Rough Country 675-76-8130 Installation Instructions

4-Inch Lift Kit with N3 Shocks for Jeep CJ5/CJ7 4WD (1976-1981)

Part number: 675-76-8130

trailfortress.com/rough-country-4-inch-lift-kit-675-76-8130

Scan for fitment, price and install help



76-86 Jeep CJ 4” Lift System

Thank you for choosing Rough Country for all 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 on this page. Be sure you have all needed parts and know where they go. Also please review 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. Seat belts and shoulder harnesses should be worn at all times. Avoid situations where a side rollover may occur.

Generally, braking performance and capability are decreased when larger/heavier tires and wheels are used. Take this into consideration while driving. 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 is not recommended.

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.

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

This suspension system was developed using a 33x12.50x15, tire with factory wheels. **Note** if wider tires are used, offset wheels will be required and trimming will be required.

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

Kit Contents

2– 8019 Front Springs
2– 8020 Rear Springs
1-6606 Power Steering Pitman Arm
1675 Kit Box containing
7-1/2”x2 3/4”x6 1/4” U-bolts
1-1/2” x 3 1/4” x 6 3/4” U-bolts
1 1/2” Bag
2– 3/8” x 4” Center Pins
1-1675Bag1 Spring Bushing Bag
1– 1675Bag2 Sway Bar Bag
1– 1675Bag3 Transfer Spacer Case Bag
2– Sway Bar Links
8114/9114 Shocks

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

Installation Instructions

1. Jack up the front of the vehicle and support the vehicle with jack stands, so that the front wheels are off the ground
2. Remove the front tires/wheels.
3. Remove front shocks
4. Remove front u-bolts and nuts.
5. Raise axle housing with floor jack until axle is free from spring. Support axle with floor jack.
6. Remove spring-eye bolts (Retain stock bolts for reuse) from the front springs, and remove springs.
7. Locate supplied bushings and sleeves. Grease bushings and install in #8019. Install new springs, part # 8019 for the front using factory hardware.
8. Lower axle housing until center pin is located in spring pad.
9. Do not tighten spring bolts until the weight of the vehicle is being supported by the springs. Over-tightening the spring eye bushings can result in a rough ride and premature bushing failure. Tighten only to make the poly bushings slightly swell.
10. Install new u-bolts and hardware. Tighten u-bolts, alternating from bolt to bolt. Torque ½" u-bolts to 60 ft./lbs. and 9/16" u-bolts to 87 ft. /lbs.
11. On the front of the vehicle assemble new sway bar links with poly bushings and sleeves. The factory hardware will not be reused on the upper sway bar mount. Use the supplied 12mm x 1.75 x 80mm bolts, washers and nuts for the upper sway bar mount and reuse the lower factory hardware. **See Photo 1.**

Photo 1

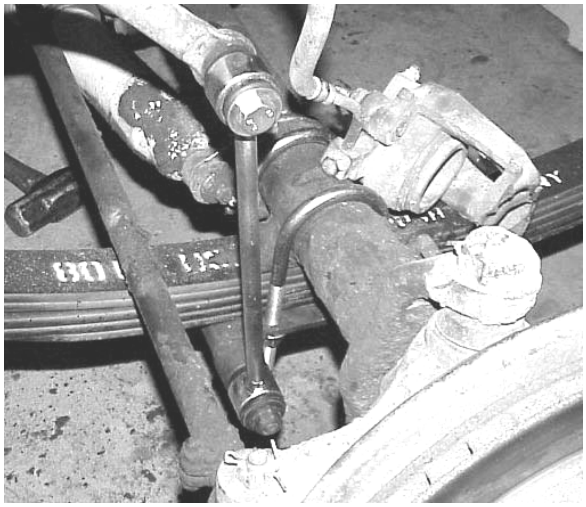
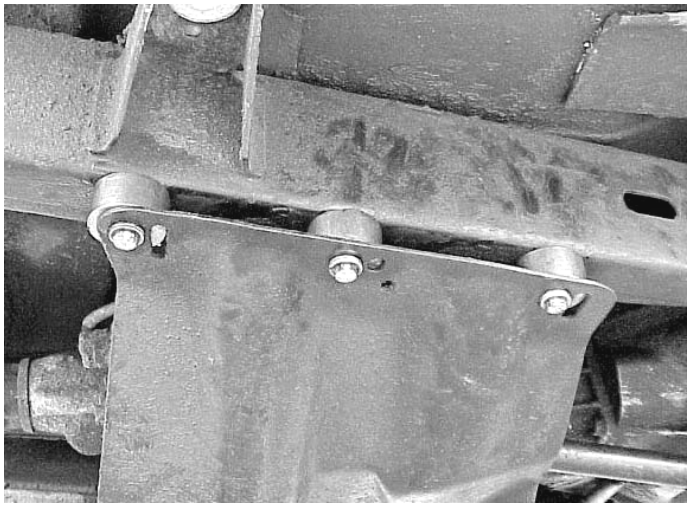


Photo 2



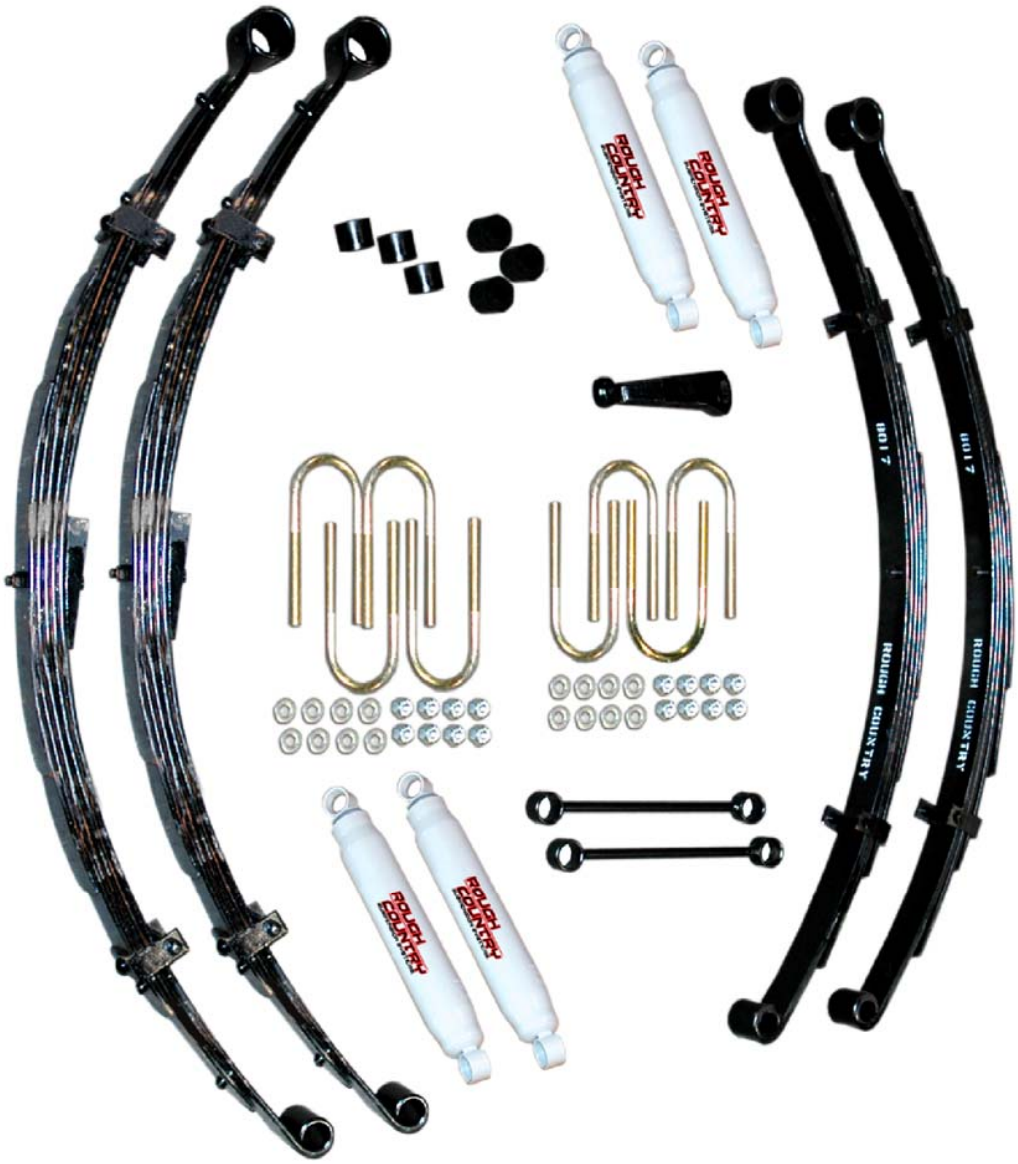
12. Lower vehicle to the ground and install front shocks.
13. After the tires and wheels have been installed and the vehicle has been lowered to the ground the transfer case can be lowered.
14. With a floor jack supporting the transfer case skid plate loosen but do not remove the bolts that secure it to the frame rail. On the opposite side of the vehicle remove the bolts that secure it to the frame rail.
15. nstall the transfer case spacer in between the transfer case skid plate and the frame rail and install the 3/8" bolts and washers. **See Photo 2.**

Rear Installation

1. Jack up the rear of the vehicle and support the vehicle with jack stands, so that the rear wheels are off the ground
2. Remove the rear tires/wheels.
3. Remove rear shocks
4. Remove rear u-bolts and nuts
5. Raise axle housing with floor jack until axle is free from spring. Support axle with floor jack
6. Remove spring-eye bolts (Retain stock bolts for reuse) from the rear springs, and remove springs
7. Locate supplied bushings and sleeves. Grease bushings and install in #8020.
8. Install new springs, part # 8020 for the rear using factory hardware.
9. Lower axle housing until center pin is located in spring pad
10. Repeat for opposite side.
11. Install new u-bolts and hardware. Tighten u-bolts, alternating from bolt to bolt. Torque ½" u-bolts to 60 ft./lbs. and 9/16" u-bolts to 87 ft. /lbs
12. Lower the vehicle to the ground
13. Install the new shock absorbers.

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. Perform steering sweep. The distance between the tire sidewall and the brake hose must be checked closely. Cycle the steering from full turn to full turn to check for clearance. Failure to perform inspections may result in component failure.
3. Re torque all fasteners after 500 miles. Visually inspect components and re torque fasteners during routine vehicle service.
4. Readjust headlights to proper settings.



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.