TRAIL FORTRESS

BUILT FOR THE TRAIL. CHECKED FOR YOUR TRUCK.

Rough Country 54640 Installation Instructions

6-Inch Lift Kit with M1 Shocks for 2004–2008 Ford F-150 4WD

Part number: 54640

trailfortress.com/rough-country-6-inch-lift-kit-54640

Scan for fitment, price and install help

92157600D

ROUGH COUNTRY SUSPENSION SYSTEMS®

576INSTBAG

04-08 FORD F150 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 rollo- [illegible] at 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.

This suspension system was developed using a 35X12.50/17, tire on aftermarket 17” wheels with 4 1/2-5” backspace. The lift was designed to lift the front 6” and the rear 5-5 1/2” 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 **Rough Country recommends not operating the vehicle in 4 wheel drive above 40 mph. Doing so [illegible] low frequency front driveshaft vibration. See Driveshaft Re-clocking Instructions.**

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 [illegible] sh. The decal should act as a constant reminder for whoever is operating the vehicle of its unique handling characteristics.

Tools Needed:

5mm wrench /socket	Floor Jack
8mm wrench /socket	Jack stands
10mm wrench /socket	Hammer
11mm wrench /socket	7/16” wrench /socket
12mm 12 point wrench	9/16 wrench /socket
14mm wrench /socket	5/8” wrench /socket
15mm wrench /socket	3/4” wrench /socket
16mm wrench /socket	1 1/16 socket
18mm wrench /socket	Drill
19mm wrench /socket	17/32” Drill Bit
21mm wrench /socket	Strut Compressor (**For**
22mm wrench /socket	**Strut Kit Only**)
24mm wrench /socket	
30mm wrench /socket	

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