raise the axle up pushing the leaf spring toward the bottom of the bed making clearance from the frame, then remove the top bolt from the shackle. Now, remove the shackle from the vehicle. **See Photo 5.** Retain hardware for later use.
8. The new shackle will be installed with the opening toward the **REAR** of the vehicle. **See Photo 6.**



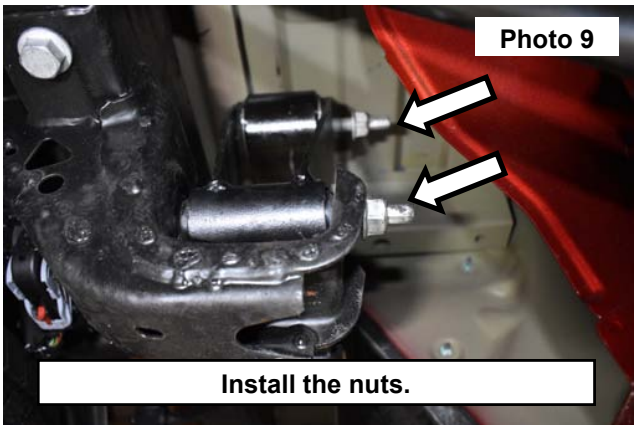


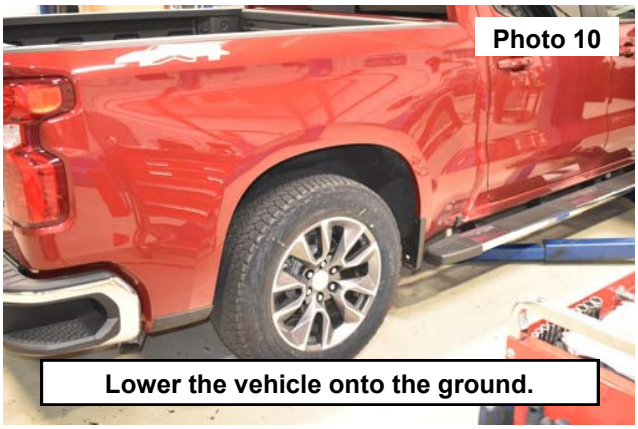
9. Install the new shackle onto each leaf spring using the retained top bolt. **See Photo 7.** Install opening to the **REAR** of the vehicle. Choose the bottom hole for 1" or the top hole to lower the vehicle 1.5".
10. Lower the axle down placing the shackles into the frame mount on both sides of the vehicle. Install the retained bolts into the frame and the shackle. **See Photo 8.**

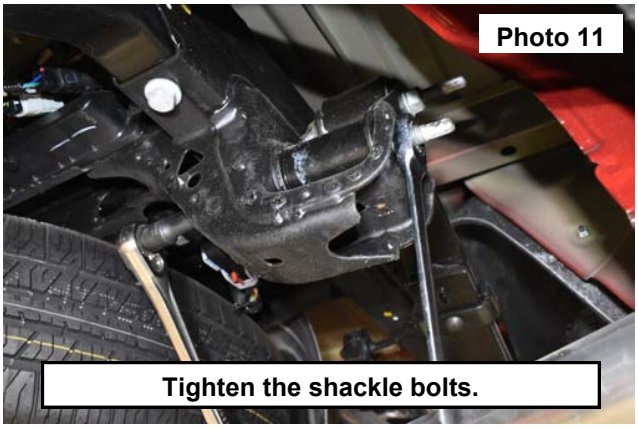




11. Secure the shackle bolts using the retained nuts. **See Photo 9.**
12. Install the wheels and tires onto the vehicle.
13. Using a floor jack raise the rear of the vehicle up off of and remove the jack stands then lower the vehicle onto the ground. **See Photo 10.**
14. Tighten the shackle bolts and nuts using a 21mm wrench and socket. Torque to 120ft/lbs. **See Photo 11.**







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