



92151400
**ROUGH
COUNTRY**
SUSPENSION SYSTEMS

05-09 F250 2" FRONT LEVELING 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 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

Braking performance and capabilities are decreased when significantly larger/heavier tires and wheels are used. Take this into consideration while driving. Also, speedometer recalibration is necessary when larger tires are installed.

Do not 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.

NOTICE TO DEALER AND VEHICLE 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 to the vehicle owner for review and to be kept in the vehicle for its service life.

Kit Contents:

2-Coil spacers
1-514BAG1
2-14mm x 100mm bolts
2-7/16" self tapping bolts

Tools Needed:

18mm wrench
10mm wrench
21mm wrench

INSTALLATION INSTRUCTIONS

1. Using a floor jack under the differential, jack up the vehicle and remove the tires/wheels.
2. Place jack stands under the frame rails and lower floor jack, but do not remove.
3. Remove the lower stock shock bolts using a 18mm wrench. Retain the hardware for reuse.
4. Remove the brake line bracket as shown using a 10mm wrench. **See PHOTO 1.**
5. Remove the sway bar link bolt as shown in **PHOTO 2** using a 18mm wrench to allow the axle to be lowered.

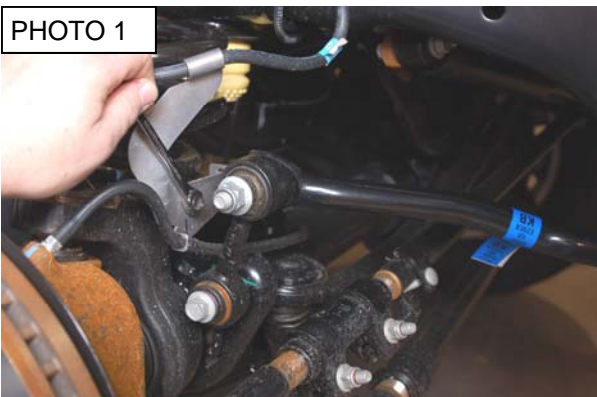
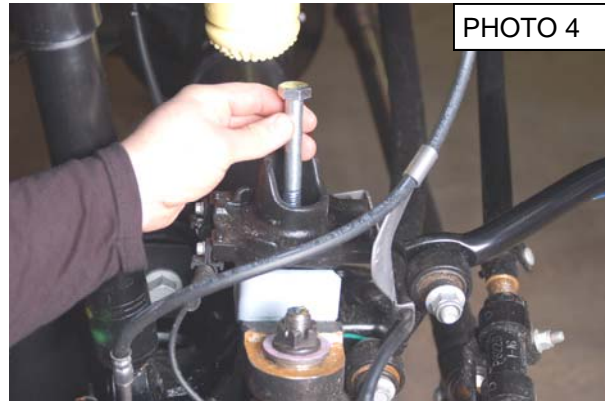


PHOTO 3



PHOTO 4



6. Using the floor jack, lower the axle down to allow the coil spring to be removed.
7. Remove the stock lower spring pad as shown in **PHOTO 3** using a 18mm wrench.
8. Install the new Rough Country spacer as shown in **PHOTO 4** with the supplied 14mm x 100mm bolt with a 22mm wrench and tighten.
9. Using the supplied 5/16 x 3/4" self tapping bolt, install the stock brake line bracket on the new spacer bracket. **See PHOTO 5.**

PHOTO 5



PHOTO 6



10. Reinstall the coil spring and jack up the front of the vehicle to apply pressure to the coils.
11. Reinstall the stock shock absorbers using factory hardware. Tighten fasteners.
12. Install the tire/wheels and lower the vehicle to the ground.
13. Reinstall the stock sway bar link as shown in **PHOTO 6** and tighten using factory hardware.

Post Installation

1. Check all fasteners for proper torque. Check to ensure there is adequate clearance between all rotating, mobile, fixed and heated members. Check steering for interference and proper working order. Test brake system.
2. Re torque all fasteners after 500 miles. Visually inspect components and re-torque fasteners during routine vehicle service.
3. Readjust headlights to proper settings and have steering wheel re-centered.

Maintenance Information

It is the ultimate buyers responsibility to have all bolts/nuts checked for tightness after the first 500 miles and then every 1000 miles. Wheel alignment steering system, suspension and driveline systems must be inspected by a qualified professional mechanic at least every 3000 miles



