

P0151: OXYGEN O2 SENSOR CIRCUIT LOW VOLTAGE (BANK 2, SENSOR 1)

OVERVIEW

Severity	:	<div><div>Medium</div></div>
DIY Difficulty Level	:	<div><div>Intermediate</div></div>
Repair Cost	:	\$100-\$300
Can I Still Drive?	:	Yes (Short-term only)

What Does The P0151 Code Mean?

Essentially the same as P0136 and P0137 and P0131, a P0151 code refers to the first oxygen sensor on Bank 2. P0151 means the O2 oxygen sensor's voltage remained low for longer than 2 minutes.

This is interpreted by the ECM as a low voltage condition and sets the MIL. Bank 2 Sensor 1 is located in front of the catalytic converter.

What Are The Symptoms Of The P0151 Code?

There may be no visible symptoms to the driver, other than the MIL (Check Engine / Service Engine Soon) illumination.

What Are The Potential Causes Of The P0151 Code?

A code P0151 may mean that one or more of the following has happened:

- Faulty o2 oxygen sensor
- Short to voltage on O2 signal circuit
- High resistance or open on O2 signal circuit

How Can You Fix The P0151 Code?

- Replace faulty sensor
- Repair short, open, or high resistance on o2 signal circuit

Reference Sources

[ENGINE CONTROL SYSTEM \[GASOLINE ENGINE \(V-6\)\] SERVICE MANUAL for P0151](#) - Pages 427-429.