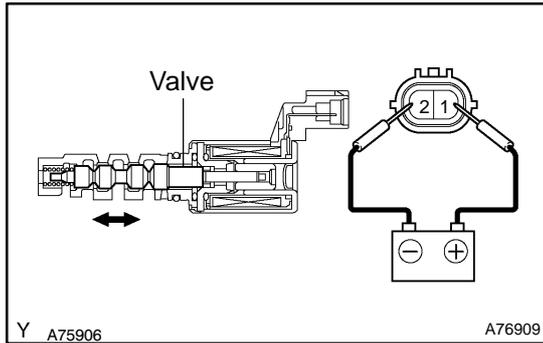


INSPECTION

1. INSPECT CAMSHAFT TIMING OIL CONTROL VALVE ASSY

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

Resistance: 6.9 - 7.9 Ω at 20°C (68°F)



- (b) Movement inspection.
 - (1) Connect the positive (+) lead from the battery to terminal 1 and negative (-) lead to terminal 2, and check the movement of the valve.

NOTICE:

Confirm the valve does not adhere.

HINT:

Bad returning of the valve by catching foreign objects causes subtle pressure leak to the advanced direction. DTC could be detected.

2. INSPECT MASS AIR FLOW METER

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

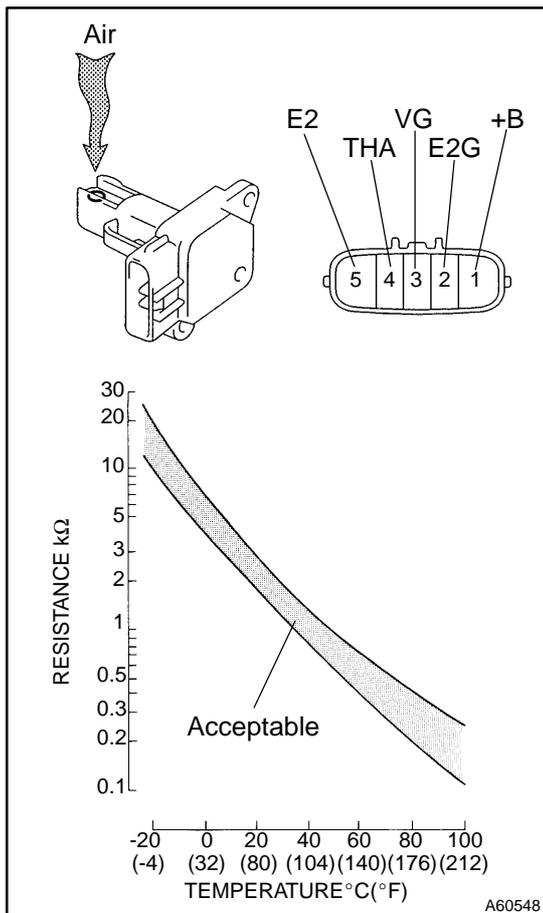
- (b) Resistance inspection.
 - (1) Using an ohmmeter, measure resistance between the terminals 4 (THA) and 5 (E2).

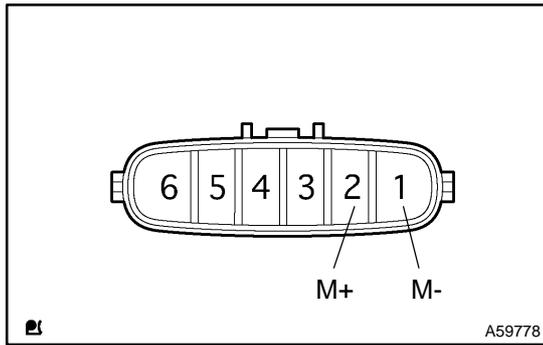
Resistance:

13.6 - 18.4 kΩ at 20°C (-4 °F)

2.21 - 2.69 kΩ at 20°C (68 °F)

0.49 - 0.67 kΩ at 60°C (140 °F)



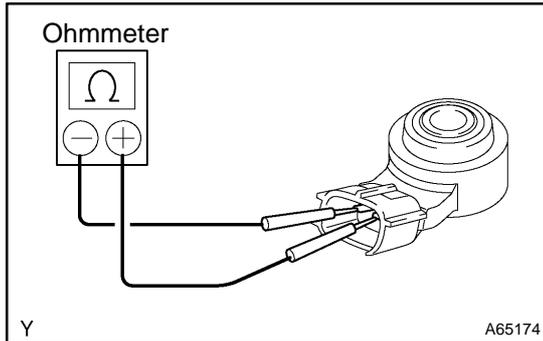


3. INSPECT THROTTLE W/MOTOR BODY ASSY

- (a) Using an ohmmeter, measure the resistance between the terminals.

Resistance:

Terminal No.	Resistance
2 (M+) ↔ 1 (M-)	0.3 - 100 Ω at 20 °C (68 °F)



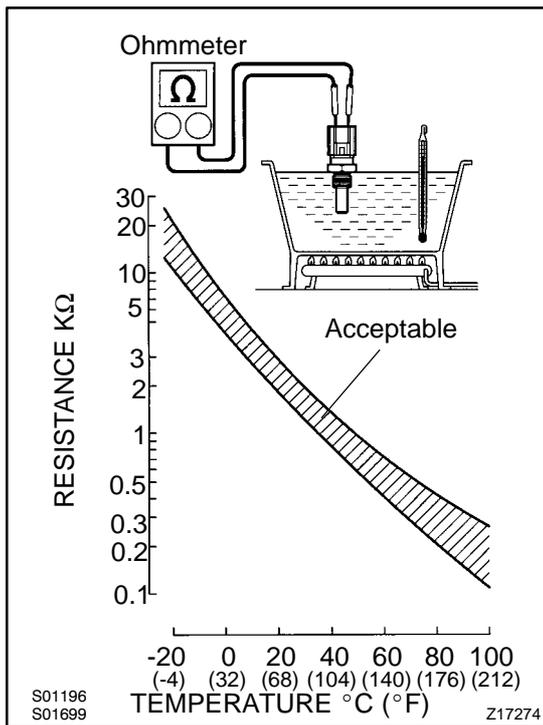
4. INSPECT KNOCK SENSOR

- (a) Using an ohmmeter, measure the resistance between terminals.

Resistance: 120 - 280 kΩ at 20 °C (68 °F)

HINT:

If the resistance is not as specified, replace the sensor.



5. INSPECT ENGINE COOLANT TEMPERATURE SENSOR

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

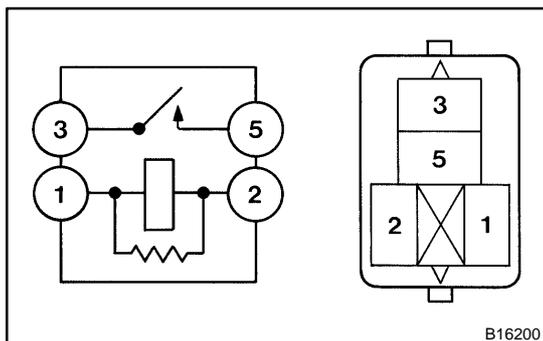
Resistance:

2.32 - 2.59 kΩ at 20 °C (68 °F)

0.310 - 0.326 kΩ at 80 °C (176 °F)

NOTICE:

When inspecting the water temperature sensor in water, prevent water flow into the terminals. After inspection, wipe the water off from the sensor.



6. INSPECT CIRCUIT OPENING RELAY

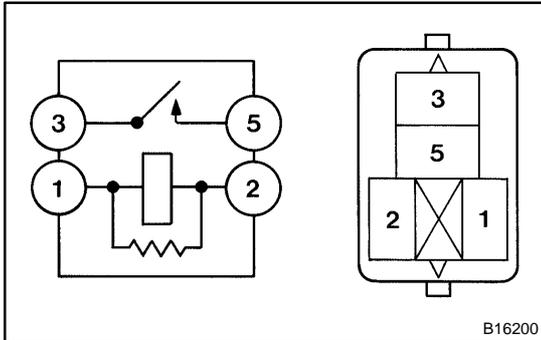
- (a) Continuity inspection.
 - (1) Using an ohmmeter, check for continuity between each terminal.

Specified condition:

Between terminals	Specified condition
1 - 2	Continuity
3 - 5	No continuity

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

Specified condition: Continuity



7. INSPECT EFI RELAY

- (a) Continuity inspection.

- (1) Using an ohmmeter, check for continuity between each terminal.

Specified condition:

Between terminals	Specified condition
1 - 2	Continuity
3 - 5	No continuity

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

Specified condition: Continuity