Rough Country TR019322 Installation Instructions

HD Steering Kit for Jeep Wrangler (2007–2017)

Part number: TR019322

trailfortress.com/hd-steering-kit-jeep-wrangler-rough-country-tr019322

Scan for fitment, price and install help

921TR019322

ROUGH COUNTRY SUSPENSION SYSTEMS®

JK HD Steering Kit

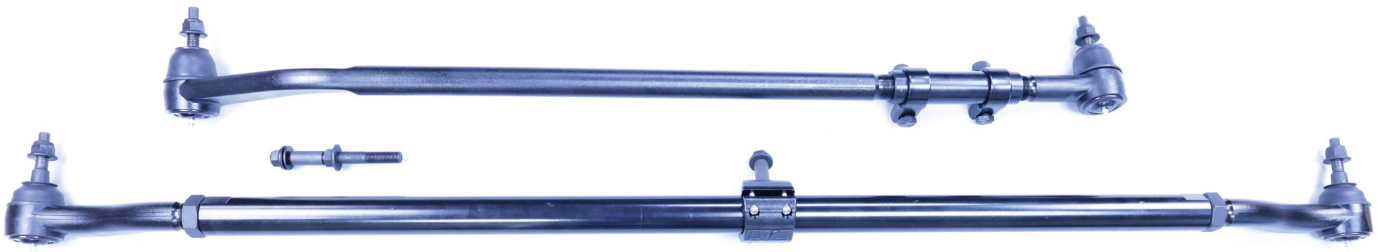
Thank you for choosing Rough Country for all your vehicle needs.

Please read instructions before beginning installation. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go.
If question exist, please call us @1-800-222-7023. We will be happy to answer any questions concerning this product.
Check all fasteners for proper torque. Check to ensure for adequate clearance between all components.
Periodically check all hardware for tightness.

Kit Contents:
Center link x1
Adjustment Collars x1
Clamps x2
Drag Link Rod End x1
Straight Rod End x1
Driver Tie Rod End x1
Passenger Tie Rod End x1

Tools Needed:
3/16 Allen Wrench
13mm Wrench or Socket
19mm Wrench or Socket
1-1/4 wrench

Hardware Included:
Jam Nuts x3
Tie Rod End Nuts x4
Clamp Bolts x2
Clamp Nuts x2

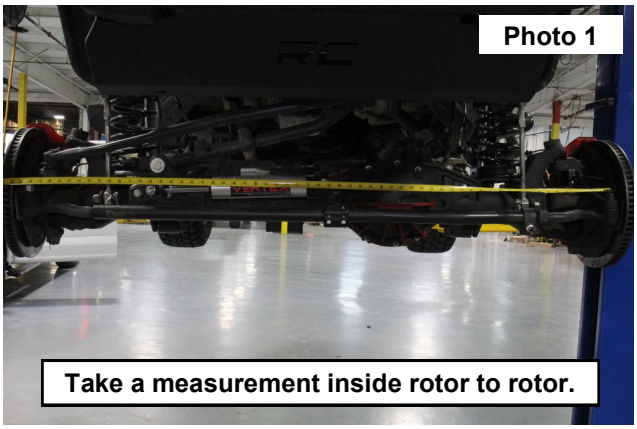


Torque Specs:

Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16”	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8”	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16”	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2”	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16”	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8”	135ft/lbs	175ft/lbs	16MM	130ft/lbs	165ft/lbs
3/4”	185ft/lbs	280ft/lbs	18MM	170ft/lbs	240ft/lbs

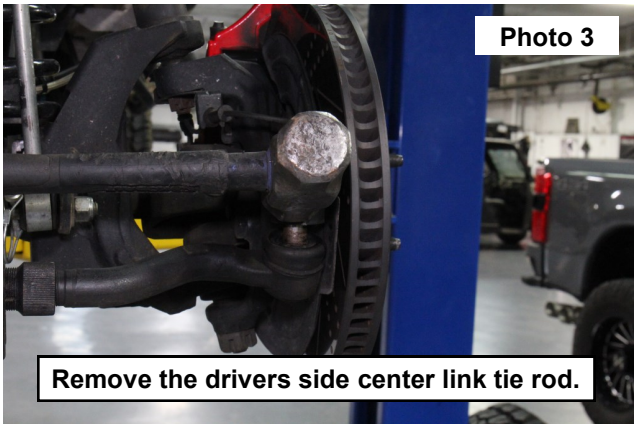
INSTALLATION INSTRUCTIONS

1. Lift the front of the jeep up with the tires off of the ground, Then rest the frame on jack stands.
2. Remove the wheels and tires on each side of the vehicle.
3. Record the measurement from the inside of the Right rotor to the inside of the Left rotor here_____. This will be the starting point when the HD steering cross bar has been installed. **See Photo 1.**
4. Remove the outer center link tie-rod end from the passengers side knuckle using a 21mm socket. Use a hammer to unseat the taper from the knuckle and remove the cross bar. **See Photo 2.**



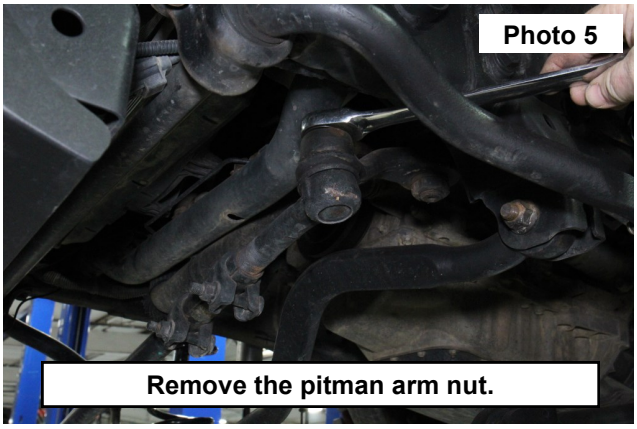


5. Remove the outer center link tie-rod end from the driver side knuckle using a 21mm socket. Use a hammer to unseat the taper from the knuckle and remove the cross bar. **See Photo 3.**
6. Remove the center link from the vehicle.
7. Remove the drag link tie rod end from the knuckle using a 21mm socket. Use a hammer to unseat the taper from the knuckle. **See Photo 4.**



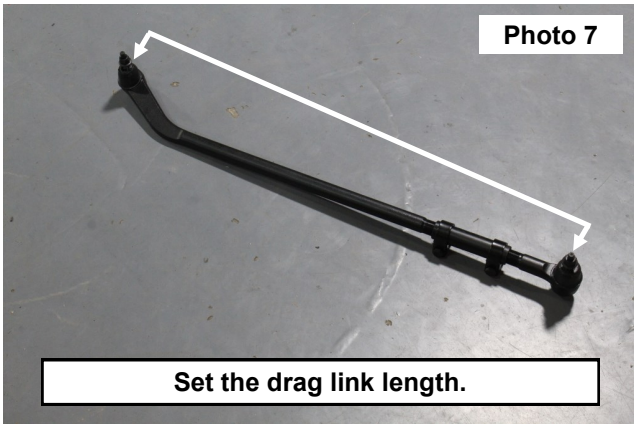


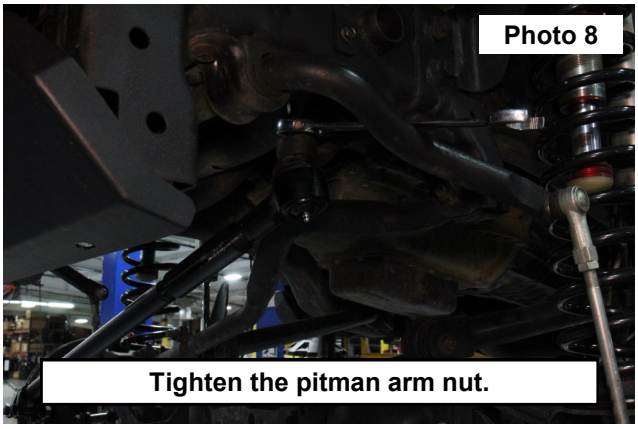
8. Remove the drag link tie rod end from the pitman arm using a 21mm wrench. Use a hammer to unseat the taper from the pitman arm, Position the pitman arm so the boss can be struck from the end. Then remove the drag link from the vehicle. **See Photo 5.**
9. Measure the length of the OE drag link from grease joint grease joint and record here_____. **See Photo 6.**



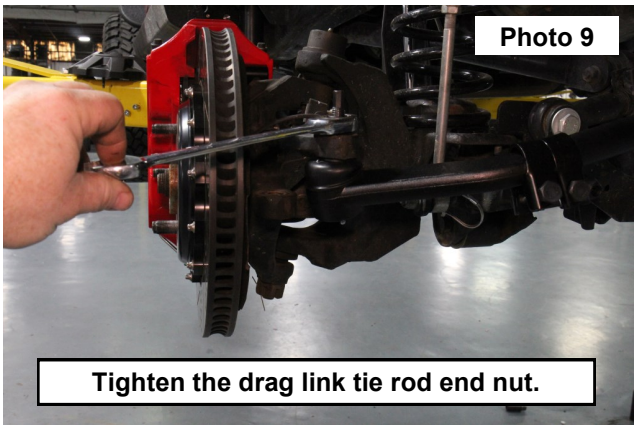


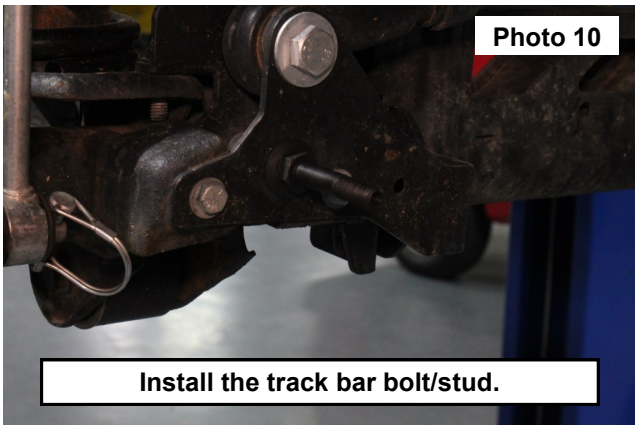
10. Install the drag link and the straight tie rod end together using the supplied adjustment collar and (2) clamps. Use the recorded length in step 9 for a starting length for the drag link. **See Photo 7.**
11. Install and secure the drag tie rod end joint to the pitman arm using the supplied flange nut. **See Photo 8.**



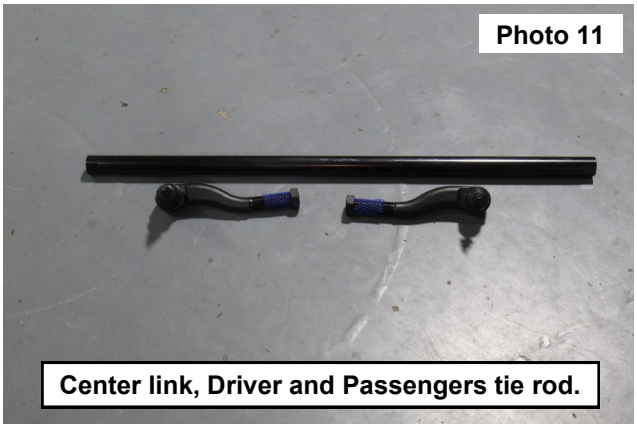


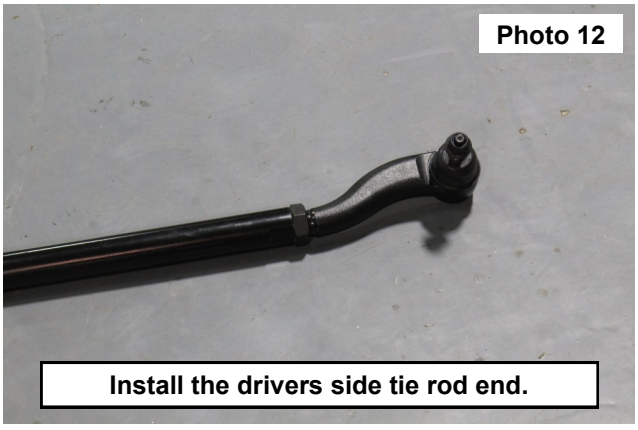
12. Install and secure the drag link tie rod end to the knuckle using the supplied flange nut. **See Photo 9.**
13. Tighten the tie rod ends using a 21mm socket and wrench.
14. Remove the track bar bolt and replace it with the supplied track bar bolt with the stabilizer stud. Tighten using a 21mm socket. See Photo 10.



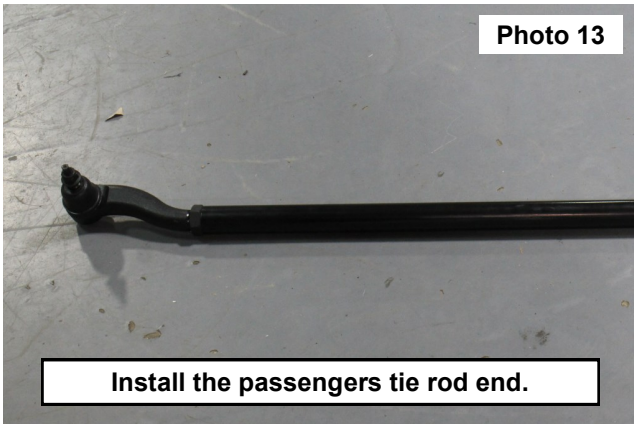


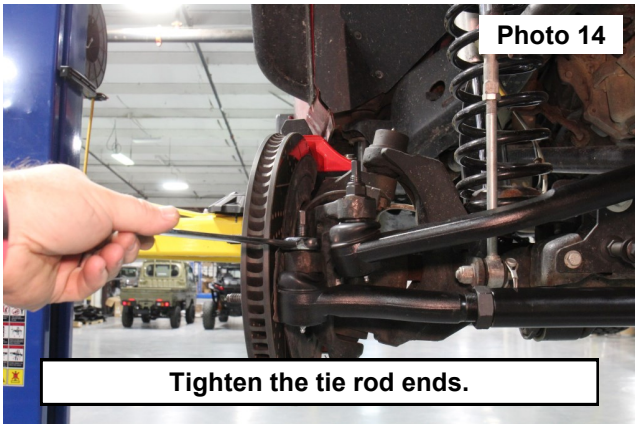
15. Center link and tie rod end shown. **See Photo 11.**
16. Install a tie rod end with the jam nut into the drivers side of the center link. **See Photo 12.**



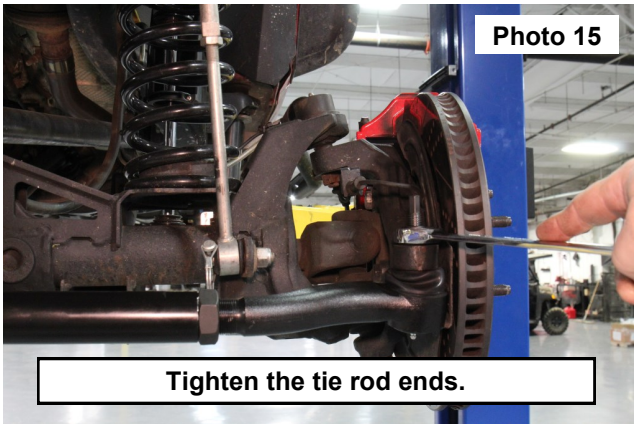


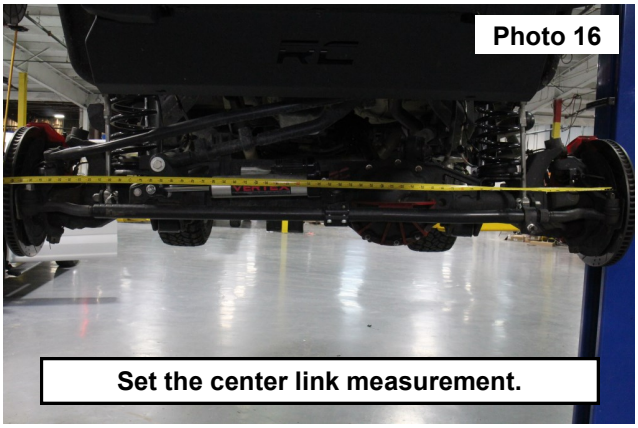
17. Install a tie rod end with the jam nut into the Passengers side of the center link. **See Photo 13.**
18. Install the center link to the driver and passengers side knuckles and secure using the supplied flange nuts. **See Photos 14 and 15.**



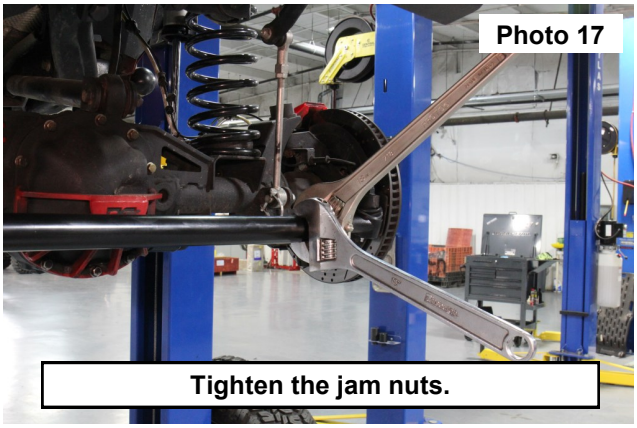


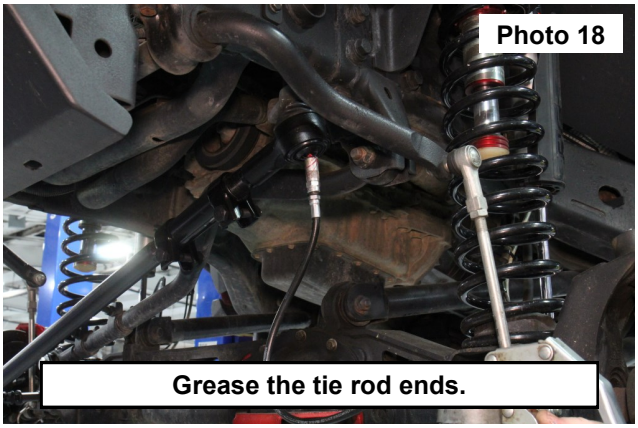
19. Using the recorded measurement from step 1 set the inside of the Right rotor to the inside of the Left rotor to that measurement for a starting length. **See Photo 16.**



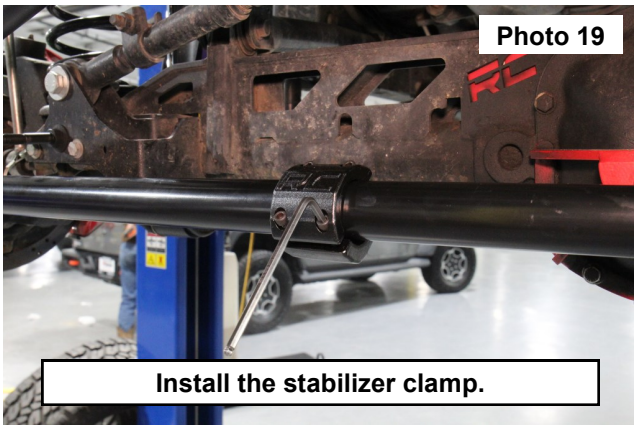


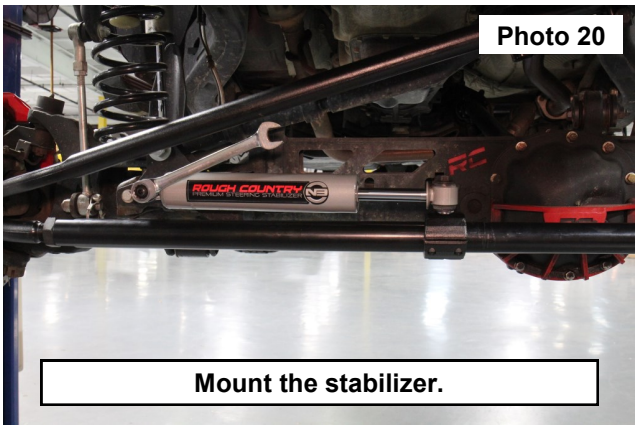
20. Use a 1 1/4 wrench for the adjustment collar and jam nuts on the drag link and the center link. **See Photo 17.**
21. At this time grease the tie rod ends. See Photo 18.



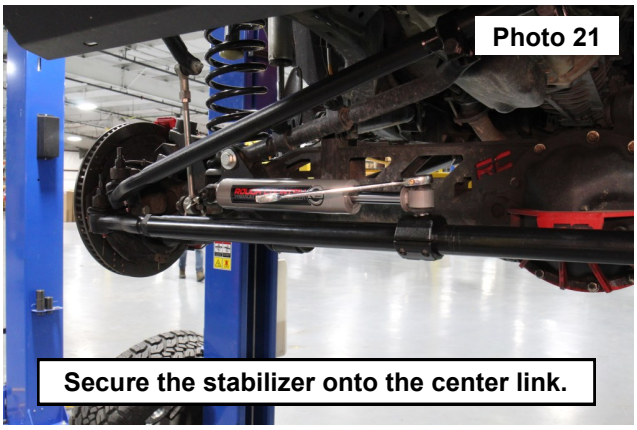


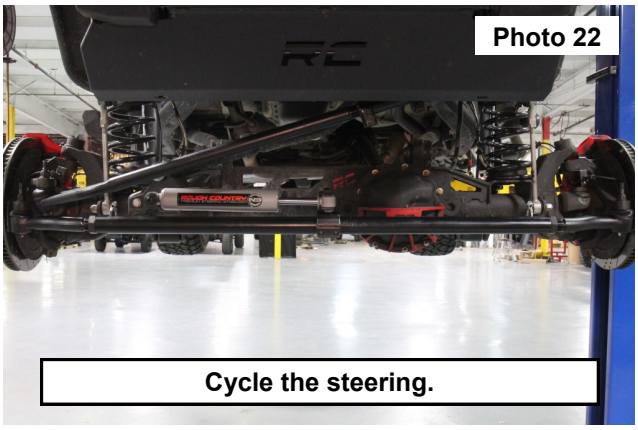
22. Install the stabilizer clamp onto the center link using the supplied socket head cap screws. Do not tighten at this time. See Photo 19.
23. Center the stroke of the stabilizer and place it onto the track bar stud. Secure using (1) Flat washer and (1) hex head nut. Tighten using a 19mm wrench. See Photo 20.





24. Secure the stabilizer onto the center link clamp stud using (1) Flat washer and (1) hex head bolt. Tighten using a 19mm wrench. See Photo 21.
25. Cycle the steering to ensure the stabilizer has been centered on the center link. **See Photo 22.**





26. Install the wheels and tires and remove the vehicle from the jack stands. Lower onto the ground.
27. A professional alignment must be preformed after this install is complete.

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