



Preliminary Information

PIT4730B Diagnostic Tip- Information for U0140 or U0073 (BCM Appears Off Line On The High Speed Buss)

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Buick	Enclave	2008 - 2017	All	All	All	All
Buick	Lucerne	2006 - 2011	All	All	All	All
Cadillac	DTS	2006 - 2012	All	All	All	All
Cadillac	Escalade	2007 - 2014	All	All	All	All
Cadillac	SRX	2007 - 2009	All	All	All	All
Cadillac	CTS	2008 - 2013	All	All	All	All
Chevrolet	Avalanche	2007 - 2013	All	All	All	All
Chevrolet	Corvette	2005 - 2013	All	All	All	All
Chevrolet	Equinox	2007 - 2009	All	All	All	All
Chevrolet	Express	2008 - 2017	All	All	All	All
Chevrolet	Impala Limited	2006 - 2016	All	All	All	All
Chevrolet	Monte Carlo	2006 - 2007	All	All	All	All
Chevrolet	Silverado 1500	2007 - 2013	All	All	All	All
Chevrolet	Silverado HD	2007 - 2014	All	All	All	All
Chevrolet	Suburban	2007 - 2014	All	All	All	All
Chevrolet	Tahoe	2007 - 2014	All	All	All	All
Chevrolet	Traverse	2009 - 2017	All	All	All	All
GMC	Acadia	2007 - 2017	All	All	All	All
GMC	Savana Van	2008 - 2017	All	All	All	All
GMC	Sierra 1500	2007 - 2013	All	All	All	All
GMC	Sierra HD	2007 - 2014	All	All	All	All
GMC	Yukon	2007 - 2014	All	All	All	All
Hummer	H2	2008 - 2009	All	All	All	All
Pontiac	G8	2008 - 2009	All	All	All	All
Pontiac	Torrent	2008 - 2009	All	All	All	All
Saturn	Outlook	2007 - 2010	All	All	All	All
Saturn	Vue	2007 - 2010	All	All	All	All

Supersession Statement

This PI was superseded to update model years. Please discard PIT4730A.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition / Concern

Some customers may comment of one of the following symptoms:

- Door locks cycle while driving
- Intermittent No Start/Crank
- Service Stabilitrak DIC message
- Speedometer and tachometer freeze while driving

Along with these complaints there will be High Speed GM LAN history DTC's U0140 00 and/or U0073 71 stored in any GM LAN High Speed module.

This concern can occur if the High Speed GM LAN data circuits (2500 & 2501) have experienced an intermittent short to ground or short to each other "2 times" within a period of less than 1 second and then goes back to normal. If the scan tool or data bus diagnostic tool is connected to the vehicle, the BCM may appear to be "off- line" (no communication with the BCM) during that complete ignition cycle, but there will be communication with all other High Speed GM LAN modules.

NOTE: Because this issue is intermittent, a customer may drive his or her vehicle to the dealership when the concern is happening (not turning the ignition off) and if a scan tool is installed there will be no communication with the BCM. There will be communication with all other High Speed GM LAN modules however. This may lead a technician to unnecessarily replace the BCM because it was not communicating.

If this situation happens, the BCM will NOT communicate with the other High Speed GM LAN modules or the scan tool, until the ignition is turned off and the BCM has completely powered down (may take up to 20 minutes). Typically, the customer's complaint will be intermittent and it will usually occur when driving over bumps/rough roads.

Recommendations / Instructions

If DTC U0140 sym00 or U0073 sym71 is set in any of the high speed modules, refer to "Testing for Electrical Intermittents" in the service manual to reset the DTC and diagnose the location of the fault. Do NOT replace the BCM until normal diagnostics are performed. The use of the Data Bus Diagnostic Tool can be useful when performing such diagnostics. 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.

Additional SI Keywords

U0100 U0101 U0102 U0106 U0109 U0122 U0121 U0137



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