

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P2198 - O2 SENSOR SIGNAL BIASED/STUCK RICH - BANK 2, SENSOR 1 - DTC CHART

P2198 - O2 SENSOR SIGNAL BIASED/STUCK RICH - BANK 2, SENSOR 1 - DTC CHART

Description: A universal heated oxygen sensor bank 2, sensor 1 (HO2S21) indicating rich at the end of a test is trying to correct for an over rich condition. This DTC sets when the fuel control system no longer detects switching for a calibrated amount of time.

Possible Causes:

- Water in the harness connector
- UO2SPC21 circuit open
- Corrosion
- Incorrect connections
- Excessive fuel pressure
- Leaking or contaminated fuel injectors
- EVAP purge valve stuck open
- Biased MAP sensor signal
- Incorrect learned ethanol content
- Contaminated MAF sensor (if equipped)
- Positive crankcase ventilation (PCV) system
- Contaminated oil
- Oil overfill
- Camshaft timing
- Damaged universal HO2S21
- Damaged PCM

Diagnostic Aids:

Application	Key On Engine Off	Key On Engine Running	Continuous Memory
All	GO to Pinpoint Test H .		

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P219A - BANK 1 AIR/FUEL RATIO IMBALANCE - DTC CHART