Bulletin No.: PIP4990D
Published date: 02/23/2017

Preliminary Information

PIP4990D MIL Setting DTC U0101 Current Or History

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Buick	Encore	2013 - 2017	ALL	ALL	2H0, LUJ, LUV	MH8, MHB, MNH, MHK
Buick	Cascada	2016 - 2017	ALL	ALL	LWC	MH7
Buick	Allure(Canada)	2010 - 2011	ALL	ALL	LAF, LDK, LE5, LEA, LUK	MH7, MH8, MHH
Buick	LaCrosse	2010 - 2016	ALL	ALL	LAF, LDK, LE5, LEA, LUK	MH7, MH8, MHH
Buick	Regal	2011 - 2017	ALL	ALL	LAF, LEA, LHU, LTG, LUK	MH7, MH8, MHH, MHK
Buick	Verano	2012 - 2017	ALL	ALL	LEA, LHU	MH7, MH8, MHK
Chevrolet	Cruze	2011 - 2017	ALL	ALL	2H0, LDD, LDE, LDU, LFH, LFJ, LGE, LHU, LHJ, LLU, LUV, LUW, LWE, LXV	MH7, MH8, MHK
Chevrolet	Malibu	2008 - 2017	ALL	ALL	LCV, LFU, LTG	MNH
Chevrolet	Equinox	2010 - 2017	ALL	ALL	LAF, LEA	MH7, MHC, MHK
Chevrolet	Orlando(Canada)	2012 - 2014	ALL	ALL	LAF, LEA	MH8
Chevrolet	Sonic	2012 - 2017	ALL	ALL	LDC, LDD, LDE, LED, LFJ, LNZ, LCU, LSF, LWD, LUV, LUW, LW3	M2A, MH8, MH9
Chevrolet	Trax	2013 - 2017	ALL	ALL	LE2, LUJ, LUV	MH8, MHB, MNH, MNK
GMC	Terrain	2010 - 2017	ALL	ALL	LAF, LEA,	MH7, MHC
Pontiac	G6	2010	ALL	ALL	LE5, LE9	MH8
Saturn	Aura	2009	ALL	ALL	LAT, LE5	MH8

Supersession Statement

This PI was superseded to add 2017 Model Year and the update transmission RPO's. Please discard PIP4990C.
The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition / Concern

Customers may comment that the service engine soon lamp comes on. Technicians may find a current DTC U0101 or the DTC may be stored in history.

Recommendations / Instructions

Be sure to review the appropriate eSI diagnostics for DTC U0101. Also gather all codes in the vehicle and which modules they are set in.
Investigation of several recent vehicles setting DTC U0101 has shown that this condition is frequently caused by issues in areas other than the control solenoid / module assembly (TEHCM).
Prior to any parts replaced there are several areas that should be inspected.
One area is the transmission connector pins, for damaged terminals or poor terminal fit.
Another area is the under hood fuse block for damaged terminals or poor terminal fit and mispositioned fuses in fuse block.
Another area to inspect would be the TCM ground.
Refer to eSI Automatic Transmission Controls Schematics to determine the ground identification (G106, G107, etc.) then the Master Electrical Component List to determine the location of the ground.
As always powers and ground should always be load checked to make sure the circuits are able to work properly.
Another common area would be to check the harness for rubbing through on any sharp objects mainly on top of transmission where harness can contact sharp area on engine block.
If calling TAC for assistance have all codes in vehicle and which modules they are set in ready when calling.
Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

© 2016 General Motors. All Rights Reserved.