**Meets ASE Task:** (A4-D-2) P-2 Inspect, service, and/or replace front and rear wheel bearings. (A5-F-1) P-2 Remove, clean, inspect, repack, and install wheel bearings; replace seals; install hub and adjust bearings.

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Time on Task:\_\_\_\_\_\_\_\_\_\_\_\_\_

Make/Model/Year:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

VIN:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Evaluation (Enter number from 4, 3, 2, 1) :\_\_\_\_\_\_\_\_\_

**Wheel Bearing Diagnosis**

Page 302

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.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**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? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_