



Engine Noise and Vibration 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

- _____ 1. When is the engine noise or vibration detected? Check all that apply.
 - _____ At engine start (warm engine)
 - _____ At engine start (cold engine)
 - _____ Idle (cold)
 - _____ Idle (hot)
 - _____ During acceleration
 - _____ Under heavy load
 - _____ Under light load
 - _____ During deceleration
 - _____ Other (describe) _____

- _____ 2. Describe the noise or vibration. Check all that apply.
 - _____ Clicking sound (like a ball-point pen)
 - _____ Clacking noise (like tapping on metal)
 - _____ Rattle (like a baby rattle)
 - _____ Clatter (like rolling marbles)
 - _____ Whine (like an electric motor running)
 - _____ Clunk (like a door closing)
 - _____ Other (describe) _____

- _____ 3. Check service information regarding the noise and the associated tests and procedures that should be followed. _____

- _____ 4. What is the necessary action? _____
