Rough Country 9219 Installation Instructions

2-Inch Leveling Kit with Coil Springs for Ram 2500/3500 Diesel

Part number: 9219

trailfortress.com/2-inch-leveling-kit-ram-2500-3500-diesel-rough-country-9219

Scan for fitment, price and install help



2003-UP 2500/3500 Dodge 2” Fr Coils

Thank you for choosing Rough Country Suspension for your Off Road needs.

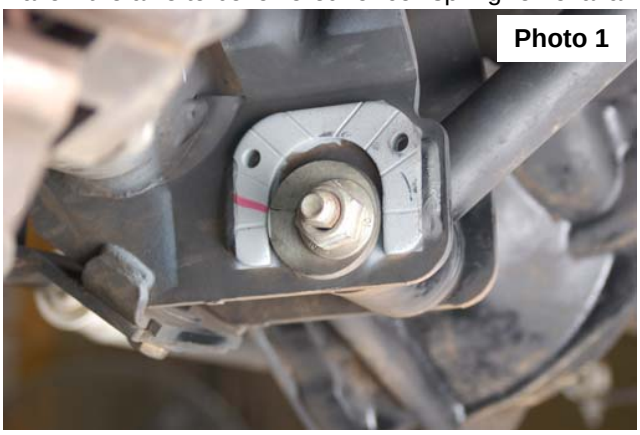
Rough Country recommends a certified technician installs this system. In addition to these instructions, professional knowledge of disassemble/reassembly procedures as well as post installation checks must be known. Attempts to install this system without this knowledge and expertise may jeopardize the integrity and/or operating safety of the vehicle. Please read all the instructions before beginning the installation. Check the kit hardware against the kit contents list on the last page. Be sure you have all the needed parts and understand where they go.

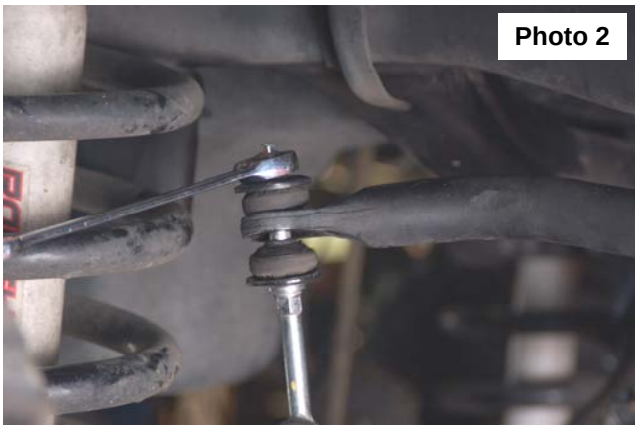
Notice to Dealer and Vehicle Owner

Any vehicle equipped with any Rough country product must have the “Warning to Driver” decal installed on the sun visor or dash. The decal is to 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 to forward these installation instructions to the vehicle owner for review and to be kept in the vehicle for its service life.**

FRONT SUSPENSION INSTALLATION

1. Secure and block the rear tires of the vehicle on a level concrete or asphalt surface
2. Open the hood and remove the shock nuts, retaining washers and rubber bushings from both upper shock mounts located inside the engine compartment. The shocks will be removed when the coils are removed.
3. Raise the front of the vehicle and support the frame with jack stands. Remove the front wheels and tires and set aside. Position a hydraulic jack under the front axle and raise the jack until the front suspension begins to compress
4. On both sides of the vehicle, scribe alignment marks on the adjustment cam and axle bracket at the lower link to axle attachment point for later reference. **See Photo 1**.
5. Unbolt the brake line brackets from the control arm mount on the axle using a 13mm wrench to ensure brake line free play during the suspension system installation.
6. Remove the stock front upper sway bar links from the sway bar as shown in **Photo 2** using a 15mm wrench to allow the axle to be lowered for coil spring removal and installation.





7. Lower the axle to the ground and remove the stock coils springs.
8. Install the new coil springs and new shocks in the same location as stock and jack up the axle to apply light pressure to the coil springs. Tighten shock hardware.
9. Adjust the cam washers on the lower control arm and retighten the factory hardware.
10. Reattach the sway bar links and tighten using a 15mm wrench.
11. Reattach the brake lines using a 13mm wrench.
12. Install the tires and wheels.
13. Lower the vehicle to the ground.



POST INSTALLATION INSTRUCTIONS

Check all fasteners for proper torque. Check to ensure there is adequate clearance between all rotating, mobile, fixed and heated members. Check steering gear for interference and proper working order. Test brake system.
Perform steering sweep. Check to ensure brake hoses have sufficient slack and will not contact rotating, mobile, or fixed members, adjust lines/brackets to eliminate interference and maintain proper working order. Failure to perform inspections may result in component failure.
Re-torque all fasteners after 500 miles. Visually inspect components and re-torque fasteners during routine vehicle service.
Readjust headlights to proper settings.
It is the buyer's responsibility to have all bolts/nuts checked for tightness after the first 100 miles and then every 1000 miles. Suspension components every 3000 miles.

Thank you for choosing Rough Country Suspension for your Off Road needs.

ROUGH COUNTRY SUSPENSION SYSTEMS