



# Service Bulletin

Bulletin No.: 21-NA-116

Date: February, 2023

## TECHNICAL

**Subject: Malfunction Indicator Lamp (MIL) Illuminated - Multiple DTCs Set**

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Volt	2016	2019	—	—	1.5L (L3A)	—

<b>Involved Region or Country</b>	North America, GM Korea Company
<b>Condition</b>	<p>Some customers may comment that the MIL is illuminated. Some technicians may find open fuse F3UA in the underhood fuse block. Some technicians may also find one or more of the following DTCs set in the Engine Control Module (ECM):</p> <ul style="list-style-type: none"> <li>• P0030</li> <li>• P0031</li> <li>• P0403</li> <li>• P0405</li> <li>• P0443</li> <li>• P0458</li> <li>• P0489</li> <li>• P0597</li> <li>• P0598</li> </ul>
<b>Cause</b>	<p>This condition may be caused by an internal short in the exhaust gas recirculation (EGR). – This could appear to be intermittent if the EGR is not working at the time the fuse is replaced.</p>
<b>Correction</b>	<p>Inspect for any shorts in the engine harness that could cause the fuse F3UA to Open. Look specifically at the harness going to the EGR (G14), Heated oxygen sensor 1 (B52A), engine coolant thermostat (E41), EVAP purge solenoid Valve (Q12), and engine oil pressure control solenoid Valve (Q44) for any chaffing points. ⇒ If the harness checks out, replace the EGR valve (Q14).</p>

### Service Procedure

Refer to *Exhaust Gas Recirculation Valve Replacement* in SI.

### Parts Information

Causal Part	Description	Part Number	Qty
X	VALVE, EGR	12691147	1

## Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
4024770	Exhaust Gas Recirculation Valve Replacement	Use Published Labor Operation Time

Version	1
Modified	Released February 03, 2023

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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