

# Noise and Vibration Diagnosis

Meets ASE Task: A3 - F-5 – P-2

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Time on Task: \_\_\_\_\_

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

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

- ☐ 1. Check service information for the specified (if any) methods and procedures to follow when diagnosing noise and/or vibration concerns.

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- ☐ 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:

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- ☐ 5. Based on the test results and visual inspection, what is the necessary action?

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