



Service Bulletin

Bulletin No.: 22-NA-069

Date: April, 2022

TECHNICAL

Subject: Malfunction Indicator Lamp (MIL) Illuminated - DTC P11D5 and/or P20EE Set

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Silverado 2500HD/3500HD	2022	2022			L5P	
GMC	Sierra 2500HD/3500HD						

Involved Region or Country	North America, Middle East, Iraq, Palestine, Australia/New Zealand
Condition	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). <ul style="list-style-type: none"> • P11D5 • P20EE
Cause	This condition may be caused by a software anomaly.
Correction	Engineering has seen vehicles with unusual NOx sensor learn values. This happens only on new vehicles under 10,000 miles (16,000 km). This may be the result of the vehicle being new and being driven in changing altitude and/or humidity. If: <ul style="list-style-type: none"> • If the vehicle has less than 10,000 miles (16,000 km). • This is the first time that the vehicle has set one of these codes. • These are the only codes. There is a high likelihood that the NOx sensor learns are corrupt. <ul style="list-style-type: none"> – If this is NOT the first time that this vehicle set one of these codes, refer to SI. – If this is the first time that this vehicle set one of these codes, refer to the Service Procedure below.

Service Procedure

Procedure to reset NOx learns:

1. Document any codes that are in the ECM.
2. Clear the codes in the ECM
3. Using GDS2, perform a NOx sensor 1 reset and a NOx sensor 2 reset.
4. Perform a Reductant System Malfunction Warning Service Bay test.
 - If the test passes, there is a high likelihood that the NOx sensors learned incorrectly in the new exhaust system. Do not replace any parts, the learns should work correctly from now on.

- If the test fails, refer to SI diagnostics for the code set in the vehicle.
- If the test times out, this is likely due to an overloaded NOx catalytic converter. Please perform a Service Regeneration followed by a Reductant System Malfunction Warning Service Bay test.

Parts Information

No parts are required for this repair.

Warranty Information

Important: Only use the Labor Operation number that coincides with the repair performed.

Note: If the Reductant System Malfunction Warning Service Bay test passes on the first attempt, perform this repair.

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
4088598*	Reductant System Malfunction Warning Service Bay Test	0.5 hr
*This is a unique Labor Operation for Bulletin use only.		

Note: If the vehicle required a service regeneration and two Reductant System Malfunction Warning Service Bay tests, perform this repair.

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
4088618*	Service Regeneration and Two Reductant System Malfunction Warning Service Bay Tests	1.5 hr
*This is a unique Labor Operation for Bulletin use only.		

Version	1
Modified	Released March 31, 2022

