

Subject: Engineering Information - Check Engine Lamp Illuminated On Driver Information Center (DIC), DTC P0299 Set

Attention: Proceed with this EI ONLY if the customer has commented about this concern AND the PIE number is listed in the Global Warranty Management / Investigate History link (GWM/IVH). If the customer has not commented about this condition or the EI does not show in GWM/IVH, disregard the PIE and proceed with diagnostics found in published service information. THIS IS NOT A RECALL refer to Service Bulletin 04-00-89-053 for more details on the use of Engineering Information bulletins.

This EI has been revised to update the Correction. Please discard PIE0737.

Brand:	Model:	Model Year:		VIN Breakpoint:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Silverado 1500 New (RPO J22, VIN Digit 5 = A / D)	2022	2022	—	—	Equipped with 2.7L (RPO L3B)	—
	Silverado 1500	2023	2023				
GMC	Sierra 1500 New (RPO J22, VIN Digit 5 = H / U)	2022	2022				
	Sierra 1500	2023	2023				

Involved Region or Country	U.S. Dealers ONLY
Condition	Some customers may comment on Check Engine Lamp Illuminated on the Driver Information Center (DIC). Technicians will find DTC P0299 set in the Engine Control Module (ECM).
Cause	GM Engineering is attempting to determine the root cause of the above condition. Engineering has a need to gather information on vehicles PRIOR to repair that may exhibit this condition. As a result, this information will be used to "root cause" the customer's concern and develop/validate a field fix.

Correction

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.

If you encounter a vehicle with the above concern, perform the following steps and contact one of the engineers listed below:

1. Use GDS2 to record all codes.
2. Open the Freeze Frame Failure Records for the P0299 prior to clearing the code and have the data available for review with engineering at the time of contact.
3. If ANY other Induction system codes are stored, P0101 P1101 ect, use Strategy Based Diagnosis to isolate and correct these codes prior to performing the PI or contacting engineering.
4. If the ambient temperature reading in the Freeze Frame Failure Records indicate cold environment operation, remove the CAC inlet and outlet pipes.
5. Use a Shop Vacuum to remove any moisture from the CAC and perform Bulletin 23-NA-002 for Charge Air Cooler (CAC) Icing.
6. Inspect for the following:
 - A stuck open Compressor Air Intake Turbocharger Bypass Valve Solenoid
 - Check the turbine wheel to insure it spins freely.
 - Check for any signs of obvious damage, debris, or contamination.

- Record the P/N# on the turbo charger.

Contact Information

The Contact Information has been redacted.

Please include the following information if leaving a message:

- Technician name
- Dealer name and phone number
- Complete VIN and repair order (R.O) number

On the repair order, document the date and time the call was placed (even if the engineer was not reached).

If engineering is unable to return the call within one hour, proceed with diagnosis and repair based on information found in SI.

Warranty Information

If engineer was contacted or required information was provided, use:

Labor Operation	Description	Labor Time
4088928*	Engineering Information - Check Engine Lamp Illuminated On (DIC), DTC P0299 Set	2.2 Hrs.

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

Version	2
Modified	Released February 24, 2023 Revised March 06, 2023 - Updated the Correction.