Service Bulletin

File in Section: -
Bulletin No.: 18-NA-289
Date: September, 2018

TECHNICAL

Subject: **Malfunction Indicator Lamp (MIL) Illuminated - DTC P3498, P3499, P349A, P039B, P349C, P349D, P349E, and/or P349F Set**

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Silverado 1500 (New Model)	2019	2019	SOP	1GCUY-GEDXKZ-136438	L82, L84, L87	
GMC	Sierra 1500 (New Model)						

Involved Region or Country	North America
Condition	Some customers may comment that the MIL is Illuminated. Some technicians may find one or more of the following DTC's set in the Engine Control Module (ECM): • P3498: Cylinder 1 Deactivation Performance • P3499: Cylinder 2 Deactivation Performance • P349A: Cylinder 3 Deactivation Performance • P349B: Cylinder 4 Deactivation Performance • P349C: Cylinder 5 Deactivation Performance • P349D: Cylinder 6 Deactivation Performance • P349E: Cylinder 7 Deactivation Performance • P349F: Cylinder 8 Deactivation Performance
Cause	This condition may be caused by a fault with the Active Fuel Management (AFM) oil control solenoids.
Correction	Updated software has been released to address this condition. If you encounter a vehicle with the above condition, reprogram the ECM with the latest available calibration.

Service Procedure

Important: Stable battery voltage is critical during programming. Any fluctuation, spiking, over voltage or loss of voltage will interrupt programming. Install the EL-49642 SPS Programming Support Tool (GM Dealer Equipment Item #PSC-550) to maintain system voltage. If not available, connect a fully charged 12 V jumper or booster pack disconnected from the AC voltage supply. DO NOT connect a battery charger.

Refer to K20 Engine Control Module: Programming and Setup in SI.

Parts Information

No parts are required for this repair.

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Warranty Information

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
2882008*	Engine Control Module: Programming and Setup	0.3 hr
*This is a unique Labor Operation for Bulletin use only.		

Version	1
Modified	Released September 25, 2018

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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