

TASK Remove, clean, inspect, repack, and install wheel bearings; replace seals; install hub and adjust bearings.

MLR **AST** **MAST**
5F1 5F2 5F2

Time off _____

Time on _____

Total time _____

CDX Tasksheet Number: C810

1. Research the wheel bearing disassembly, cleaning, inspection, repacking, and installation procedure in the appropriate service information and list the following specifications:
 - a. **Specified wheel bearing grease:** _____
 - b. **Steps for adjusting the wheel bearing:** _____

 - c. **Spindle nut final torque, if specified:** _____ **in-lb:** _____
ft-lb: _____ **Nm:** _____

2. Remove the wheel bearings from one wheel assembly, following the specified procedure. Be sure to use the appropriate brake dust removal system to properly remove and dispose of any brake dust. Clean and inspect the wheel bearings and race. Also clean and inspect the spindle. **List your observations:** _____

3. Show your supervisor/instructor the wheel bearings and races.
Supervisor's/instructor's initials: _____

NOTE It may make sense to perform the next task, C273: Replace wheel bearing and race, at this time. Ask your instructor.

4. Repack the wheel bearings with the proper grease. Install the inner bearing in the race and replace the old grease seal with a new one (being careful to not damage it).
5. Reinstall the hub and outer bearing onto the spindle.
6. Adjust the wheel bearing preload, or torque spindle nut (depending on application), according to the specified procedure.

NOTE Most adjustable wheel bearings require a fairly heavy torque to seat the bearings (example: 25 ft-lb) and a lighter torque to preload the bearing (example: 20 in-lb). Failure to loosen the bearing and preload it to the lower torque will result in burned-up bearings.

7. Have your instructor verify the wheel bearing adjustment.
Supervisor's/instructor's initials: _____
8. Install a new cotter pin or secure the spindle nut, according to the specified procedure.
9. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recommended.

Performance Rating

CDX Tasksheet Number: C810

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Supervisor/instructor signature _____ Date _____