



Service Bulletin

File in Section: -

Bulletin No.: PI0836

Date: October, 2012

PRELIMINARY INFORMATION

Subject: No Transmission Downshift at High Speeds/Top Speed Limited

Models: 2012-2013 Chevrolet Impala
Equipped with Police Car Package RPOs 9C1 or 9C3

This PI replaces PIC5711. Please discard PIC5711.

Condition/Concern

Some customer may comment on the inability to obtain a transmission downshift when driving at high speeds. The inability to obtain a transmission downshift will limit the vehicle top speed.

If the car is driven at top speed greater than 225 km/h (140 mph) and then slowed to approximately 193 km/h (120 mph), a downshift may not occur until vehicle speeds are reduced even further. After slowing the car to approximately 161 km/h (100 mph), the transmission will downshift and the car is then able to again reach top speed of approximately 225 km/h (140 mph).

Recommendation/Instructions

A revised calibration has been developed to address this concern. Update the transmission control module (TCM) and engine control module (ECM) using the Service Programming System (SPS) with the latest software available on TIS2WEB. Refer to the Service Programming System (SPS) procedures in SI. This is a sequential programming event.

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.

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
K9563*	Reprogram ECM/TCM	0.4 hr

*This is a unique labor operation for bulletin use only. It will not be published in the Labor Time Guide.