TRAIL FORTRESS

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Rough Country 10900 Installation Instructions

6 Inch Lift Kit for Chevrolet Suburban 4WD (2021-2024)

Part number: 10900

trailfortress.com/6-inch-lift-kit-chevy-suburban-gmc-yukon-xl-4wd-rough-country-10900

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ROUGH COUNTRY SUSPENSION SYSTEMS®

109INSTBAG1

CHEVY 2021 Tahoe/Suburban 6” Lift 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.

Please read instructions before beginning installation. Check the kit hardware. Be sure you have all needed parts and know where they go.

PRODUCT USE INFORMATION

⚠WARNING 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.

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. We will be happy to answer any questions concerning the design, function, and correct use of our products.

This kit is packaged as a leveling kit—raising the front 6” and the rear 5”.

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 35” x 12.5” tire with 20” x 9” wheel and a offset of –12mm or –6mm offset with a 1/4” wheel spacer. 20x10 wheels require –24mm offset or –18mm offset with a 1/4” wheel spacer. **Max backspacing of 4.5”**. If wider tires are used trimming may be required.

⚠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.

Tools Needed:

T10 Torx Bit	9/16” socket/wrench
T30 Torx Bit	5/8” socket/wrench
8mm Allen Socket	11/16” socket/wrench
10mm socket/wrench	3/4” socket/wrench
11mm socket/wrench	13/16” socket/wrench
13mm socket/wrench	15/16” socket/wrench
15mm socket/ wrench	1 1/16” socket/wrench
17mm socket/wrench	Floor Jack /Jack Stands
18mm socket/wrench	Torsion bar Tool
19mm socket/wrench	Reciprocating Saw
21mm socket/wrench	Drill
22mm socket/wrench	11/16” Drill Bit
24mm socket/wrench	Hand Grinder
36mm socket	Thread Locker

Torque Specs:

Size	Grade 5	Grade 8
5/16”	15 ft/lbs	20 ft/lbs
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
3/4”	185 ft/lbs	280 ft/lbs

	Class 8.8	Class 10.9
6MM	5 ft/lbs	9 ft/lbs
8MM	18ft/lbs	23 ft/lbs
10MM	32ft/lbs	45ft/lbs
12MM	55ft/lbs	75ft/lbs
14MM	85ft/lbs	120ft/lbs
16MM	130ft/lbs	165ft/lbs
18MM	170ft/lbs	240ft/lbs