



Preliminary Information

PIP5615A DTC P0421 Catalyst 1 Efficiency Below Threshold 1.6
LH7 Diesel

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Equinox	2018		All	All	1.6L Turbo Diesel (LH7)
GMC	Terrain	2018	All	All	1.6L Turbo Diesel (LH7)	All

Involved Region or Country	North America
Condition	Some customers may comment that the MIL is illuminated. Some technicians may find one or more of the following DTC's set in the Engine Control Module (ECM). • P034A: Crankshaft Start Position Incorrect • P0421: Catalyst Efficiency • P050F: Brake Assist Vacuum too low • P059F: Aero Shutters Stuck • P111E ECT Not Plausible • P11DC: NOx Sensor 2 Current Performance • P122D: Throttle Learn Limit Exceeded • P1488: PM Sensor Protection Tube • P220B: NOx2 Supply Voltage • P22FE: NOx2 Sensor Performance • P2457: EGR Cooler System Performance • P2463: Diesel Particulate Filter (DPF) Soot Accumulation • P2BAA: Low DEF Consumption
Cause	This condition may be caused by a software anomaly.

Correction:
Follow Bulletin No.: 19-NA-009 Malfunction Indicator Lamp (MIL) Illuminated - DTC's P034A, P0421, P050F, P059F, P11DC, P111E, P122D, P1488, P220B, P22FE, P2457, P2463, and/or P2BAA.

Version History

Version	2
Modified	12-13-18 - Created 2-7-19 - Revised to follow 19-NA-009 bulletin, ECM calibration.



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