

P1167 Heated Rear Oxygen Sensor 2 Maximum Voltage Monitoring Bank 2

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Possible causes

- Faulty Heated Rear Oxygen Sensor Bank 2
- Heated Rear Oxygen Sensor Bank 2 harness is open or shorted
- Heated Rear Oxygen Sensor Bank 2 circuit poor electrical connection
- Fuel pressure
- Injectors
- Intake air leaks

Tech description

Replacing the Rear Oxygen (O2) Sensor usually takes care of the problem

What about the obd code?

The P1167 code is triggered when the maximum voltage from the sensor is not reached to the specified voltage.

Symptoms

- Engine Light ON (or Service Engine Soon Warning Light)
- Possible high fuel consumption
- Possible excessive smoke from exhaust

P1167 Description

The heated oxygen sensor 2 (rear), after three way catalyst, monitors the oxygen level in the exhaust gas on each bank. Even if switching characteristics of the heated oxygen sensor 1 (front) are shifted, the air fuel ratio is controlled to stoichiometric, by the signal from the heated oxygen sensor 2. This sensor is made of ceramic zirconia. The zirconia generates voltage from approximately 1V in richer conditions to 0V in leaner conditions. Under normal conditions the heated oxygen sensor 2 is not used for engine control operation.

 OBDii Powertrain Codes

P1167

PREVIOUS




P1165 Air/Fuel Ratio Sensor 1 Circuit Range/Performance

NEXT

P1173 Throttle Actuation Potentiometer Signal 2 Signal Too High

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