



Service Bulletin



SERVICE UPDATE

SUBJECT: Service Update for Inventory Vehicles Only
Torque Converter Clutch Sticking
Expires April 30, 2014

MODELS: 2013 Buick Enclave
2013 Cadillac SRX, XTS
2013 Chevrolet Malibu, Traverse
2013 GMC Acadia, Terrain
Front Wheel Drive Vehicles Equipped with 6-Speed Automatic
Transmission (6T70/6T75)

This service update involves vehicles in dealer inventory only and will expire April 30, 2014.

PURPOSE

This bulletin provides a service procedure to reprogram the transmission control module (TCM) on **certain** 2013 model year Buick Enclave; Cadillac SRX and XTS; Chevrolet Malibu and Traverse; and GMC Acadia and Terrain front wheel drive vehicles equipped with 6-speed automatic transmission. The torque converter clutch solenoid in the TECHM can stick due to debris in the transmission. When the vehicle is at the end of a coast-down, as the vehicle is coming to a stop, a stuck solenoid will fail to release the torque converter clutch. This keeps the engine directly connected to the driven wheels. As the vehicle stops, the engine speed will be pulled down below normal idle speed and the engine may stall. The vehicle can be immediately restarted and driven. The reprogramming will install a revised calibration to correct this condition.

This service procedure should be completed on involved vehicles currently in dealership inventory as soon as possible but no later than April 30, 2014, at which time this bulletin will expire.

VEHICLES INVOLVED

All involved vehicles are identified by VIN in the Global Warranty Management System – Investigate Vehicle History Application. Dealership technicians should always check this site to confirm vehicle involvement prior to beginning any required inspections and/or repairs. It is

important to routinely use this tool to verify eligibility because not all similar vehicles may be involved regardless of description or option content.

Additionally, a list of involved vehicles currently in dealer inventory is available on the “Service Update Bulletin Information” link under the “Service” tab in GM GlobalConnect (US) or attached to the GlobalConnect message (Canada) used to release this bulletin.

PART INFORMATION

No parts are required for this update.

SERVICE PROCEDURE

Transmission Control Module (TCM) Programming Instructions

Do not attempt to order the calibration number from GM Customer Care and Aftersales. The calibration numbers required for this service procedure are programmed into control modules via a Multiple Diagnostic Interface (MDI) with the calibration update. When using a MDI for reprogramming, ensure that it is updated with the latest software version. Use **TIS2WEB on or after 4/19/13** to obtain the calibration. If you cannot access the calibration, call the Techline Customer Support Center and it will be provided.

For step-by-step programming instructions, please refer to SI and the Techline Information System (TIS) terminal.

1. Verify that there is a battery charge of 12 to 15 volts. The battery must be able to maintain a charge during programming. Only use an approved Midtronics® PSC 550 Battery Maintainer (SPS Programming Support Tool EL-49642) or equivalent to maintain proper battery voltage during programming.
2. Reprogram the transmission control module (TCM). Refer to SI and Service Programming System (SPS) documentation for programming instructions, if required.
 - 2.1 Connect the MDI to the vehicle.
 - 2.2 Select J2534 MDI and Reprogram ECU from the SPS Select Diagnostic Tool and Programming Process screen.
 - 2.3 Select *TCM Transmission Control Module -- Programming* from the SPS Supported Controllers screen.
 - 2.4 Follow the on-screen instructions.
3. Select the “Clear All DTCs” function on the SPS screen at the end of programming.
4. With a scan tool, perform the Reset Transmission Adapts. Refer to *Reset Transmission Adapts* in SI.

WARRANTY TRANSACTION INFORMATION

Submit a transaction using the table below. All transactions should be submitted as a ZFAT transaction type, unless noted otherwise.

Labor Code	Description	Labor Time
V2816	Reprogram TCM	0.5

DEALER PROGRAM RESPONSIBILITY

Dealers must take the steps necessary to ensure that the service update correction has been made to all involved vehicles in dealer inventory before selling or dealer-trading the vehicle, but no later than April 30, 2014.

