

## P0137: OXYGEN O2 SENSOR CIRCUIT LOW VOLTAGE (BANK 1, SENSOR 2)

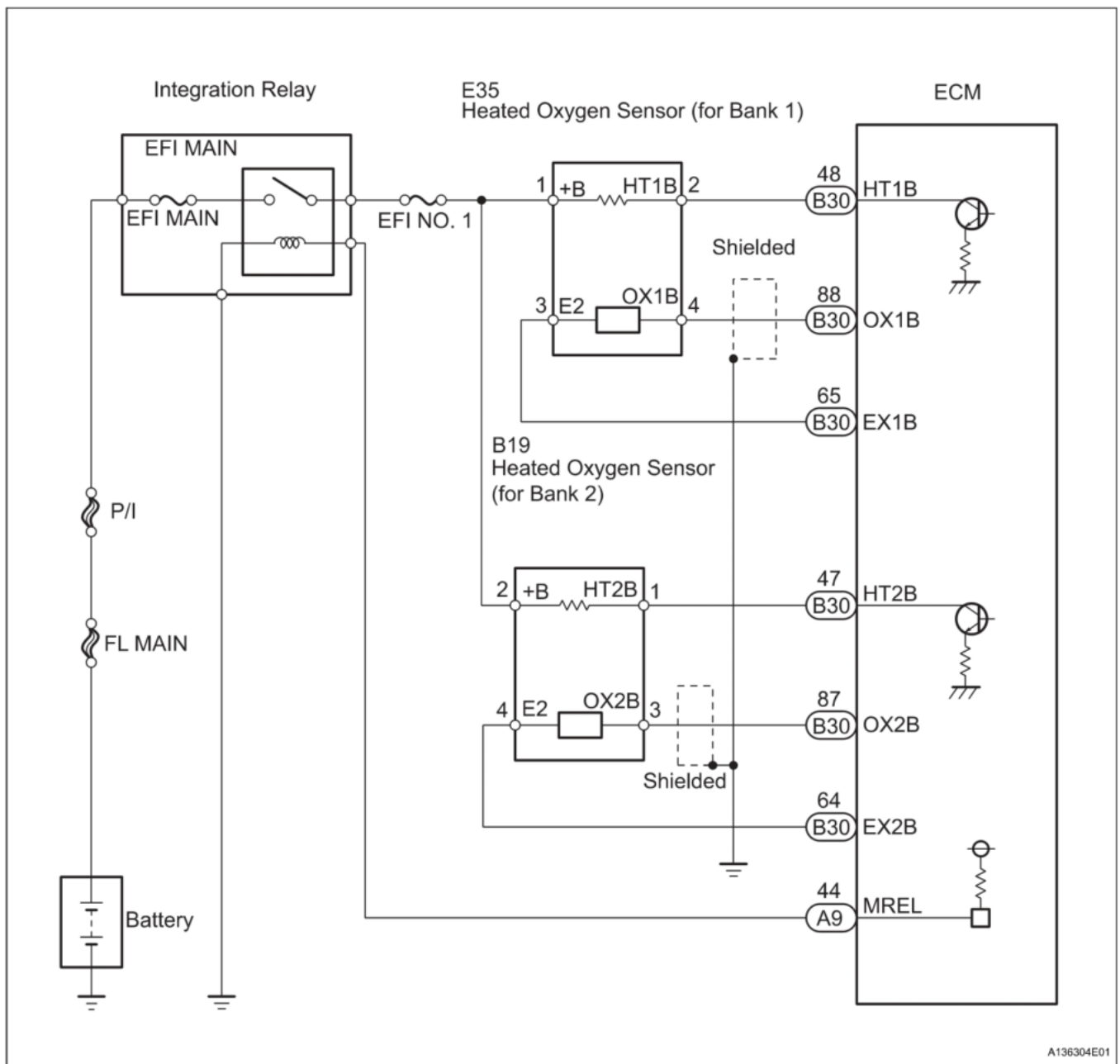
### OVERVIEW

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

### What Does The P0137 Code Mean?

Essentially the same as P0136, P0137 refers to the second oxygen sensor on Bank 1. P0137 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 1 Sensor 2 is located to the rear of the catalytic converter and should produce an output signal relative to oxygen storage capacity of the catalytic converter. This rear (sensor 2) sensor is less active than the signal produced by the front sensor. However, if the ECM senses the sensor is inactive, this code will set.



P0137 wiring diagram

## What Are The Symptoms Of The P0137 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 P0137 Code?

A code P0137 may mean that one or more of the following has happened:

- Faulty o2 sensor Exhaust leak near the rear sensor

- Plugged catalyst
- Short to voltage on O2 signal circuit
- High resistance or open on O2 signal circuit
- Engine running very rich or lean
- Engine misfire condition
- Fuel pressure very high or low – fuel pump or pressure regulator

### How Can You Fix The P0137 Code?

- Replace faulty sensor
- Repair exhaust leak near the rear sensor
- Check for restriction in catalyst and replace as necessary
- Repair short, open, or high resistance on o2 signal circuit

### Reference Sources

[Diagnostic Trouble Code \(DTC\) Charts and Descriptions for P0137](#) - Page 35.