



Preliminary Information

PIC6448A Diagnostic Tip - T6 PIM /HPCM Programing

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Malibu	2016 - 2019	All	All	ALL	ALL
Chevrolet	Volt	2016 - 2019	All	All	ALL	ALL

Involved Region or Country	North America
Condition	SPS 2 may not program the T6 PIM Module all the way, technician may find one or more of the following DTCs set in the T6 Power Inverter Module, also referred to as the Drive Motor Generator Power Inverter Module and Hybrid/EV Powertrain Control Module 1 after programing. P0602 - Control Module Not Programmed P0633 - Immobilizer Key Not Programmed U0146 - Lost Communication with Serial Data Gateway Module
Cause	Possible Techline Connect has a Software issue

Correction:

Using GDS2 go into the HPCM and look for data list hybrid/EV Data. Now check and see if the power mode changes. if the power mode does not change in the data list the HPCM may not be fully programed

Please Call Techline so they Can help get the T6 PIM / HPCM programed.

TCSC: 1-800-828-6860 English or 1-800-503-3222 French, 8am-8pm (EST) Monday through Saturday

Provide them with the SI document and let them know if you replaced the module or trying to update it.

They may ask for a part# for the module or the Transmission.

Techline will Work with you to get temporary Access to SPS1 for Programing this module.

Version History

Version	1
Modified	11/29/2021 - Created on. 04/05/2022 - Updated to add Codes P0602, p0633, U0146.



GENERAL MOTORS