



Service Bulletin

PRELIMINARY INFORMATION

Subject: 2-3 Shift Flare Cold

Models: 2012 Chevrolet Avalanche, Silverado, Suburban, Tahoe

2012 GMC Sierra Models, Yukon Models

Equipped with 5.3L Engine (RPO LC9, LMG) and 6L80 Automatic Transmission (RPO MYC)

Condition/Concern

Some customers may comment on a 2-3 shift flare during cold ambient temperatures. This flare will typically occur when transmission fluid temperature is 25°C (77°F) or lower. The flare may occur on the first few 2-3 shifts and then no longer occur as transmission fluid temperature warms. This is typically a concern on the first few shifts after the vehicle has been sitting for several hours.

Recommendation/Instructions

Important: This calibration should only be used in cases where the customer has specifically described a 2-3 shift flare concern as detailed above. Use of this calibration in transmissions that don't have this concern may cause poor or degraded 2-3 shift feel.

A revised calibration has been developed to address this concern. 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.

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
K5363	Control Solenoid Valve and Transmission Control Module Assembly 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