Rough Country 289 Installation Instructions

2-Inch Lift Kit for Chevrolet Trailblazer & GMC Envoy (2002-2009)

Part number: 289

trailfortress.com/rough-country-2-inch-lift-kit-289

Scan for fitment, price and install help



2002-2007 CHEVROLET TRAILBLAZER & GMC ENVOY 2" FR & 3/4" RR KIT

Thank you for choosing Rough Country for 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.

PRODUCT USE INFORMATION

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".

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 or lifts voids all warranties. 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. Braking performance and capability are decreased when significantly larger/heavier tires and wheels are used. Take this into consideration while driving.

The required installation time for this system is approximately 2 hours. This suspension system was developed using a 30ò X 9.50 or equivalent tire on an **16"** wheel. Before installing other combinations, please consult your local tire and wheel specialist.

If questions exist on the design, function, and correct use of our products please contact us at 800-222-7023.

NOTICE TO DEALER AND VEHICLE OWNER

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

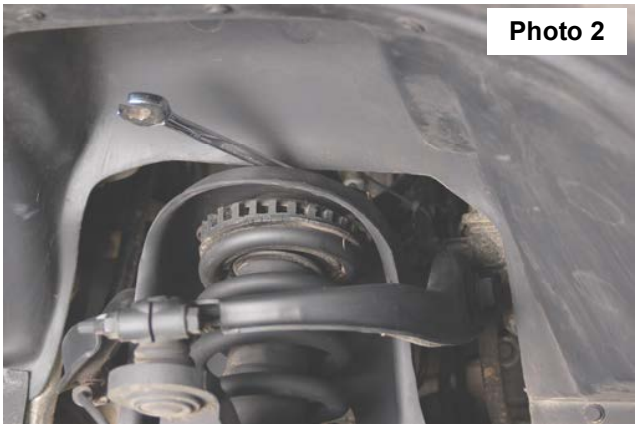
Recommended Tools:
9/16" Socket / Wrench
15mm Socket / Wrench
17mm Socket / Wrench
18mm Socket / Wrench
19mm Socket / Wrench
24mm Socket

Parts List:
2-Front Strut Spacers
2-Rear 3/4" Spacers
1-Poly Bag Containing:
4-10mm Studs
4-10mm Nuts
4-10mm Lock Washers
4-Cup Washers
4-Stem Bushings

INSTALLATION INSTRUCTIONS

1. Chock the rear wheels and jack up the front of the vehicle. Support with jack stands.
2. Remove the wheels using a 19mm socket.
3. Remove the lower strut nut using a 24mm socket as shown in **Photo 1.**
4. Remove the upper strut nuts using a 18mm wrench. **See Photo 2.**



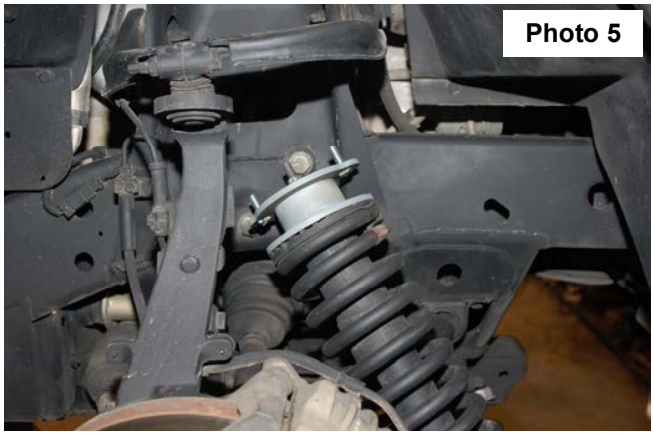


5. Remove the strut from the vehicle.
6. Mark the stud location on the spring for reference.
7. Compress the spring using a strut compressor tool.
8. After the pressure has been relieved from the coil spring, remove the upper strut nut using a 15mm wrench. **NOTE: Do not attempt to remove the upper strut nut without relieving the pressure on the coil spring. The coil has enormous pressure and can cause bodily harm or damage if not relieved before removing the upper nut.**
9. Remove the upper stock strut hat, stock stud bushings and stud washers.
10. Install the Rough Country strut spacer on the stock strut with the supplied stem bushings and cup washers. **See Photo 3.**
11. Install the supplied stem bushing and cup washer and reinstall the stock nut on the strut and tighten using a 15mm wrench. **See Photo 4**.





12. Install the supplied 10mm studs in the new Rough Country spacer with the supplied 10mm nuts using a 17mm socket and torque wrench.
13. Reinstall the strut assembly on the vehicle and tighten the supplied 10mm nut using a 17mm wrench. **See Photo 5.**
14. Reinstall the lower strut mount on the lower control arm with the factory hardware using a 24mm wrench. Torque to factory specifications.
15. Reinstall the tires and wheels. Tighten using a 19mm socket.
16. Jack up the front of the vehicle, remove the jack stands and lower the vehicle to the ground.



REAR INSTALLATION INSTRUCTIONS

1. Chock the front tires and jack up the rear of the vehicle. Support the vehicle with jack stands.
2. Remove the tires and wheels using a 19mm socket.
3. Position a floor jack under the rear axle and apply light pressure.
4. Remove the shocks from the lower mount using a 18mm wrench /socket. Retain the lower shock hardware for reuse.
5. Lower the axle and remove the coil springs from the coil seat.
6. Install the supplied 3/4òspacer on top of the coil spring and reinstall on the vehicle. **See Photo 1 & 2.**





7. Jack up the floor jack to keep the coil springs in position.
8. Reinstall the shock absorbers on the lower mount using the stock hardware. Tighten using a 18mm wrench / socket.
9. Reinstall the tires and wheels using a 19mm socket.
10. Jack up the vehicle and remove the jack stands.
11. Lower the vehicle to the ground.

POST INSTALLATION INSTRUCTIONS

1. Check to ensure there is adequate clearance between all rotating, mobile, fixed and heated members. Check steering gear for interference and proper working order. Check to ensure the brake hoses have sufficient slack.
2. Readjust headlights to factory settings and have vehicle aligned by a certified alignment professional.
3. All components must be retightened after 500 miles, and every three thousand miles after installation.

KIT CONTENTS



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