

<b>DTC</b>	<b>P1125/23*</b>	<b>Throttle Body Malfunction</b>
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\*: **ETCS trouble code No.**

## CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
P1125/23*	In case the throttle valve is fully open or full closed angle becomes smaller.	<ul style="list-style-type: none"> <li>• Throttle valve</li> <li>• Throttle position sensor</li> <li>• Engine ECU</li> </ul>

## WIRING DIAGRAM

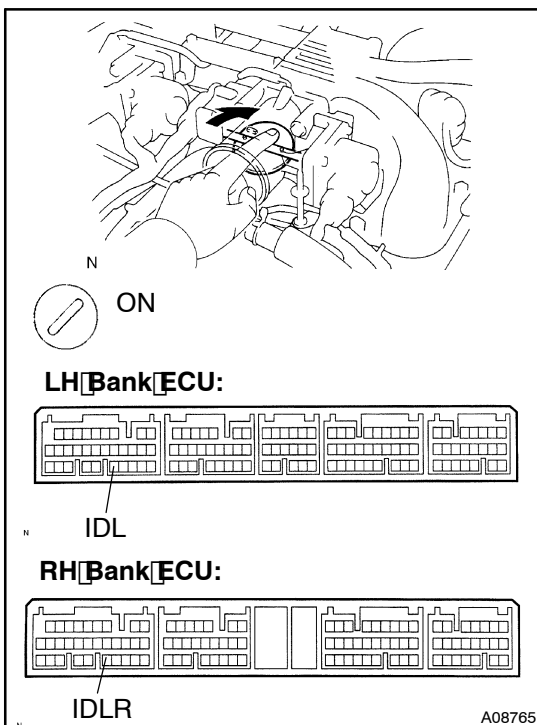
Refer to DTC P1125/21, 22 (Throttle Valve Motor Circuit) on page DI-88 for the WIRING DIAGRAM.

## INSPECTION PROCEDURE

### HINT:

LH and RH bank engine ECU detect this DTC code respectively. The inspection procedures are same for both LH and RH bank engine ECU and described in this manual. Even though terminal name and part name on the side of RH bank are described in parenthesis, perform the inspection for only ECU that has detected DTC.

<b>1</b>	<b>Check voltage between terminal IDL (IDLR) of engine ECU and body ground.</b>
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### PREPARATION:

- Remove engine ECU with connectors still connected.
- Remove intake air duct.
- Disconnect throttle valve motor connector.
- Turn ignition switch ON.

### CHECK:

Measure voltage between terminal IDL (IDLR) of engine ECU and body ground, when the throttle valve is fully closed and fully open.

### OK:

Throttle valve position	Voltage
Fully closed	0 - 3 V
Fully open	9 - 14 V

**OK**

**Go to step 3.**

**NG**

2 Check for open and short in harness and connector between terminal IDL (IDL R) of engine ECU and throttle position sensor (See page IN-20).

NG Repair or replace harness or connector.

OK

Check and replace engine ECU.

3 Check throttle position sensor (See page DI-49).

NG Replace throttle body assembly.

OK

Check and replace engine ECU.