

Oxygen Sensor Operation

Meets NATEF Task: (A8-B-5) Inspect and test sensors, actuators, and circuits using a graphing multimeter (GMM)/digital storage oscilloscope (DSO); perform necessary action. (P-1)

Name _____ Date _____ Time on Task _____

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

_____ 1. Connect the scan tool to the DLC and start the engine.

_____ 2. Operate the engine at a fast idle (2500 RPM) for 2 minutes to allow time for the oxygen sensor to warm to operating temperature.



_____ 3. Observe the oxygen sensor activity on the scan tool to verify closed loop operation.

_____ 4. Results: A good oxygen sensor and computer system should result in voltage reaching above 800 mV and below 200 mV.

_____ 5. Based on the scan tool information, is the oxygen sensor operating normally? _____
