

<b>DTC</b>	<b>P0141</b>	<b>Heated Oxygen Sensor Heater Circuit Malfunction (Bank 1 Sensor 2)</b>
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## CIRCUIT DESCRIPTION

Refer to "Insufficient Coolant Temp. for Closed Loop Fuel Control" on page [DI-41](#).

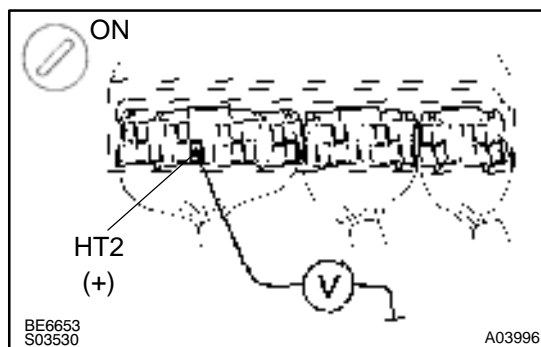
DTC No.	DTC Detecting Condition	Trouble Area
P0141	When the heater operates, heater current exceeds 2 A (2 trip detection logic)	<ul style="list-style-type: none"><li>• Open or short in heater circuit of heated oxygen sensor</li><li>• Heated oxygen sensor heater</li><li>• ECM</li></ul>
	Heater current of 0.25 A or less when the heater operates (2 trip detection logic)	

## WIRING DIAGRAM

Refer to page [DI-41](#) for the WIRING DIAGRAM.

## INSPECTION PROCEDURE

<b>1</b>	<b>Check voltage between terminals HT1, HT2 of ECM connector and body ground.</b>
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### PREPARATION:

- (a) Remove the lower finish panel.
- (b) Turn ignition switch ON.

### CHECK:

Measure voltage between terminals HT2 of ECM connector and body ground.

### OK:

**Voltage: 9 – 14 V**

**OK**

**Check and replace ECM (See page [IN-27](#)).**

**NG**

<b>2</b>	<b>Check resistance of heated oxygen sensor heater (See page <a href="#">SF-55</a>).</b>
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**NG**

**Replace heated oxygen sensor.**

**OK**

**Check and repair harness or connector between EFI main relay and heated oxygen sensor and ECM.**