Preliminary Information

PIT5946A Check Engine Lamp With DTC: P0606 set in the Body Control Module

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Silverado 1500 New (RPO J22, VIN Digit 5 = A or D)	2022	All	All	All	All
GMC	Sierra 1500 New (RPO J22, VIN Digit 5= H or U)	2022	All	All	All	All

Involved Region or Country	North America
Condition	Some technicians may experience a check engine lamp with DTC: P0606 set current in the Body Control Module. The customer may also experience issues with HVAC and lighting, as well as some various DIC messages
Cause	This issue may be caused by BCM software that is out of date or a BCM Program Flow Monitoring Status Parameter that is reading "Active".

Correction:

Connect an MDI2 to the vehicle and navigate to GDS2 and select the following: > Module Diagnostics > Body Control Module > Identification Information > Internal Control Module Performance Data

Review the parameters. If only the "Program Flow Monitoring Status" is active and all other parameters are inactive, please attempt to program the BCM with the latest calibration in Techline Connect under the SPS Tab.
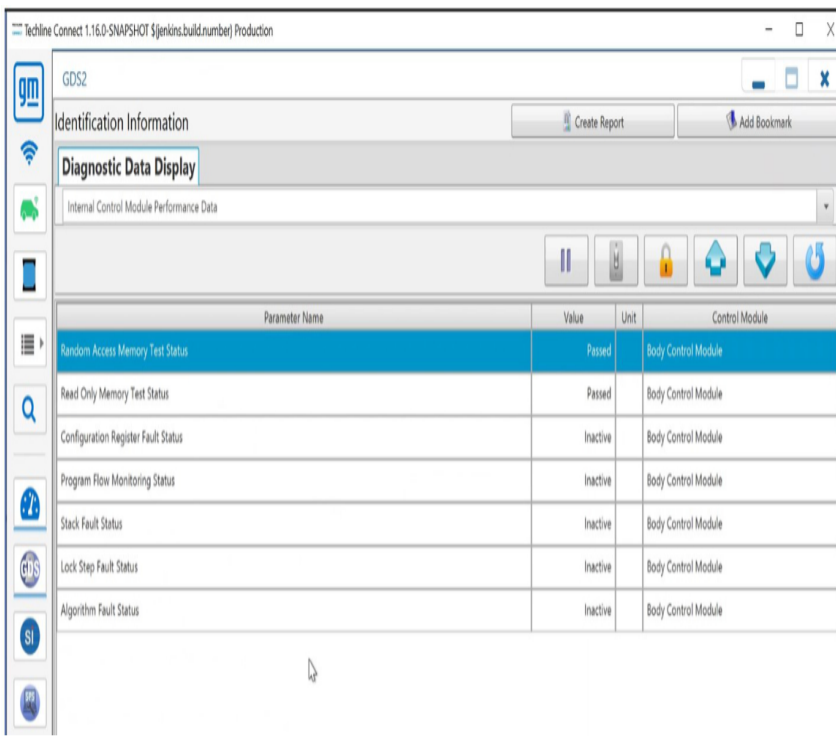
If the BCM software is up to date or an update was just performed, review "Program Flow Monitoring Status" parameter once more.

If the "Program Flow Monitoring Status" parameter is still "Active" with all other parameters reading inactive, then clear codes and take no further action.

The P0606 code may remain and engineering is working on a fix.

Do not replace the BCM to try and resolve this concern.

If the software update was performed and the parameter titled "Program Flow Monitoring Status" is "Inactive" and all other parameters are "Inactive", clear any codes and the vehicle is repaired.

Note:

If "Program Flow Monitoring Status" is reading "Active" along with any other parameters that reads " Active", follow Service information diagnostic procedure for DTC: P0606.

-or-

If "Program Flow Monitoring Status" is reading "Inactive" with any other parameters that read "Active", follow Service Information diagnostic procedure for DTC: P0606.

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
2888998	BCM Review Parameters and Reprogram BCM	0.5 Hr.
2888988	BCM Review Parameters and Software Verification	0.2 Hr.

Version History

Version	2
Modified	10/04/2022 - Created on 01/04/2023 - Updated to remove models that are no longer effected