Rough Country 8749630 Installation Instructions

N3 Steering Stabilizer for Jeep Cherokee & Grand Cherokee (1999-2004)

Part number: 8749630

trailfortress.com/rough-country-n3-steering-stabilizer-8749630

Scan for fitment, price and install help



JEEP WJ DUAL 2.2 SERIES STABILIZER KIT

Thank you for choosing Rough Country for your off road 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. 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.

NOTE: THIS STABILIZER IS FOR USE WITH VEHICLES LIFTED 4". INSTALLING THIS STABILIZER ON A STOCK UNLIFTED VEHICLE IS NOT RECOMMNENDED.

KIT CONTENTS:
1-Center axle bracket
1-Tie rod brackets
2-Stabilizer Cylinders
1-Center Cover Bracket
1—Kit Bag Containing
- 3—½" x 2½" Bolts
- 3—½" Nuts
- 3—½" Washers
- 2—⅜" 1 ½" x 2 3/16" U-bolts
- 1—⅜" x 2 ½" x 3 1/4" U-bolts
- 6—⅜" Flanged Locknuts
- 3— 1/2" ID x 1 1/2" Sleeves
- 1— 3/8" IDx 1.40 Sleeve
- 1— 3/8 x 3 1/2 Bolt
- 1— 3/8 Nut
- 1— 3/8 Washer

TOOLS NEEDED:
9/16" Wrench
3/4" Wrench
15mm Wrench

TORQUE SPECS:

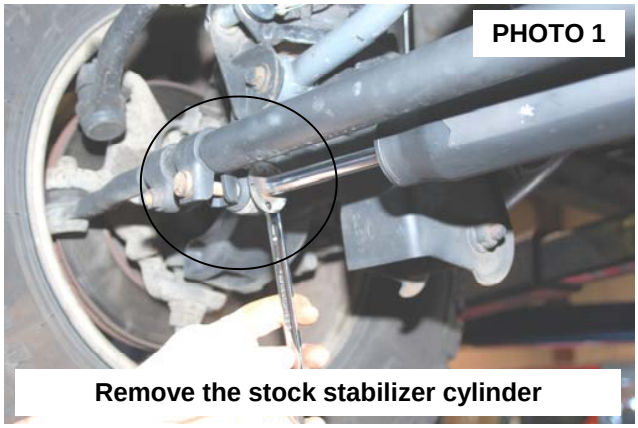
⅜"	10 ft/lbs - 15 ft/lbs
½"	40 ft/lbs - 45 ft/lbs



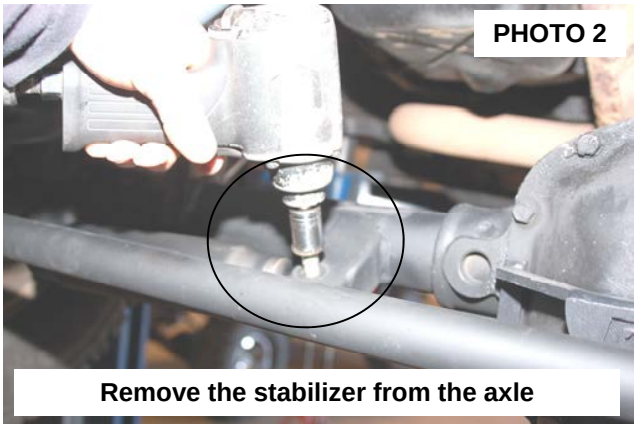
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SUSPENSION SYSTEMS

DUAL STABILIZER INSTALLATION INSTRUCTIONS

1. Jack up the front of the Jeep and lower onto jack stands to allow the front wheels to turn.
2. Remove the factory steering stabilizer with a 15mm socket and wrench. Save the factory bolt in the center mount of the axle, this will be used later in the install. **See Photo 1 & 2.**

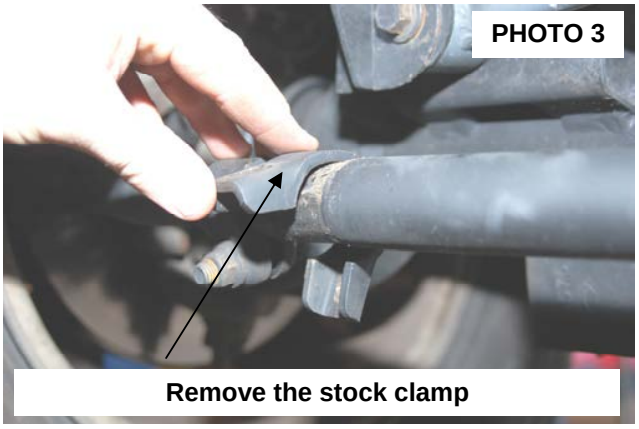


Remove the stock stabilizer cylinder

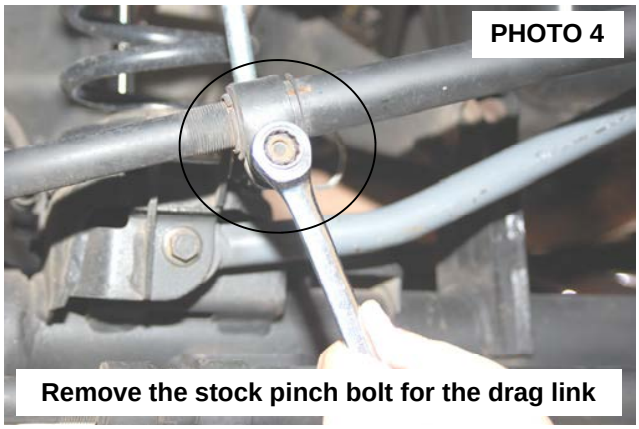


Remove the stabilizer from the axle

3. Using a pry bar, spread open the clamp enough for the bracket to be removed from the tie rod , as it will not be used. **See Photo 3.**
4. Remove the pinch bolt for the steering link with a 15mm socket and wrench. This bolt will be replaced later with a longer bolt. **See Photo 4.**

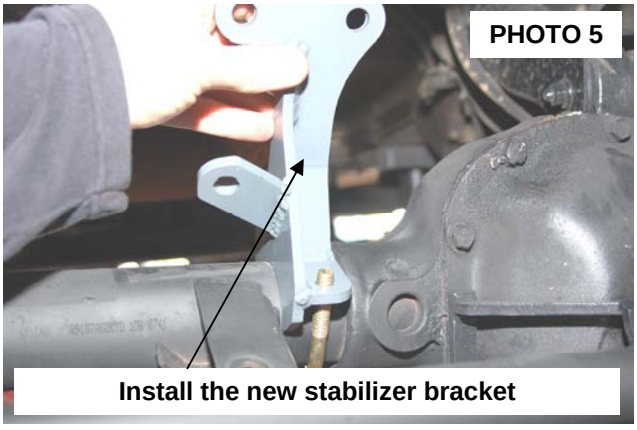


Remove the stock clamp



Remove the stock pinch bolt for the drag link

5. Install the center stabilizer axle bracket with the 2- 3/8” x 2 1/2” x 3 1/4” long u-bolts and 3/8 flange nuts. Hand tighten. **See Photo 5.**
6. Install the 1/2” I.D. x 1 3/8” long crush sleeve from poly bag into the factory mount, use the stock stabilizer bolt to finish mounting the axle bracket. Tighten factory bolt with a 15mm socket and then tighten the two u-bolts with a 9/16” wrench. **See Photo 6.**



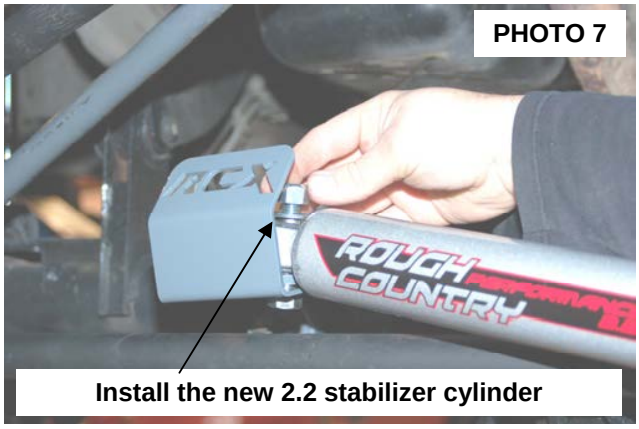
Install the new stabilizer bracket

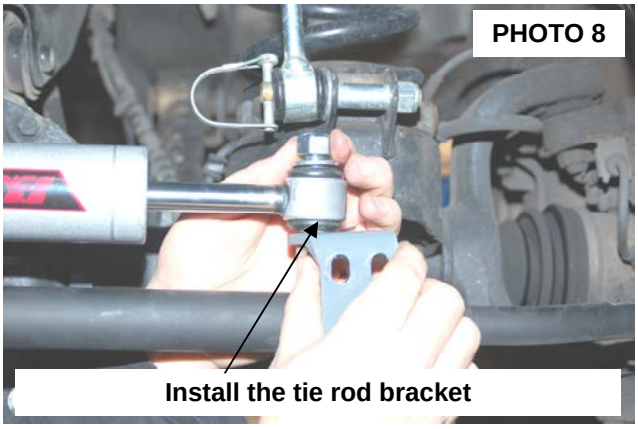


Install the supplied sleeve

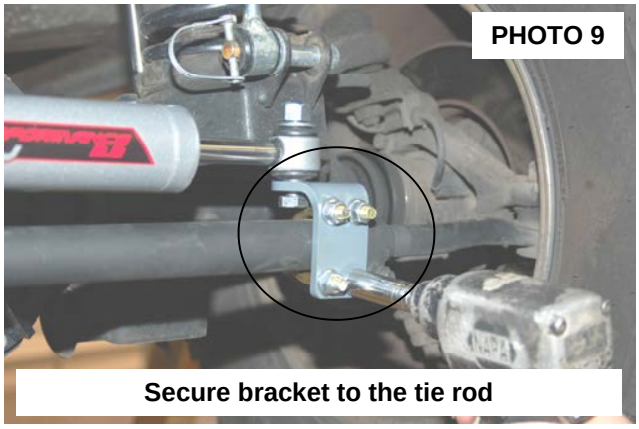
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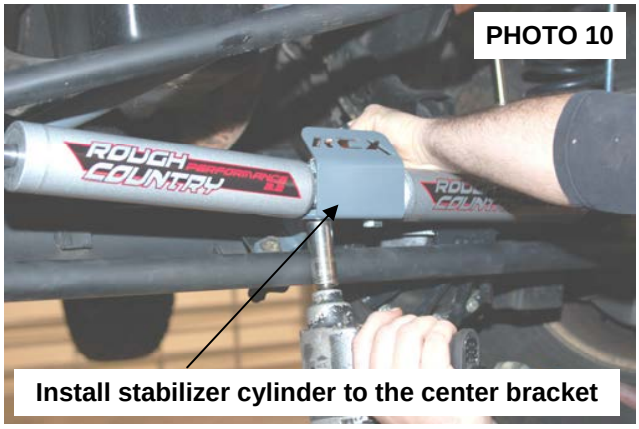
7. Using the thick wall sleeve 3/8” I.D x 1.400 long in the poly bag, insert this sleeve into the rod end of one of the stabilizer cylinders. This cylinder will be used on the passenger side.
8. Install the 3 shock remaining sleeves 1/2” I.D. x 1 1/2” into the stabilizer bushings.
9. Turn the wheels all the way to the driver side. Insert one of the 1/2” x 2 1/2” long bolts through the RCX cover plate and the center axle bracket. Next slide the stabilizer with sleeve over the bolt and hand tighten the nut. **See Photo 7.**
10. Install the 1/2” x 2 1/2” long bolt from the poly bag through the tie rod bracket and then install the stabilizer rod end with the 1/2” washer and nut. Tighten with a 3/4” socket and wrench. **See Photo 8.**





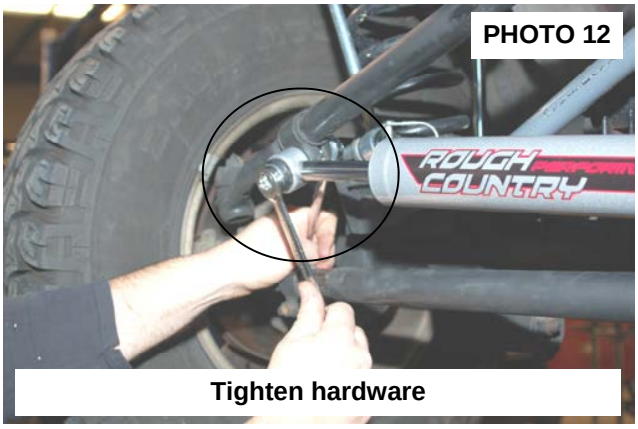
11. Next using the 2- 3/8” x 1 1/2” u-bolts and 3/8” flange nuts, install the tie rod bracket to the drag link. Extend the stabilizer 1/4” from fully extended and tighten the 3/8” flange nuts with a 9/16” socket. **See Photo 9.**
12. Using the 1/2” x 2 1/2” bolt, washer and nut, install the passenger side stabilizer to the center axle bracket. Tighten the passenger and driver stabilizer with a 3/4” socket and wrench. **See Photo 10.**





13. Install the 3/8” x 3 1/2” bolt and washer from the poly bag through the stabilizer rod end with the thick sleeve. Next slide a 3/8” washer on the bolt and insert the bolt into the factory steering link clamp. Secure with a washer and 3/8” nut. Tighten with a 9/16” socket and wrench. **See Photo 11 & 12.**





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14. Jack up the vehicle. remove the jack stands, and then lower the vehicle to the ground.

Post Installation Notes:

- **Cycle the wheels to the left to right to make sure nothing is contacting the stabilizers. It may be necessary to turn the factory steering link clamp to avoid contact on the sway bar link mount on the axle. Failure to turn the clamp if needed will result in damage to the stabilizer unit.**

Finished Dual Assembly



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