Preliminary Information

PIP5627 Diagnostic Tips For I/M Flags Resetting After Ignition Cycled

Models

Brand:	Model:	Model Years:	VIN: from	VIN: to	Engine:	Transmissions:
Buick	Enclave	2009 - 2014	All	All	All	All
Buick	LaCrosse	2011 - 2012	All	All	All	All
Buick	Regal	2011 - 2012	All	All	All	All
Cadillac	CTS	2010 - 2015	All	All	All	All
Cadillac	Escalade	2008 - 2014	All	All	All	All
Cadillac	STS	2011	All	All	All	All
Chevrolet	Colorado	2009 - 2012	All	All	All	All
Chevrolet	Express 1500	2008 - 2014	All	All	5.3L LMF	All
Chevrolet	Impala limited	2013 - 2016	All	All	All	All
Chevrolet	Silverado 1500	2007 - 2013	All	All	4.8L L20, LY2, 5.3L LH6, LMG, LC9, LY5, 6.2L, L92, L94	All
Chevrolet	Suburban 1500	2008 - 2014	All	All	All	All
Chevrolet	Tahoe 1500	2008 - 2014	All	All	All	All
Chevrolet	Traverse	2009 - 2014	All	All	All	All
GMC	Acadia	2009 - 2014	All	All	All	All
GMC	Canyon	2009 - 2012	All	All	All	All
GMC	Savana 1500	2008 - 2014	All	All	5.3L LMF	All
GMC	Sierra 1500	2007 - 2013	All	All	4.8L L20, LY2, 5.3L LH6, LMG, LC9, LY5, 6.2L, L92, L94	All
Hummer	H2	2008 - 2009	All	All	All	All
Hummer	H3	2008 - 2010	All	All	All	All
Saturn	Outlook	2009 - 2010	All	All	All	All
Saturn	VUE	2008 - 2010	All	All	All	All

Involved Region or Country	North America
Condition	I/M flags may reset after the ignition is cycled. DTCs that were stored/set in any module could also be cleared by cycling the ignition.
Cause	Aftermarket Fuel Pump Control Module (FPCM).

Correction:

It has been found that some aftermarket fuel pump control modules, may contain an internal terminating resistor for the high speed data bus.

This can interfere with proper operation of the high speed data bus on systems where the OEM design fuel pump control module, does not contain an internal terminating resistor.

Measuring resistance in the high speed data system should be able to identify this concern.

This condition is under review. Information will be updated in SI or the PI will be updated to a Technical Service Bulletin once a permanent repair has been established.

Version History

Version	1
Modified	2/13/2019 - Created

GENERAL MOTORS