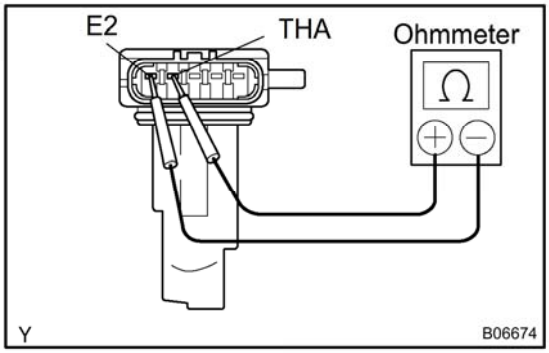
FI0Y4−02

INSPECTION

1. REMOVE MASS AIR FLOW (MAF) METER

(a) Disconnect the mass air flow (MAF) meter connector.

(b) Remove the 2 screws, mass air flow (MAF) meter and O−ring.



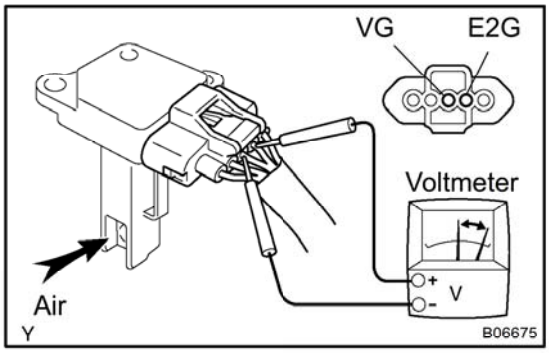
2. INSPECT MASS AIR FLOW (MAF) METER RESISTANCE

Using an ohmmeter, measure the resistance between terminals THA and E2.

Resistance:

Terminals	Resistance	Temperature
THA − E2	13.6 − 18.4 kΩ	−20°C (−4°F)
THA − E2	2.21 − 2.69 kΩ	20°C (68°F)
THA − E2	0.49 − 0.67 kΩ	60°C (140°F)

If the resistance is not as specified, replace the mass air flow (MAF) meter.



3. INSPECT MASS AIR FLOW (MAF) METER OPERATION

(a) Connect the mass air flow (MAF) meter connector.

(b) Turn the ignition switch ON.

(c) Using a voltmeter, connect the positive (+) tester probe to terminal VG, and negative (−) tester probe to terminal E2G.

(d) Blow air into the mass air flow (MAF) meter, and check that the voltage fluctuates.

If operation is not as specified, replace the mass air flow (MAF) meter.

(e) Turn the ignition switch LOCK.

(f) Disconnect the mass air flow (MAF) meter connector.

4. INSTALL MASS AIR FLOW (MAF) METER

(a) Install a new O−ring and the mass air flow (MAF) meter with the 2 screws.

(b) Connect the mass air flow (MAF) meter connector.