

Oscilloscope Testing

Meets NATEF Task: (A8-B-7) Inspect and test computerized engine control system sensors, PCM/ECM, actuators, and circuits using a GMM/DSO; perform necessary action. (P-1)

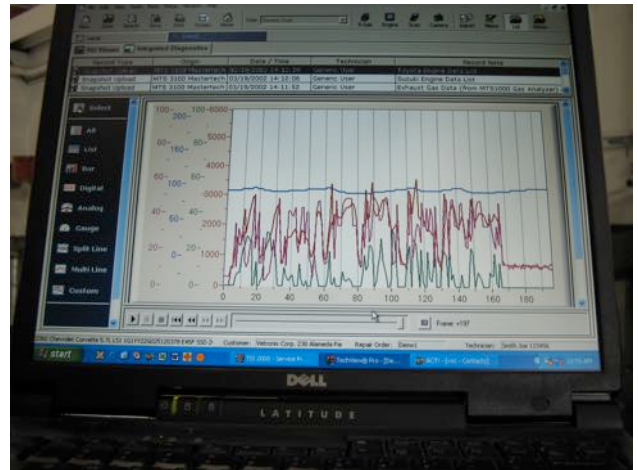
Name _____ Date _____ Time on Task _____

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

_____ 1. Check service information for the recommended usage of an oscilloscope to diagnose electrical or electronic concerns. Describe the tests recommended. _____

_____ 2. According to service information, which system can/should be tested using an oscilloscope? (Check all that apply.)

- _____ Wheel speed sensor
- _____ Crankshaft position sensor
- _____ Camshaft position sensor
- _____ Secondary ignition
- _____ Serial data communication circuits
- _____ Audio circuits
- _____ Other (describe) _____



_____ 3. Which system(s) was tested using an oscilloscope? _____

_____ 4. Based on the test results, what is the necessary action? _____

