TRAIL FORTRESS

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Rough Country 51035 Installation Instructions

HD Tie Rod Sleeves for 2021-2025 Ford Bronco 4WD

Part number: 51035

trailfortress.com/rough-country-hd-tie-rod-sleeves-51035

Scan for fitment, price and install help

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ROUGH COUNTRY SUSPENSION SYSTEMS®

Ford 2021-22 Bronco HD Tie Rod Sleeves

Thank you for choosing Rough Country for your suspension 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.

⚠WARNING PRODUCT USE INFORMATION

Do not add, alter this Rough Country product. We will not be responsible for any product that is altered.

⚠NOTICE NOTICE TO DEALER AND VEHICLE OWNER

Any vehicle equipped with any Rough country product must have the “Warning to Driver” decal installed on the sun visor or dash. **INSTALLING DEALER**—It is your responsibility to install the warning decal and to forward these installation instructions on to the vehicle owner for review and to be kept in the vehicle for its service life.

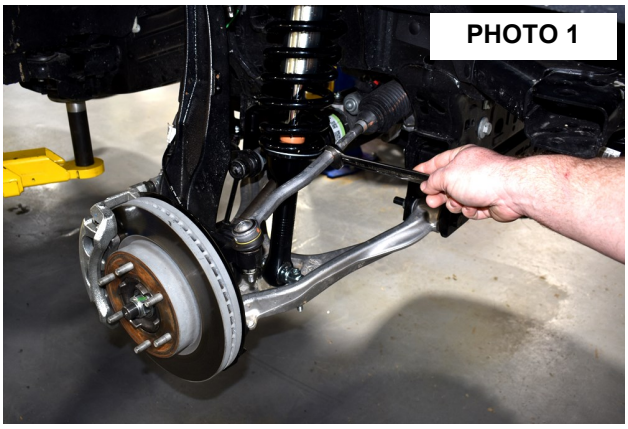
TOOLS NEEDED:
FLOOR JACK
JACK STANDS
Hammer
21MM WRENCH
22MM WRENCH

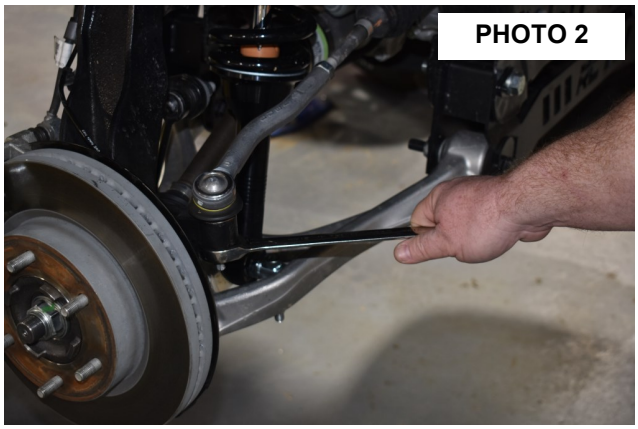
KIT CONTENTS:
2-TIE ROD END SLEEVES



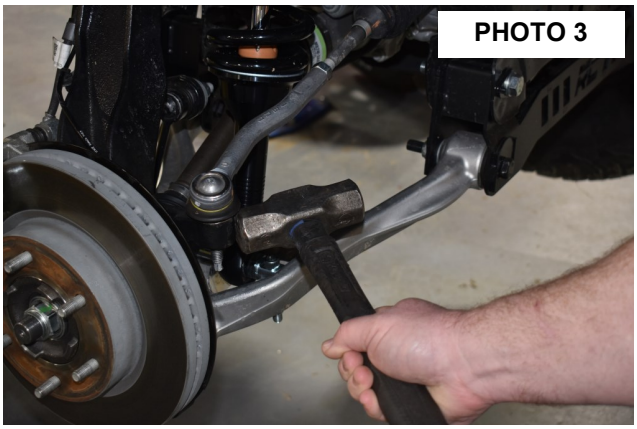
INSTALLATION INSTRUCTIONS

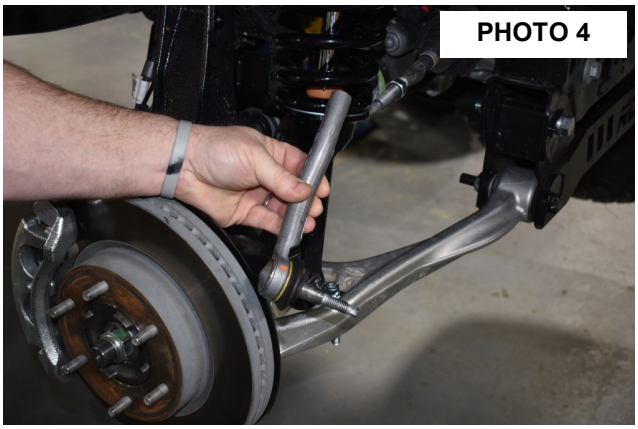
1. Straighten the front wheels on the vehicle and chock the rear wheels.
2. Jack up the front of the vehicle and place jack stands under the frame rails. Lower the vehicle onto the jack stands.
3. Remove the tires / wheels.
4. Using a tape measure, record the total length of the tie rod and the location of the tie rod end. This will ensure the vehicle stays in alignment when the tie rod is reinstalled. **The stock jam nut will not be reused.**
5. Disassembly and installation is performed one side at a time. Loosen the tie rod jam nut using a 21mm wrench. **See Photo 1.**
6. Loosen the tie rod nut using a 22mm wrench. **See Photo 2.**



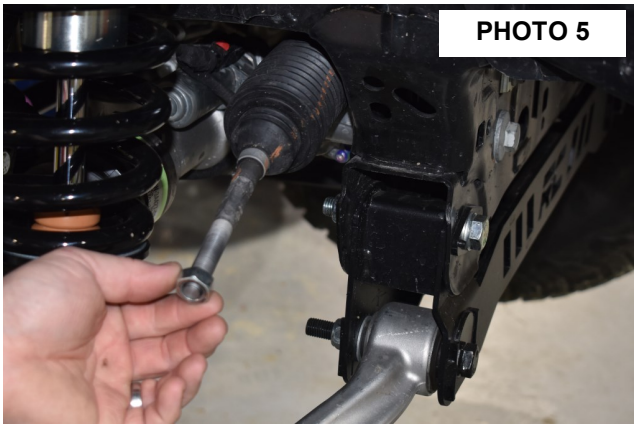


7. Dislodge the tie rod from the knuckle by striking the knuckle as shown. Retain the hardware for reuse. **See Photo 3.**
8. When removing the outer tie rod from the vehicle, **count the number of rotations required to remove the outer tie rod and record that number,** retain for reuse. **See Photo 4.**



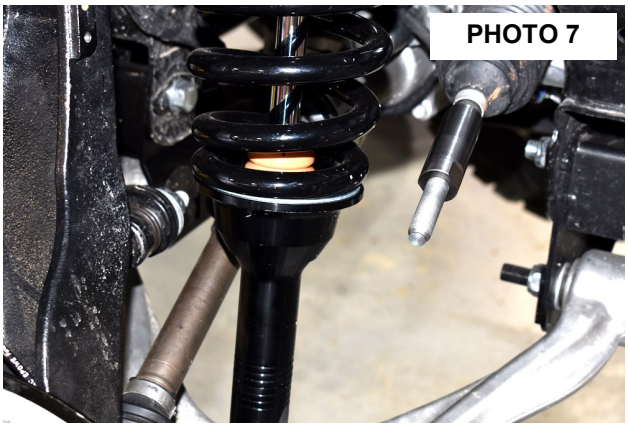


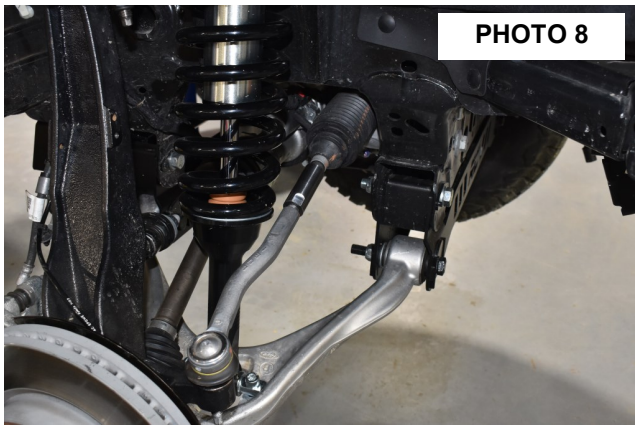
9. Remove the jam nut, this will not be reused. **See Photo 5.**
10. Install the supplied Rough Country tie rod sleeve as shown in **Photo 6.**



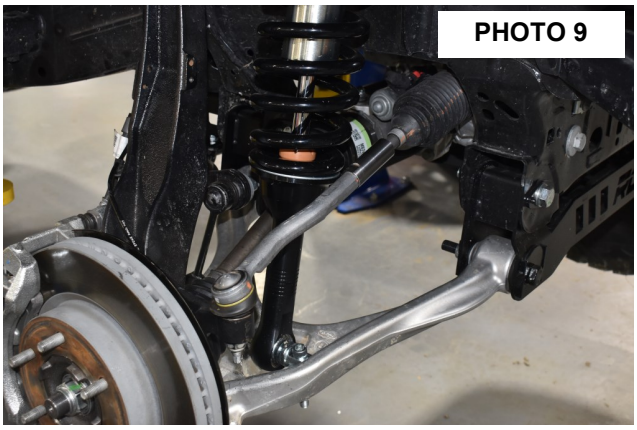


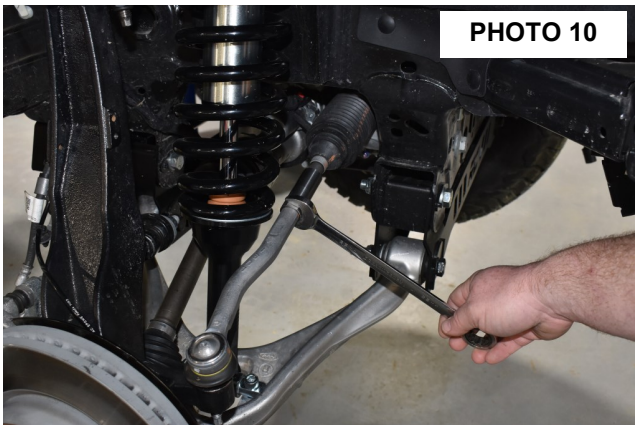
11. Run the sleeve all the way up the inner tie rod to allow for installation of the outer tie rod. **See Photo 7.**
12. Install the outer tie rod using the number of rotations recorded in step 8. **See Photo 8.**



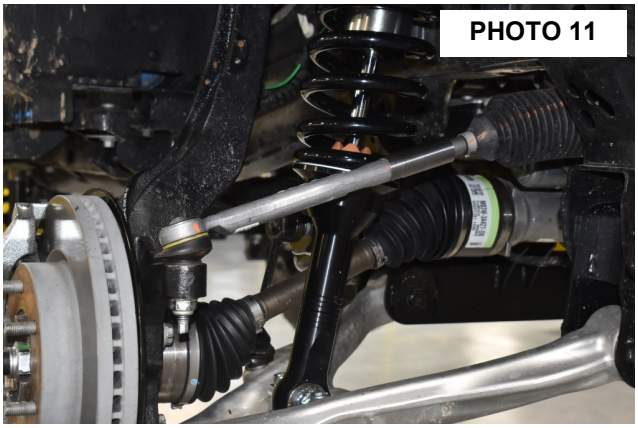


13. Install the outer tie rod into the knuckle, using the factory nut, and tighten using a 21mm wrench. **See Photo 9.**
14. Tighten the Rough Country tie rod sleeve using a 22mm wrench. **See Photo 10.**





15. Install the tires and wheels.
16. Jack up the vehicle and remove the jack stands.
17. Lower the vehicle to the ground.



MAINTENANCE INFORMATION

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

By purchasing any item sold by Rough Country, LLC, the buyer expressly warrants that he/she is in compliance with all applicable , State, and Local laws and regulations regarding the purchase, ownership, and use of the item. It shall be the buyers responsibility to comply with all Federal, State and Local laws governing the sales of any items listed, illustrated or sold. The buyer expressly agrees to indemnify and hold harmless Rough Country, LLC for all claims resulting directly or indirectly from the purchase, ownership, or use of the items.