

SPECIFICATIONS

General Specifications

Item	Specification
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
Maximum starting circuit voltage drop (engine at normal engine temperature)	0.5 volt

Torque Specifications

Description	Nm	lb-ft	lb-in
Starter motor bolts	25	18	—
Starter motor solenoid S-terminal nut	6	—	53
Starter motor solenoid B+ terminal nut	12	9	—