



Bulletin No.: PIP5929A
Published date: 12/16/2024

Preliminary Information

PIP5929A Diagnostic Tip for DTC P219A Setting with No Other Drivability Symptoms

Models

Brand:	Model:	Model Years:	VIN: from to	Engine:	Transmissions:
Buick	Encore GX	2020 - 2023	All	All 1.2L LIH	All
Chevrolet	Trailblazer	2021 - 2023	All	All 1.2L LIH	All
Chevrolet	Trax	2024 - 2025	All	All 1.2L LIH and LBP	All

Involved Region or Country	North America
Condition	MIL on with P219A stored in history.
Cause	Potential fuel injector issue.

Correction:

Diagnose any DTCs related to the following systems or components first.

B23 Camshaft Position Sensor
 B34 Engine Coolant Temperature Sensor
 B52 Heated Oxygen Sensor
 B66 Intake Air Temperature Sensor
 B74 Manifold Absolute Pressure Sensor
 B75C Multifunction Intake Air Sensor
 Q17 Fuel Injector
 Q38 Throttle Body

Confirm that only the P219A is set and that no drivability concerns exist.

Perform SBD by verifying the following conditions do not exist:

Exhaust System – Leaking / Missing components / Restricted » Refer to: Symptoms - Engine Exhaust
 Fuel – Contaminated / Poor Quality – Refer to: Alcohol/Contaminants-in-Fuel Diagnosis
 Fuel Injectors – Leaking / Restricted » Refer to: Fuel Injector Diagnosis
 Ignition System – Malfunction » Refer to: Electronic Ignition System Diagnosis
 Intake Air Duct – Leaking / Loose Clamps / Poor Connection / Restricted / Visible Damage
 Intake Manifold – Vacuum leak
 Mass Airflow Sensor – Contamination of the measuring element / Water intrusion
 Mechanical Condition at Engine – Altered air flow

For example:

Exhaust Port or Intake Port at Cylinder Head – Casting Flash / Restrictions
 Exhaust Valve or Intake Valve – Leaking / Stuck
 Intake Manifold – Casting Flash / Restrictions / Vacuum leak
 Positive Crankcase Ventilation System – Incorrect connection / Leaking / Restricted »
 Vacuum Hoses – Incorrect connection / Kinked / Leaking / Restricted

If unable to isolate the concern, replace the Fuel Injection Rail Assembly including all three fuel injectors.

Road test to confirm the repair.

Version History

Version	2
Modified	6/16/2023 - Created. 12/16/2024 Updated Models and RPO code0