

# Oscilloscope

**Meets ASE Task:** (A6-A-11) P-2, (A8-B-7) P-2 Diagnose electrical and electronic concerns using an oscilloscope; determine the needed action.

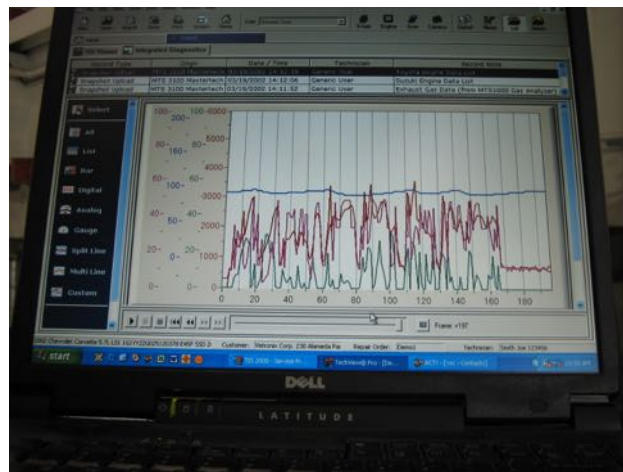
Name \_\_\_\_\_ Date \_\_\_\_\_ Time on Task \_\_\_\_\_

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 needed action? \_\_\_\_\_  
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 \_\_\_\_\_  
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