



# Service Bulletin

Bulletin No.: PIE0808

Date: November, 2024

## ENGINEERING INFORMATION

**Subject:** Engineering Information - Malfunction Indicator Lamp (MIL) Illuminated on Driver Information Center (DIC), DTC's P02EE, P02EF, P02F0, P02F1, P10A3, P10A4, P10A5, P10A6, P10A7, P10A8, P10A9, P10AA, P2B00, P2B01, P2B02, P2B03, P2B08, P2B09, P2B0A, P2B0B, P2B95, P2B96, P0300, P050D, P30D4 Set

**Attention:** Proceed with this EIONLY 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.

| Brand:    | Model:   | Model Year: |      | VIN Breakpoint: |    | Engine:                            | Transmission : |
|-----------|----------|-------------|------|-----------------|----|------------------------------------|----------------|
|           |          | from        | to   | from            | to |                                    |                |
| Chevrolet | Colorado | 2023        | 2024 | —               | —  | Equipped with 2.7L (RPOs L2R, L3B) | —              |
| GMC       | Canyon   |             |      |                 |    | Equipped with 2.7L (RPO L3B)       |                |

| Involved Region or Country | U.S. Dealers ONLY  |
|----------------------------|--|
| <b>Condition</b>           | <p>Some customers may comment on Malfunction Indicator Lamp (MIL) illuminated on Driver Information Center (DIC).</p> <p>Technicians may find one or more of the following DTC's set:</p> <ul style="list-style-type: none"> <li>• P02EE - Cylinder 1 Injector Circuit Range/Performance</li> <li>• P02EF - Cylinder 2 Injector Circuit Range/Performance</li> <li>• P02F0 - Cylinder 3 Injector Circuit Range/Performance</li> <li>• P02F1 - Cylinder 4 Injector Circuit Range/Performance</li> <li>• P10A3 - Cylinder 1 Injection Pulse Offset Learning at Min Limit</li> <li>• P10A4 - Cylinder 1 Injection Pulse Offset Learning at Max Limit</li> <li>• P10A5 - Cylinder 2 Injection Pulse Offset Learning at Min Limit</li> <li>• P10A6 - Cylinder 2 Injection Pulse Offset Learning at Max Limit</li> <li>• P10A7 - Cylinder 3 Injection Pulse Offset Learning at Min Limit</li> <li>• P10A8 - Cylinder 3 Injection Pulse Offset Learning at Max Limit</li> <li>• P10A9 - Cylinder 4 Injection Pulse Offset Learning at Min Limit</li> <li>• P10AA - Cylinder 4 Injection Pulse Offset Learning at Max Limit</li> <li>• P2B00 - Cylinder 1 Injection Pulse Performance</li> <li>• P2B01 - Cylinder 2 Injection Pulse Performance</li> <li>• P2B02 - Cylinder 3 Injection Pulse Performance</li> </ul> |

|              |  |
|--------------|--|
|              | <ul style="list-style-type: none"> <li>• P2B03 - Cylinder 4 Injection Pulse Performance</li> <li>• P2B08 - Cold Start Cylinder 1 Injection Pulse Performance</li> <li>• P2B09 - Cold Start Cylinder 2 Injection Pulse Performance</li> <li>• P2B0A - Cold Start Cylinder 3 Injection Pulse Performance</li> <li>• P2B0B - Cold Start Cylinder 4 Injection Pulse Performance</li> <li>• P2B95 - Cold Start Injection Pulse Performance</li> <li>• P2B96 - Injection Pulse Performance</li> <li>• P0300 - Engine Misfire Detected</li> <li>• P050D - Cold Start Rough Idle</li> <li>• P30D4 - Injector Circuits Range/Performance</li> </ul> |
| <b>Cause</b> | 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 the engineer listed below with your findings.

1. Discuss with the customer to determine exactly what driving conditions resulted in the check engine light. For example, was it shortly after starting the engine? Was it during high speed/high load conditions, low speed/low load, idle, etc? The Engineer will need to know what DTCs were set, and what driving conditions led up setting the codes.
2. Inspect the wiring harness at the turbo actuator and inspect for chafing/damage, as shown in the picture below.



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3. Unplug the fuel rail connector, wait for 60 seconds, and then re-plug it in.
4. Drive the vehicle around for at least 10 miles, trying to repeat the driving conditions that the customer said resulted in the check engine light. Check for DTCs. If there are no codes, return the vehicle to the customer and call the engineer to let them know.
5. If there are DTCs, reference the diagnostic procedure for the DTC that is currently set.

- 6. If no issue is found and the MIL is still present, open a TAC Case for the vehicle and call the Engineer for next direction. DO NOT clear the codes.

**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 an engineer was contacted or required information was provided, use:

| Labor Operation  | Description  | Labor Time |
|--|--|------------|
| 4089248*   | Engineering Information - (MIL) Illuminated On (DIC), Multiple DTC's Set | 0.8 Hrs.   |
| *This is a unique Labor Operation for bulletin use only. |  |            |

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|----------|----------------------------|
| Version  | 1                          |
| Modified | Released November 14, 2024 |

