

Battery and Capacity Tests

Meets ASE Task: (A6-B-1) P-1, (A6-B-2) P-1 Perform battery state-of-charge test; determine needed action.

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.

_____ 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 needed action? _____
