



Preliminary Information

PIP5892A 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                      | GM is aware of this concern and working to root cause.         |

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.

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.

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.

If the code does not reset during post repair road testing, advise the customer that GM is aware of this concern and working to root cause.

Release the vehicle to the customer.

This Preliminary Bulletin will be updated with further information as it becomes available.

Version History

|         |                                                                        |
|---------|------------------------------------------------------------------------|
| Version | 2                                                                      |
|         | 12/01/2022 - Created on.                                               |
|         | 12/06/2022 - Adding information related to Intake Learned Values Reset |

procedure.



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