

▶ TASK Inspect front-wheel bearings and locking hubs; perform necessary action.



Time off _____
Time on _____
Total time _____

CDX Tasksheet Number: C876

1. Research the procedure and specifications for servicing the wheel bearings and locking hubs in the appropriate service information.
 - a. **List the specified wheel-bearing lubricant:** _____
 - b. **List or print off and attach to this sheet the procedure for adjusting the wheel bearings:** _____

2. Safely raise and support the vehicle on a hoist or jack stands.

3. Following the specified procedure, remove the locking hub(s) and wheel bearings (inner and outer). **List your observation(s):** _____

4. Following the specified procedure, disassemble the locking hub(s). Clean all parts in an environmentally safe way and re-inspect each component. **List your observation(s):** _____

NOTE There are various views on whether a wheel bearing should be cleaned with solvents, as it could leave solvent-laden grease in the bearing. See your instructor or the service information for the recommended procedure for cleaning and packing wheel bearings.

5. **Determine any necessary action(s):** _____

6. Have your supervisor/instructor verify disassembly and observations. **Supervisor's/instructor's initials:** _____

7. Following the specified procedure, repack the wheel bearings and lubricate the locking hub components.

8. Following the specified procedure, reassemble the wheel bearings. Make sure you properly adjust the wheel bearings.

NOTE Most wheel bearings require a three-step adjustment procedure. First, apply a large initial torque to the wheel-bearing adjustment nut to seat the wheel bearings. Second, back off the adjustment nut. Third, readjust with a much smaller torque to provide the proper bearing preload. Do not leave the bearings torqued to the higher torque or damage to the bearings will result. Also, remember to use a new cotter pin if that is the method used to retain the adjustment nut.

9. Have your supervisor/instructor verify correct bearing adjustment. Supervisor's/instructor's initials: _____

10. Following the specified procedure, reassemble the locking hubs. **List your observation(s):**

11. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recommended.

Performance Rating

CDX Tasksheet Number: C876

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Supervisor/instructor signature _____ Date _____