

<b>DTC</b>	<b>P0101</b>	<b>Mass Air Flow Circuit Range/Performance Problem</b>
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## CIRCUIT DESCRIPTION

Refer to DTC P0100 on page [DI-23](#).

DTC No.	DTC Detection Condition	Trouble Area
P0101	Conditions (a) and (b) continue 10 sec. or more with engine speed 900 rpm or less: (2 trip detection logic) (a) Throttle valve fully closed (b) Mass air flow meter output > 2.2 V	• Mass air flow meter
	Conditions (a) and (b) continue 10 sec. or more with engine speed 1,500 rpm or more: (2 trip detection logic) (a) VTA $\geq$ 0.63 V (b) Mass air flow meter output < 1.06 V	

## INSPECTION PROCEDURE

### HINT:

Read freeze frame data using TOYOTA hand-held tester or OBD II scan tool. Because freeze frame records the engine conditions when the malfunction is detected. When troubleshooting, it is useful for determining whether the vehicle was running or stopped, the engine was warmed up or not, the air-fuel ratio was lean or rich, etc. at the time of the malfunction.

<b>1</b>	<b>Are there any other codes (besides DTC P0101) being output?</b>
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**NO**

**Replace mass air flow meter.**

**YES**

**Go to relevant DTC chart (See page [DI-14](#)).**