**Wheel Bearing Diagnosis**

**Meets ASE Task:** (A5-F-1) P-1 Diagnose wheel bearing noises, wheel shimmy, and vibration concerns; determine needed action.

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_ Time on Task \_\_\_\_\_\_\_\_\_\_**

**Make/Model/Year \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ VIN \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Evaluation: 4 3 2 1**

Worn or defective wheel bearings can cause a variety of concerns including:

 **Noise** – usually a growl or rumble that changes tone with vehicle speed.

 **Wheel Shimmy** – Can occur if the bearings are loose or excessively worn.

 **Vibration** – Can occur if the bearings are loose or excessively worn.

**\_\_\_\_\_ 1.** Check service information for the

 recommended test procedures to follow to

 diagnose possible wheel bearing noise.

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**\_\_\_\_\_ 2.** Drive the vehicle and check for abnormal noise that could be caused by a defective

 wheel bearing.

 **OK \_\_\_\_\_ NOT OK \_\_\_\_\_**

***HINT:*** A defective wheel bearing often sounds like a noisy winter tire but does not change tone when the vehicle is being driven over various road surfaces.

**\_\_\_\_\_ 3.** Hoist the vehicle safely and check for excessive wheel bearing play and/or noise.

 **OK \_\_\_\_\_ NOT OK \_\_\_\_\_**

Describe the faults and location: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**\_\_\_\_\_ 4.** Based on the diagnosis, what is the needed action? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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