

## P0161: OXYGEN O2 SENSOR CIRCUIT LOW VOLTAGE (BANK 2, SENSOR 2)

### 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 P0161 Code Mean?

It basically means the PCM detected either an excessive current draw, or an open or short in the circuit powering the oxygen sensor's heater circuit. This is in reference to the Heated Oxygen Sensor (2) located rear of catalytic converter (Bank 2).

### What Are The Symptoms Of The P0161 Code?

There will likely be no obvious symptoms other than MIL illumination.

### What Are The Potential Causes Of The P0161 Code?

A code P0161 may mean that one or more of the following has happened:

- HO2S heater power circuit open
- HO2S heater ground circuit open
- HO2S signal tracking (due to oil or moisture in the connector)
- HO2S is damaged or has failed PCM has failed

### How Can You Fix The P0161 Code?

- Replace HO2 Sensor

- Repair open or short in power circuit
- Repair open or short in ground circuit
- Repair damaged connector due to tracking

## Reference Sources

[Technical Service Bulletin for P0161](#) - Ford