

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 _____

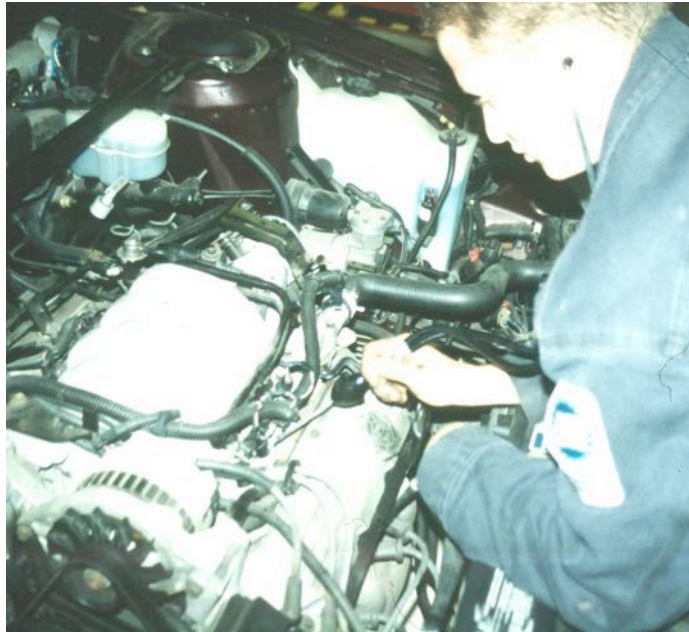
Make/Model/Year _____ VIN _____ Evaluation: 4 3 2 1

_____ 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? _____
