TRAIL FORTRESS

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Rough Country 50850 Installation Instructions

6-Inch Lift Kit with Vertex Shocks for Super Duty 4WD (2017–2022), Part 50850

Part number: 50850

trailfortress.com/rough-country-6-inch-lift-kit-50850

Scan for fitment, price and install help

921560200C

ROUGH COUNTRY SUSPENSION SYSTEMS®

1560BAG4

2017 F250 6” 4-LINK SUSPENSION KIT

Thank you for choosing Rough Country for 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 parts list. Be sure you have all the needed parts and understand where they go. Also please review the 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 seat belts and shoulder harnesses should be worn at all times. Avoid situations where a side rollover may occur.

Braking performance and capabilities are decreased when larger/heaver tires and wheels are used. Also, consider the additional stress introduced on suspension, steering and related components. Take this into consideration while driving. Also, speedometer recalibration is necessary when larger tires are installed.

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, and/or combining body lift with 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.

Due to vehicle options and ride height variances, the advertised amount of lift is an assumed figure. Final ride height may vary. Always measure vehicle ride height prior to kit installation.

This 6” suspension system was developed for **37x12.50x17** tire on an after market wheel w/ 4.5” back spacing.

NOTICE TO DEALER AND VECHICLE OWNER

⚠NOTICE

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:

15mm Socket / Wrench
18mm Socket / Wrench
18mm Socket / Wrench
19mm Socket / Wrench
21mm Socket / Wrench
24mm Socket / Wrench
30mm Socket / Wrench
46mm or 1-13/16” Socket
5/8” Socket / Wrench
3/4” Socket / Wrench
10mm Socket / Wrench
12mm Socket / Wrench
1 7/8” Socket / Wrench
Pliers
Coil Spring Compressor
Pitman Arm Puller
Jack Stands
Jack
Torque Wrench

Torque Specs:

Size	Grade 5	Grade 8
8MM	18ft/lbs	23 ft/lbs
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