TRAIL FORTRESS

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Rough Country 67800 Installation Instructions

2-Inch Leveling Kit for Jeep Grand Cherokee & Cherokee

Part number: 67800

trailfortress.com/2-inch-leveling-kit-jeep-grand-cherokee-cherokee-rough-country-67800

Scan for fitment, price and install help

ROUGH COUNTRY
SUSPENSION SYSTEMS®

11-18 JEEP WK2 2” LEVELING KIT

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

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.

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 questions exist we will be happy to answer any questions concerning the design, function, and correct use of our products.

This suspension system was developed using a 265/70 R17 tire with factory wheels. **Note** if wider tires are used, offset wheels will be required and trimming will be required.

⚠NOTICE This kit will not work on vehicles with air suspension.

⚠NOTICE NOTICE TO 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

Kit Contents:

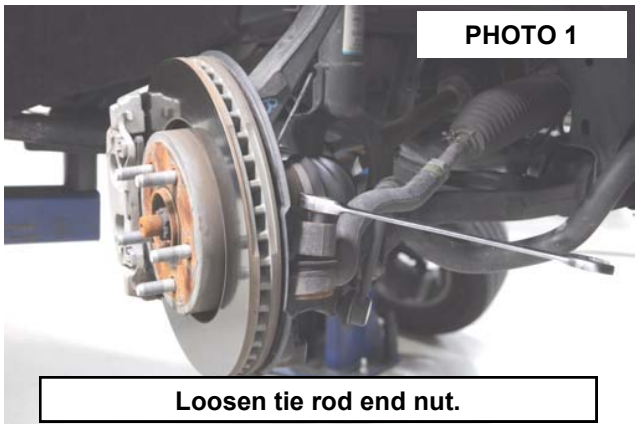
67800 Kit Box
2– Front Strut Spacers
1-67800BAG1
6-8MM Nylock Nuts

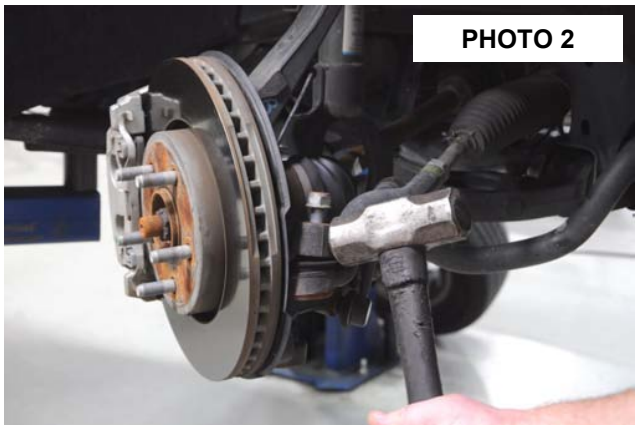


Tools Needed:
8mm Socket
8mm Allen
10mm Socket
13mm Socket
13mm Wrench
19mm Wrench
21mm Socket
21mm Wrench
22mm Deep Well Socket
24mm Wrench
32mm Socket
Jack
Jack Stands
Hand Grinder
Torque Wrench
Hammer

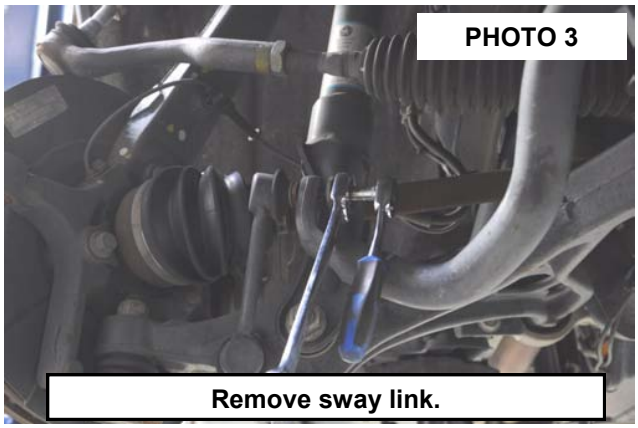
FRONT INSTALLATION INSTRUCTIONS

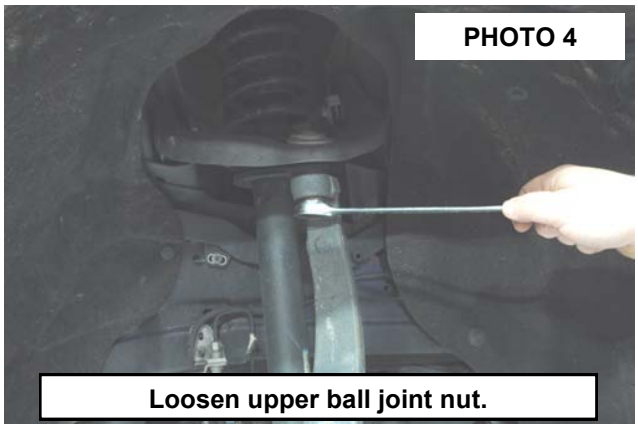
1. Jack up the front of the vehicle and support the vehicle with jack stands, so that the front wheels are off the ground. Chock rear wheels.
2. Remove the front tires/wheels, using a 22mm deep well socket.
3. Using a 21mm wrench, loosen the tie rod end nut. **Do not completely remove. See Photo 1.**
4. Using a hammer, hit the knuckle at the tie rod end to release the taper. Remove and retain hardware for reuse. **See Photo 2.**





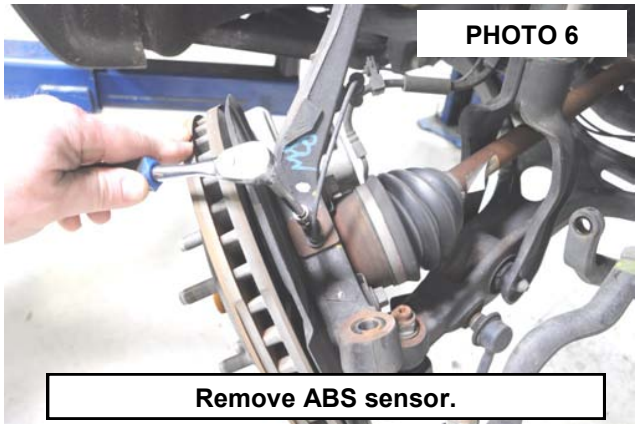
5. Using a 19mm wrench and an 8mm socket, remove the sway link from the sway bar. Retain hardware for reuse. **See Photo 3.**
6. Using a 21mm wrench, loosen the upper ball joint nut. **Do not completely remove. See Photo 4.**



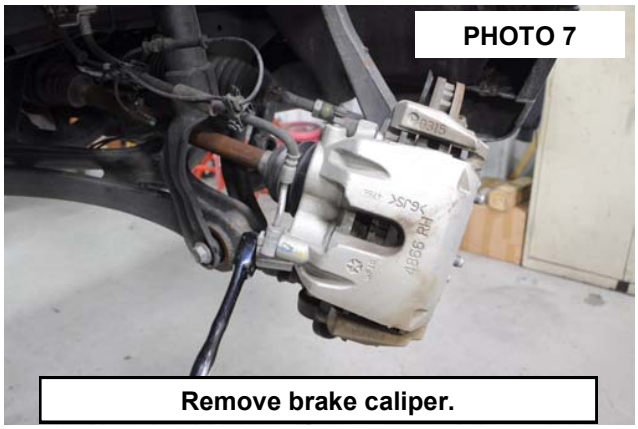


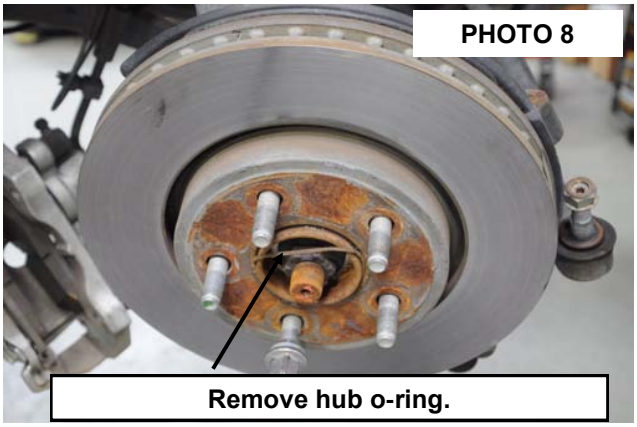
7. Using a hammer hit the knuckle at the upper ball joint to release the taper. Remove the nut and retain for reuse. **See Photo 5.**
8. Using a 10mm socket, remove the ABS sensor from the knuckle. Retain the hardware for reuse. **See Photo 6.**



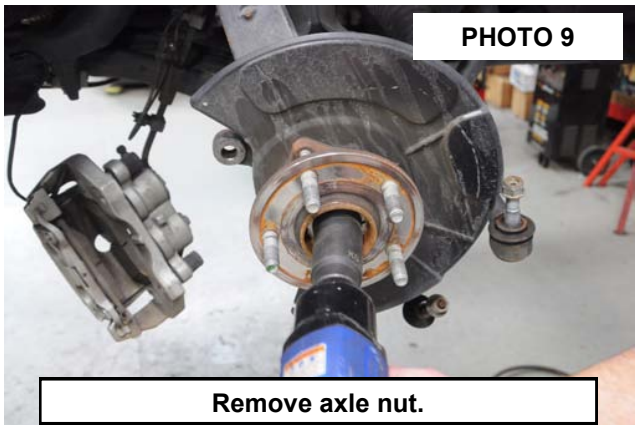


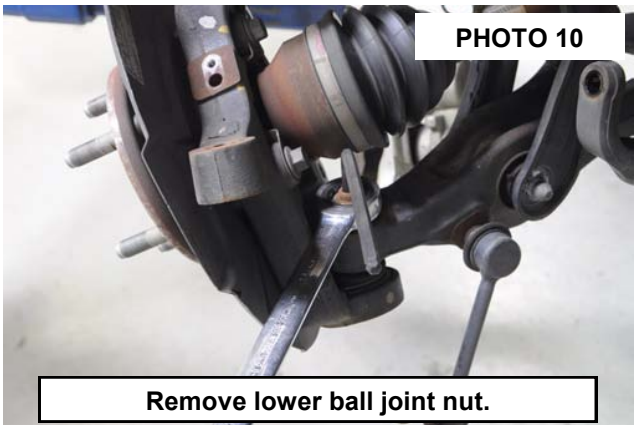
9. Using a 21mm socket, remove the brake caliper and hang caliper out of the way. Retain hardware for reuse. **Do not hang caliper by the brake line. See Photo 7.**
10. Remove the rubber o-ring from the hub and remove the brake rotor. Retain o-ring for ruse. **See Photo 8.**



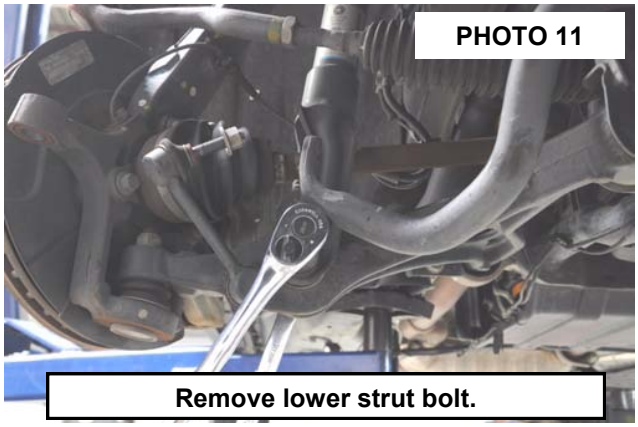


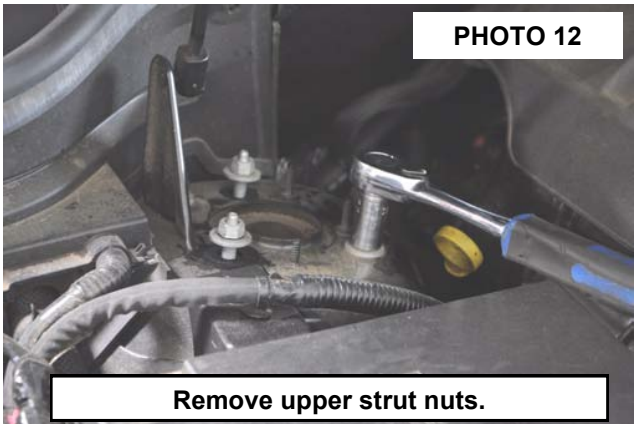
11. Using a 32mm socket, remove the axle nut. Retain nut for reuse. **See Photo 9**.
12. Using a 24mm wrench and an 8mm Allen, remove the lower ball joint nut. **See Photo 10.**



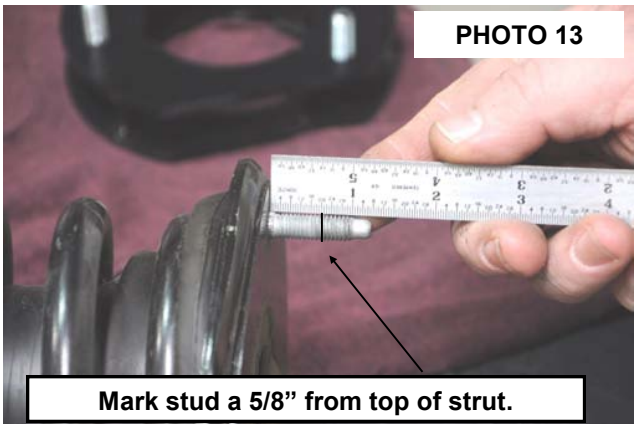


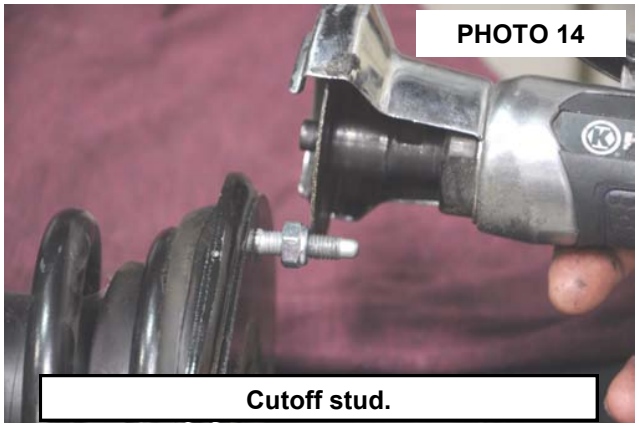
13. Remove the knuckle from the Jeep.
14. Using 21mm and 24mm wrenches, remove the lower strut hardware. Retain the hardware for reuse. **See Photo 11.**
15. Using a 13mm socket, remove the upper strut hardware from under the hood. Retain hardware for reuse. **See Photo 12.**
16. Remove the strut from the Jeep.



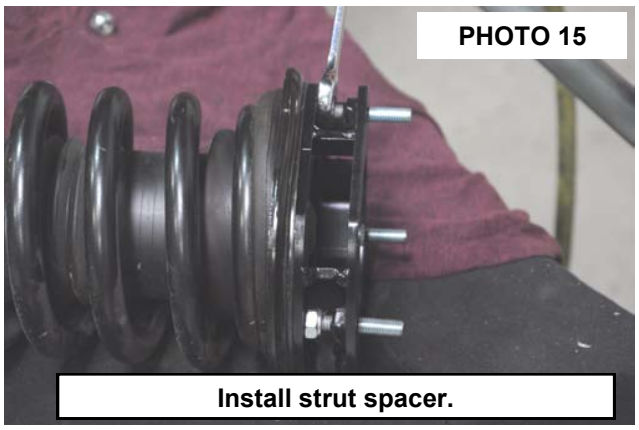


17. Measure the stud on the strut and mark at 5/8". **See Photo 13.**
18. Install a nut on the stud and then cut the stud at the mark made in step 17. **See Photo 14.**


PHOTO 13
Mark stud a 5/8" from top of strut.


PHOTO 14
Cutoff stud.

19. Install the supplied strut spacer on the strut using the supplied 8mm nylock nuts. You will have to start all 3 nuts before you begin tightening. Tighten using a 13mm wrench. **See Photo 15.**
20. Install the strut assembly on the vehicle using the factory hardware for the upper and lower mounts. Torque to factory specs.
21. Install the knuckle on the lower ball joint and tighten using a 24mm wrench and an 8mm Allen.
22. Install the axle nut and torque to factory specs using a 32mm socket.
23. Install the brake rotor and o-ring.
24. Install the brake caliper using the factory hardware. Torque to factory specs using a 21mm socket.
25. Install the ABS sensor into the knuckle using a 10mm socket.
26. Install the upper ball joint into the knuckle and tighten using a 21mm wrench.
27. Install the sway link into the sway bar using the factory hardware. Tighten using a 19mm wrench and an 8mm socket.
28. Install the tie rod end into the knuckle and tighten using a 21mm socket.
29. Install the wheels and tires and lower the vehicle to the ground.


PHOTO 15
Install strut spacer.

Post Installation

1. Check all fasteners for proper torque. Check to ensure there is adequate clearance between all rotating, mobile, fixed and heated members. Check steering for interference and proper working order. Test brake system.
2. Perform steering sweep. The distance between the tire sidewall and the brake hose must be checked closely. Cycle the steering from full turn to full turn to check for clearance. Failure to perform inspections may result in component failure.
3. Re torque all fasteners after 500 miles. Visually inspect components and re torque fasteners during routine vehicle service.
4. Readjust headlights to proper settings.

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

	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

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.