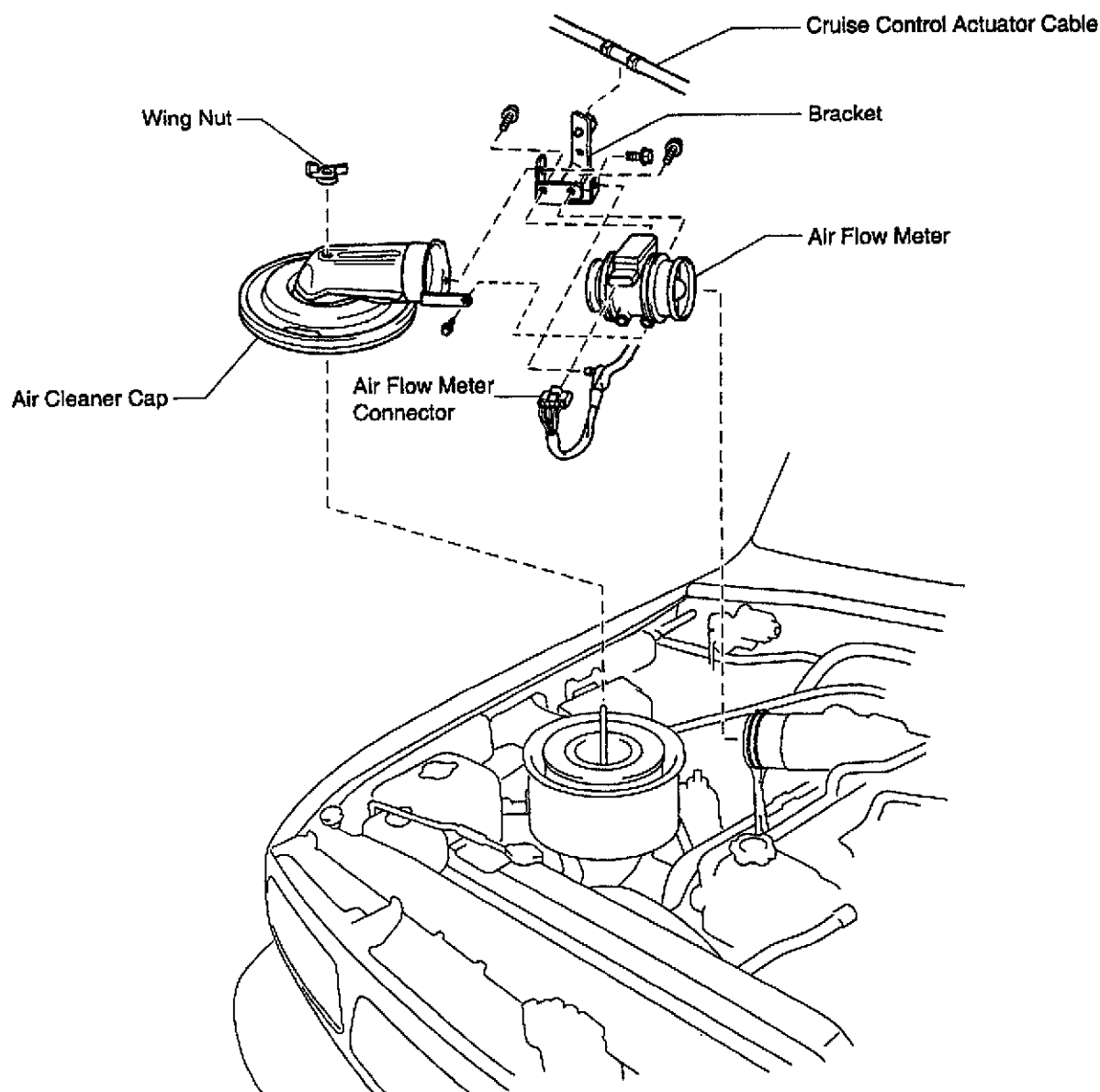
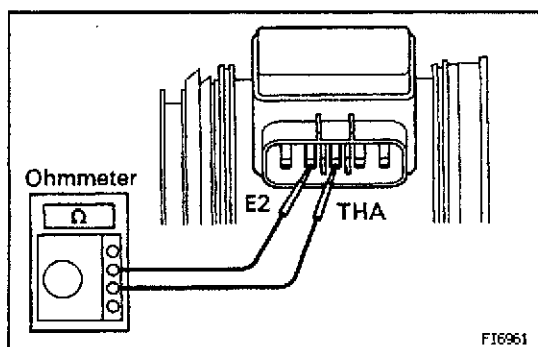
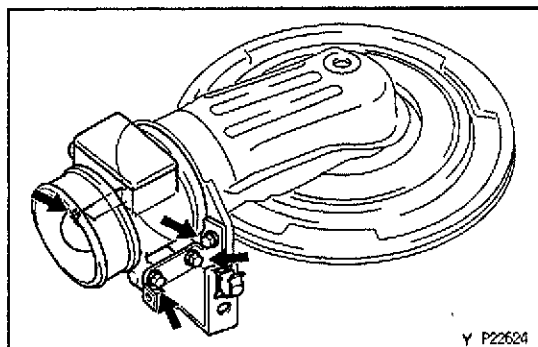
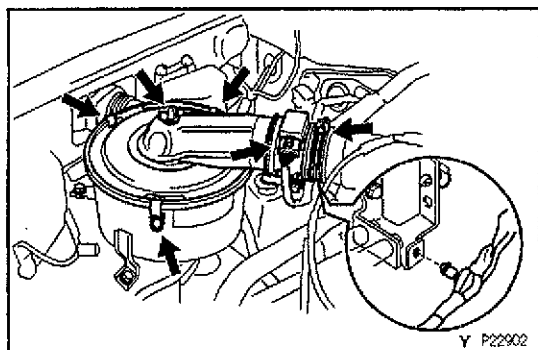


- \*1: All accessories and A/C are switch OFF.
- \*2: Station wagon only.
- \*3: Hardtop only.
- \*4: If the engine coolant temperature sensor circuit is open or shorted, the engine ECU assumes an engine coolant temp. value of 80°C (176°F).
- \*5: Europe only.
- \*6: When feedback control is forbidden, 0 V is displayed.
- \*7: A/T only.

## AIR FLOW METER (Station Wagon) COMPONENTS FOR REMOVAL AND INSTALLATION

EG54N-02





## AIR FLOW METER REMOVAL

Installation is in the reverse order of removal.

### 1. REMOVE AIR CLEANER CAP AND AIR FLOW METER

- Disconnect the air flow meter connector and wire clamp.
- Disconnect the cruise control actuator cable.
- Loosen the air cleaner hose clamp.
- Disconnect the 3 clips, and remove the wing nut, air cleaner cap and air flow meter.

### 2. REMOVE AIR FLOW METER

Remove the 4 bolts, bracket and air flow meter.

Torque: 6.9 N·m (70 kgf·cm, 61 in.-lbf)

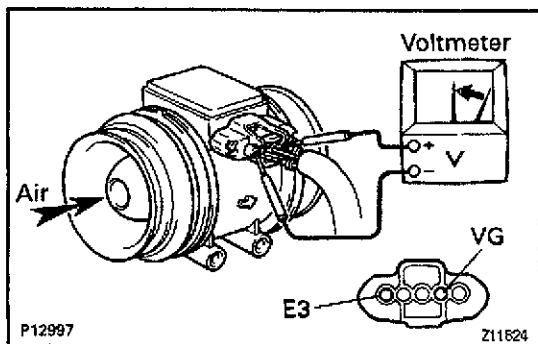
## AIR FLOW METER INSPECTION

### 1. INSPECT AIR FLOW METER RESISTANCE

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

Between terminals	Resistance	Temperature
THA — E2	10 — 20 k $\Omega$	-20°C (-4°F)
THA — E2	4 — 7 k $\Omega$	0°C (32°F)
THA — E2	2 — 3 k $\Omega$	20°C (68°F)
THA — E2	0.9 — 1.3 k $\Omega$	40°C (104°F)
THA — E2	0.4 — 0.7 k $\Omega$	60°C (140°F)
THA — E2	0.2 — 0.4 k $\Omega$	80°C (176°F)

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



### 2. INSPECT AIR FLOW METER OPERATION

- Connect the air flow meter connector.
- Using a voltmeter, connect the positive (+) tester probe to terminal VG, and negative (-) tester probe to terminal E3.
- Blow air into the air flow meter, and check that the voltage fluctuates.  
If operation is not as specified, replace the air flow meter.
- Disconnect the air flow meter connector.