## **Battery Charging**

Meets ASE Task: (A6-B-5) P-1 Perform slow/fast battery charge.

Name	Date	Time on Task
Make/Model/Year	VIN	Evaluation: 4 3 2 1
voltmeter to positi	circuit voltage of the battery = ve [+] and black lead to negative by turning on the headlights for	e [-]). (If more than 12.6 V, remove
12.4 V 12.2 V	rge =%.  ner = 100% charged = 75% charged = 50% charged = 25% charged	GREEN DOT "BLACK" DARK CLEAR
below 11.9 V  3. Determine the colo	= discharged	es% OR ABOVE BELOW 65% LOW LEVEL ELECTROLYTE  Built-in hydrometer.
(The charge re example, a ba charged at 5 a	ate should be $1\%$ of the CCA. For the tery with a 500 CCA rating shows the term of the t	uld be
100  4. Determine the rese	erve capacity in minutes =	CHARGING ADAPTER
reserve capac	ate can be determined by dividing ity of the battery in minutes by 3 co-minute battery should be charged: $180/30 = 6$ ).	0. For
Chargo	e Rate = $\frac{\text{Reserve Capacity}}{30}$	
	d be charged at amperes at amperes (reserve capac	city method).