



## Preliminary Information

### PIP5978 Diagnostic Tip: DTC P0299 Set As Current Or In History

Proactive

Models

| Brand:    | Model:      | Model Years: | VIN: |     | Engine: | Transmissions: |
|-----------|-------------|--------------|------|-----|---------|----------------|
|           |             |              | from | to  |         |                |
| Buick     | Encore GX   | 2020 - 2024  | All  | All | 1.2 LIH | All            |
| Buick     | Envista     | 2024         | All  | All | 1.2 LIH | All            |
| Chevrolet | Trailblazer | 2021 - 2024  | All  | All | 1.2 LIH | All            |
| Chevrolet | Trax        | 2024         | All  | All | 1.2 LIH | All            |

|                             |   |
|-----------------------------|---|
| Involved Region or Country: | North America   |
| Condition:                  | DTC P0299 Set as current or in history  |
| Cause:                      | Possible restriction within vacuum supply hose between vacuum pump and wastegate solenoid |

#### Correction

If you encounter one of the above mentioned vehicles that has DTC P0299 set as current or in history complete the published SI diagnostics for the DTC.

If unable to isolate the root cause remove the vacuum supply hose that attaches to the wastegate solenoid and vacuum pump assembly to inspect for potential restriction in the hose ends caused by adhesive bonding material.

Reference the picture below which shows the complete hose assembly and both hose ends.



If the above condition is found then replace the vacuum hose assembly using the latest parts listed in EPC.

**Note: The original vacuum line assembly will be requested back for review.**

#### Version History

|          |                          |
|----------|--------------------------|
| Version  | 1                        |
| Modified | 05/03/2024 - Created on. |



GENERAL MOTORS