

▶ TASK Diagnose drive axle shafts, bearings, and seals for noise, vibration, and fluid leakage concerns; determine necessary action.

MAST
3E3:5

Time off _____

Time on _____

Total time _____

CDX Tasksheet Number: C153

- 1. List the customer concern:**

- 2. With your instructor's permission, test-drive the vehicle in an open area with minimal noise on a smooth road surface. Listen for excessive noise while gradually increasing speed. List your observation(s):**

NOTE A worn wheel bearing will usually make noise in a manner proportional to speed. When you are traveling at a speed that is making the noise, it is good practice to put the vehicle in neutral and allow the vehicle to coast. If the wheel bearing(s) is (are) worn, this will cause no considerable difference in sound. Also, try different transmission gears to rule out transmission- and clutch-related noises.

- 3. Safely raise and secure the vehicle on a hoist.**

- 4. Perform a visual inspection for obvious damage or leaks, paying particular attention to the brake backing plates and center differential. List your observation(s):**

- 5. With your instructor's permission, run the vehicle in gear on the hoist while listening to the wheel bearings with a stethoscope. Make sure the vehicle is very secure on the hoist. List your observation(s):**

- 6. Determine any necessary action(s):**

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

Performance Rating

CDX Tasksheet Number: C153

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Supervisor/instructor signature _____ Date _____