TRAIL FORTRESS

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Rough Country 30430 Installation Instructions

2-Inch Leveling Kit with N3 Shocks for Ram 1500 2WD

Part number: 30430

trailfortress.com/2-inch-leveling-kit-ram-1500-2wd-rough-country-30430

Scan for fitment, price and install help

929232000

ROUGH COUNTRY SUSPENSION SYSTEMS®

9232BAG

Dodge 09-UP 1.5”-2.5” Leveling Coil

Rough Country recommends this system be installed by a certified technician. 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.

PRODUCT USE INFORMATION

⚠WARNING As a general rule, the taller a vehicle is, the easier it will roll. Offset, as much as possible, what is lost in rollover resistance by increasing tire track width. In other words, go "wide" as you go "tall". Always use as wide a tire and wheel combination as possible to enhance vehicle stability.
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 significantly 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 question exist we will be happy to answer any questions concerning the design, function, and correct use of our products.

⚠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 life.

INSTALLATION INSTRUCTIONS

1. Installation of this kit is done one side at a time. Please use caution when removing or installing coil springs. The springs are under compression and should be handled accordingly.
2. Loosen the lug nuts but do not remove them.(This is on one side at a time only.)
3. Jack the vehicle up and place a jack stand under the frame rail. Lower the vehicle on to the jack stand and remove the lug nuts and tire.
4. Remove the shock. Remove the upper sway bar nut and bushing.
5. Remove the bracket caliper from the knuckle. **⚠WARNING Do not allow caliper to hang from the brake line, you will need to support the caliper.**
6. Remove the upper ball-joint nut. Separate the ball-joint from the spindle using a ball joint separator. After the ball-joint is separated from the spindle, apply pressure to the upper control arm to free the upper ball-joint from the spindle.

7. Using a coil spring compressor, carefully compress the coil spring and remove from the vehicle.
8. Install the new **Rough Country** spring in the upper mount the same way the old spring came out. (Be sure that the stock isolator is in place in the mount).
9. Using a coil spring compressor, compress the coil spring and install in the lower control arm.

⚠WARNING Use caution when installing the coil spring, the coil is under load. Make sure the coil spring is seated properly.

10. Install the upper ball-joint into the knuckle and tighten to factory specs.
11. Carefully release the coil spring compressor.
12. Attach the sway bar link using the factory hardware.
13. Install the brake caliper using the factory hardware.
14. Install the shock using the factory hardware.
15. Install the wheel and tire.
16. Jack up the vehicle and remove jack stands.
17. Retighten the lug nuts and proceed to the other side.
18. **Repeat steps #2-#17.**

MAINTENANCE INFORMATION

It is the ultimate buyers responsibility to have all bolts/nuts checked for tightness after the first 100 miles and then every 1000 miles. Wheel alignment steering system, suspension and driveline systems must be inspected by a qualified professional mechanic at least every 3000 miles.

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.