

# PART NO. 23230

## Instruction Sheet

### 1-1/2 & 2 TON 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.*

Install P/N 23239 Zero Sleeve to take initial alignment readings.

1. Remove tire and wheel assembly. 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 the top of the stud to break the ball joint/sleeve taper.
2. Using remover tool remove old sleeve.
3. Insert appropriate sleeve (based on zero sleeve reading) into spindle with the slot in the correct position. Using the old sleeve, pound new sleeve down to meet the taper on the ball joint stud.
4. Install and torque ball joint stud nut to manufacturers specifications. Install new cotter key.
5. Replace tire and wheel assembly. Reinstall and compensate alignment equipment. Recheck the alignment readings.
6. Check and adjust toe and road test vehicle.



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