



Bulletin No.: PIP6037A
Published date: 01/31/2025

Preliminary Information

PIP6037A DTC P0496 Part Return Request

Models

Brand:	Model:	Model Years:	VIN: from to	Engine:	Transmissions:
Buick	Encore GX	2020 - 2025	All	All 1.3 L3T	All
Chevrolet	Trailblazer	2021 - 2025	All	All 1.3 L3T	All

Involved Region or Country:	North America
Condition:	DTC p0496.
Cause:	Potential damage to purge solenoid O-rings.

Correction

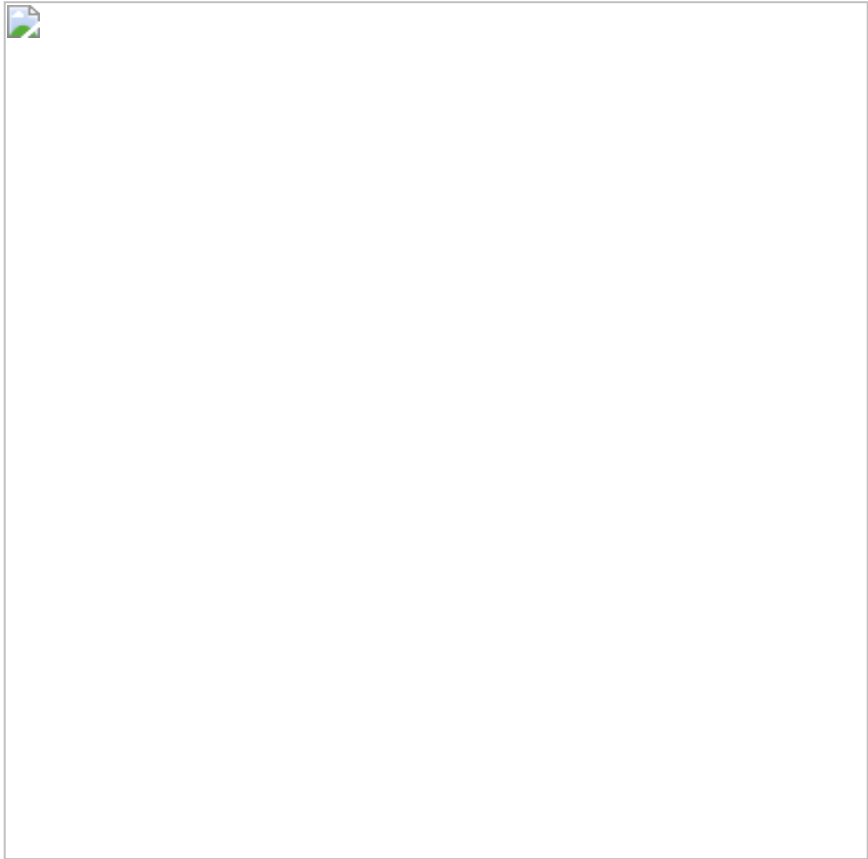
If you encounter one of the above vehicles with DTC p0496 confirm the purge hose connections are secured at the Purge Pump and Purge Solenoid Valve.

Perform Circuit System testing portion of the p0496 diagnostics in SI to check for any leaks between the Purge Solenoid Valve and Inlet Air Duct.

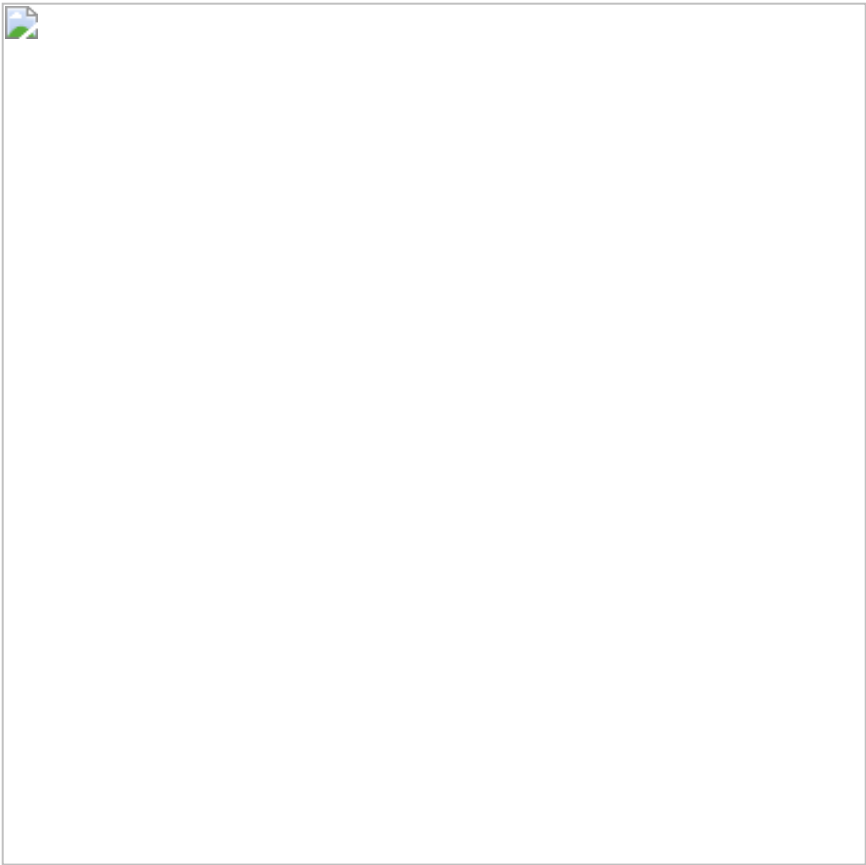
Do not attempt disassemble Purge Solenoid valve from Air Inlet Duct.

If a leak is confirmed replace the Purge Solenoid and Air Inlet Duct using the latest parts available in EPC.

Picture below shows purge solenoid valve and inlet duct assembly that will need to be replaced together



Picture below references purge solenoid O-rings.



Warranty Information

For vehicles repaired under the Powertrain coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation:	Description	Labor Time:
* 4089838	Turbocharger Inlet Duct & Evaporative Emission Canister Purge Solenoid Valve Combination Replacement	0.7 Hr.
*This is a unique Labor Operation for Bulletin use only		

Version History

Version	2
Modified	01/15/2025 - Created. 01/22/2025 - Updated to advise checking purge hose connections