

# PART NO. 23269

## Instruction Sheet SUPER DUTY FIXED SLEEVE

*This part should only be installed by personnel who have the necessary skill, training and tools to do the job correctly and safely. Incorrect installation can result in personal injury, vehicle damage and / or loss of vehicle control.*

**Plan Ahead - Read All Instructions BEFORE installing part.**

Check for loose or worn parts, proper tire pressure, and odd tire wear patterns before beginning alignment.

1. If desired, install zero-degree sleeve and take before measurements to determine camber/caster change needed.
2. Remove tire and wheel assemblies. Remove cotter key from upper ball joint. Loosen ball joint stud nut until level with top of stud. Using a soft blow hammer, sharply hit top of stud to break ball joint/sleeve taper. It may be necessary to loosen lower ball joint nut to allow taper to break free.
3. Remove existing sleeve using Ford Super Duty Truck Sleeve Puller, **SPC #77885**, or equivalent.
4. Insert new sleeve into spindle with arrow on top of sleeve towards front of vehicle. Using old sleeve, tap new sleeve down to meet taper on ball joint stud. Make sure flat of sleeve rests against machined ledge of axle.
5. Reinstall ball stud nuts and torque to manufacturer's specification. Install new cotter key.
6. Reinstall tire and wheel assemblies.
7. Complete alignment and road test vehicle.

***Always check for proper clearance between suspension components and other components of the vehicle.***



**Specialty  
Products  
Company®**

4045 Specialty Pl • Longmont, CO 80504 • (303) 772-2103

**For warranty go to: [www.spcalignment.com/warranties](http://www.spcalignment.com/warranties)**

[www.specprod.com](http://www.specprod.com) • Email: [info@specprod.com](mailto:info@specprod.com) Printed in U.S.A.

**Toll Free Technical Hot Line: 1-800-525-6505**

ECN#3878

©2025 Niwot Corp. dba Specialty Products Co. • Form No. 23269INS • Rev. A