



# Service Bulletin

Bulletin No.: 21-NA-161

Date: November, 2023

## TECHNICAL

**Subject:** Check Engine Lamp (CEL) Illuminated on Driver Information Center (DIC), DTCs P12E9, P12EA, P12EF, P12F0, P12F6, P12F7, P12FC, P12FD Set

| Brand:    | Model: | Model Year: |      | VIN: |    | Engine:    | Transmission:            |
|-----------|--------|-------------|------|------|----|------------|--------------------------|
|           |        | from        | to   | from | to |            |                          |
| Chevrolet | Camaro | 2019        | 2024 | —    | —  | 6.2L (LT1) | 10-Speed Automatic (MF6) |

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Involved Region or Country | North America, Argentina, Brazil, Bolivia, Chile, Colombia, Ecuador, Paraguay, Peru, Uruguay, Europe, Russia, Middle East, Israel, Japan, GM Korea Company, China, Taiwan, Philippines                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Condition                  | <p>Some customers may comment on a Check Engine Lamp (CEL) illuminated on Driver Information Center (DIC).</p> <p>Technicians may find one or more of the following DTCs set:</p> <ul style="list-style-type: none"> <li>– P12E9 - Cylinder Deactivation Exhaust Flow Valve Open Position (Bank 1)</li> <li>– P12EA - Cylinder Deactivation Exhaust Flow Valve Closed Position (Bank 1)</li> <li>– P12EF - Cylinder Deactivation Exhaust Flow Valve Stuck Closed (Bank 1)</li> <li>– P12F0 - Cylinder Deactivation Exhaust Flow Valve Stuck Open (Bank 1)</li> <li>– P12F6 - Cylinder Deactivation Exhaust Flow Valve Open Position (Bank 2)</li> <li>– P12F7 - Cylinder Deactivation Exhaust Flow Valve Closed Position (Bank 2)</li> <li>– P12FC - Cylinder Deactivation Exhaust Flow Valve Stuck Closed (Bank 2)</li> <li>– P12FD - Cylinder Deactivation Exhaust Flow Valve Stuck Open (Bank 2)</li> </ul> |
| Cause                      | This condition may be caused by the exhaust valve actuator doors being either stuck or not opening/closing at the correct time.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Correction                 | Replace the appropriate exhaust valve actuators.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

### Service Procedure

**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, obtain the new service parts listed in the parts table below and refer to Exhaust Control Valve Actuator Replacement (Front Valves with Performance Exhaust) or Exhaust Control Valve Actuator Replacement (Rear Valves with Performance Exhaust) in SI.

### Parts Information

| Causal Part | Description               | Part Number | Qty |
|-------------|---------------------------|-------------|-----|
| X           | ACTUATOR ASM-EXH CONT VLV | 84897442    | 1   |

### Warranty Information

For vehicles repaired under warranty, use:

| Labor Operation | Description                                | Labor Time                         |
|-----------------|--------------------------------------------|------------------------------------|
| 4051800         | Exhaust Control Valve Actuator Replacement | Use Published Labor Operation Time |

|          |                                                                                                                        |
|----------|------------------------------------------------------------------------------------------------------------------------|
| Version  | 2                                                                                                                      |
| Modified | Released November 02, 2021<br>Revised November 17, 2023 – Added the 2022-2024 Model Years and the Important statement. |

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, **DO NOT** assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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