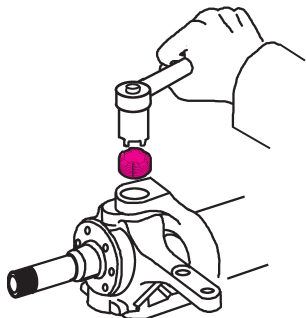


PART NO. 23000 SERIES Instruction Sheet

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

Plan Ahead - Read All Instructions BEFORE Installing Part

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 outside of front springs. Using 0° alignment sleeve, take alignment readings and determine change needed.
2. Remove wheel, tie rod end, upper ball joint cotter pin and loosen ball joint stud nut until top of nut is even with top of ball joint stud. Index ball joint stud with chalk so that stud will be in the same position when new sleeve is installed. Using a soft head type hammer, hit sharply on the top of ball joint stud to freeball joint from sleeve. Remove ball joint stud nut. Using special spanner such as SPC #4169 socket, remove threaded sleeve from ball joint stud.

NOTE: Ball joints with any visible deformation should be replaced. Do not use lubricants during removal or installation of sleeves.

3. Using previously recorded alignment readings, select appropriate sleeve.
 - A. Assemble new threaded sleeve into top of yoke so approximately 1/8" of sleeve shows from top of yoke and until proper caster/camber setting is achieved.
 - B. For sleeve #23006 - 23012 install provided tapered washer on ball joint stud. Orient to provide flat surface for nut.
 - C. Reassemble top nut and torque to manufacturer's specifications.
4. Reassemble previously removed components in reverse order of disassembly.
5. Recheck camber and caster, set toe and road test vehicle.

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



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