TRAIL FORTRESS

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Rough Country 52430 Installation Instructions

6-Inch Lift Kit for 2004-2008 Ford F-150 2WD

Part number: 52430

trailfortress.com/rough-country-6-inch-lift-kit-52430

Scan for fitment, price and install help

ROUGH COUNTRY SUSPENSION SYSTEMS®

1523BAG3

04-08 Ford F150 2wd 4 - 6” 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 against the parts list on the next 2 pages. Be sure you have all needed parts and know where they go. Also please review tools needed list and make sure you have needed tools.

PRODUCT USE INFORMATION

⚠WARNING As a general rule, the taller a vehicle is, the easier it will roll. We strongly recommend, because of rollover possibility that 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. If questions exist we will be happy to answer them concerning the design, function, and correct use of our products.

The 4 suspension system was developed using a 33X12.50/18 tire with 18 x 9 wheel with 4 1/2 backspace. When using a stock wheel the maximum tire width is 11 1/2 . The lifts were designed to lift the front to level the vehicle. Due to manufacturing, dimension variances, and inflation all tire and wheel combinations should be tested prior to installation on all oversized / wider then stock tires We recommend a wheel not exceeding 8" in width be used with a minimum backspacing of 4.5" to a maximum of 5".

The 6 suspension system was developed using a 35X12.50/18 tire with 18 x 9 wheel with 4 1/2 backspace. When using a stock wheel the maximum tire width is 11 1/2 . The lifts were designed to lift the front to level the vehicle. Due to manufacturing, dimension variances, and inflation all tire and wheel combinations should be tested prior to installation on all oversized / wider then stock tires We recommend a wheel not exceeding 8" in width be used with a minimum backspacing of 4.5" to a maximum of 5".

⚠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.

Tools Needed:

5mm wrench /socket
8mm wrench /socket
10mm wrench /socket
11mm wrench /socket
12mm 12 point wrench
14mm wrench /socket
15mm wrench /socket
16mm wrench /socket
18mm wrench /socket
19mm wrench /socket
21mm wrench /socket
22mm wrench /socket
24mm wrench /socket
30mm wrench /socket
Floor Jack
Jack stands
Hammer
7/16” wrench /socket
9/16 wrench /socket
5/8” wrench /socket
3/4” wrench /socket
1 1/16 socket
Reciprocating Saw
Strut Compressor (**Strut Kits Only)**

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	130ft/lbs	165ft/lbs
3/4”	185 ft/lbs	280 ft/lbs	18MM	170ft/lbs	240ft/lbs