

General Specifications

Item	Specification
Maximum starting circuit voltage drop (engine at normal engine temperature)	0.5 volt
Normal engine cranking speed rpm	100-140 rpm
Starter motor no load current draw amperes	60-80 amps
Starter motor normal load current draw	130 amps
Starter motor maximum load current draw amperes	400 amps

Torque Specifications

Description	Nm	lb-ft	lb-in
Starter motor bolts	25	18	—
Starter motor solenoid B+ terminal nut	12	—	106
Starter motor solenoid S-terminal nut	5	—	44
