



Preliminary Information

PIT5770 No Crank / Harsh Shifting / SES MIL / No Communication With TCM / DTC U0101 (Reprogram the TCM)

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Tahoe	2021	All	All	All	All
Chevrolet	Suburban	2021	All	All	All	All
GMC	Yukon Models	2021	All	All	All	All

Involved Region or Country	North America
Condition	<p>Some customers may comment on any of the following issues:</p> <ul style="list-style-type: none"><li>- No crank</li><li>- Harsh Shifting</li><li>- SES MIL with no other symptoms</li></ul> <p>When scanning the vehicle for DTC's, there will be several modules that have set a U0101 DTC for no communication with the Transmission Control Module (TCM). If the condition is current there will be no communication with the TCM.</p>
Cause	The cause of the condition may be a TCM software anomaly.

Correction:

To correction this concern performing the following:

1. With the ignition turned off, remove fuse 48 (F48DR) in the Right I/P fuse block X51R for 1 minute.
2. After 1 minute, reinstall the fuse then use GDS2 and try to communicate with the TCM.
  - If TCM communication returns, then reprogram the TCM with the latest software available in Tis2Web to prevent the issue from reoccurring.
  - If TCM communication does NOT return, then the concern listed in this PI is not the root cause of the issue. Technician will then need to follow normal SI diagnostics.

Warranty Information

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
2810175	Transmission Control Module Reprogramming with SPS	Use Published Time

Version History

Version	1
Modified	09/04/2020 - Created on.



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