



Service Bulletin

Bulletin No.: 20-NA-195

Date: October, 2020

TECHNICAL

Subject: Malfunction Indicator Lamp (MIL) Illuminated - DTC P0421, P0422, P0480, P119E, P11D0, P11DB, P11DC, P11FC, P20EE, P220B, P22A0, , P22A2, P22A3 and/or P24A0 Set

Attention: This bulletin only applies to cab chassis 1003 and 1403.

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Silverado 2500HD/ 3500HD	2020	2020			L5P	
GMC	Sierra 2500 HD/ 3500HD						

Involved Region or Country	North America, Middle East, Israel, Palestine
Condition	<p>Some customers may comment that the MIL is illuminated. Some technicians may find one or more of the following DTCs set in the Engine Control Module (ECM):</p> <ul style="list-style-type: none"> • P0421: Catalyst 1 Low Efficiency • P0422: Catalyst 2 Efficiency Below Threshold Bank 1 • P0480: Cooling Fan Speed Output Circuit • P119E: NOx Sensor 2 Signal Circuit Low • P11DB: NOx Sensor 1 Current Performance • P11DC: NOx Sensor 2 Current Performance • P11D0: O2 Signal Circuit (NOx Sensor 2) • P11FC: O2 Low Reference Circuit (NOx Sensor 2) • P22A3: NOx Sensor 2 Heater Control Circuit • P20EE: NOx Catalyst Efficiency Below Threshold • P220B: NOx Sensor 2 Supply Voltage Circuit • P24A0: NOx Sensor 2 Circuit Low Voltage

<p>Cause</p>	 <p style="text-align: right;">5651968</p> <p>This condition may be caused by a damaged NOx2 sensor, as shown in the graphic above.</p>
<p>Correction</p>	<p>If the sensor is found to be damaged, replace the NOx 2 sensor</p>

Service Procedure

Refer to *Nitrogen Oxides Sensor Replacement - Position 2* in SI.

Parts Information

Causal Part	Description	Part Number	Qty
X	SENSOR, NOX (POSN 2)	12695882	1

Warranty Information

For vehicles repaired under the Emission coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
4087568*	Nitrogen Oxides Sensor Replacement - Position 2 for DTCs Set	0.7 hrs

*This is a unique Labor Operation for Bulletin use only.

Version	1
Modified	Released October 23, 2020

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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