

SPECIFICATIONS > SPECIFICATIONS

General Specifications

Item	Specification
Normal engine cranking speed (Average)	200-250 RPM
Starting circuit maximum voltage drop (Engine at normal operating temperature) (Average)	0.5 volt
Starter motor maximum load current draw	800 amps
Starter motor no-load current draw (Average)	60-80 amps
Starter motor normal load current draw (Average)	130-190 amps

DESCRIPTION AND OPERATION > STARTING SYSTEM - OVERVIEW > STARTING SYSTEM

The starting system controls the cranking of the engine. When the PCM receives inputs from the ignition switch - push button start, transmission (with automatic transmission) or clutch pedal position switch (with manual transmission), run/start relay and the BCM it then energizes the BJB starter relay. When the starter relay is energized it applies power to the starter motor which cranks the engine.

DESCRIPTION AND OPERATION > STARTING SYSTEM - OVERVIEW > REMOTE START

Vehicles with automatic transmission are equipped with a remote start system. The remote start system allows the vehicle to be started from up to 30 meters (98 feet) away. For more information on the remote start system, refer to the owner's literature and Refer to: Handles, Locks, Latches and Entry Systems - System Operation and Component Description .

DESCRIPTION AND OPERATION > STARTING SYSTEM - SYSTEM OPERATION AND COMPONENT DESCRIPTION

System Operation

DESCRIPTION AND OPERATION > STARTING SYSTEM - SYSTEM OPERATION AND COMPONENT DESCRIPTION > NETWORK MESSAGE CHART

Module Network Input Messages Powertrain Control Module (PCM)