



## Preliminary Information

### PIP5929 Diagnostic Tip for DTC P219A Setting with No Other Drivability Symptoms

#### 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
Chevrolet	Trax	2024	All	All	1.2L LIH	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 @ Engine — Altered air flow

For example:

Exhaust Port or Intake Port @ 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	1
Modified	6/16/2023 - Created.



