Rough Country 478.20 Installation Instructions

4.5-Inch Lift Kit with N3 Shocks for Ford Super Duty 4WD (2008-2010)

Part number: 478.20

trailfortress.com/rough-country-4-5-inch-lift-kit-478-20

Scan for fitment, price and install help

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ROUGH COUNTRY SUSPENSION SYSTEMS®

1594BAG3

08-10 F250 4.5 OR 6" 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 significantly larger/heaver tires and wheels are used. 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.

This kit is packaged as a leveling kit—raising the front 6" and the back 5". If you desire a different look or if the vehicle has a tool box or added weight in the rear, please consult with your sales representative about block / u-bolt options.

This 6" suspension system was developed for **37x12.50x17** tire on an after market wheel w/ 4.5" back spacing.
If equipped with factory rear contact overload springs, please note that they will need to be removed with the addition of the block /add-a-leaf combination on this kit.

⚠NOTICE NOTICE TO DEALER AND VECHICLE 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.

Kit Contents:

9295	Diesel Coil Springs
OR	
9296	6" Gas Coil Springs
	4.5" Diesel Coil Springs
1594Box1	Track Bar Bracket
	Radius arm Drop Brkts
	Sway Bar links
	Pass Sway Bar Bracket
	Driver Shim Plate
	Carrier Drop Bracket
	Pitman Arm
	Bumpstop spacer
	Dr & Pass Brake Lines
1580Box4	Shock Box
6" Kit	
6111	Add-a-leaf
6578	3" Block and U-Bolt Kit
4.5" Kit	
1563BOX3	6.5" Block and U-Bolt Kit

Tools Needed:

8mm Wrench	1 1/8" Wrench
10mm Wrench	1 13/16" Wrench
12mm Wrench	Jack Stands
15mm Wrench	Jack
17mm Wrench	Drill
17mm Socket	Drill Bits– for the 6" kit 13/16-7/8
18mm Wrench	
18mm Socket	
19mm Wrench	
21mm Wrench	
24mm Socket	
30mm 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