

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

Refer to DTC P0100 on page [DI-249](#).

DTC No.	DTC Detection Condition	Trouble Area
P0101	After engine is warmed up, conditions (a), (b) and (c) continue with engine speed at 900 rpm or less: (2 trip detection logic) (a) Throttle valve fully closed (b) Mass air flow meter output > 2.2 V (c) THW \geq 70°C	• Mass air flow meter
	Conditions (a) and (b) continue with engine speed at 1,500 rpm or more: (2 trip detection logic) (a) VTA \geq 0.1 V (b) Mass air flow meter output < 0.25 V	

INSPECTION PROCEDURE

HINT:

Read freeze frame data using the hand-held tester or the 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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NO	Replace mass air flow meter.
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YES

Go to relevant DTC chart (See page DI-231).
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