

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?

