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Rough Country 1143 Installation Instructions

Heavy-Duty Tie Rod Kit for Jeep Cherokee and Wrangler

Part number: 1143

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ROUGH COUNTRY SUSPENSION SYSTEMS®

TJ / XJ STEERING TIE ROD UPGRADE KIT

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

Please read all the instructions before beginning the installation.

PRODUCT USE INFORMATION

We will be happy to answer any questions regarding our products by calling us @ 800-222-7023. Rough Country will not be responsible for any product that is altered. **This kit is intended for use on vehicles with 4"-6" lift.**

KIT CONTENTS

1-Tie Rod Body
1-Poly Bag
1-Right Hand Nut (Silver)
1-Left Hand Nut (Black)



TOOLS NEEDED

13mm Wrench / Socket
1 1/8" Wrench

INSTALLATION INSTRUCTIONS

1. Measure the stock tie rod body from center of end to center of end and record that measurement.
2. Remove the stock tie rod body on the drivers side and passenger side as shown in **Photo 1 & 2** using a 13mm wrench.
3. Remove the factory tie rod ends from the stock tie rod body by turning the center link until the tie rod end threads are free. The factory ends will be reused with the new tie rod body. **One end of the steering assemble can be removed either from the knuckle or the drag link to ease installation.**



PHOTO 1

REMOVE THE STOCK DR SIDE CLAMP



PHOTO 2

REMOVE THE STOCK PASS SIDE CLAMP

4. Assemble the factory tie rod ends on the new tie rod body with the supplied 3/4" jam nuts and adjust to the factory length.
5. Reinstall the tie rod body assemble on the knuckle to the recorded measurement in Step 1. Please note, there is a right and left hand thread nut. The right hand nut is silver in color and the left hand nut is black in color. **See Photo 3.**
6. Tighten the jam nuts using a 1 1/8" wrench.



PHOTO 3

INSTALL THE NEW TIE ROD AND JAM NUTS

POST INSTALLATION

1. Even though the front is should have been set back to the factory measurements, a front end realignment is recommended.
2. Install Warning to Driver decal on sun visor.
3. Re-torque all nuts and bolts after the first 500 miles, and then check periodically thereafter.