# Rough Country 581.20 Installation Instructions

6-Inch Lift Kit with N3 Shocks for 2005-2007 Ford Super Duty 4WD with Control Arms

Part number: 581.20

trailfortress.com/rough-country-6-inch-lift-kit-581-20

Scan for fitment, price and install help




92158000

# 05-07 F250 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 and the kit contents on the back of these instructions. 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

As a general rule, the taller a vehicle is the easier it will roll. We strongly recommend, because of rollover possibility, that the vehicle be equipped with a functional roll-bar and cage system. 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 your truck has a tool box or something else that is going to bring the rear end down, please consult with your sales repetitive about option higher block and u-bolt options.

The 6” suspension system was developed for 37x12.50x17 tire on an after market 17x9” wheel with 4” of back spacing.

### 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 | Gas Coil Springs |
| Upper Control Arms (2) | |
| Lower Control Arms (2) | |
| Stabilizer Drop Brackets | |
| Track Bar Bracket | |
| Control Arm Bracket | |
| Brake Line Drop Bracket | |
| Sway Bar Link Extension | |
| Pitman Arm | |
| Front and Rear Shocks | |
| Add-a-leaf | |
| 3” 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 | |
| 17mm Socket | |
| 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 |