Rough Country 5061 Installation Instructions

Front Shackle Reversal Kit for 1987–1995 Jeep Wrangler 4WD

Part number: 5061

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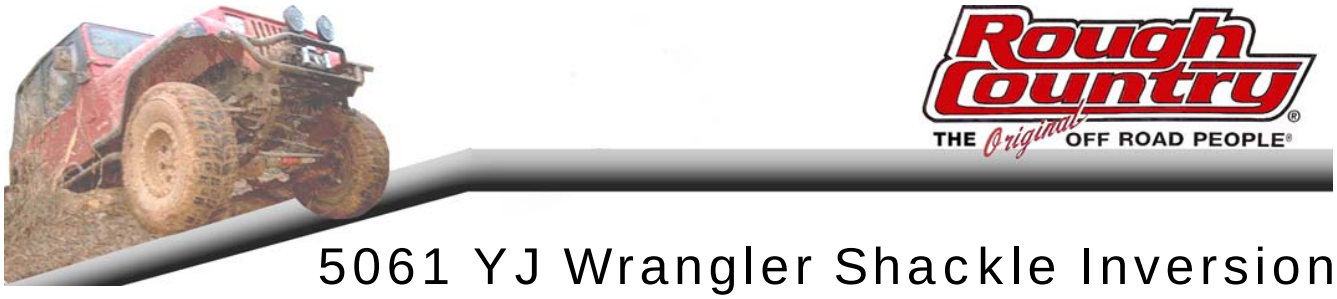
Scan for fitment, price and install help



5061 YJ Wrangler Shackle Inversion

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.

With the installation of all lift kits and larger tires it is important to check the condition of your steering stabilizer. If the stabilizer is worn or is leaking it should be replaced. Steering stabilizers are designed to restrain "bump steering" and front end vibration, giving added life to tires, ball joints, and other steering components.

PRODUCT USE INFORMATION

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.

Installation time for this kit is 2-3 hours

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.

IMPORTANT NOTICE

This bracket kit is not designed to be a lift kit. It's designed to relocate the front spring shackle point from the front of the spring to the rear, vastly improving ride quality. Before starting, verify that your vehicles frame is straight and in alignment. Also, check frame rails for cracks and or heavy rust. Only install this system on vehicles in good sound shape.

With the installation of this kit the front driveshaft will pull out slightly revealing more of the drive shaft. This is common and necessary for the Jeep to function properly. The normal operating travel of the front end with this kit has been changed to swing rearward instead of front ward. The driveshaft length should not be changed. If a new driveshaft is desired, the new shaft must be stock length or run the risk of a longer shaft bottoming out and impacting the transfer case.

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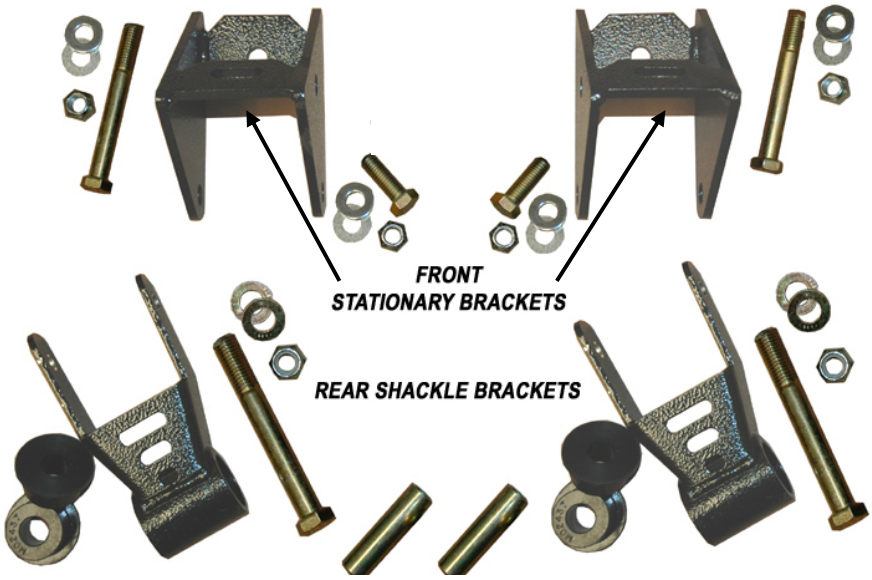
INSTRUCTION SHEET

RECOMMENDED TOOLS

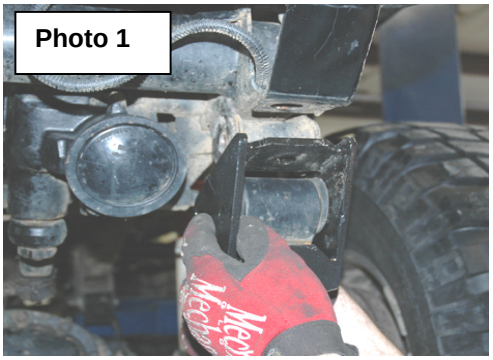
• Pry Bar • T55 socket • Safety glasses • Wheel chocks • Floor jack	• Mechanic gloves • Hammer • 19mm deep well socket • Alignment spike • 22mm deep well socket	• 19mm wrench • 22mm wrench

KIT CONTENTS



INSTALLATION INSTRUCTIONS

1. Lift front of vehicle and place jack stands under front of frame rails. Remove front wheels.
2. Support front axle assembly with stands. Remove front shackles.
3. Install front brackets. Slide bracket into place (**See Photo #1)** and install new ½ x 4 ½" bolt, nut and washers. **Final tightening is done in a later step. It is best that the Jeep have weight on the suspension when tightening. Do not tighten hardware until the vehicle is on the ground and has weight on the suspension.**
4. Locate the slotted hole on the Rough Country bracket. The hole utilizes the stock bumper bolt. The hole on the underside of the bracket utilizes a stock hole on the front factory bracket. Use the supplied ½" x 1 ½" bolt, nut and washers. **See Photo #2 & 3**







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5. Install the leaf spring in the new bracket with the factory bolt. **See Photo #4**.
6. For the rear part of the kit a new shackle is included with the kit. Locate this bracket. Using the supplied grease packet, lubricate the supplied poly bushings and sleeves and install in shackle.
7. Install the shackle on the factory spring mounting location with factory hardware.
8. Install the leaf spring in the shackle using the supplied 14mm x 110mm (4 ¼") bolt and hardware.
9. **See Photo #5.**
10. Install the tires and wheels.
11. Jack up the vehicle and remove the jack stands. Lower the vehicle to the ground.
12. Torque lug nuts to factory specifications.
13. Tighten front ½" bolts to 65 ft/lbs and rear mount 14mm bolts to 75ft\lbs on shackle inversion kit.

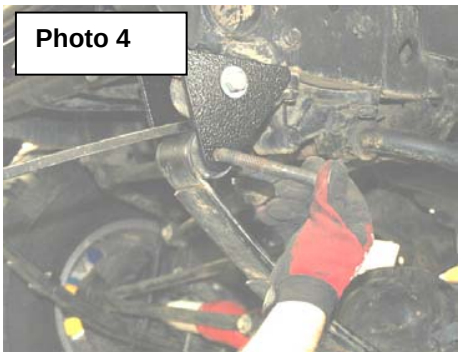
Photo 4

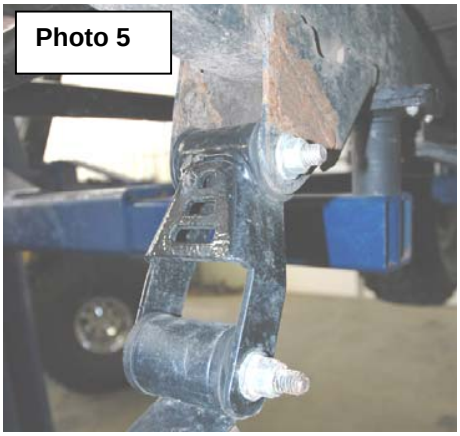
Photo 5

MAINTENANCE INFORMATION

It is the ultimate buyers responsibility to have all bolts/nuts checked for tightness after the first 100 miles and then every 1000 miles. A qualified professional mechanic must inspect wheel alignment steering system, suspension and driveline systems at least every 3000 miles.

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