

Installation

PROCEDURES

SUBJECT

Pacbrake Tie Rod Sleeve Support Tubes*

PART NUMBER

HP10025

APPLICATION

GMC/Chevrolet 1999–2006
Select Full Size Trucks, SUVs & Hummers
GMC/Chevrolet 2500HD, 3500 1999–2008
(tie rod must be M14 x 1.5 thread)

Before starting the installation, read all the installation instructions carefully to be sure you have full understanding of the procedure and can complete the installation once started.

It is recommended to have a front end alignment performed once the installation is complete to ensure correct vehicle handling and maximum tire life is attained.

TOOLS REQUIRED (not supplied)

Floor jack
Jack stands
Large adjustable wrench
Large hammer or tie rod puller
½" drive ratchet and 21 mm socket
½" drive torque wrench, accurate @35 lbs.ft.

INSTALLATION PROCEDURE:

- 1 Raise the front end of the vehicle enough that the front wheels are off the ground. Insert the jack stands under the frame, lower the floor jack until the jack stands support the vehicle. Keep the floor jack raised under the vehicle as an additional safety device. Install the tie rod sleeve on one side of the steering at a time.
- 2 Using a large adjustable wrench, loosen the inner tie rod link lock nut.
- 3 Using the 21 mm socket, remove the tie rod end retaining nut. Remove the tie rod end from the spindle, a puller is the best method for removal but a large hammer and a good hit to the spindle (where the stud goes through) should work.
- 4 When removing the tie rod end from the center link count the exact number of turns it takes until it completely comes out of the center link. This is for re-assembly, record the number of turns. Be careful the center link does not turn when removing.
- 5 Remove the lock nut from the link and discard. Install the Pacbrake sleeve, as far on as possible, with the wrench flats towards the tie rod.
- 6 Install the tie rod link back into the center link the exact same number of turns it took to remove it.
- 7 Install the outer tie rod end back into the spindle, install the factory nut and torque to 35 lbs.ft.
- 8 Tighten the replacement sleeve against the tie rod, the Pacbrake sleeve is now the lock nut.
- 9 Repeat steps 3 to 9 on the opposite side of the vehicle.
- 10 Grease tie rod ends and center link prior to driving the vehicle.
- 11 Remove the jack stands and floor jack.
- 12 Have a certified alignment shop check and adjust the alignment if necessary.

IMPORTANT: Retorque the spindle lock nut after the first 50 miles



Step 3



Step 4



Installed

* Fits OEM and NAPA replacement tie rods