TASK Perform slow/fast battery charge according to manufacturer's instructions.

Time off. Time on_

Total time_

CDX Tasksheet Number: C819

NOTE Recharging a battery differs from manufacturer to manufacturer. It is important that you follow the recharging steps recommended by the manufacturer of the battery that is assigned to you.

1. Research slow and/or fast battery charging for this vehicle battery in the appropriate service information. Follow all directions. If no directions are given, use the following information:

> It is best to disconnect the negative battery terminal when charging a battery. Consider using a memory minder to maintain the memories on electronic control modules.

The ideal rate for charging a battery can be found by dividing the battery's CCA by 70.

To find the maximum charging rate for fast charging a battery, divide the battery's CCA by 40.

The faster a battery is charged, the shorter its life.

Do not exceed: 15.5V on a flooded cell battery; 14.8V on an AGM battery; or 14.3V on a gel cell battery.

- 2. List the steps for recharging this battery:
- 3. What method is recommended for recharging the battery? Slow charge: _____ Fast charge: __
 - **a.** Have your supervisor/instructor verify the steps above. Supervisor's/instructor's initials: _
- 4. Charge the battery according to the manufacturer's recommendations.
 - a. How long did the battery charge? _
 - b. What was the highest amperage reading during charging? ____ amps
 - c. What was the lowest amperage reading during charging? _____ amps
 - d. What was the highest voltage during charging? ____ __ volts
 - e. How did you determine the battery was fully charged?
- 5. Determine any necessary action(s):

6. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recommended.

| Performance Rating | | CDX Tasksheet Number: C819 | | |
|---------------------------------|---|----------------------------|---|------|
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| 0 | 1 | 2 | 3 | 4 |
| Supervisor/instructor signature | | | | Date |