

# Measure Voltage Using a Voltmeter

**Meets NATEF Task:** (A6-A-9) Measure source voltage and perform voltage drop tests; determine necessary action. (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?

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