Service Bulletin

PRELIMINARY INFORMATION

Subject: **Check Engine Light On with DTC P1101 Set**

Models: **2013-2017 Buick Encore**

2011-2016 Chevrolet Cruze

2012-2016 Chevrolet Sonic

2013-2017 Chevrolet Trax

Equipped with 1.4L Engine (RPOs LUJ, LUV)

Attention: **This PI also applies to any of the above models that may be Export from North America vehicles.**

This PI has been revised to update the Model Years. Please discard PI0907B.

Condition/Concern

Some customers may comment on a check engine light on. Technicians may find DTC P1101 set.

Recommendation/Instructions

If normal SI diagnosis does not resolve DTC P1101, check the throttle position angle. A good throttle position at idle should be between 8-12%. Make sure the engine is warm and the A/C or defrost mode is OFF.

A bad throttle position reading would be less than 7% and that would indicate unmetered air is getting into the intake. If the throttle position percentages remain low and DTC P1101 still sets, refer to SI for further diagnosis.

An area to check for this is the PCV pipe with the back pressure valve open at the turbocharger air inlet. Remove the PCV pipe from the intake manifold and put a piece of tape over the opening. If the throttle position goes back to normal percentages, replace the PCV pipe following the steps below:

1. Open the hood and install fender covers.

2. Remove the air cleaner outlet duct.

3. Disconnect the PCV pipe from the intake manifold.

4. Disconnect the PCV pipe from the turbo inlet.

5. Remove the PCV from the retainers.

6. Cut away tape from the vacuum line on the PCV pipe.

7. Remove the PCV pipe.

8. Install the new PCV pipe.

9. Install vacuum line on to the PCV pipe with tape.

10. Install retainers to the PCV pipe.

11. Connect the PCV pipe to the turbo inlet.

12. Connect the PCV pipe to the intake manifold.

13. Install the air cleaner outlet duct.

14. Remove the fender covers and close the hood.

For Chevrolet Cruze only, a missing or mispositioned air baffle in the air cleaner box could cause the TPS readings to be low and the vehicle setting P1101. Verify the air baffle is in the proper place before continuing with diagnostics. Refer to the pictures below.

Chevrolet Cruze Only

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Parts Information

Part Number	Description
55568267	PIPE, PCV

Warranty Information

For vehicles repaired under the U.S. (8 years/80,000 miles) or Canadian (8 years/130,000 km) Emission Warranty, use:

Labor Operation	Description	Labor Time
4068498*	Diagnose and Replace PCV Pipe	0.4 hr

*This is a unique Labor Operation for Bulletin use only.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.

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