

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0050 - HO2S HEATER CONTROL CIRCUIT (BANK 2, SENSOR 1) - DTC CHART

P0050 - HO2S HEATER CONTROL CIRCUIT (BANK 2, SENSOR 1) - DTC CHART

Description: The PCM controls the universal heated oxygen sensor bank 2, sensor 1 (HO2S21) heater ON and OFF duty cycle to maintain a calibrated temperature. This DTC sets when the sensor does not warm up to the required temperature in a calibrated amount of time. This DTC also sets when the PCM is not able to maintain the required temperature after the sensor is warm.

Possible Causes:

- UO2S21 circuit open
- UO2SGREF21 circuit open
- UO2SHTR21 circuit open
- UO2SHTR21 circuit short to voltage
- VPWR circuit open
- Incorrect connections
- Damaged or corroded terminals
- Exhaust temperature significantly higher than expected
- Damaged universal HO2S21

Diagnostic Aids: Inspect the connectors for signs of damage, water intrusion or corrosion.

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

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > P0053 - HO2S HEATER RESISTANCE (BANK 1, SENSOR 1) - DTC CHART

P0053 - HO2S HEATER RESISTANCE (BANK 1, SENSOR 1) - DTC CHART

Description: This DTC sets when the heater current requirements are too low or too high in the UO2SHTR11 circuit.

Possible Causes:

- VPWR circuit open
- UO2SHTR11 circuit open