

Measure Voltage Using a Voltmeter

Meets NATEF Task: (A6-A-7) Demonstrate the proper use of a DMM during diagnosis of electrical circuit problems, including: source voltage, voltage drop, current flow, and resistance. (P-1)

Name _____ Date _____ Time on Task _____

Make/Model/Year _____ VIN _____ Evaluation: 4 3 2 1

_____ 1. Check service information for the specifications for battery voltage.

_____ 2. Using a voltmeter, measure the voltage of the battery. Voltage = _____.

OK ____ NOT OK ____

_____ 3. Check service information regarding the procedure and the specification for performing a voltage drop test of the cranking circuit.



_____ 4. Perform a voltage drop test of the cranking circuit and record the results.

A. Power side of the circuit = _____

B. Ground side of the circuit = _____

_____ 5. Based on the factory specification and the test results, what is the necessary action?

