



Preliminary Information

PIP5936 2024 Duramax Diesel 6.6L L5P P24A4 P2463

Proactive
Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Silverado 2500 and 3500	2024	All	All	6.6 L5P	All
GMC	Sierra 2500 and 3500	2024	All	All	6.6 L5P	All

Involved Region or Country:	North America. Israel, Palestine, Middle East
Condition:	Customer may have a concern of a MIL displayed.
Cause:	A technician may find DTCs P24A4 and / or P2463 set.

Correction:

If DTC P24A4 is set along with DTC P2463, replace the Diesel Particulate Filter (DPF).
Once the new DPF is installed on the vehicle perform a service regeneration to ensure proper operation and then see the vehicle check list below as an aid in determining why the DTCs set.
If DTC P2463 is set without DTC P24A4, perform a service regeneration to get the soot level down to an acceptable level.
Once the regeneration is performed see the vehicle check list below as an aid in determining why the DTC set.

Service Procedure:

Vehicle Checks

1. See the ISLI procedure below to determine if there is an induction leak in the vehicle.
2. Check the engine hours and use the calculation in bulletin [17-NA-374](#).
3. Check the miles since last regen.
4. Check the number of regens completed.
5. Check the engine oil level for signs of oil consumption.

If the above checks out and the vehicle is otherwise healthy, Engineering is aware of the issue and is working on a solution.

ISLI Test

Using GDS2, Command the Exhaust Gas Recirculation Valve Position to 0% (You may need to command to 10% first, then to 0%).
Confirm that the Induction System Leak Indicator (ISLI) is between 0.95 and 1.05.

- If the EGR valve is stuck open or there is a leak between the air box and the turbocharger, you will see a reading lower than 0.95.
- A reading above 1.05 would indicate a boost leak, something in the charge air cooler system, turbocharger, or intake manifold.

Version History

Version	1
Modified	07/19/2023 - Created on.



GENERAL MOTORS

© 2023 General Motors. All Rights Reserved.