Bulletin No.: PIP5511
Published date: 08/4/2017

Preliminary Information

PIP5511 DTC P0300 Flashing MIL Possible Moisture In Charge Air Cooler System

Proactive

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Equinox	2018	All	All	1.5 LYX and 2.0 LTG	All
GMC	Terrain	2018	All	All	1.5 LYX and 2.0 LTG	All

Involved Region or Country:	North America
Condition:	Flashing MIL, history DTC P0300, random misfires when accelerating after a long steady state drive in humid climates and/or during heavy rain storms.
Cause:	The rapid cooling of the hot moist air inside the charge air cooler due to heavy rain or high humidity could potentially lead to excessive moisture/condensation in the charge air cooler that can be ingested into the engine.

Correction:

Complete published SI diagnostics for DTC P0300.

If the root cause is not isolated and DTC P0300 is stored in history, but the misfire was a recent event, one possible cause could be moisture that had accumulated within the charge air cooler.

Under boosted conditions the air temperature is increased within the charge air cooler system, in areas of high humidity or heavy rain rapid cooling of the air within the charge air cooler will take place. During steady state driving at highway speed it's possible moisture can accumulate in the charge air cooler and under a wide open throttle acceleration event that moisture could be drawn into the engine creating a flashing MIL and intermittent misfire.

Do not replace any components for this concern. GM Powertrain is currently investigating the condition and this PI will be updated as more information becomes available.

Warranty Information

For vehicles repaired under warranty, use the published labor time.

Version History

Version	1
Modified	

© 2016 General Motors. All Rights Reserved.