



Service Bulletin

Bulletin No.: 20-NA-197

Date: September, 2020

TECHNICAL

Subject: Malfunction Indicator Lamp (MIL) Illuminated - DTC P0087, P0089, P0191, P026C, P026D, P1089, P163A, P163B, P2293, P228A, P228B, P228C, and/or P228D

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Silverado	2017	2018			L5P	
	Silverado 2500HD/ 3500HD	2019	2020			L5D	
	Silverado 4500HD, 5500HD and 6500HD	2019	2020				
GMC	Sierra	2017	2018			L5P	
	Sierra 2500HD/ 3500HD	2019	2020				

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"> • P0087: Fuel Rail Low Pressure • P0089: Fuel Pressure Regulator 1 Performance • P0191: Fuel Rail Pressure Sensor 1 Performance • P026C: Injection Quantity Too Low • P026D: Injection Quantity Too High • P1089: Fuel Rail Pressure Performance During Deceleration Fuel Cut-Off • P163A: Control Module Fuel Pressure Regulator 1 Control System Circuitry Performance • P163B: Control Module Fuel Pressure Regulator 2 Control System Circuitry Performance • P2293: Fuel Pressure Regulator 2 Performance • P228A: Fuel Pressure Regulator 1 Control - Forced Engine Shutdown • P228B: Fuel Pressure Regulator 2 Control - Forced Engine Shutdown • P228C: Fuel Pressure Regulator 1 Control Performance - Low Pressure • P228D: Fuel Pressure Regulator 1 Control Performance - High Pressure
Cause	This condition may be caused by corrosion or damaged at the fuel pressure sensor electrical connector.



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Inspect the fuel pressure sensor electrical connector for corrosion or damage.

⇒ It may be necessary to use the terminal test kit with dielectric grease on it and apply/drag each terminal a few times.

Correction



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- If you see a suspect terminal, it may be necessary to removal said terminal and inspect for corrosion, damage and/or signs of the dielectric grease starting to turn black.
- If any of the conditions have been found, replace the electrical connector.

Service Procedure

Refer to *Connector Repairs* in SI.

Parts Information

Causal Part	Description	Part Number	Qty
N/A	CONNECTOR, WRG HARN	19367009	1
N/A	ACDelco Dielectric Lubricant*	12377900 (U.S.) 10953529 (Canada)	1

*There is enough material to do additional vehicles. Store the remaining material for future use.

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
5430860	Connector Kit Replacement	Use the Published Labor Operations Time

Version	1
Modified	Released September 23, 2020

