



Preliminary Information

PIP5535A MIL On DTC P2097 After The Latest Version Of PIP5445 Has Been Performed

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Malibu	2016 - 2017	All	All	1.5L LFV	All

Involved Region or Country	North America
Condition	MIL on P2097 after the latest programming has been installed in the Engine Control Module
Cause	General Motors is currently evaluating this concern.

Correction:

Validate that the latest calibrations have been installed per the latest version of PIP5545

If you encounter one of the vehicles listed above with a P2097 stored after the latest version of PIP5545 has been performed, then follow the P2097 diagnostic in SI2000.

Note: The P2097 diagnostic will advise you to check the exhaust system for leaks.

Smoke testing is best used when attempting to isolate larger system leaks.

To best isolate a smaller leak that may contribute to this issue, use shop air regulated to 5 PSI and soapy water to isolate.

One method would be to seal the throttle body and tailpipe, and apply regulated pressure thru the HO2S #1 port.

If the P2097 diagnostic and exhaust leak testing fails to isolate the root cause, perform the following:

Check the engine oil level to be sure that the crankcase has not been overfilled. (The LFV crankcase capacity is 4.2 Quarts.)

Drain excessive oil if found.

Once proper oil level has been verified, perform the following.

Review the vehicle repair history in Global Warranty Management / Investigate Vehicle History.

If both HO2S Sensor 1 and HO2S Sensor 2 were previously replaced as a set following the latest calibrations being installed per PIP5445, do not attempt further repairs or component replacements.

Use GDS2 to clear any codes that may be set, then disconnect the 12 volt battery for two minutes and reconnect. (Disconnecting the 12 volt battery is necessary to be sure that the non-volatile memory for the secondary fuel trim values are reset.)

Release the vehicle to the customer.

If both HO2S Sensor 1 and HO2S Sensor 2 were not replaced as a set following the latest calibrations being installed per the latest version of PIP5545 then replace both HO2S Sensor 1 and HO2S Sensor 2 as a set.

Use GDS2 to clear any codes that may be set, then disconnect the 12 volt battery for two minutes and reconnect to reset the non-volatile memory.

Release the vehicle to the customer.

Please communicate to the customer that we apologize for this inconvenience and that General Motors is currently evaluating this concern.

This PI will be updated with additional details as they become available.

Version History

Version	2
	11/29/2017 - Created 8/22/2018 - Updated to add exhaust leak testing information.

