



Preliminary Information

PIP5892B Malfunction Indicator Lamp Illuminated with DTC P0234 post Turbocharger Replacement

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Buick	Encore GX	2020 - 2023	All	All	1.2L (LIH)	All
Chevrolet	Trailblazer	2021 - 2023	All	All	1.2L (LIH)	All

Involved Region or Country	North America
Condition	MIL illuminated with DTC P0234 post Turbocharger Installation.
Cause	Dealer failed to reset the intake system learned values as instructed in the service procedure when replacing the turbocharger.

Correction:

Some customers may comment that the Malfunction Indicator Lamp (MIL) is illuminated with DTC P0234 (Engine Overboost) set post turbocharger replacement.

Reduced Power may also occur.

First, clear the DTC.

Use GDS2 to perform the Intake System Learned Values Reset.

This will reset the ECM learned integrator value of the turbocharger wastegate solenoid and ensure proper operation.

If not performed, new / additional codes can set post component replacement.

Note: That Global Service Information instructs the technician that the Intake System Learned Values Reset must be performed when the following component/system is replaced or serviced:

Turbocharger — Replaced.

Q42 Turbocharger Wastegate Solenoid Valve — Replaced.

If the code does not reset post performing the Intake System Learned Values Reset and road testing, release the vehicle to the customer.

If the code resets, perform Strategy Based Diagnosis.

Version History

Version	3
	12/01/2022 - Created.
	12/06/2022 - Adding information related to Intake Learned Values Reset

procedure.

2/23/23 - Updated verbiage to clarify content.



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