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

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

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

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

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

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

**Meets ASE Task: :** (A3-D-5) P-1 Diagnose universal joint noise and vibration concerns; determine needed action. (A4-F-9) P-1 Diagnose wheel/tire vibration, shimmy, and noise; determine needed action.

**Noise and Vibration Diagnosis**

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**1.** Check service information for the specified (if any) methods and procedures to follow

when diagnosing noise and/or vibration concerns.

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

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

**2.** Test drive the vehicle and verify the concerns. Check all that apply:

Noise  Vibration  Both

**3.** If there is a vibration, what frequency and at what speed is the vibration?

Frequency \_\_\_\_\_\_\_\_\_ Vehicle speed \_\_\_\_\_\_\_\_\_

Frequency \_\_\_\_\_\_\_\_\_ Vehicle speed \_\_\_\_\_\_\_\_\_

Frequency \_\_\_\_\_\_\_\_\_ Vehicle speed \_\_\_\_\_\_\_\_\_

 Frequency \_\_\_\_\_\_\_\_\_ Vehicle speed \_\_\_\_\_\_\_\_\_

**4.** If a noise, check for witness marks and describe this location: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

**5.** Based on the test results and visual inspection, what is the needed action?

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