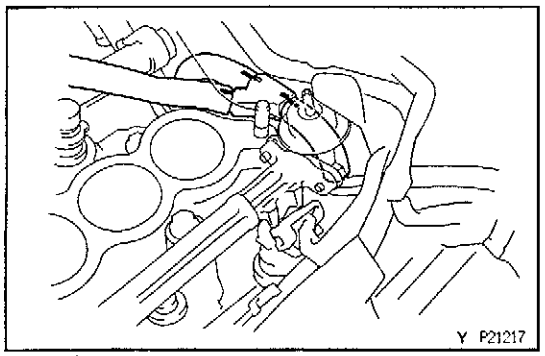
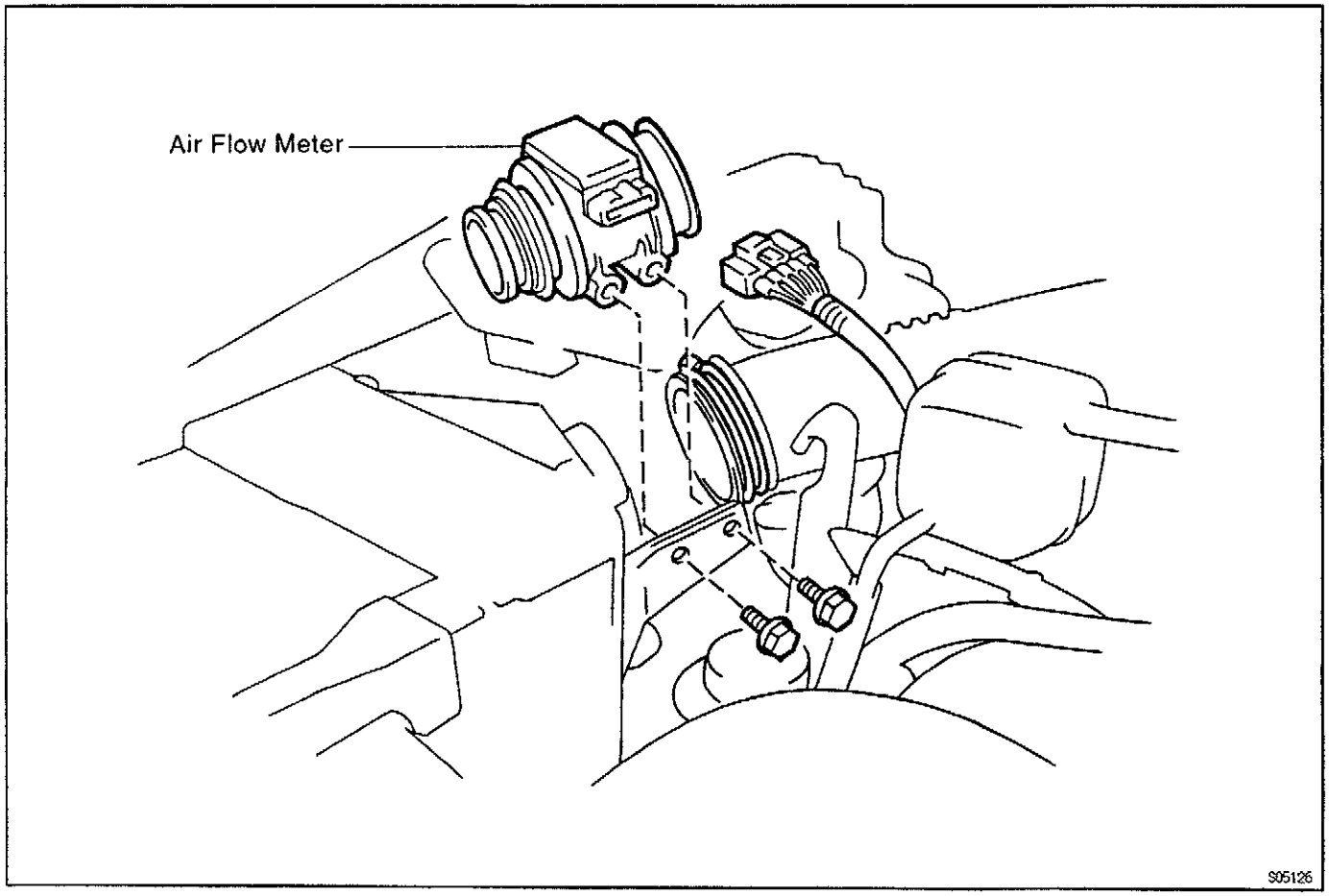


6. **VISUALLY INSPECT AIR ASSIST LINES AND CONNECTIONS**
   Look for loose connections, sharp bends or damage.
7. **INSTALL INTAKE AIR CONNECTOR**
   (See cylinder heads installation in Engine Mechanical)

AIR FLOW METER

EG0YJ-15

COMPONENTS FOR REMOVAL AND INSTALLATION

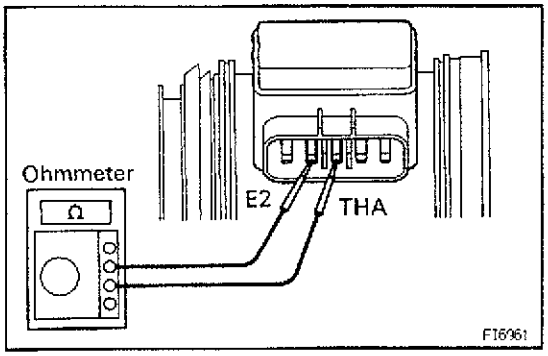


EG7CY-01

AIR FLOW METER REMOVAL

1. **DISCONNECT AIR CLEANER HOSE FROM AIR FLOW**
2. **REMOVE AIR FLOW METER**

(a) Disconnect the air flow meter connector.
(b) Remove the 2 bolts and air flow meter.
Torque: 6.9 N·m (70 kgf·cm, 61 in.·lbf)



EG

AIR FLOW METER INSPECTION

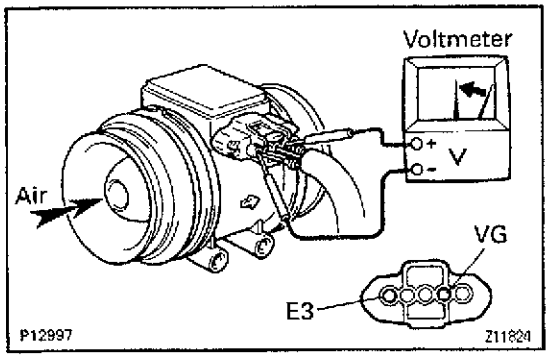
EG3D9–00

1. INSPECT AIR FLOW METER RESISTANCE

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

Terminals	Resistance	Temperature
THA – E2	10 – 20 kΩ	−20°C (−4°F)
THA – E2	4 – 7 kΩ	0°C (32°F)
THA – E2	2 – 3 kΩ	20°C (68°F)
THA – E2	0.9 – 1.3 kΩ	40°C (104°F)
THA – E2	0.4 – 0.7 kΩ	60°C (140°F)
THA – E2	0.2 – 0.4 kΩ	80°C (176°F)

If the resistance is not as specified, replace the air flow meter.



2. INSPECT AIR FLOW METER OPERATION

(a) Connect the air flow meter connector.

(b) Using a voltmeter, connect the positive (+) tester probe to terminal VG, and negative (−) tester probe to terminal E3.

(c) Blow air into the air flow meter, and check that the voltage fluctuates.

If operation is not as specified, replace the air flow meter.

(d) Disconnect the air flow meter connector.

EG66L–03

AIR FLOW METER INSTALLATION

Installation is in the reverse order of removal.