

Digital Multimeter Use for Electrical Problems

Meets ASE Task: A6 – A-5 – P-1

Name: _____ Date: _____ Time on Task: _____

Make/Model/Year: _____ VIN: _____

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

1. Check service information on the correct procedure for checking charging system voltage.

Which position on the digital multimeter should be selected to check charging system voltage? _____

What is the specified voltage? _____

What is the actual voltage? _____

2. Check service information regarding the specified resistance for spark plug wires.

Which position on the DMM should be selected to measure spark plug wire resistance? _____

What is the specified resistance? _____

What is the actual (measured) resistance? _____

3. Check service information regarding the specified battery drain test (parasitic draw) test procedures.

Which position on the DMM should be selected to measure battery electrical drain? _____

What is the specified maximum battery electrical drain? _____

What is the actual (measured) battery electrical drain? _____

