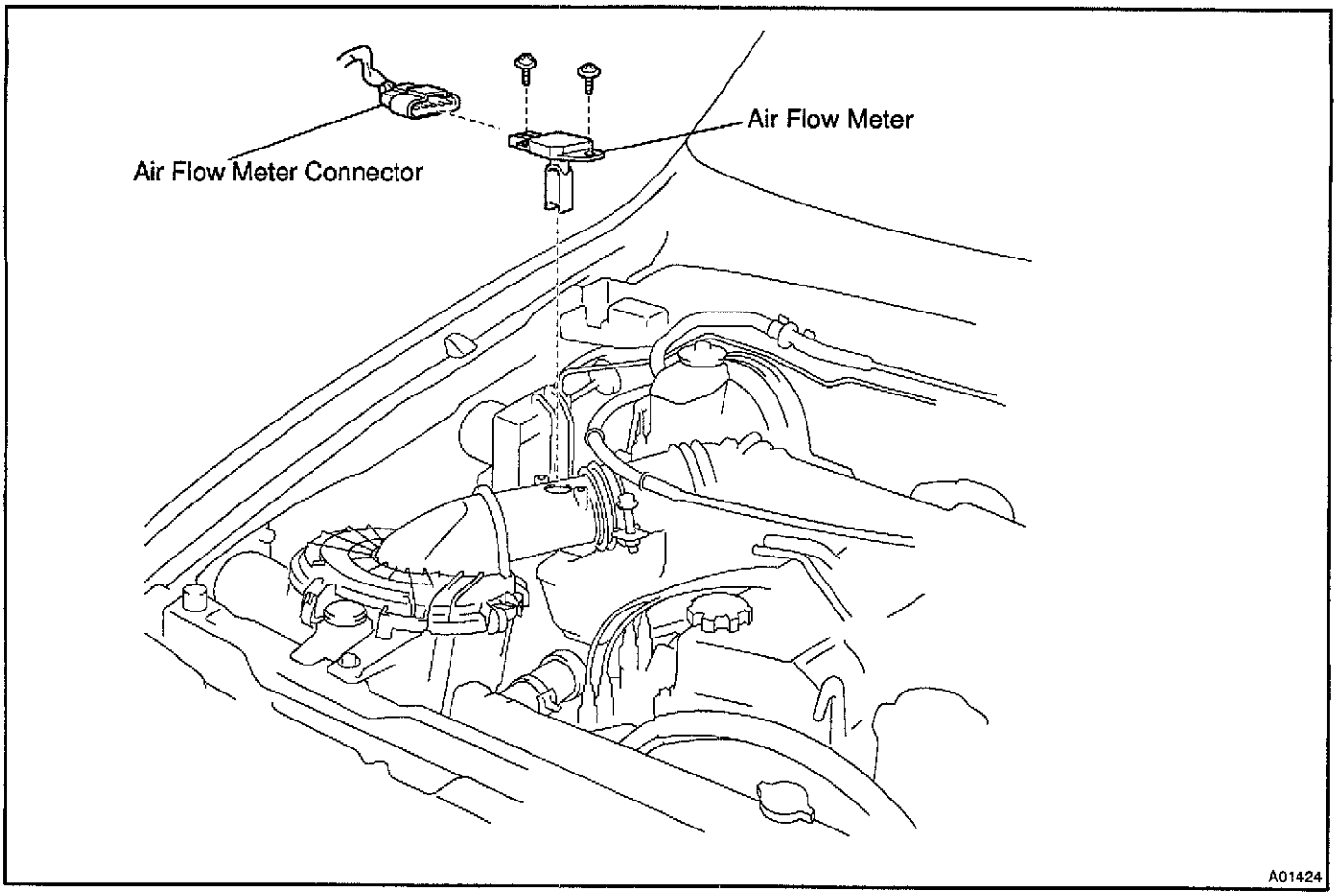
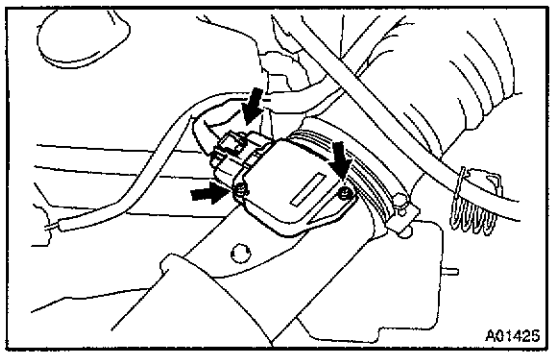
AIR FLOW METER (2RZ–FE, 3RZ–FE)

COMPONENTS

FID1H–01



FI01I–01



REMOVAL

REMOVE AIR FLOW METER

(a) Disconnect the air flow meter connecter.

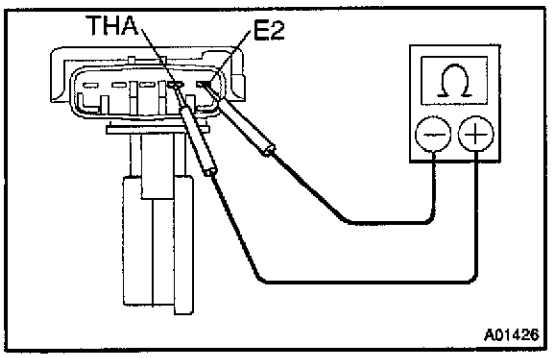
(b) Remove the 2 screws, air flow meter and gasket.

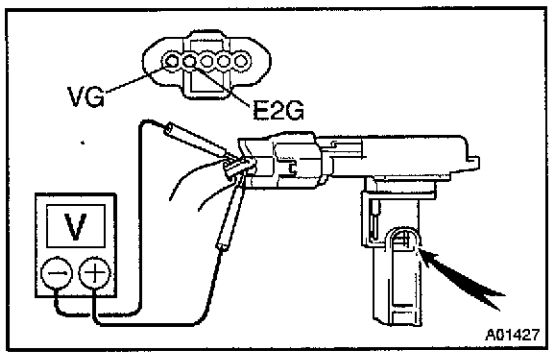
HINT:

At the time of assembly, please refer to the following items.

Install the air flow meter with the new gasket.

FI01J–01





INSPECTION

1. INSPECT AIR FLOW METER RESISTANCE

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

Terminals	Resistance	Temperature
THA – E2	12.5 – 16.9 kΩ	–20°C (–4 °F)
THA – E2	2.19 – 2.67 kΩ	20°C (68 °F)
THA – E2	0.5 – 0.68 kΩ	60°C (140 °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) 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 air flow meter, and check that the voltage fluctuates.

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

(e) Turn the ignition switch OFF.

(f) Disconnect the air flow meter connector.

FI01K–01

INSTALLATION

Installation is in the reverse order of removal.
(See page FI–28)