

# 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-2)

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

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

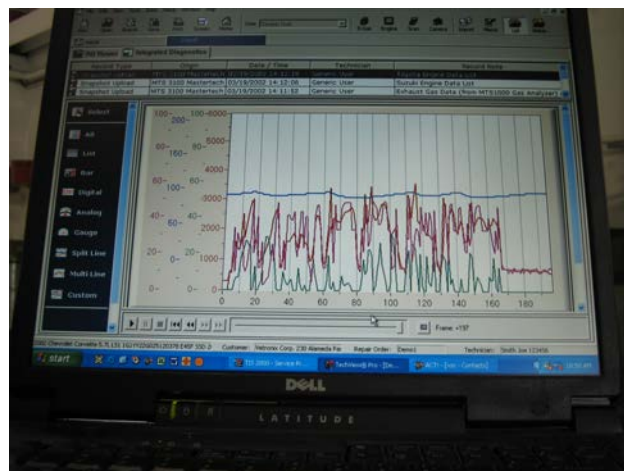
\_\_\_\_\_ 1. Check service information for the recommended usage of an oscilloscope to diagnose electrical or electronic concerns. Describe the tests recommended. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ 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? \_\_\_\_\_

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\_\_\_\_\_

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

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