

PROCEDURE

3 Record the battery voltage: _____

Crank the engine for NO MORE than 15 seconds


Record the LOWEST voltage the battery reached (Green Scale): _____


Record the HIGHEST current the starter drew (Red Scale): _____

Using the information below, did the starter system pass? [yes] [no]

 Cranking voltage should stay above 9.6V

 Large V8 should stay below 250 amps

 Small V8 should stay below 200 amps

 6 cylinder should stay below 180 amps

 4 cylinder should stay below 150 amps

4 Assuming the starter drew more current than it should, what three parts of the starter would you check for faults?

1.

2.

3.

A starter does not always “engage” when the key is turned, instead it “spins” without turning the motor over. What is the likely cause?

STOP!!

INSTRUCTOR'S INITIALS:

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Notes: