



Service Bulletin

PRELIMINARY INFORMATION

Subject: Shift Flare, Harsh Reverse to Drive Shift, Delayed 5-3 Downshift

Models: 2013 Cadillac XTS
Equipped with 6T70/75 Automatic Transmission RPOs M7U, M7V, M7W, M7X
Vehicles Built Prior to VIN Breakpoint D9139401

Condition/Concern

Some customers may comment on any of the following conditions:

- 2-3 or 4-5 shift flare
- Reverse to Drive shift harsh
- Delayed 5-3 downshift at high throttle openings
- 2-3 shift bump at low or closed throttle
- Coastdown bumps
- Tap shift harsh

Recommendation/Instructions

Update the transmission control module (TCM) using the Service Programming System (SPS) with the latest software available on TIS2WEB. Refer to the Service Programming System (SPS) procedures in SI.

When using a Tech 2® or a Multiple Diagnostic Interface (MDI) for reprogramming, ensure that it is updated with the latest software version.

During programming, the battery voltage must be maintained within the proper range of 12–15 volts. Only use the approved Midtronics® PSC 550 Battery Maintainer (SPS Programming Support Tool EL-49642) or equivalent during programming.

Note: After programming, the vehicle may experience some temporary driveability issues, but the vehicle will learn improved shifting performance over the next several key cycles and driving time. Coach the customer about the transmission's ability to self correct shifting issues or concerns. The transmission adapts are always functional and operate at transmission oil temperatures above 40°C (104°F).

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
K5364	Transmission Control Module Reprogramming with SPS	Use Published Labor Operation Time

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.



WE SUPPORT VOLUNTARY TECHNICIAN CERTIFICATION