Battery and Capacity Tests

Meets NATEF Task: (A6-B-1 and A6-B-2) Perform battery state-of-charge 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 of the battery.

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_____ **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.

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

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

_____ **6.** What is the necessary action? _____

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