

RUNNING LOAD SHED

When the BCM and/or PCM senses voltage is low, with the engine running, the BCM sends a message to either minimize or shut down the climate controlled seats, rear defrost, heated mirrors and climate control blower motor to improve system voltage. Under this condition, the IPC message center displays LOW BATTERY FEATURES TEMPORARILY TURNED OFF to notify the driver that battery protection actions are active during a Load Shed 2 continuous event.

For more information on message center messages, Refer to the Owner's Literature or Refer to: Message Center - System Operation and Component Description .

There are 3 states of engine running load shed:

Load Shed State	Entry Conditions	Impact to Features	Clear Conditions
Load shed 1	Alternator at full load and battery discharging while driving. System voltage less than 11.5 volts	These loads are incrementally reduced (if equipped): Heated steering wheel and climate controlled seats. These loads are turned off (if equipped): smart trailer tow battery charge, heated mirrors, heated backglass, and heated windshield.	System operating at normal power level.
Load shed 2 transient	EPAS indicating reduced voltage and increased current. System voltage less than 11 volts	These loads are turned off without customer indication (if equipped): Heated steering wheel, smart trailer tow battery charge, climate controlled seats, heated mirrors, heated backglass, and heated windshield.	System operating at normal power level.
Load shed 2 continuous	Load Shed 2 Transient condition in excess of 20 seconds	In addition to Load Shed 2 Transient, these loads are turned off (if equipped): 110-volt inverter, heated windshield, and climate control blower (reduced speed less FMVSS required operation). During Load Shed 2 the Continuous feature on indication will turn off for these loads: heated steering wheel, climate controlled seats, heated mirrors, and heated backglass.	System operating at normal power level.