



## **FORD SUPERDUTY Leveling Lift System**

Thank you for choosing Rough Country Off Road Gear 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. Be sure you have all needed parts and know where they go.

### **PRODUCT USE INFORMATION**

As a general rule, the taller a vehicle is, the easier it will roll. Offset, as much as possible, what is lost in rollover resistance by increasing tire track width. In other words, go "wide" as you go "tall".

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, 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.

Braking performance and capability are decreased when significantly larger/heavier tires and wheels are used. Take this into consideration while driving.

The required installation time for this system is approximately ½ - 1 hour (see recommended tool list shown below).

This suspension system was developed using a 33 x 12.50R – 17 and 18” tires, on a 8” wheel. Before installing other combinations, please consult your local tire and wheel specialist.

The 1.5”-2” front leveling system comes standard with nothing for the rear. Personal preference, OE options, and aftermarket add-ons may affect the amount of desired lift in the rear and this package can/may have been altered to accommodate individual needs.

If questions exist we will be happy to answer any questions concerning the design, function, and correct use of our products.

### **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 the vehicle’s dash. The decal should 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 forward these installation instructions on to the vehicle owner for review. These instructions should be kept in the vehicle for its service life.

### **RECOMMENDED TOOLS**

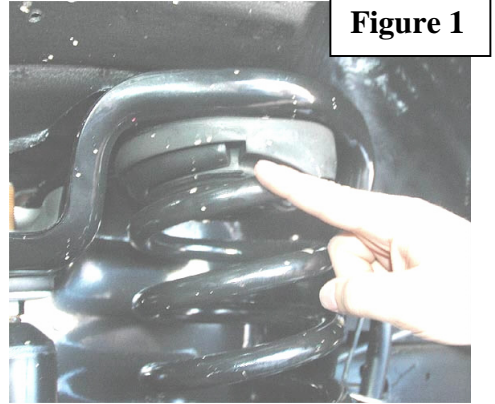
<ul style="list-style-type: none"> <li>Floor jack</li> <li>Heavy duty jack stands</li> <li>Safety glasses</li> </ul>	<ul style="list-style-type: none"> <li>Wheel chocks</li> <li>½” Socket</li> </ul>	<ul style="list-style-type: none"> <li>10mm deep well socket</li> <li>18mm deep well socket</li> <li>21mm deep well socket</li> </ul>
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### **KIT COMPONENTS**

<b>9285</b> -progressive rate front coil springs	<b>Options: Block and U-Bolt Kit , Premium Nitro Shocks Fox Shox</b>
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## **FRONT INSTALLATION INSTRUCTIONS**

1. Place the vehicle on a level surface and chock the rear wheels.
2. Jack up the front of the vehicle and support with jack stands on the frame rail.
3. Remove the front wheels and tires.
4. Steps 5-11 will be repeated for the opposite side.
5. Remove the stock shock absorber. Retain the lower shock mount bolt for reuse if new shocks are being installed.
6. Remove the lower nut on the sway bar link (save for re-install)
7. Remove 10 mm bolt on brake line bracket to allow for movement.
8. Using a floor jack, lower the axle to allow for the coil spring to be removed from the coil mount. Take notice of the position of the coil wraps on the top and bottom spring in the mount. **See Figure 1.** The new Rough Country coil with its progressive rate design built into the coil will be installed in the same position.
9. Install the coil spring with the smaller diameter opening to the bottom and upper end into factory coil isolator.
10. Reinstall brake line bracket, sway bar end link, and shock absorber.
11. Install the wheels/tires. Jack up the vehicle with a floor jack, remove jack stands and lower vehicle to the ground.



**Figure 1**

## **POST INSTALLATION INSTRUCTIONS**

1. Check all fasteners for proper torque. Check to ensure there is adequate clearance between all rotating, mobile, fixed and heated members. Check steering gear for interference and proper working order. Test brake system.
2. Perform steering sweep. Check to ensure brake hoses have sufficient slack and will not contact rotating, mobile, or fixed members, adjust lines/brackets to eliminate interference and maintain proper working order. Failure to perform inspections may result in component failure.
3. Readjust headlights to factory settings.
4. Have vehicle aligned by a certified alignment professional.
5. Re torque all fasteners after 500 miles. Visually inspect components and re torque fasteners during routine vehicle service.

## **MAINTENANCE INFORMATION**

It is the ultimate buyers responsibility to have all bolts/nuts checked for tightness after the first 100 miles and then every 1,000 miles. A qualified professional mechanic must inspect wheel alignment, steering system, suspension and driveline at least every 3,000 miles.