

P2227 / P2228 / P2229: Barometric Pressure Circuit Malfunction

System Description

Barometric pressure sensor is installed in ECM.

DTC P2227: Barometric Pressure Circuit Range / Performance

DTC P2228: Barometric Pressure Circuit Low

DTC P2229: Barometric Pressure Circuit High

DTC Confirmation Procedure

DTC P2227:

- 1) Connect scan tool to DLC with ignition switch turned OFF.
- 2) Turn ON ignition switch and clear DTC, pending DTC and freeze frame data by using scan tool and warm up engine to normal operating temperature.
- 3) Check DTC and pending DTC by using scan tool.

DTC P2228 / P2229:

- 1) Connect scan tool to DLC with ignition switch turned OFF.
- 2) Turn ON ignition switch, clear DTC by using scan tool and run engine for 1 min.
- 3) Check DTC and pending DTC by using scan tool.

DTC Troubleshooting

Step	Action	Yes	No
1	Was "Engine and Emission Control System Check" performed?	Go to Step 2.	Go to "Engine and Emission Control System Check".
2	Is DTC P2227 set?	Go to Step 3.	Substitute a known-good ECM and recheck.
3	MAP sensor check 1) Check MAP sensor and its circuit referring to "DTC P0107: Manifold Absolute Pressure Circuit Low Input" and/or "DTC P0108: Manifold Absolute Pressure Circuit High Input". Is check result satisfactory?	Substitute a known-good ECM and recheck.	MAP sensor or its circuit malfunction.