



Service Bulletin

File in Section: -

Bulletin No.: PIC4740F

Date: September, 2015

PRELIMINARY INFORMATION

Subject: No Crank - Multiple Warning Telltales On - Trans Shifts Hard

Models: 2006-2011 Cadillac STS Models
2007 – 2009 Cadillac SRX
2008 – 2015 CTS (VIN D)
2013 – 2015 Cadillac ATS
2016 Cadillac ATS (RPO LCV)
2014 – 2015 Cadillac CTS Sedan (VIN A)
with 6-Speed Automatic Transmission

This PI was superseded to remove vin breaks and update models and model years.
Please discard PIC4740E.

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

Condition/Concern

Some customers may comment about one or more of the following concerns:

- SES light on
- Reduced power
- The vehicle will not crank over, no start
- Multiple warning telltales illuminate
- The transmission shifts hard
- The door locks cycle while driving

The Transmission Control Module (TCM) or Engine Control Module (ECM) may not communicate with the scan tool. The cause may be an unseated pin(s) in the transmission connector.

DTC	Description
C0242	ECM Indicated TCS Malfunction
C0561	System Disabled Information Stored
P0575	Cruise Control Switch Signal Circuit
P0615	Starter Relay Control Circuit
P0700	Transmission Control Module (TCM) Requested MIL Illumination
P0856	Traction Control Torque Request Circuit
P1629	Theft Deterrent Fuel Enable Signal Not Received
P2544	Transmission Torque Request Circuit
U0073	Controller Area Network (CAN) Bus Communication
U0074	Control Module Communication Bus B Off Malfunction
U0100	Lost Communication With ECM/PCM
U0101	Lost Communication With TCM
U0109	Lost Communication with Fuel Pump Control Module
U0121	Lost Communication With Anti-Lock Brake System (ABS) Control Module
U0140	Lost Communication With Body Control Module

DTC	Description
U2100	Controller Area Network (CAN) Bus Communication
U2105	Lost Communication With Engine Control Module (ECM)
U2106	Lost Communication With Transmission Control Module (TCM)

Recommendation/Instructions

All Models;

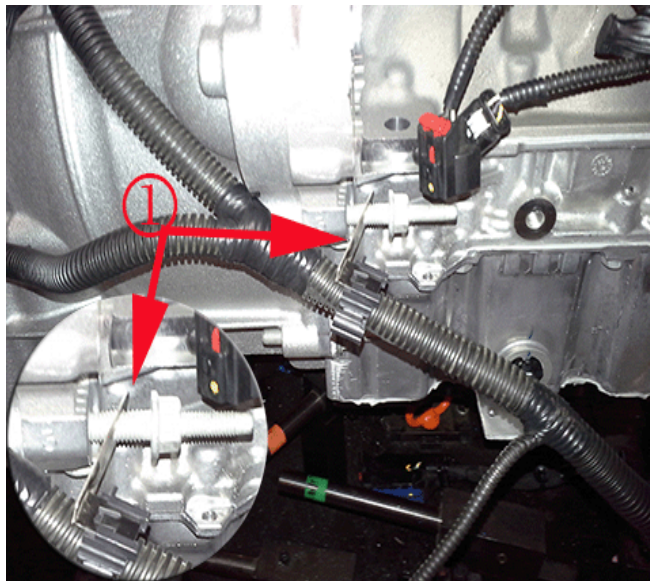
Inspect the transmission connector X1 terminal connections.

Disconnect the connector and carefully tug on each wire to ensure the pins are fully seated.

A side load on the wires may cause a false positive lock. Repair the connections as necessary.

Cadillac ATS and CTS Only;

Inspect the harness securing bracket located on the passenger side of the vehicle where the transmission bell housing is attached to the engine block. The harness should hang below the securing bracket. Also inspect harness at the securing bracket for chaffing.



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1. Harness Securing Bracket

Warranty Information

For wiring repairs covered under warranty, please refer to latest version of bulletin 10-00-89-005 for warranty information on wire/connector repairs.

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.