



Service Bulletin

Bulletin No.: 24-NA-080
Date: October, 2024

TECHNICAL

Subject: Malfunction Indicator Lamp (MIL) Illuminated - DTC P0030, P0031, P0401, P0403, P0405, P0443, P0458, P0489, P0597, and/or P0598 Set

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

Involved Region or Country	North America, GM Korea Company
Condition	Some customers may comment that the MIL is illuminated. Technicians may find on or more of the following DTCs set in the Engine Control Module (ECM): • P0030 • P0031 • P0401 • P0403 • P0405 • P0443 • P0458 • P0489 • P0597 • P0598
Cause	This condition may be caused by a blown F3A fuse. - A binding in or a short in the EGR may appear to be intermittent if the EGR is not working at the time the fuse is replaced. Note: For 2016 2017 vehicles, this condition may also be caused by the EGR cooler being plugged, not allowing sufficient flow. The EGR valve may have seized in bore due to carbon buildup or overheat from lack of flow from cooler.
Correction	Inspect for any concerns in the Engine harness that could cause the fuse F3UA to Open. ⇒ Review 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 damage, chafe, or breaks. Vehicles that have DTC P0401 set and no other EGR DTC, it is recommended to replace the EGR cooler for this condition first and re-test. • If history of the vehicle does not show replacement of EGR cooler on the 2016/17MY, then recommend review for flow and replace EGR cooler per results, as needed. Clear codes and test drive to ensure that the DTC does not reset. • If the code resets, replace the EGR valve. Note: The 2016/17 MY used an early design EGR cooler. If replacement is found necessary, the replacement will be to the 2018/2019 MY style.

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.

Service Procedure

Refer to *Exhaust Gas Recirculation Valve Replacement*.

Parts Information

Note: Only select the parts that coincide with the repair performed. Replace the part with the P/N outlined in the Electronic Parts Catalog (EPC) in accordance with the vehicle VIN.

Causal Part	Description	Part Number	Qty
X	VALVE, EGR	19436521	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 October 11, 2024

