

# Check Electrical Circuits Using an Ohmmeter

Meets ASE Task: A6 - A-6 – P-1

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

Make/Model/Year: \_\_\_\_\_ VIN: \_\_\_\_\_

Evaluation (Enter number from 4, 3, 2, 1) : \_\_\_\_\_

- ☐ 1. Check service information for the resistance specification for spark plug wires (if equipped) and fuel injectors.
  - ☐ Spark plug wire resistance specification = \_\_\_\_\_
  - ☐ Fuel injector resistance specification = \_\_\_\_\_
- ☐ 2. Set the DMM to read ohms and measure the resistance of a spark plug wire and a fuel injector.
  - ☐ Spark plug wire resistance = \_\_\_\_\_
  - ☐ Fuel injector resistance = \_\_\_\_\_
- ☐ 3. Test an automotive bulb for continuity (resistance). It should indicate low ohms. A reading of "OL" (or some other infinity resistance indication on the meter face) indicates lack of continuity.
  - ☐ Bulb continuity = \_\_\_\_\_ ohm    OK ☐ \_\_\_\_\_ NOT OK ☐ \_\_\_\_\_
- ☐ 4. Based on the test results, what is the necessary action?

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

