

DTC	P0101	MASS AIR FLOW CIRCUIT RANGE/PERFORMANCE PROBLEM
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CIRCUIT DESCRIPTION

Refer to DTC P0100 on page [05-177](#).

DTC No.	DTC Detecting 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 (c) THW > 70°C (158°F)	• Mass air flow meter
	Conditions (a) and (b) continue with more than 10 sec. engine speed 1,500 rpm or more: (2 trip detection logic) (a) VTA \geq 0.1 V (b) Mass air flow meter output < 1.00 V	

WIRING DIAGRAM

Refer to DTC P0100 on page [05-177](#) for the WIRING DIAGRAM.

INSPECTION PROCEDURE

HINT:

Read freeze frame data using 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 warmed up or not, the air-fuel ratio lean or rich, etc. at the time of the malfunction.

1	READ OUTPUT DTC(BESIDES P0101)
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Result:

	A	B
RESULT	Only P0101 is output.	P0101 and other codes are output.

B	REPLACE INTAKE AIR FLOW METER SUB-ASSY
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GO TO RELEVANT DTC CHART
