



Service Bulletin

Bulletin No.: 24-NA-042

Date: March, 2024

TECHNICAL

Subject: Engine Misfire, Malfunction Indicator Lamp (MIL) Illuminated – DTCs P0300, P0030, P0031, P0032, P0053, P0135, P0155, P0171 and/or P0172

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Silverado 2500HD/3500HD	2024	2024			6.6L (L8T)	
GMC	Sierra 2500HD/3500HD						

Involved Region or Country	North America, Middle East, Israel, Palestine, Australia/New Zealand
Condition	<p>Some customers may comment of one or more of the following conditions:</p> <ul style="list-style-type: none"> • Engine Misfire • MIL Illuminated <p>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"> • P0300: Engine Misfire Detected • P0030: HO2S Heater Control Circuit Bank 1 Sensor 1 • P0031: HO2S Heater Control Circuit Low Voltage Bank 1 Sensor 1 • P0032: HO2S Heater Control Circuit High Voltage Bank 1 Sensor 1 • P0053: HO2S Heater Resistance Bank 1 Sensor 1 • P0135: HO2S Heater Performance Bank 1 Sensor 1 • P0155: HO2S Heater Performance Bank 2 Sensor 1 • P0171: Fuel Trim System Lean • P0172: Fuel Trim System Rich
Cause	This condition may be caused by the mis-routed Bank 1 Sensor 1 oxygen sensor wiring harness, which is coming in contact with the exhaust pipe.
Correction	If you encounter a vehicle with the above concern, raise vehicle and inspect the oxygen sensor wiring. If oxygen sensor wire is contacting the exhaust pipe or heat shield, it will be necessary to replace the Bank 1 Sensor 1 oxygen sensor and ensure the sensor wiring is routed away from the exhaust.

Important: Service agents must comply with all International, Federal, State, Provincial, and/or Local laws applicable to the activities it performs under this bulletin, including but not limited to handling, deploying, preparing, classifying, packaging, marking, labeling, and shipping dangerous goods. In the event of a conflict between the procedures set forth in this bulletin and the laws that apply to your dealership, you must follow those applicable laws.

Service Procedure



6563511

Refer to *Heated Oxygen Sensor Replacement - Bank 1 Sensor 1* in the Service Manual.

Parts Information

Note: Only select the parts that coincide with the repair performed. Replace the part with the P/N outlined in the Electronic Parts Catalog (EPC) in accordance with the vehicle VIN.

Causal Part	Description	Part Number	Qty
X	SENSOR, HTD OXY (PRE-CATALYST BANK 1 SEN 1)	12679885	1

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
4025970	Heated Oxygen Sensor Replacement – Bank 1 Sensor 1	Use the Published Labor Operations Time

Version	1
Modified	Released March 12, 2024

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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