



# Service Bulletin

## TECHNICAL

**Subject:** Malfunction Indicator Lamp (MIL) Illuminated and/or DTC P228D Set or Stored in History

*This Bulletin supersedes PIP5459A. Please discard PIP5459A.*

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Cadillac	Escalade Models (Europe Only)	2017	2017			Equipped with 6.2L (RPO L86)	
Chevrolet	Silverado (Europe Only)						
Chevrolet	Suburban, Tahoe (Europe Only)						
Chevrolet	Silverado, Suburban, Tahoe					Equipped with 5.3L (RPO L83)	
GMC	Sierra Models, Yukon Models						
GMC	Sierra (Europe Only)					Equipped with 6.2L (RPO L86)	
GMC	Yukon Models (Europe Only)						

<b>Involved Region or Country</b>	North America and N.A. Export Regions
<b>Condition</b>	Some customers may comment that the malfunction indicator lamp (MIL) is illuminated. Technicians may find DTC P228D set or stored in history.
<b>Cause</b>	This condition may be due to software anomaly.

<b>Correction</b>	An updated software calibration has been released to address this condition.
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## Warranty Information

Labor Operation	Description	Labor Time
2810075	Engine Control Module Reprogramming with SPS	Use Published Labor Operation Time

## Service Procedure

Reprogram the engine control module (ECM) with the latest calibrations available on TIS2WEB. Refer to *K20 Engine Control Module: Programming and Setup* in SI.

**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.

**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.

<b>Version</b>	1
<b>Modified</b>	

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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