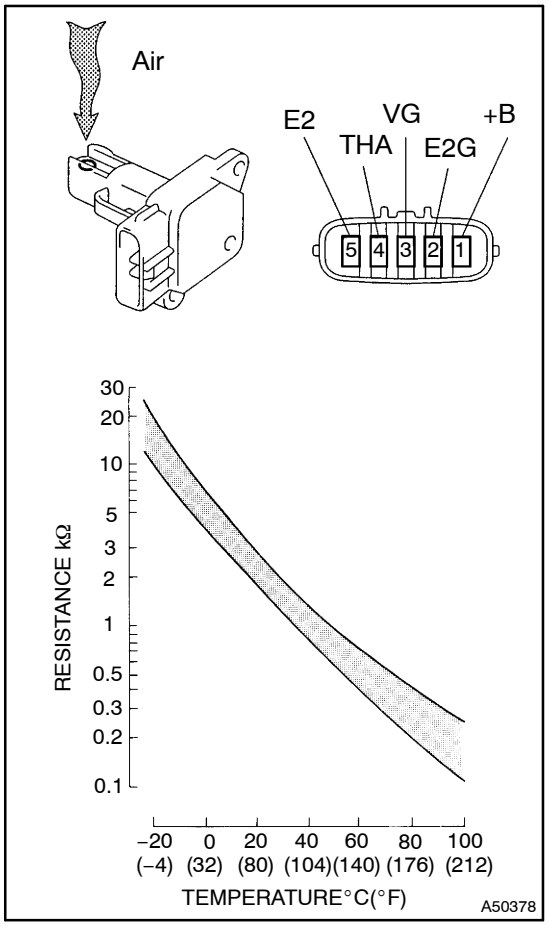
1006D–01

INSPECTION



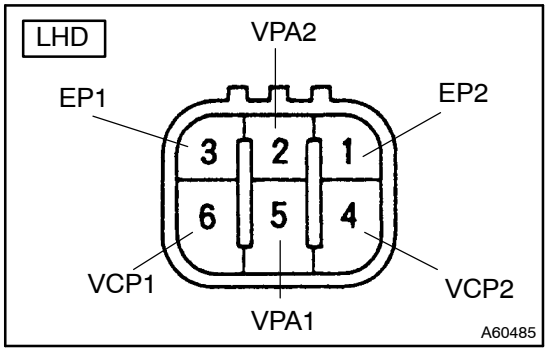
1. INTAKE AIR FLOW METER SUB–ASSY

(a) Output voltage inspection.
  (1) Apply battery voltage across terminals 1 (+B) and 2 (E2G).
  (2) Using a voltmeter, connect the positive (+) tester probe to terminal VG, and negative (–) tester probe to terminal E2G.
  (3) Blow air into the MAF meter, and check that the voltage fluctuates.

(b) Resistance inspection.
  (1) Using an ohmmeter, measure the resistance between terminals 4 (THA) and 5 (E2).

Resistance:

–20°C(–4°F) 13.6 – 18.4 kΩ
20°C(68°F) 2.21 – 2.69 kΩ
60°C(140°F) 0.493 – 0.667 kΩ

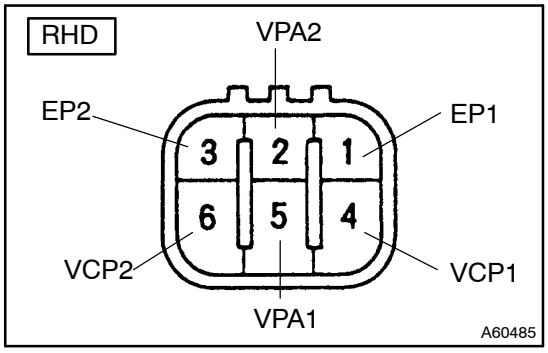


2. ACCELERATOR PEDAL ASSY

(a) Resistance inspection
  (1) Using an ohmmeter, measure the resistance between terminals.

Resistance:

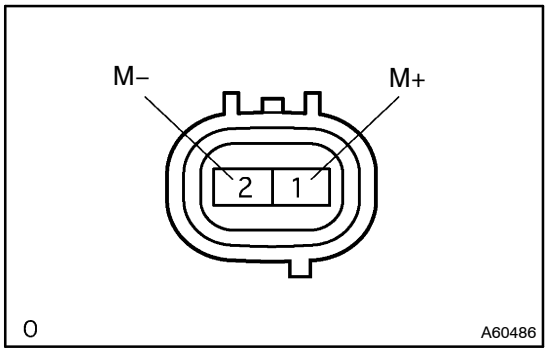
Terminal	Resistance
2 (VPA2) ⇔ 3 (EP1)	5.0 kΩ or less
5 (VPA1) ⇔ 1 (EP2)	5.0 kΩ or less
6 (VCP1) ⇔ 3 (EP1)	2.25 – 4.75 kΩ
4 (VCP2) ⇔ 1 (EP2)	2.25 – 4.75 kΩ



(b) Resistance inspection
(1) Using an ohmmeter, measure the resistance between terminals.

Resistance:

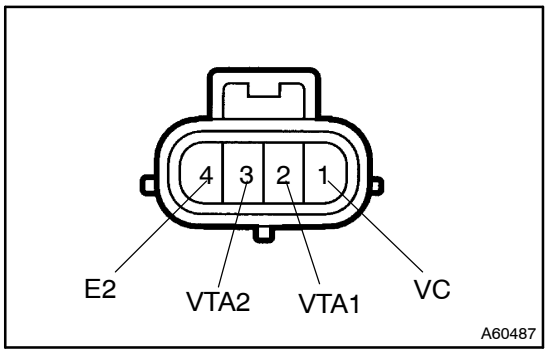
Terminal	Resistance
2 (VPA2) ⇔ 1 (EP1)	5.0 kΩ or less
5 (VPA1) ⇔ 3 (EP2)	5.0 kΩ or less
4 (VCP1) ⇔ 1 (EP1)	2.25 – 4.75 kΩ
6 (VCP2) ⇔ 3 (EP2)	2.25 – 4.75 kΩ



3. THROTTLE BODY ASSY

(a) Resistance inspection
(1) Using an ohmmeter, measure the resistance between terminals.

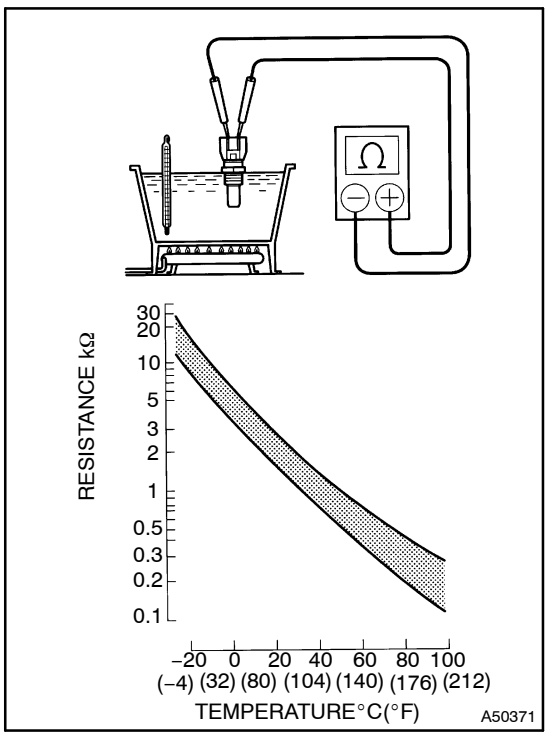
Resistance: 0.3 – 100Ω at 20°C (68°F)



4. E.F.I. THROTTLE POSITION SENSOR

(a) Resistance inspection.
(1) Using an ohmmeter, measure the resistance between terminals 1 (VC) and 4 (E2).

Resistance: 1.2 – 3.2 kΩ

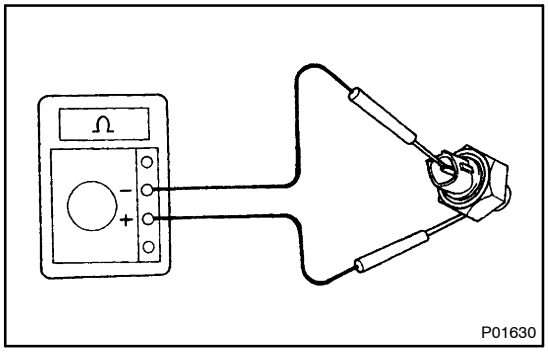


5. E.F.I. ENGINE COOLANT TEMPERATURE SENSOR

(a) Resistance inspection.
(1) Using an ohmmeter, measure the resistance between each terminal.

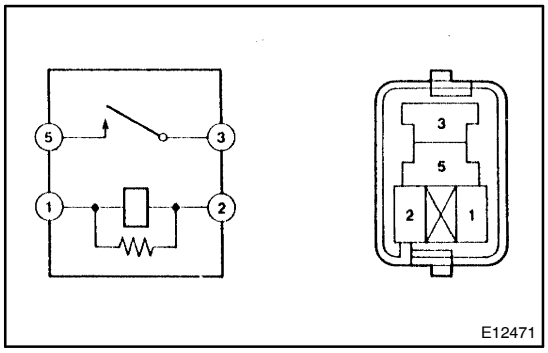
Resistance:
Approx. 20°C (68°F) 2.32 – 2.59 kΩ
Approx. 80°C (176°F) 0.310 – 0.326 kΩ

NOTICE:
In case of checking the water temperature sensor in the water, be careful not to allow water to go into the terminals, and after checking, wipe out the sensor.



6. KNOCK CONTROL SENSOR

(a) Continuity inspection.
(1) Using an ohmmeter, check that no continuity exists between the terminal and body.



7. E.F.I. CIRCUIT OPENING RELAY ASSY
E.F.I ECU RELAY
AIR FUEL RATIO SENSOR HEATER RELAY

(a) Continuity inspection.
(1) Using an ohmmeter, check that continuity exists between each terminal.

Specified condition:

Between terminal 1 and 2 Continuity

Between terminal 3 and 5 No continuity

(2) Using an ohmmeter, check that continuity exists between terminals 3 and 5 when the battery voltage is applied across terminals 1 and 2.