

<b>DTC</b>	<b>P0136</b>	<b>Heated Oxygen Sensor Circuit Malfunction (Bank 1 Sensor 2)</b>
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## CIRCUIT DESCRIPTION

Refer to DTC P0125 (Insufficient Coolant Temp. for Closed Loop Fuel Control) on page [DI-200](#) .

DTC No.	DTC Detecting Condition	Trouble Area
P0136	Voltage output of the heated oxygen sensor (bank 1 sensor 2) remains at 0.4 V or more or 0.5 V or less when the vehicle is driven at 50 km/h (31 mph) or more after the engine is warmed up. (2 trip detection logic).	• Heated oxygen sensor

### HINT:

Sensor 2 refers to the sensor farther away from the engine body.

## WIRING DIAGRAM

Refer to DTC P0125 on page [DI-200](#) for the WIRING DIAGRAM.

## INSPECTION PROCEDURE

<b>1</b>	<b>Are there any other codes (besides DTC P0136) being output?</b>
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**YES**

**Go to relevant DTC chart.**

**NO**

<b>2</b>	<b>Check for open and short in harness and connector between ECM and heated oxygen sensor (See page <a href="#">IN-25</a> ).</b>
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**NG**

**Repair or replace harness or connector.**

**OK**

3

**Check the output voltage of heated oxygen sensor (bank 1 sensor 2).****PREPARATION:**

- (a) Connect the OBD II scan tool or TOYOTA hand-held tester to the DLC3.
- (b) Warm up engine to normal operating temp.

**CHECK:**

Read voltage output of heated oxygen sensor (bank 1 sensor 2) when engine suddenly raced.

**HINT:**

Perform quick racing to 4,000 rpm 3 min. using accelerator pedal.

**OK:**

**Heated oxygen sensor output voltage: Alternates from 0.4 V or less to 0.5 V or more.**

OK

**Check that each connector is properly connected.**

NG

**Replace heated oxygen sensor  
(bank 1 sensor 2).**