

DTC	P0101	Mass Air Flow Circuit Range/Performance Problem
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CIRCUIT DESCRIPTION

Refer to DTC P0100 on page [DI-22](#) .

DTC No.	DTC Detection Condition	Trouble Area
P0101	After engine is warmed up, conditions (a) and (b) continue with more than 10 sec. 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 with more than 10 sec. engine speed 1,850 rpm or more: (2 trip detection logic) (a) VTA \geq 0.75 V (b) Mass air flow meter output < 0.97 V for 2RZ-FE or Mass air flow meter output < 1.0 V for 3RZ-FE	

INSPECTION PROCEDURE

HINT:

Read freeze frame data using TOYOTA hand-held tester or OBD II scan tool as freeze frame data records the engine conditions when a 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.

1	Are there any other codes (besides DTC P0101) being output?
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YES

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

NO

Replace mass air flow meter.