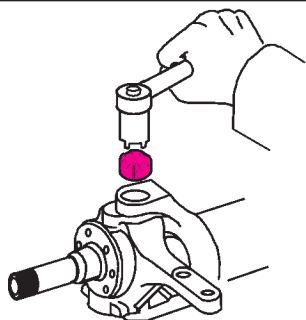


# PART NO. 23000 SERIES Instruction Sheet

## 4WD TRUCK SLEEVES

*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.*



Positive  
Camber



Negative  
Camber



Positive  
Caster



Negative  
Caster



Front of vehicle (right side)  
TOP VIEW

1. Before beginning any alignment always check for loose or worn parts, tire pressure and odd tire wear patterns. Raise vehicle, placing jacks close to the outside of the front springs. Take alignment readings and determine change needed.
2. Remove wheel, remove tie rod end, remove cotter pin and loosen ball joint stud nut until top of nut is even with the top of the ball joint stud. Index the ball joint stud with chalk so the stud will be in the same position when the new sleeve is installed. Using a soft head type hammer, hit sharply on the top of the ball joint stud to free the ball joint from the sleeve. Remove the ball joint stud nut, and using a #4169 socket, remove the threaded sleeve from the ball joint stud. NOTE: Ball joints with any visible deformation should be replaced. Do not use lubricants during removal or installation of sleeves.
3. Select the appropriate sleeve.
  - A. Assemble the new threaded sleeve into the top of the yoke to about 1/8" from the top of the yoke and until proper caster/camber setting is reached.
  - B. Reassemble top nut and torque to manufacturer's specifications.Always check for proper clearance between suspension components and other components of the vehicle.
4. Recheck camber and caster, set toe and road test vehicle.



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