



Preliminary Information

PIP5624 Diagnostic Tips For Stall / Stumble After Startup

Product Investigation Review Required

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Equinox	2010 - 2017	All	All	2.4L LAF, LEA	All
GMC	Terrain	2010 - 2017	All	All	2.4L LAF, LEA	All

Involved Region or Country	North America
Condition	Engine may stumble and / or stall after startup (hot or cold start). Condition may be more noticeable when placed into gear. Typically there are no related DTCs.
Cause	Faulty aftermarket or incorrect upstream Oxygen sensor (HO2S) installed.

Correction:

Monitor Upstream Oxygen sensor voltage when condition present.

It may be found that the voltage is skewing high (staying at 800mv or higher) causing the ECM to believe the engine is running rich, resulting in an unnecessary lean out of the fuel system.

If the condition is not present with upstream oxygen sensor disconnected, this may confirm the oxygen sensor as being the issue.

Upon further inspection it may be found that the upstream oxygen sensor had been replaced with a faulty aftermarket or incorrect upstream oxygen sensor (sensor for different vehicle application / position).

This issue is currently under review and this PI will be updated to a Bulletin or incorporated into Service Information diagnostics.

Version History

Version	1
Modified	02/04/2019 - Created on



