



Bulletin No.: 16-NA-389

Date: Nov-2016

Service Bulletin

TECHNICAL

Subject: Lane Departure/Lane Keep Assist, Forward Collision Alert/Front Automatic Braking and/or Adaptive Cruise Control is Inoperative, Weak or Dead Battery, Battery Low Start Vehicle Message Displayed

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Cadillac	CT6	2016	2016				
	Escalade						
Chevrolet	Malibu						
	Silverado						
	Suburban						
	Tahoe						
GMC	Sierra						
	Yukon						

Involved Region or Country	North America and N.A. Export Regions
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Condition	<p>Some customers may comment on one or more of the following concerns are inoperative:</p> <ul style="list-style-type: none"> • Forward Collision Alert/Following Distance Indicator • Pedestrian alert • Collision Mitigation Braking/Pedestrian Collision Mitigation • Lane departure warning • Lane keep assist • Adaptive Cruise Control • Intelibeam <p>Some customers may also comment on the following conditions:</p> <ul style="list-style-type: none"> • Weak or dead 12V battery after sitting for 10 or more days. • Low Battery Light on. • Battery Low Start Vehicle message displayed on the Driver Information Center (DIC).
Cause	<p>The Front Camera Module (FVCM) will lockout during a power up or power down cycle preventing functionality. The lockout leaves the module powered on and will drain the battery if the vehicle sits for an extended period of time.</p>

Correction

Important: Verify the battery voltage is more than 12.6 volts but less than 15.5 volts before proceeding with reprogramming. The battery must be fully charged **BEFORE** reprogramming.

If you encounter a vehicle with the above concern, reprogram the FVCM with the latest calibrations.

No service learn needed after software is updated and calibration is flashed.

Service Procedure

Important: During reprogramming, the battery voltage must be maintained within the proper range of 12.6-15.5 volts. **CONNECT** the approved Midtronics® PSC 550 Battery Maintainer (SPS Programming Support Tool (EL-49642) to the vehicle or the GR8 (EL50313) in the power supply mode.

Refer to *Front View Camera Module Programming and Setup* in SI.

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
2810835	Front View Camera Reprogramming with SPS	Use Published Labor Operation Time

Version	1
Modified	

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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