

Battery and Capacity Tests

Meets ASE Task: A6 – B-1 – P-1 & A6 - B-2 – P-1

Name: _____ Date: _____ Time on Task: _____

Make/Model/Year: _____ VIN: _____

Evaluation (Enter number from 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?

