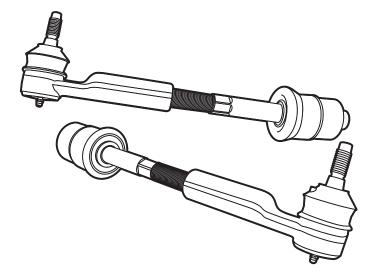


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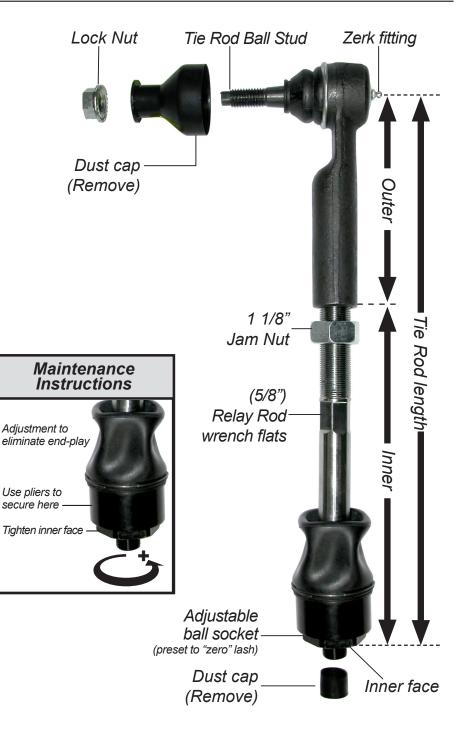
Stage2 Tie Rod Assemblies 2001-2010 **GM 2500/3500HD Trucks** (158031000)

Installation Guide

Technical Support (714) 985-4825

Rev: 09/18/18 | v3A







Installation: Instructions for installation of new PPE Tie Rods to be performed on each side.

Remove front wheels and engine shield.

- Step 1: Locate installed tie rods.
- Step 2: Remove Lock Nut from outer Tie Rod Ball Stud. Use a tie rod fork tool to remove Tie Rod Ball Stud from tapered hole in Steering Knuckle.
- Step 3: Unthread inner Tie Rod End from centerlink.
- **Step 4:** Clean tapered hole and threaded end of center link.
- **Step 5:** Measure length on removed tie rod from inner face to the center of the grease fitting.
- **Step 6:** Using measurement from Step 5, adjust the length of the new PPE Tie Rod assembly to match the length of the old assembly.
- **Step 7:** Tighten Jam Nut to lock length using a 1 1/8" wrench.
- Step 8: Apply "red thread locker" and thread in the inner Tie Rod face to centerlink. Torque to 74 lb. ft.
- Step 9: Insert tapered stud into tapered hole in spindle boss. Attach Lock Nut.
- Step 10: Tighten lock nut using a 20 mm wrench. Torque to 48 lb. ft.
- **NOTE:** A 9 mm wrench can be used to secure stud while tightening the Lock Nut.
- Step 11: Grease outer Tie Rod end and center link with highgrade lubricant.
- Step 12: Perform and confirm proper alignment and clearance. Longer sway bar end links may be required.
- Step 13: To adjust toe, use 5/8" wrench on the inner flats if adjustment is necessary.
- Step 14: Confirm/tighten set screws on Tie Rod inners.
- Step 15: Steering wheel and toe adjustment will need to be adjusted to factory specs with a professional alignment.

DISCLAIMER OF LIABILITY

This is a performance product can be used to increased horsepower above and beyond factory specifications. Additional horsepower creates more stress on the drivetrain components, which could result in drivetrain failure. Note: Legal in California only for racing vehicles which may never be used on the highway.

This agreement sets forth the terms and conditions for the use of this product. The installation of this product indicates that the Buyer has read and understands this agreement and accepts the terms and conditions.

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The Buyer is solely responsible for all warranty issues from the manufacturer.

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Under no circumstances will the Seller be liable for any damage or expenses incurred by reason of the use or sale of any such equipment. In the event that the buyer does not agree with this agreement: the buyer may promptly return this product, in a new and unused condition in its original packaging, with a dated proof of purchase to the place of purchase within ten (10) days from date of purchase for a full refund. The installation of this product indicates that the buyer has read and understands this agreement and accepts its terms and conditions.



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