



# Service Bulletin

## PRELIMINARY INFORMATION

**Subject:** Harsh Shift Illuminated MIL DTC P0717 May Be Current Or In History In The TCM

**Models:** 2013 Chevrolet Express, Silverado  
2013 GMC Savana, Sierra  
Equipped with 4L60E (M30) Automatic Transmission

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

### Condition/Concern

Some customers may comment on a harsh shift or illuminated MIL. DTC P0717 may be found as a history code in the TCM.

### Recommendation/Instructions

Additional diagnostic checks for P0717

Check circuit 1984 from the Input Speed Sensor (ISS) terminal V to the Transmission Control Module (TCM) terminal 45

Install the J 44152 harness (20 pins) to the engine side of the transmission inline 20 way connector.

Using a test light go from terminal E to terminal V to check the TCM ground. If the test light does not light the internal ground in the TCM is suspect.

Unplug the TCM connector and check for continuity across pins 45 and 49. If there is no continuity replace the TCM and the ISS.

If there is continuity across pins 45 and 49 replace the ISS only.

**Note:** If the vehicle returns with the same concern and DTC P0717 resets please contact the Technical Assistance Center (TAC) @ 877-446-8227 (U.S.) or in Canada 1-800-263-7740 (English) or 1-800-263-7960 (French)

### Parts Information

Part Number	Description	QTY
24244544	Input Speed Sensor	1
25252114	Transmission Control Module	1

### Warranty Information

For vehicles repaired under warranty use:

Labor Operation	Description	Labor Time
K6311	Input Speed Sensor Replacement	Use Published Labor Operation Time
K5365	Transmission Control Module Replacement	Use Published Labor Operation Time

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.

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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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