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Rough Country 69540 Installation Instructions

2-Inch Leveling Kit with M1 Shocks for 1999–2004 Grand Cherokee

Part number: 69540

trailfortress.com/2-inch-leveling-kit-grand-cherokee-rough-country-69540

Scan for fitment, price and install help



WJ JEEP 2” Front and 2” Rear Spacer Kit

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

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 kit content list. Be sure you have all needed parts and know where they go. Also please review tools needed list and make sure you have the necessary tools to install this kit.

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.

Due to differences in manufacturing, dimension and inflated measurements, tire and wheel combinations should be test fit prior to installation. This suspension system was developed using a 30 X 9.50 tire with factory wheels. If bigger/wider tire are used with the factory wheels or factory offset wheels you must carefully check the clearance during turning between the tires and the lower control arm and the front sway bar link before driving. Installing wider than recommended tires can cause the tire to come in contact with the rear shock. Always double check for clearance on all tire / wheel packages.

With the installation of all lift kits and larger tires it is important to check the condition of your steering stabilizer. If the stabilizer is worn or is leaking it should be replaced. Steering stabilizers are designed to restrain “bump steer” and front-end vibration, giving added life to tires, ball joints, and other steering components. A large bore off-road stabilizer kit is highly recommended for vehicles equipped with larger tires, please contact your Rough Country distributor for details.

We hope installing your Rough Country lift kit is a positive experience. Please note that variations in construction and assembly in the vehicle manufacturing process will virtually ensure that some parts may seem difficult to install. If you are uncertain about some aspect of the installation process, please feel free to call our tech support department at 800-222-7023. We do not recommend that you modify the Rough Country parts in any way as this will void any warranty expressed or implied.

IMPORTANT PRE—INSTALLATION INSTRUCTIONS

Prior to beginning this installation it is always good to use a penetrating oil and spray all fasteners that will be removed. Typically the cross member, control arm bolts and the pitman arm are difficult to remove without having done this step.

Tools Needed:

- 13mm Socket / Wrench
- 15mm Socket / Wrench
- 18mm Socket / Wrench
- Floor Jack
- Jack Stands
- Spring Compressor

Torque Specs:

Size	Grade 5	Grade 8
7/16”	45 ft/lbs	60 ft/lbs
1/2”	65 ft/lbs	90 ft/lbs
9/16”	95 ft/lbs	130 ft/lbs

	Class 8.8	Class 10.9
10MM	32ft/lbs	45ft/lbs
12MM	55ft/lbs	75ft/lbs
14MM	85ft/lbs	120ft/lbs

ROUGH COUNTRY SUSPENSION SYSTEMS

FRONT INSTALLATION INSTRUCTIONS

1. Chock the rear wheels and jack up the front of the vehicle and support the vehicle with jack stands.
2. Support the front axle with a floor jack.
3. Remove the lower sway bar link bolt using a 15mm & 18mm wrench. **See Photo 1.** Retain hardware for reuse.
4. Remove the shocks using a 13mm wrench/socket for the bottom mount. Retain the hardware for reuse.
5. Lower the axle using the floor jack and remove the coil springs.
6. Remove the upper coil spring isolator and install onto the coil spring spacers.
7. Starting on the Passenger Side of the vehicle install the coil spring spacer onto the frame and secure to the frame using the supplied 1/2" self tapping bolt. Tighten using a 19mm socket. Note the position of the spring as it seats into the lower coil spring isolator on the axle so that it is at its stop. It must be seated into the coil spring isolator. **See Photo 2**, passenger side shown.

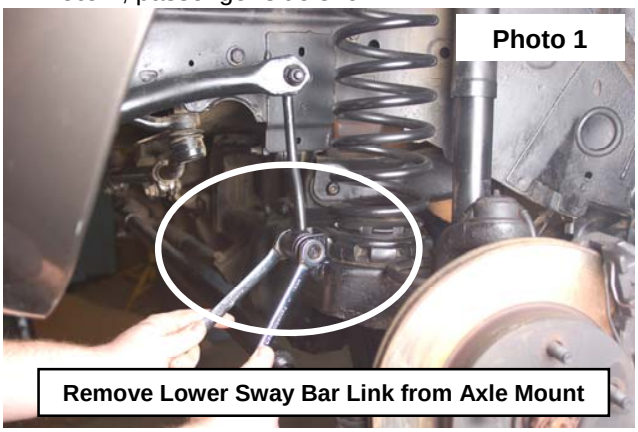


Photo 1

Remove Lower Sway Bar Link from Axle Mount

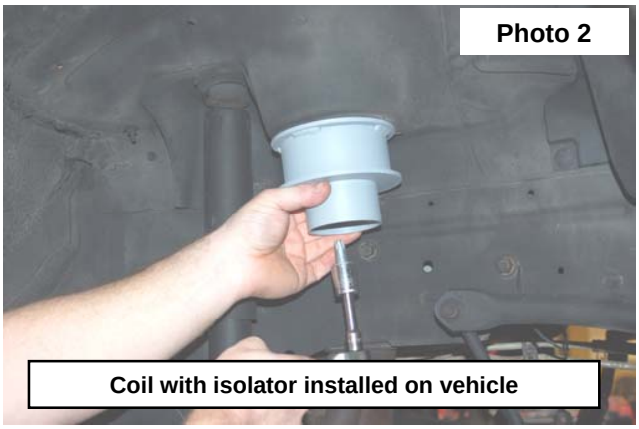


Photo 2

Coil with isolator installed on vehicle

8. Reinstall the upper coil isolator as shown on the new coil spacer. **See Photo 3.**
9. Install the coil springs. A coil spring compressor may be needed to install the coil on the Passenger side of the vehicle. **NOTE:** The front track bar may be disconnected from the axle to allow the coil spring to be installed.
10. Jack up the axle and install the supplied 5/16" x 1" lower shock bolts, washers and nuts that secure the new shock **(if purchased with kit)** to the axle. Tighten hardware using a 13mm socket.
11. Install the front tires/wheels.
12. Lower the vehicle onto the ground and reattach the track bar to the axle if disconnected. Tighen using a 15mm wrench.
13. Torque shock bolts, track rod and sway bar link to factory specifications.

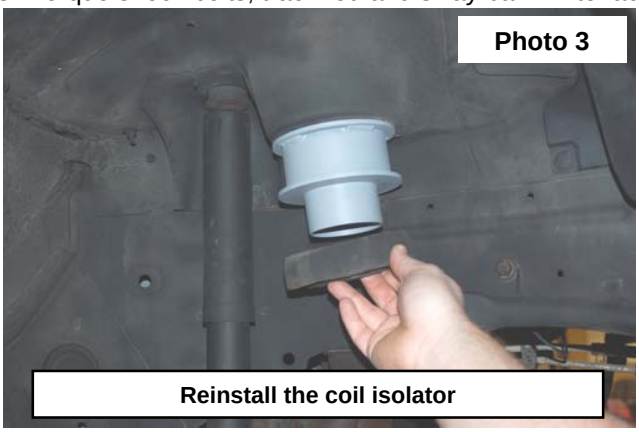


Photo 3

Reinstall the coil isolator

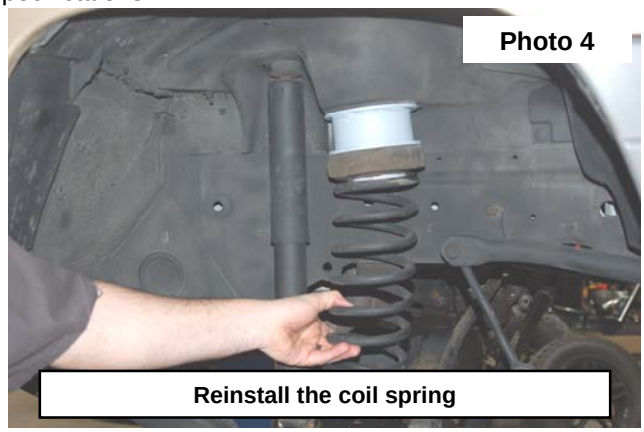


Photo 4

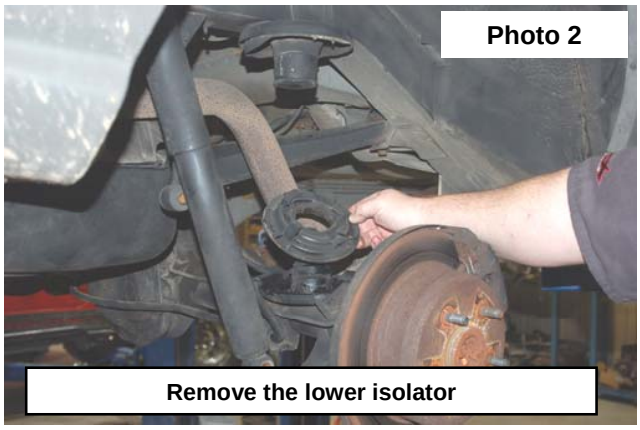
Reinstall the coil spring

ROUGH COUNTRY SUSPENSION SYSTEMS

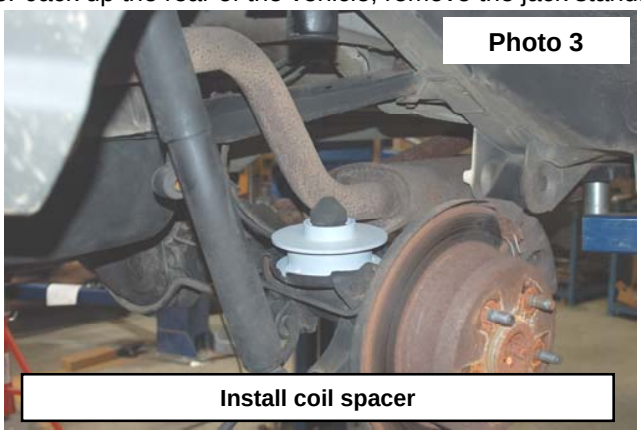
REAR INSTALLATION INSTRUCTIONS

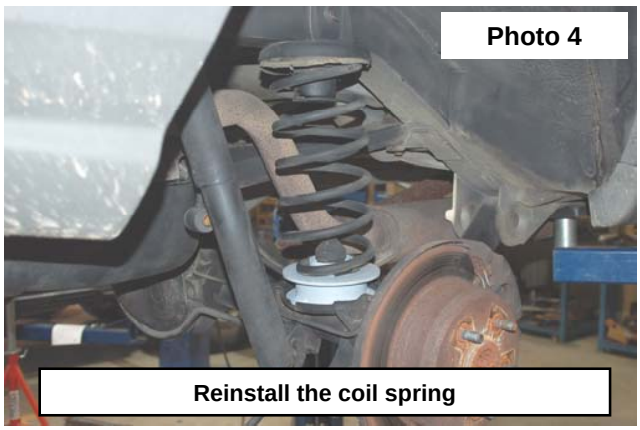
1. Chock the front tires and jack up the rear of the vehicle. Support the rear with jack stands.
2. Remove the tires/wheels.
3. Remove the rear shocks from the lower mount only using a 15mm and 18mm wrench/socket. Retain the hardware for reuse.
4. Remove the top sway bar bolt using a 15mm wrench/socket. **See Photo 1.** Retain the factory hardware for reuse.
5. Using the floor jack, lower the rear end and remove the coil springs.
6. Remove the coil spring and the upper coil spring isolator.
7. Remove the lower coil spring isolator and discard as it will not be reused. **See Photo 2.**





8. Install the new coil spring spacer onto the axle as shown in **Photo 3.**
9. Install the coil spring and stock upper isolator onto the left side of the axle first. To install the right side you will need to jack the left side of the axle so that the right side goes down far enough to install the coil spring.
10. Jack up the rear suspension and reconnect the lower new shocks **(if purchased with kit)** with the factory hardware. Tighten hardware using 15mm and 18mm wrench/socket
11. Reconnect the sway bar end links and tighten hardware using a 13mm wrench / socket.
12. Reinstall the tires/wheels.
13. Jack up the rear of the vehicle, remove the jack stands and lower the vehicle.





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. An alignment by a certified alignment professional with experience in aligning lifted vehicles must be performed. Align vehicle to factory specifications.
4. Readjust headlights to proper settings.
5. Check hardware after the first 500 miles and then every 1000 miles.

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.



Rough Country Hydro Shocks Pictured

Kit Includes:

2-Fr Spacers
2-Rr Spacers
1-Poly Bag Containing:
4-5/16" X 1" Shock Bolts
4-5/16" Lock nuts
4-5/16" Flat Washers
2-1/2" x 1" Self Tapping Bolt

DON'T FORGET YOUR ROUGH COUNTRY STEERING STABILIZER!!! CALL YOUR DEALER FOR DETAILS!!!



Thank you for