

Starter Current Draw Test

Meets NATEF Task: (A6-C-1) Perform starter current draw tests; determine necessary action. Differentiate between electrical and engine mechanical problems. (P-1)

Name _____ Date _____ Time on Task _____

Make/Model/Year _____ VIN _____ Evaluation: 4 3 2 1

- _____ 1. Check service information for the specified starter current draw test procedure and specifications and differentiate between electrical and engine mechanical problems.

NOTE: Few vehicle manufacturers give starter current draw specifications with the starter installed on the vehicle. Use the chart below as a guideline regarding the range of the maximum allowable starter draw.

4-cylinder engines = 150 to 185 amperes maximum
 6-cylinder engines = 160 to 200 amperes maximum
 8-cylinder engines = 185 to 250 amperes maximum

- _____ 2. Perform the starter current draw test following the manufacturer's instructions.

Results: _____ amperes

- _____ 3. Based on the specifications and the test results, what is the necessary action?

