

| | | |
|------------|--------------|--|
| DTC | P0101 | Mass or Volume Air Flow Circuit Range/Performance Problem |
|------------|--------------|--|

CIRCUIT DESCRIPTION

Refer to DTC P0100 on page [DI-28](#).

| DTC No. | DTC Detection Condition | Trouble Area |
|---------|--|-----------------------|
| P0101 | After engine is warmed up, conditions (a), (b) and (c) 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 \geq 70°C | • 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 0.1 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? |
|---|--|

YES

Go to relevant DTC chart (See page [DI-16](#)).

NO

Replace mass air flow meter.