

ROUGH COUNTRY

SUSPENSION SYSTEMS®

2015-20 Colorado / Canyon Loaded Struts

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

⚠ WARNING Rough Country recommends a certified technician install this system. In addition to these instructions, professional knowledge of disassemble/reassembly procedures as well as post installation checks must be known. Attempts to install this system without this knowledge and expertise may jeopardize the integrity and/or operating safety of the vehicle.

Please read instructions before beginning installation. Check the kit hardware against the parts list on this page. Be sure you have all needed parts and know where they go. Also please review tools needed list and make sure you have needed tools.

PRODUCT USE INFORMATION

⚠ WARNING As a general rule, the taller a vehicle is, the easier it will roll. Seat belts and shoulder harnesses should be worn at all times. Avoid situations where a side rollover may occur.

⚠ WARNING Generally, braking performance and capability are decreased when larger/heavier tires and wheels are used. Take this into consideration while driving. Do not add, alter, or fabricate any factory or after-market parts to increase vehicle height over the intended height of the Rough Country product purchased. Mixing component brands is not recommended.

Rough Country makes no claims regarding lifting devices and excludes any and all implied claims. We will not be responsible for any product that is altered.

If you have any questions concerning the design, function, and correct use of our products please contact us at 800-222-7023.

NOTICE DEALER AND VEHICLE OWNER

Any vehicle equipped with any Rough Country product should have a "Warning to Driver" decal installed on the inside of the windshield or on the vehicle's dash. The decal should act as a constant reminder for whoever is operating the vehicle of its unique handling characteristics.

INSTALLING DEALER - It is your responsibility to install the warning decal and forward these installation instructions on to the vehicle owner for review. These instructions should be kept in the vehicle for its service life.

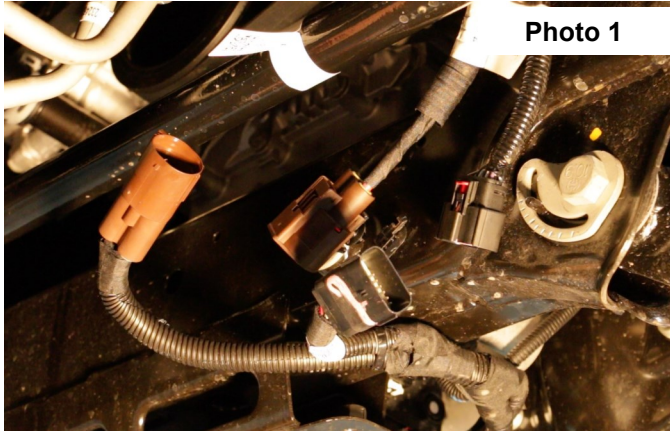
Tools Needed:

6mm Allen Wrench
10mm Wrench
13mm Socket
15mm Socket/Wrench
17mm Wrench
18mm Wrench
21mm Socket
22mm Socket
Dead Blow Hammer
Pry Bar

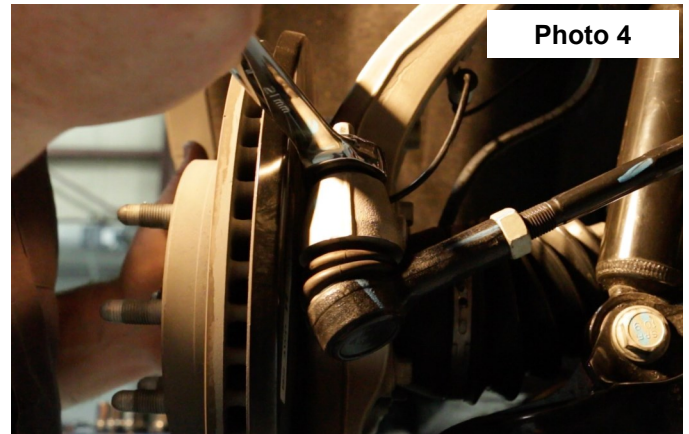
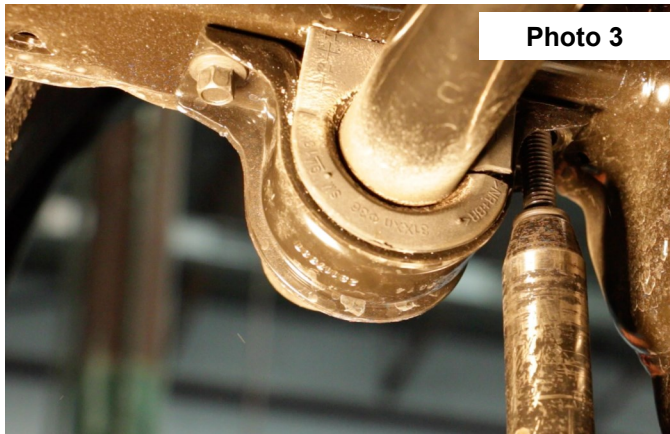
Kit Picture



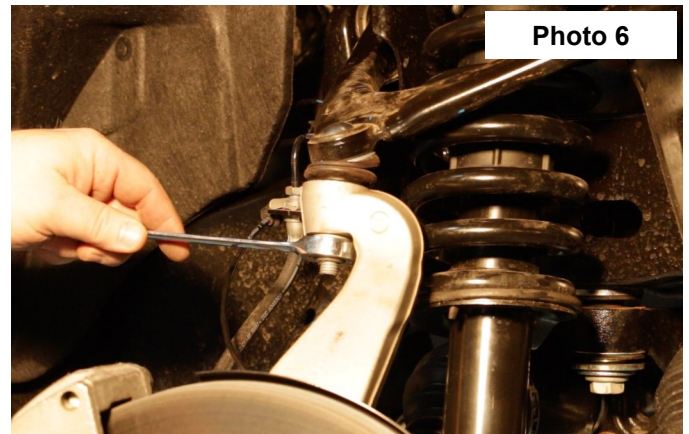
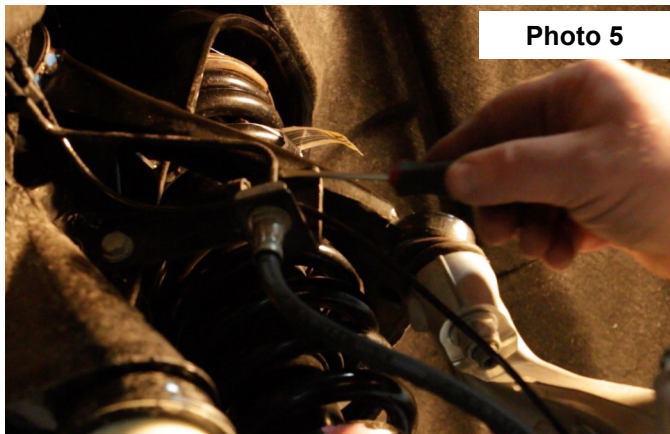
1. Remove tires and wheels using 22mm socket.
2. Remove skid plate using a 15mm socket.
3. Unplug the two connectors from the rack and pinion, both plugs are located on the front side. **See Photo 1.**
4. Using a 13mm socket and a 15mm wrench remove sway-bar links from both sides. **See Photo 2.**



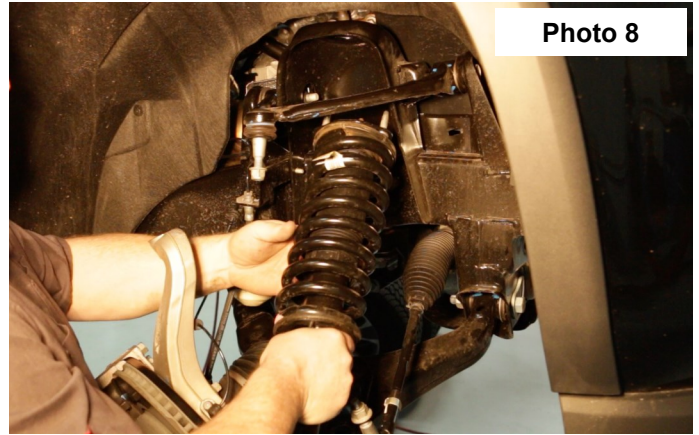
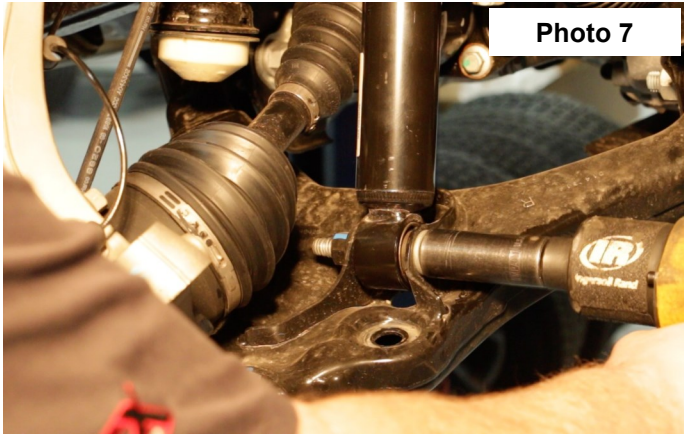
5. Remove sway-bar from the frame using a 10mm socket. **See Photo 3.**
6. Using a 10mm wrench to hold the stud and a 21mm wrench to remove the tie rod end. **See Photo 4.**



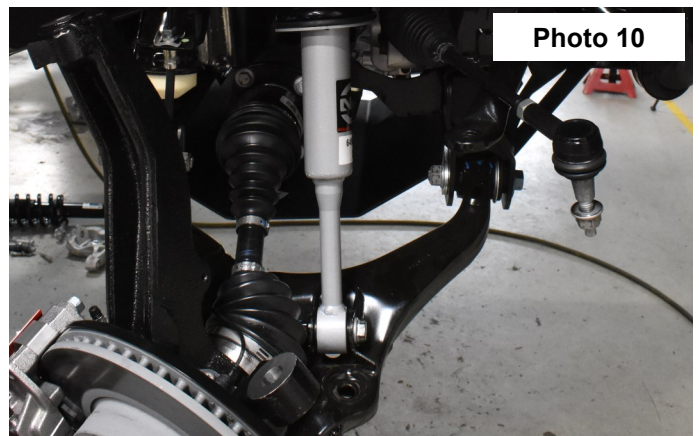
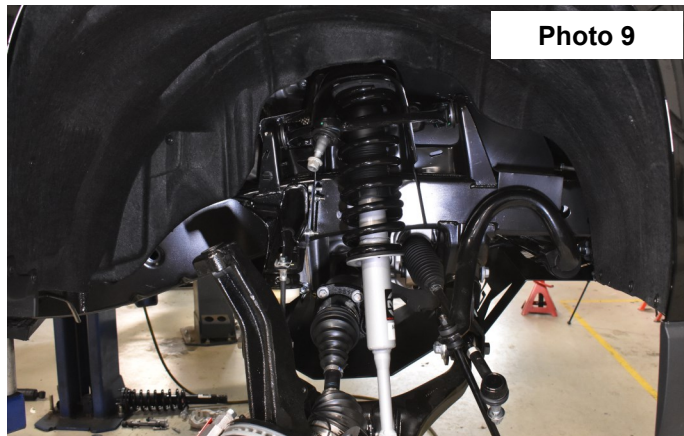
7. Unclip the ABS wire from stock brake line bracket, this will keep from damaging or pulling on the wire. **See Photo 5.**
8. Using a 6mm allen wrench to hold the stud and a 18mm wrench remove upper ball joint. **See Photo 6.**



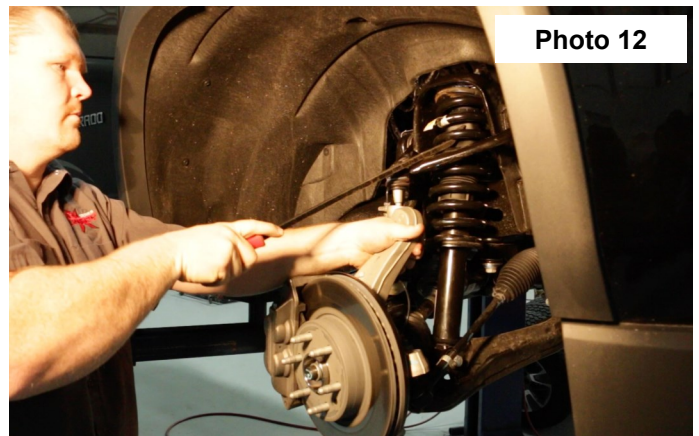
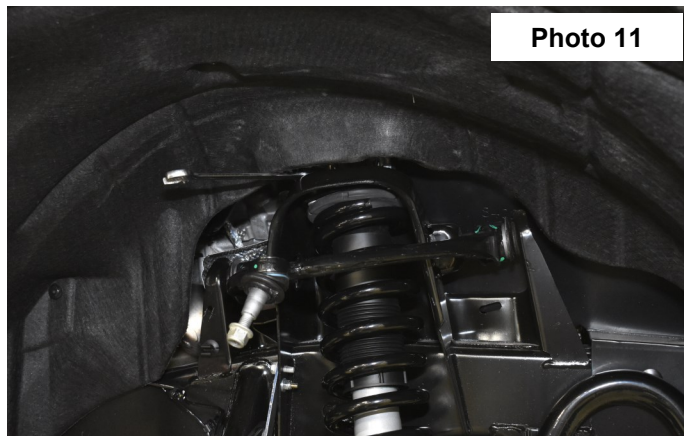
9. Use a 21mm socket remove the lower strut bolt. **See Photo 7.**
10. Using a 18mm wrench remove the upper strut nuts. Next remove strut assembly from the truck. **See Photo 8.**



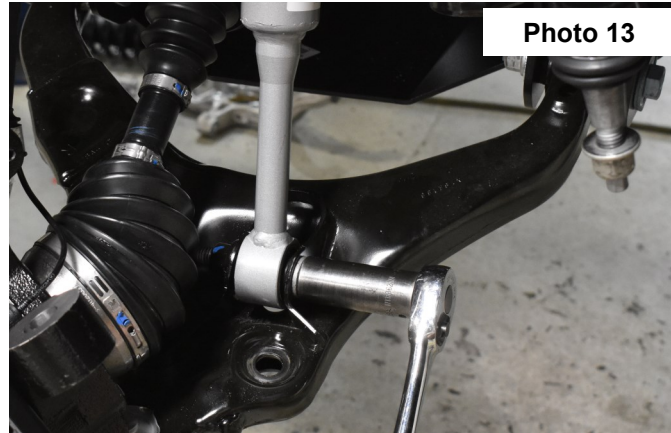
11. Install the supplied strut into the upper strut mount of the vehicle using the supplied nuts to secure the strut. Do not tighten at this time. **See Photo 9.**
12. Install the strut into the lower control arm mount using the retained OE bolt. This bolt will be tightened when the vehicle is on the ground. **See Photo 10.**



13. Tighten the upper strut mount using a 15mm wrench. **See Photo 11.**
14. Using a pry bar to push down on the upper control arm as shown in **Photo 12**, hand tighten the nut. Using 6mm allen wrench to hold the stud and 18mm wrench to tighten the ball joint.



14. Install the ABS wire back into the brake line clip.
15. Install the tie-rod using 10mm wrench on the stud and 21mm wrench for the nut.
16. Repeat steps 6-15 on the driver side.
17. Install sway-bar to the frame using stock hardware and a 10mm socket. Then install sway-bar links using a 13mm socket and 15mm wrench
18. Plug the two connectors back in for rack and pinion
19. Reinstall skid plate using a 15mm socket and install the tires and wheel.
20. Lower the vehicle onto the ground and tighten the lower strut bolt to the control arms using a 21mm wrench and socket. **See Photo 13.**



Thank you for purchasing Rough Country products.

By purchasing any item sold by Rough Country, LLC, the buyer expressly warrants that he/she is in compliance with all applicable, State, and Local laws and regulations regarding the purchase, ownership, and use of the item. It shall be the buyers responsibility to comply with all Federal, State and Local laws governing the sales of any items listed, illustrated or sold. The buyer expressly agrees to indemnify and hold harmless Rough Country, LLC for all claims resulting directly or indirectly from the purchase, ownership, or use of the items.





M1 Loaded Strut

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.

TOOLS NEEDED:
Spring Compressor
Flat Nose Plyers
15mm Socket

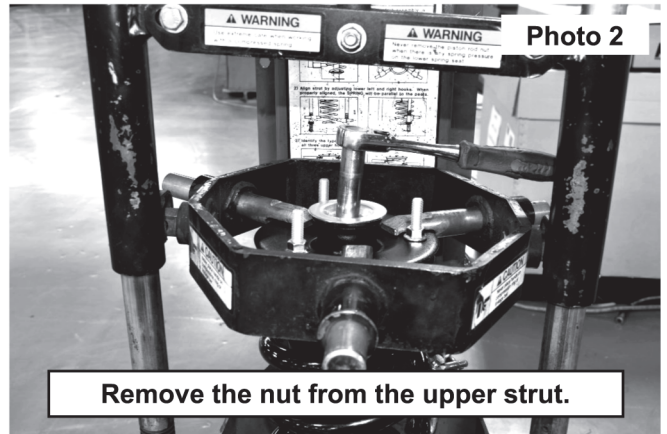
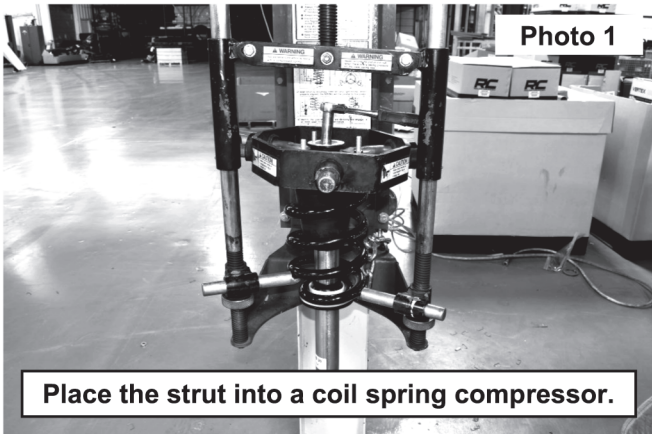
Torque Specs:

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

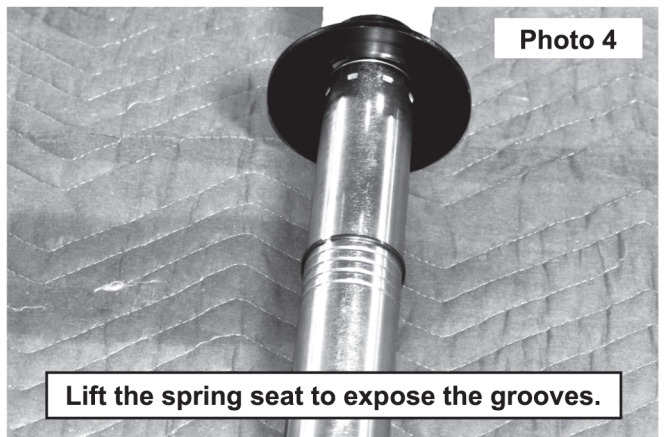
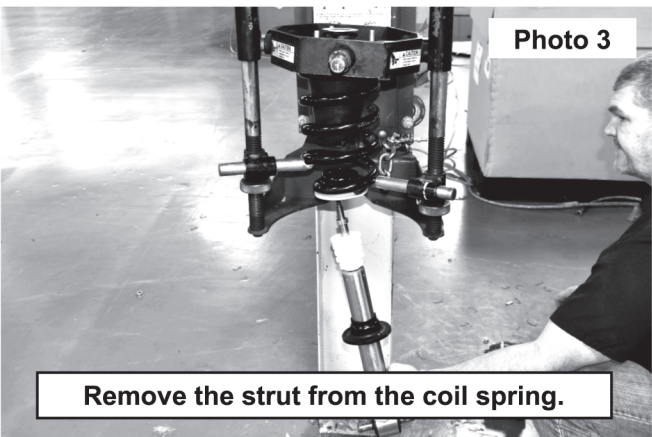


RIDE HEIGHT ADJUSTMENT INSTRUCTONS

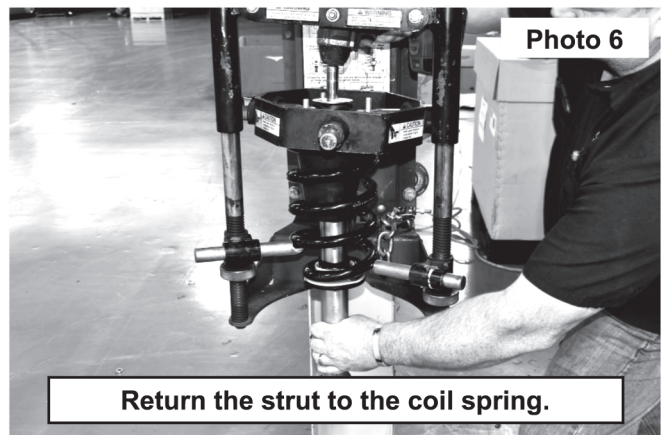
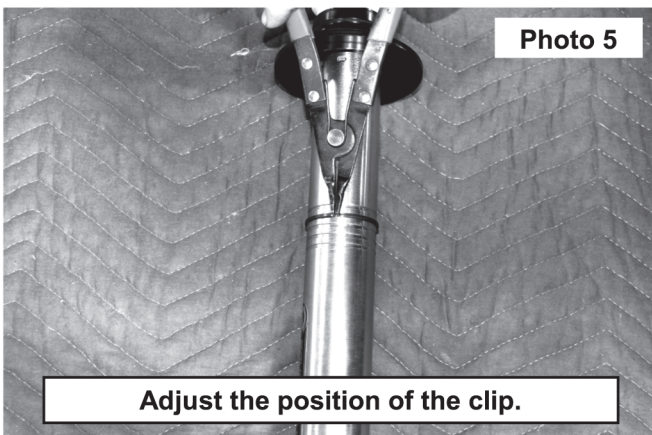
1. To adjust the ride height of the vehicle, Place the strut into a coil spring compressor. **See Photo 1.**
2. With the coil spring compressed, remove the nut from the upper strut stud using a 15mm wrench. **See Photo 2.**



3. Remove the strut from the coil spring. **See Photo 3.**
4. Lift the coil spring seat up to expose the clip and grooves in the strut body. **See Photo 4.**



5. Adjust the clip to the desired position on the strut body using flat nose pliers and return the coil spring seat over the clip. **See Photo 5.**
6. Place the strut body back into the coil spring. Secure using the retained nut and tighten using a 15mm socket. **See Photo 6.**



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