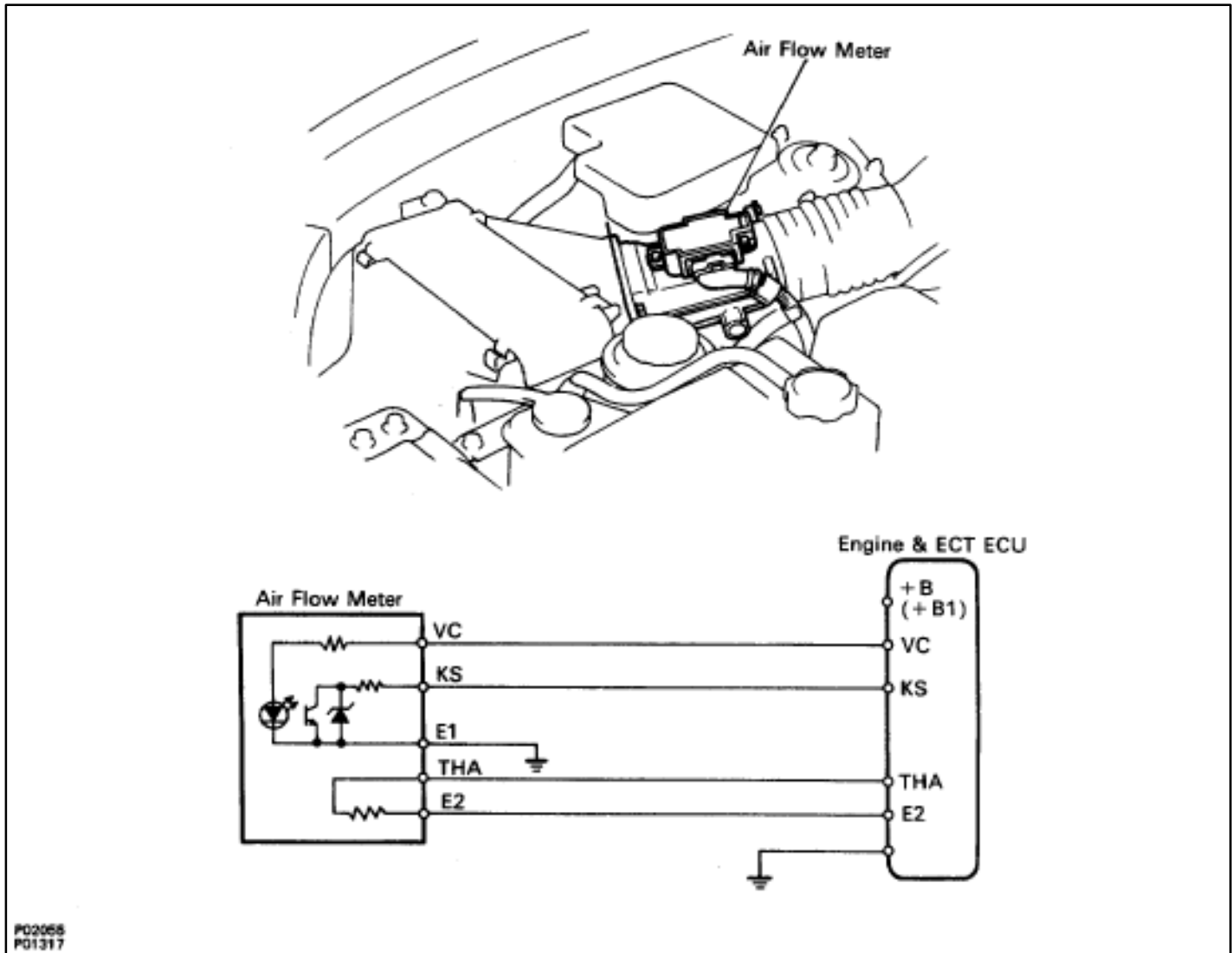


AIR INDUCTION SYSTEM

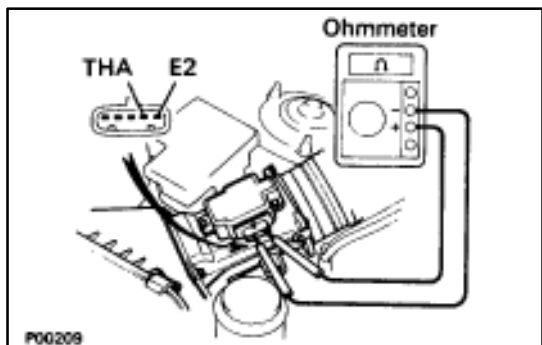
Air Flow Meter



ON-VEHICLE INSPECTION

INSPECT RESISTANCE OF AIR FLOW METER

- Disconnect the air flow meter connector.
- Using an ohmmeter, measure the resistance between terminals THA and E2.

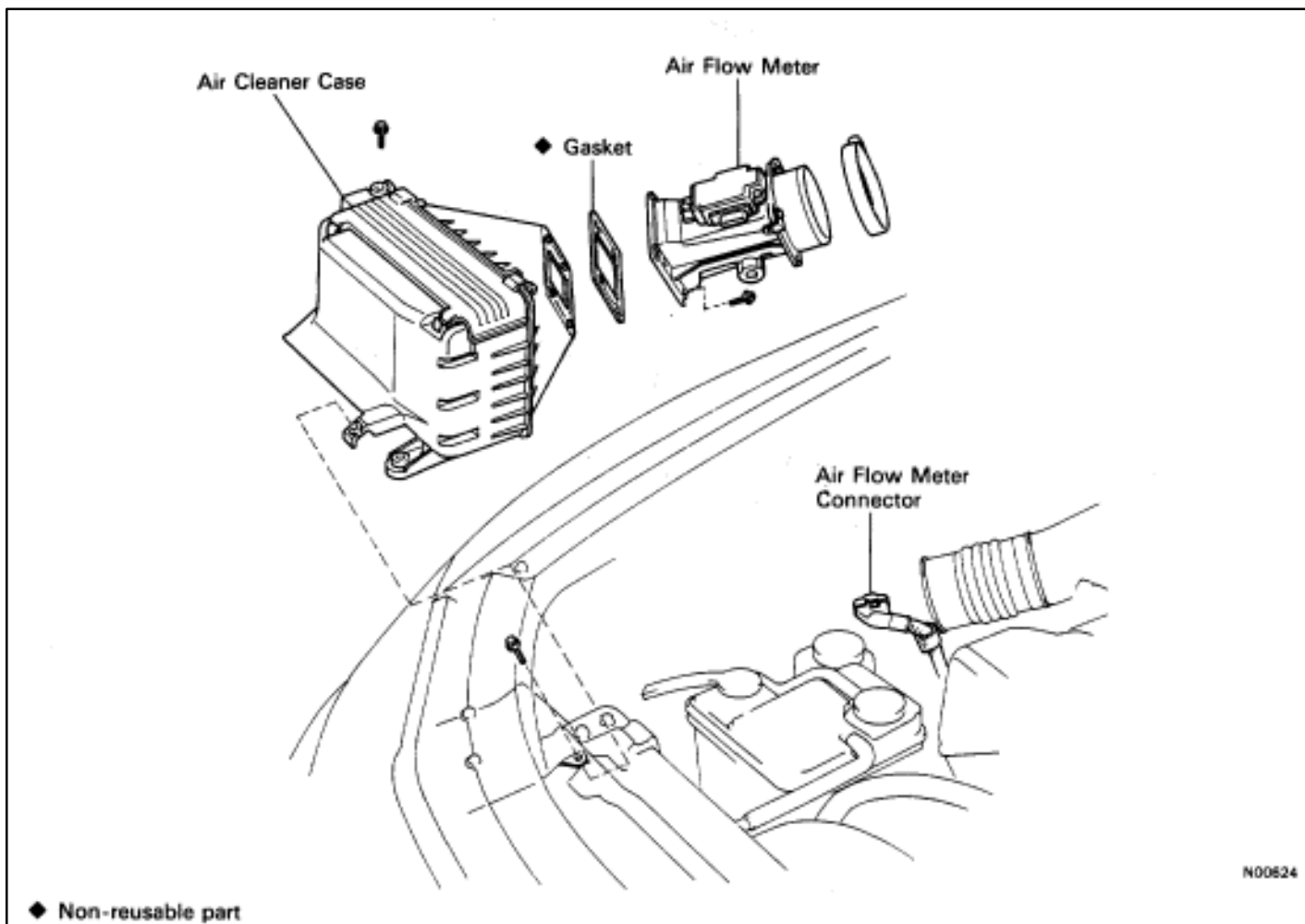


Between terminals	Resistance	Temperature
THA-E2	10-20 k Ω	-20°C (-4°F)
	4-7 k Ω	9°C (32°F)
	2-3 k Ω	20°C (68°F)
	0.9-1.3 k Ω	40°C (104°F)
	0.4-0.7 k Ω	60°C (140°F)

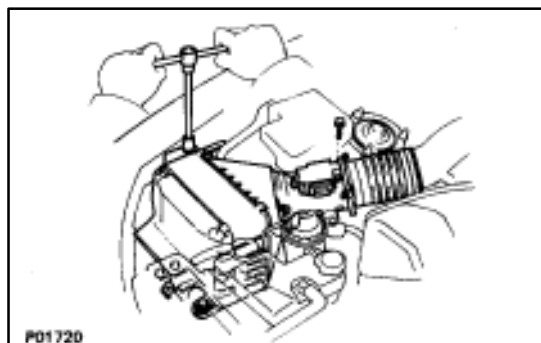
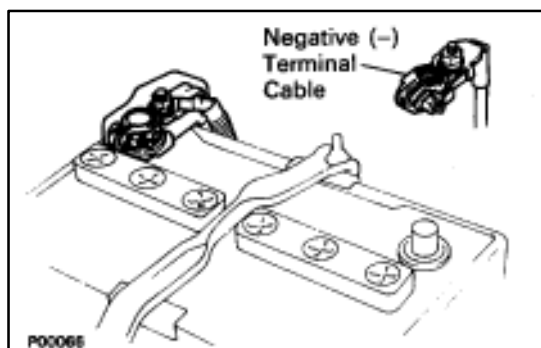
If the resistance is not as specified, replace the air flow meter.

- Reconnect the air flow meter connector.

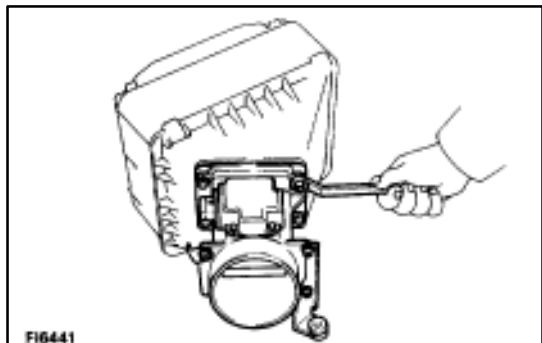
COMPONENTS



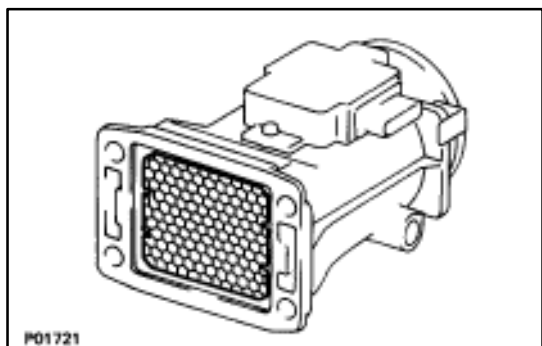
REMOVAL OF AIR FLOW METER



1. **DISCONNECT CABLE FROM NEGATIVE TERMINAL OF BATTERY**
CAUTION: Work must be started after approx. 20 seconds or longer from the time the ignition switch is turned to the "LOCK" position and the negative (-) terminal cable is disconnected from the battery.
2. **DISCONNECT AIR FLOW METER CONNECTOR**
 - (a) Disconnect the air flow meter connector.
 - (b) Disconnect the wire clamp from the clamp bracket on the air flow meter.
3. **REMOVE AIR CLEANER CASE AND AIR FLOW METER ASSEMBLY**
 - (a) Loosen the hose clamp.
 - (b) Remove the four mounting bolts.
 - (c) Disconnect the air cleaner hose from the air flow meter.
 - (d) Disconnect the air duct from the air cleaner case, and remove the air cleaner case and air flow meter assembly.

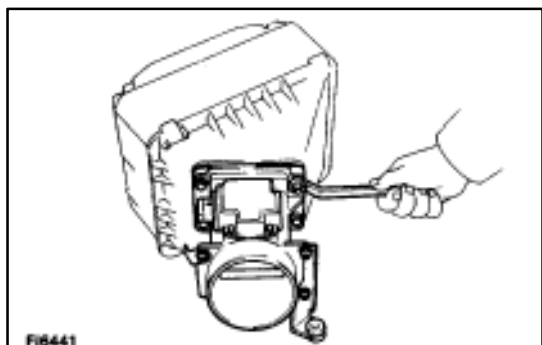
**4. REMOVE AIR FLOW METER FROM AIR CLEANER CASE**

Remove the four bolts and air flow meter and gasket.

**INSPECTION OF AIR FLOW METER****INSPECT AIR FLOW METER**

Check that the honey-combed is neither deformed nor damaged.

If necessary, replace the air flow meter.

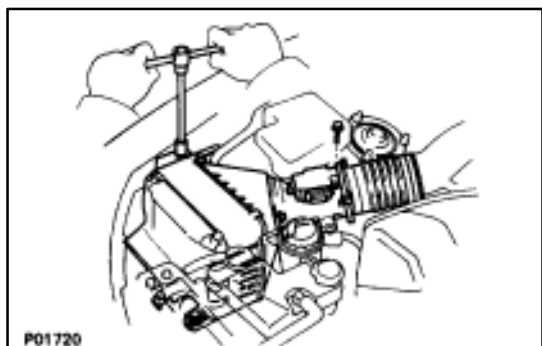
**INSTALLATION OF AIR FLOW METER**

(See Components on page [FI-64](#))

1. INSTALL AIR FLOW METER FROM AIR CLEANER CASE

Install a new gasket and the air flow meter with the four bolts.

Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)

**2. INSTALL AIR CLEANER CAP AND AIR FLOW METER ASSEMBLY**

- Connect the air cleaner case to the air duct.
- Connect the air flow meter to the air cleaner hose.
- Install the air cleaner and air flow meter assembly with the four bolts.
- Tighten the hose clamp.

3. CONNECT AIR FLOW METER CONNECTOR

- Connect the air flow meter connector.
- Install the wire clamp to the clamp bracket on the air flow meter.

4. CONNECT CABLE FROM NEGATIVE TERMINAL OF BATTERY