

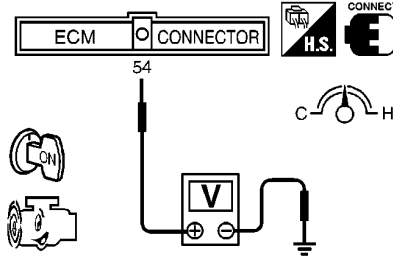
DTC P0120 THROTTLE POSITION SENSOR

VG33E

Diagnostic Procedure (Cont'd)

12 CHECK MASS AIR FLOW SENSOR

1. Reconnect harness connectors disconnected.
2. Start engine and warm it up to normal operating temperature.
3. Check voltage between ECM terminal 54 (Mass air flow sensor signal) and ground.

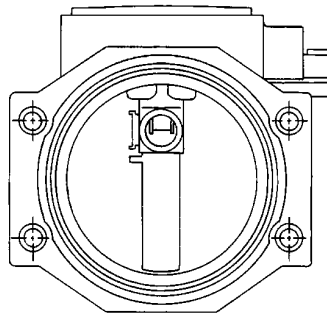


SEF747U

| Condition | Voltage V |
|--|--------------------------|
| Ignition switch "ON" (Engine stopped.) | Less than 1.0 |
| Idle (Engine is warmed-up to normal operating temperature.) | 1.0 - 1.7 |
| 2,500 rpm (Engine is warmed-up to normal operating temperature.) | 1.7 - 2.3 |
| Idle to about 4,000 rpm* | 1.0 - 1.7 to Approx. 4.0 |

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4. If the voltage is out of specification, disconnect mass air flow sensor harness connector and connect it again. Then repeat above check.
5. If NG, remove mass air flow sensor from air duct. Check hot wire for damage or dust.



SEF030T

OK or NG

| | | |
|----|--------------------------|-------------------------------|
| OK | <input type="checkbox"/> | GO TO 13. |
| NG | <input type="checkbox"/> | Replace mass air flow sensor. |

GI

MA

EM

LC

EC

FE

CL

MT

AT

TF

PD

AX

SU

BR

ST

RS

BT

HA

SC

EL

IDX