



Service Bulletin

File in Section: -

Bulletin No.: 16-NA-407

Date: October, 2017

INFORMATION

Subject: Information on Chassis Control Module (CCM) and Hybrid Powertrain Control Module (HPCM) Receives Invalid Data and Sets DTC U0422

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	LaCrosse	2017	2018				
Cadillac	XT5						
Chevrolet	Bolt EV						
	Equinox	2018					
GMC	Terrain						

Involved Region or Country	North America and N.A. Export Regions
Condition	The technician may find DTC U0422 set. The technician may also find the following DTCs set: • U1534 • U1538

Information

Based on analysis with the BCM and Hybrid Powertrain Control Module (HPCM) teams, during vehicle startup (on occasion) the PEPS module arbitration along with high bus traffic leads to the BCM or HPCM setting the door open switch virtual device availability (VDA) to unavailable. The BCM or HPCM does not update the VDA back to Available until the door switch changes state (this signal is event based as opposed to periodic). The ICCM and HPCM sets the U0422 DTC after 1 second of either the door ajar VDA or door open VDA being unavailable.

Correction

Ignore CCM and HPCM U0422 DTC (no service necessary) unless it is a current/active code or is accompanied by associated BCM faults U1534 or U1538.

Version	4
Modified	August 14, 2017 – Updated Model Years to 2018. October 04, 2017 – Added Equinox and Terrain models. October 19, 2017 - Added HPCM information.

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