Tie Rod Replacement

Part #: Tie Rod

Rev. 010826

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SAFETY WARNING

BDS Suspension Co. recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known.

INSTALLATION INSTRUCTIONS

1. Park the vehicle on a level surface.
2. Block tires to ensure the vehicle cannot move.
3. Break loose the jam nut between the inner and outer tie rod.
4. Remove the cotter pin if equipped and nut from the tie rod at the knuckle.
5. Use an appropriate tie rod end puller or pickle fork to disconnect the tie rod from the knuckle.
6. Unthread the outer tie rod from the inner tie rod while counting number of rotations.
7. Thread on the new outer tie rod end to the inner tie rod the same amount of rotations as counted in step 6.
8. Place the new tie rod end in the knuckle and torque the nut (see table below for specification). Insert cotter pin if vehicle was originally equipped.
9. Tighten the jam nut while supporting the outer tie rod (see table below for specification).
10. An alignment is highly recommended after replacing any steering components.

Application	Tie Rod Shaft Nut	Tie Rod Jam Nut
'14-18 GM 1500	26 ft.lbs. + 85-100deg	55 ft.lbs
'19-21 GM 1500	26 ft.lbs. + 85-100deg	55 ft.lbs.
'15-21 GM Canyon/Colorado	26 ft.lbs. + 85-95deg	55 ft.lbs.
'2019 Ford Ranger	35 ft lbs	59 ft lbs
'2019+ Ram 1500	41 ft.lbs + 180deg	66 ft.lbs.



WE WANT TO SEE YOUR RIDE!

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TIME TO HAVE SOME FUN

Thank you for choosing BDS Suspension.

For questions, technical support and warranty issues relating to this BDS Suspension product, please contact your distributor/installer before contacting BDS Suspension directly.