

# Fuel Injection Stethoscope Test

**Meets NATEF Task:** (A8-D-1) Diagnose problems associated with engine operation or vehicles equipped with injection-type fuel systems; determine necessary action (P-1)

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

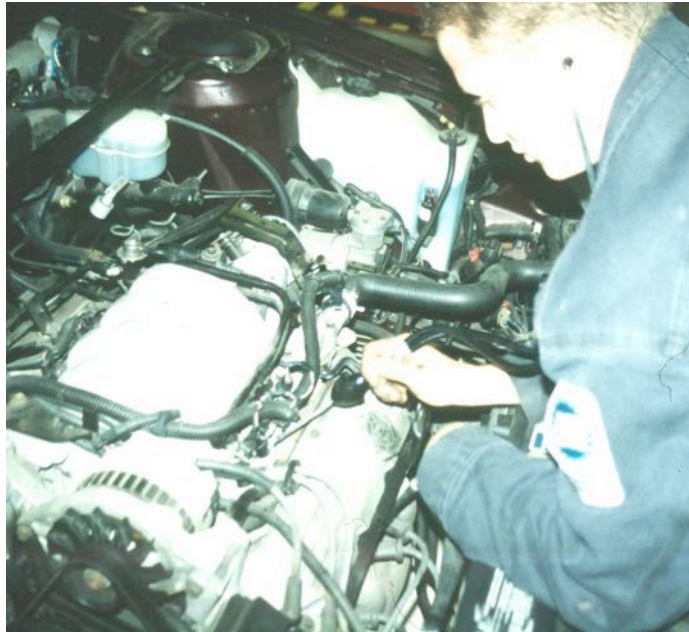
Make/Model/Year \_\_\_\_\_ VIN \_\_\_\_\_ Evaluation: 4 3 2 1

\_\_\_\_\_ 1. Using a stethoscope, listen to the sound of each injector with the engine running at idle speed. They should all make the same clicking sound.

\_\_\_\_\_ All injectors make the same sound

\_\_\_\_\_ One injector makes a different sound from the others

\_\_\_\_\_ More than one injector makes a different sound than the others



\_\_\_\_\_ 2. Listen for fuel flow returning to the fuel tank from the fuel pressure regulator.

\_\_\_\_\_ **OK** – can hear fuel returning to the tank

\_\_\_\_\_ **NOT OK** – may be a fuel pressure regulator fault or a weak fuel pump

\_\_\_\_\_ 3. Based on the test results, what is the necessary action? \_\_\_\_\_

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