



# Engine Noise Diagnosis

**Meets NATEF Task:** (A8-A-2) Identify and interpret engine performance concerns, determine necessary action (P-1)

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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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