

#PIT4730A: Additional Diagnostic Information For U0140 Or U0073 - keywords comm DIC gage gauge inop inoperative int lan message speedo start tach - (Jun 18, 2010)

Subject: Additional diagnostic information for U0140 or U0073



Models:

- 2008-2011 Buick Enclave
- 2006-2011 Buick Lucerne
- 2006-2011 Cadillac DTS
- 2007-2011 Cadillac Escalade Models
- 2007-2009 Cadillac SRX
- 2008-2011 Cadillac CTS
- 2007-2011 Chevrolet Avalanche, Silverado, Suburban, Tahoe
- 2007-2009 Chevrolet Equinox
- 2009-2011 Chevrolet Traverse
- 2006-2011 Chevy Impala
- 2006-2007 Chevy Monte Carlo
- 2008-2011 Chevy Express
- 2007-2011 GMC Acadia, Sierra, Sierra Denali, Yukon, Yukon Denali, Yukon XL, Yukon Denali XL
- 2008-2011 GMC Savana
- 2008-2009 Hummer H2
- 2008-2009 Pontiac G8
- 2007-2009 Pontiac Torrent
- 2007-2010 Saturn Outlook, Vue

This PI was superseded to update model years. Please discard PIT4730.

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

Condition/Concern:

Some customers may complain of one of the following symptoms:

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

Along with these complaints DTC U0140 00 and/or U0073 71 may be stored as a history code in any GMLAN High Speed module.

If the 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 go back to normal, the BCM may appear to be "off-line" on the high speed buss. This intermittent scenario should not cause other modules to lose communication, only the BCM. If this situation happens, the BCM will not start communicating with other modules again until the key is out of the ignition and the BCM has timed out (approximately 20 minutes).

Typically the customers complaint will be intermittent and usually occur when driving over bumps/rough roads.

Recommendation/Instructions:

If DTC U0140 00 or U0073 71 is set only as a HISTORY code 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.

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.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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