# Rough Country 539.20 Installation Instructions

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

Part number: 539.20

trailfortress.com/rough-country-6-inch-lift-kit-539-20

Scan for fitment, price and install help



92153800

# 08-10 F250 6” RADIUS ARM KIT

**Thank you for choosing Rough Country for your suspension needs.**

**⚠WARNING** 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.

**⚠WARNING** 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.

**⚠WARNING** 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 kitð raising the front 6ò and the back 5ò 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.

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

## NOTICE DEALER AND VECHICLE OWNER

Any vehicle equipped with any Rough country product must have the ñWarning to Driverò 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**ð 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 | Gas Coil Springs |
| 1538Box1 | Track Bar Bracket |
| | Sway Bar links |
| | Pass Sway Bar Bracket |
| | Driver Shim Plate |
| | Carrier Drop Bracket |
| | Pitman Arm |
| | Bumpstop spacer |
| | Dr & Pass Brake Lines |
| 1536Box1 | Radius Arm |
| 1580Box4 | Shock Box |
| 6111 | Add-a-leaf |
| 6578 | 3ò Block and U-Bolt Kit |

**Tools Needed:**

| | |
|---|---|
| 8mm Wrench | 1 1/8ò Wrench |
| 10mm Wrench | 1 13/16ò Wrench |
| 12mm Wrench | Jack Stands |
| 15mm Wrench | Jack |
| 17mm Wrench | Drill |
| 17mm Socket | Drill Bits-13/16-7/8 |
| 18mm Wrench | |
| 18mm Socket | |
| 19mm Wrench | |
| 21mm Wrench | |
| 24mm Socket | |
| 30mm Socket | |

**Torque Specs:**

| Size | Grade 5 | Grade 8 |
|---|---|---|
| 5/16ò | 15 ft/lbs | 20 ft/lbs |
| 3/8ò | 30 ft/lbs | 35 ft/lbs |
| 7/16ò | 45 ft/lbs | 60 ft/lbs |
| 1/2ò | 65 ft/lbs | 90 ft/lbs |
| 9/16ò | 95 ft/lbs | 130 ft/lbs |
| 5/8ò | 135 ft/lbs | 175 ft/lbs |
| 3/4ò | 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 |

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