

# Engine Noise Diagnosis

**Meets NATEF Task:** (A8-A-6) Diagnose abnormal engine noise or vibration concerns; determine necessary action (P-3)

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

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

Analyzing engine noise helps determine the extent of needed repairs. Some noises are easy to correct, whereas other noises may represent extensive and expensive repairs.



- \_\_\_\_\_ 1. When does the noise occur?
- \_\_\_\_\_ at start up (cold engine only)
  - \_\_\_\_\_ at start up (all the time)
  - \_\_\_\_\_ cold engine only
  - \_\_\_\_\_ warm engine only
  - \_\_\_\_\_ all the time
  - \_\_\_\_\_ other (describe)

\_\_\_\_\_

- \_\_\_\_\_ 2. What does the noise sound like?
- \_\_\_\_\_ Clicking noise - like the clicking of a ballpoint pen
  - \_\_\_\_\_ Clacking noise - like tapping on metal
  - \_\_\_\_\_ Knock - like knocking on a door
  - \_\_\_\_\_ Rattle - like a baby rattle
  - \_\_\_\_\_ Clatter - like rolling marbles
  - \_\_\_\_\_ Whine - like an electric motor running
  - \_\_\_\_\_ Clunk - like a door closing

- \_\_\_\_\_ 3. Based on the noise, what is the necessary action?

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