

HD Forged Replacement Tie Rod

GM 2500HD, 3500HD | 2011-2026

Part #: 081001 Rev. 010926



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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. Remove the front tire and wheel assembly.
4. Remove the cotter pin if equipped and nut from the outer tie rod at the steering knuckle.
5. Use an appropriate tie rod end puller (CH-24319-B preferred) to disconnect the tie rod from the steering knuckle.
6. Unthread the inner tie rod from the center steering link.
7. Measure the length of the OE tie rod assembly from the mount face on the inner tie rod to the center of the outer tie rod. Unthread the new HD tie rod assembly to be as close as possible to the OE tie rod assembly length. (FIG. 1) Leave jam nut loose.



FIGURE 1

8. Apply thread locker to the new HD inner tie rod end. (FIG.2)



FIGURE 2

9. Thread on the new HD inner tie rod end to the center steering link. Tighten to 118 ft-lbs. using provided tool. (FIG.3)



FIGURE 3

10. Apply a small amount of grease to the lip of the rubber boot seal on the outer tie rod to prevent twisting or deforming of the boot.
11. Install the outer tie rod into the steering knuckle using the provided nut. Tighten to 26ft-lbs with the first pass and a final pass of 85-100 degrees. (FIG. 4)



FIGURE 4

12. Tighten the jam nut against the outer tie rod. (FIG. 5)



FIGURE 5

13. An alignment is highly recommended after replacing any steering components.



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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.