

# Wide-Band Oxygen Sensor

**Meets ASE Task:** (A8-A-9) P-2 Inspect and test sensors, actuators, and circuits using a graphing multimeter (GMM)/digital storage oscilloscope (DSO); perform needed action.

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

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

\_\_\_\_\_ 1. Wide-band oxygen sensors use four, five, or six wires. Check service information for the color and identification of each of the wires used on the wide-band oxygen sensors.

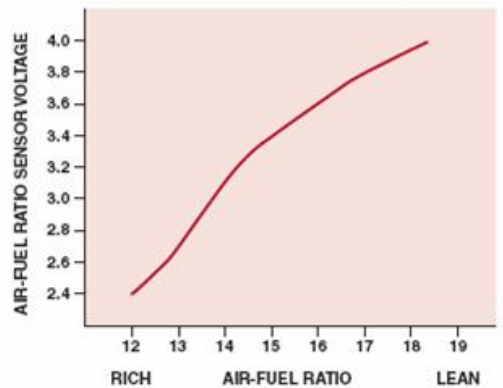
Wire Color	Purpose	Typical Voltage on Wire During Closed-Loop Operation
a. _____	_____	_____
b. _____	_____	_____
c. _____	_____	_____
d. _____	_____	_____
e. _____	_____	_____
f. _____	_____	_____

\_\_\_\_\_ 2. Check service information for the specified testing procedure for diagnosing the wide-band oxygen sensor.

\_\_\_\_\_  
\_\_\_\_\_

Check all that are specified:

- Scan tool
- DMM
- DSO
- Other (describe) \_\_\_\_\_



\_\_\_\_\_ 3. Based on the results of the specified test procedure, what is the needed action?

\_\_\_\_\_