

## P0136: OXYGEN O2 SENSOR CIRCUIT LOW VOLTAGE (BANK 1, SENSOR 2)

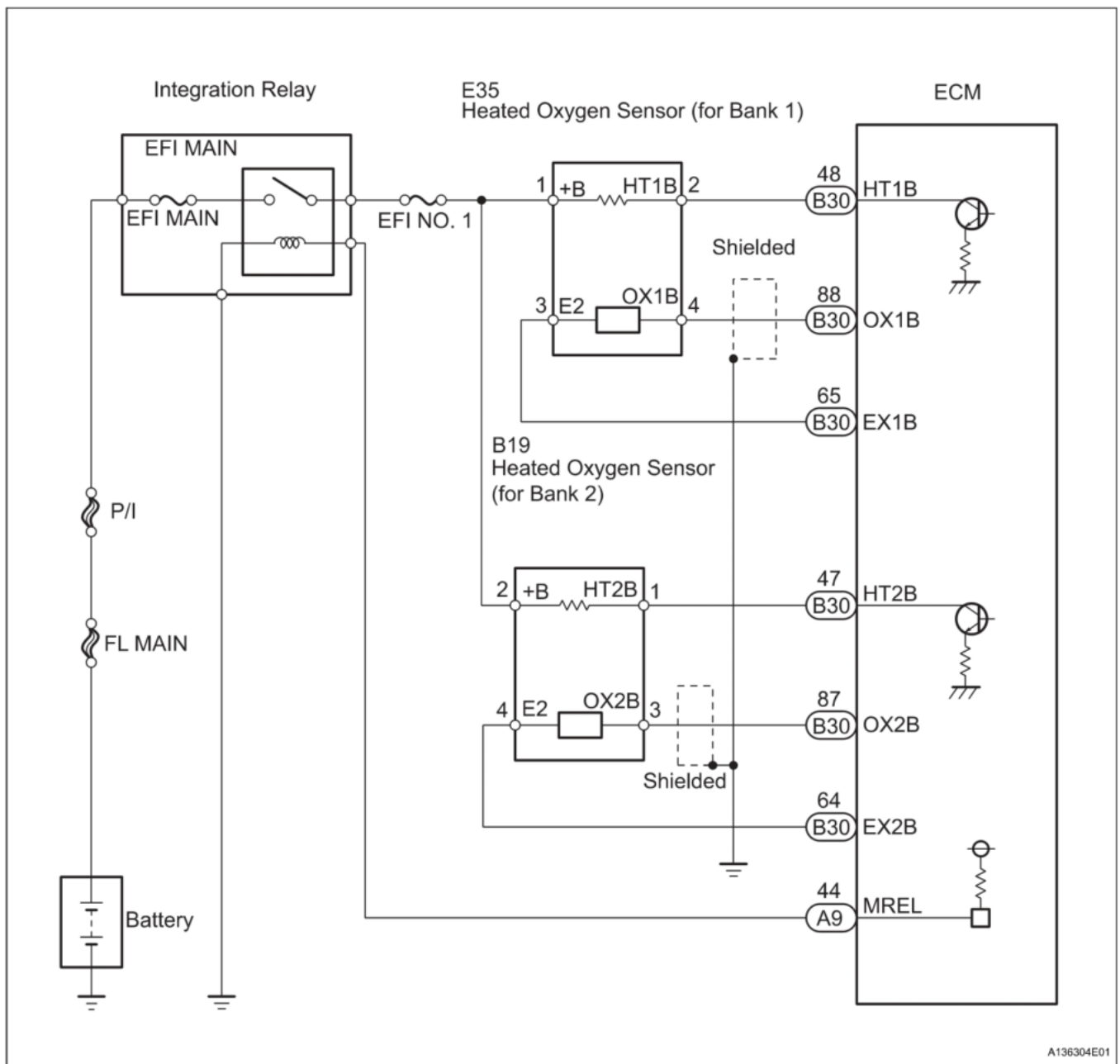
### OVERVIEW

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

### What Does The P0136 Code Mean?

Essentially the same as [P0137](#), a P0136 code refers to the second oxygen sensor on Bank 1. The O2 oxygen sensor produces a voltage between 0.1 V and 0.9 V. The ECM monitors O2 sensor voltage and determines if exhaust is lean or rich.

O2 sensor voltage is high when exhaust is rich and low when exhaust is lean. The ECM monitors this voltage and increases or decreases fuel injector pulsewidth according to engine fuel/air ratio. If the ECM detects low Heated O2 Sensor voltage for an extended period, it will set P0136 Conditions required to set: HO2 sensor voltage is low for longer than 2 minutes (minutes depend on model of vehicle. Could be up to 4 minutes)



P0136 wiring diagram

## What Are The Symptoms Of The P0136 Code?

There may be no visible symptoms to the driver. Poor fuel mileage, possible misfire, depending on O2 sensor position when sticking.

## What Are The Potential Causes Of The P0136 Code?

A code P0136 may mean that one or more of the following has happened:

- Faulty O2 sensor leak in exhaust close to O2 sensor

- Short to voltage on O2 signal circuit
- Open in circuit resistance caused by corrosion in connector

### How Can You Fix The P0136 Code?

- Replace the second oxygen sensor on bank 1
- Repair open or short in signal circuit
- Clean corrosion from connector

### Reference Sources

[Diagnostic Chart with Trouble Code for LHD Vehicles for P0136](#) - Pages 53-55.