

Battery Tests

Meets NATEF Task: (A6-B-1 and A6-B-2) Perform battery state-of-charge test; perform battery capacity test; 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 specified method for determining the state-of-charge and/or capacity test of the battery.

_____ 2. Determine the state-of-charge using a voltmeter.

- 12.6 volts or higher = 100% charged
- 12.4 volts = 75% charged
- 12.2 volts = 50% charged
- 12.0 volts = 25% charged
- 10.5 volts = dead



_____ 3. Determine the state-of-charge and capacity using a conductance tester.

_____ 4. Determine the capacity of the battery using a carbon pile tester.

_____ 5. What is the condition of the battery? _____

_____ 6. What is the necessary action? _____
