TRAIL FORTRESS

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Rough Country 27920 Installation Instructions

6-Inch Lift Kit with N3 Shocks for GM 1500 SUVs (2000–2006)

Part number: 27920

trailfortress.com/rough-country-6-inch-lift-kit-27920

Scan for fitment, price and install help

ROUGH COUNTRY SUSPENSION SYSTEMS®

1272BAG10

00-06 CHEVY/GM TAHOE, YUKON, SUBURBAN, YUKON XL & AVALANCE 6” NTD LIFT

Thank you for choosing Rough Country for all of your suspension 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 next page. Be sure you have all the needed parts and understand where they go. Also please review the tools needed list to be certain that you have the tools necessary to complete the installation.

PRODUCT USE INFORMATION

⚠WARNING We strongly recommend, because of rollover possibility, that seat belts and shoulder harnesses should be worn at all times. Braking performance and capabilities are decreased when significantly larger/heavier tires and wheels are used. Take this into consideration while driving.
Do no add, alter, or fabricate any factory or after-market parts which increase vehicle height over the intended height of the Rough Country product purchased. Mixing component brands, lifts, with this suspension 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.

⚠NOTICE Due to differences in manufacturing, dimension and inflated measurements, tire and wheel combinations should be test fit prior to installation. For this application we recommend a wheel not to exceed 9” in width with 4.5 “ of backspacing.. Additionally a quality tire of radial design is recommended, not exceeding 35” tall and 12.5” wide. If this vehicle was equipped from the factory with 17” wheels and if purchasing new wheels, the wheel size must not be below 17” but can be larger than 17” due to the vehicle being equipped with larger calipers /rotor.

⚠NOTICE **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 on too the vehicle owner for review and to be kept in the vehicle for its service life.

⚠NOTICE Note to installer : Before installation begins we recommend that a test drive be performed. While driving check for uncommon sounds and/or vibrations . What you feel and hear during the test drive will only magnify once lift kit is installed. Advise you to discuss possible issues identified from drive with customer before proceeding to install this kit.

TOOLS NEEDED:

Floor Jack
Jack Stands
10mm socket /wrench
11mm socket /wrench
13mm Deep Socket
13mm wrench
15mm socket / wrench
17mm socket / wrench
18mm socket /wrench
19mm socket /wrench
21mm socket /wrench
24mm socket /wrench
35mm socket
9/16 socket /wrench
7/8” deep well socket
Torsion bar Tool
Drill
17/32 Drill Bit
Loc-Tite
Reciprocating Saw

TORQUE SPECS:

Size	Grade 5	Grade 8	Class 8.8	Class 10.9	
5/16”	15 ft/lbs	20 ft/lbs	6MM	5 ft/lbs	9 ft/lbs
3/8”	30 ft/lbs	35 ft/lbs	8MM	18ft/lbs	23 ft/lbs
7/16”	45 ft/lbs	60 ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2”	65 ft/lbs	90 ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16”	95 ft/lbs	130 ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8”	135 ft/lbs	175 ft/lbs	16MM		