

Engine Noise and Vibration Diagnosis

Meets NATEF Task: (A8-A-3) 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? _____
