Rough Country 639P Installation Instructions

4-Inch Lift Kit with N3 Shocks for 1999-2004 Jeep Grand Cherokee

Part number: 639P

trailfortress.com/rough-country-4-inch-lift-kit-639p

Scan for fitment, price and install help



WJ JEEP 4” Front and 3.5” Rear Lift Kit W/ Adj. Lower Control arms & Fr Adj. Track Rod

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 265 / 75R-16 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.

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
- 14mm Socket / Wrench
- 15mm Socket / Wrench
- 18mm Socket / Wrench
- 19mm Socket / Wrench
- 21mm Socket / Wrench
- 22mm Socket / Wrench
- 33mm Socket
- 5/8” Wrench
- Pitman Arm Puller
- Drill Motor
- 3/8” Drill Bit
- Pry Bar
- Floor Jack
- Jack Stands
- Spring Compressor
- Lithium Based Grease

Torque Specs:

Size	Grade 5	Grade 8
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
8MM	18ft/lbs	23 ft/lbs
10MM	32ft/lbs	45ft/lbs
12MM	55ft/lbs	75ft/lbs
14MM	85ft/lbs	120ft/lbs