

# Starter Current Draw Test

**Meets ASE Task:** (A6-C-1 and A6-C-6) Perform starter current draw tests; determine needed action. Differentiate between electrical and engine mechanical problems. (P-1 & P-2)

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.

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**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 needed action?

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