Subject: **Engineering Information (EI) – Check Engine Lamp Illuminated on Driver Information Center (DIC), DTCs P00C6, P312B, P217D, P2149, P312C, P01BF, P2CA0, P216D, P2155, P228C, U101C 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 the latest version of 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	Corvette	2023	2024	—	—	5.5L (RPO LT6)	—

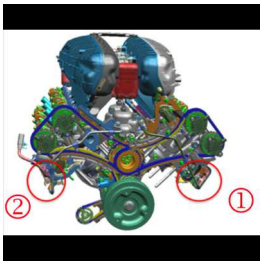
Involved Region or Country	**U.S. Dealers ONLY**
Condition	Some customers may comment on a Check Engine Lamp illuminated on the Driver Information Center (DIC). Technicians may find one or more of the following DTCs set: • P00C6 - Fuel Rail Pressure Low During Engine Cranking • P312B - Fuel Rail Pressure Sensor Internal Performance Bank 2 – Internal Component Fault • P217D - Cylinder 8 Fuel Injector High Control Circuit • P2149 - Cylinder 2 Fuel Injector High Control Circuit • P312C - Fuel Rail Pressure Sensor 2 Internal Performance Bank 2 – Internal Component Fault • P01BF - Fuel Rail Pressure Sensor Performance Bank 2 – Internal Component Fault • P2CA0 - Fuel Pressure Regulator Exceeded Control Limits - Low Pressure Bank 2 • P216D - Cylinder 6 Fuel Injector High Control Circuit • P2155 - Cylinder 4 Fuel Injector High Control Circuit • P228C - Fuel Pressure Regulator Control Performance - Low Pressure • U101C - Lost Communication With Fuel Rail Pressure Sensor Bank 2 Sensor 2 **Important:** If failure is confirmed to be related to the high-pressure fuel sensor, it will be necessary to replace the fuel rail, fuel pressure sensor and harness. Please **DO NOT** remove the fuel pressure sensor from the fuel rail or remove the connector. The old injectors will be transferred to the new fuel rail assembly. **DO NOT** change any wiring positions. **DO NOT** clean the components. If there is water on it, leave it.
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 wil be used to "root cause" the customer's concern and develop/validate a field fix.

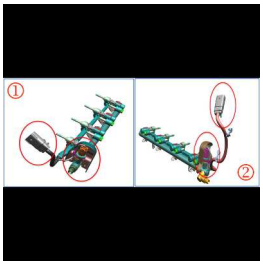
Correction

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.

Note: Please review the question below PRIOR to calling to help aid in diagnosis.





Specific locations to inspect for Bank 1 and Bank 2 fuel rail assembly, as shown in the pictures above.

1. Look for evidence of water/fluid collection on the pressure sensors connector/harness.
   1.1. Look for evidence of water/fluid on the fuel rail harness.
2. What is the pressure sensor connector wires position?
   2.1. Take a clear close-up picture of the pressure sensor connector wires.
3. Any damage at the pressure sensor connector/wire interface?
4. Any damage at the 12-way or the mating connector wire interface?
5. Any evidence of harness chafing?
6. Any evidence of harness damage at the pressure sensor connector due to a sharp bend?

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
4086348*	Engineering Information - Check Engine Lamp Illuminated on Driver Information Center (DIC), Multiple DTCs Set	0.5 hr
4022370	Fuel Injection Fuel Rail Assembly Replacement - Bank 1	Use Published Labor Operation Time
4022390	Fuel Injection Fuel Rail Assembly Replacement - Bank 2	
*This is a unique Labor Operation for bulletin use only.		

Version	1
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