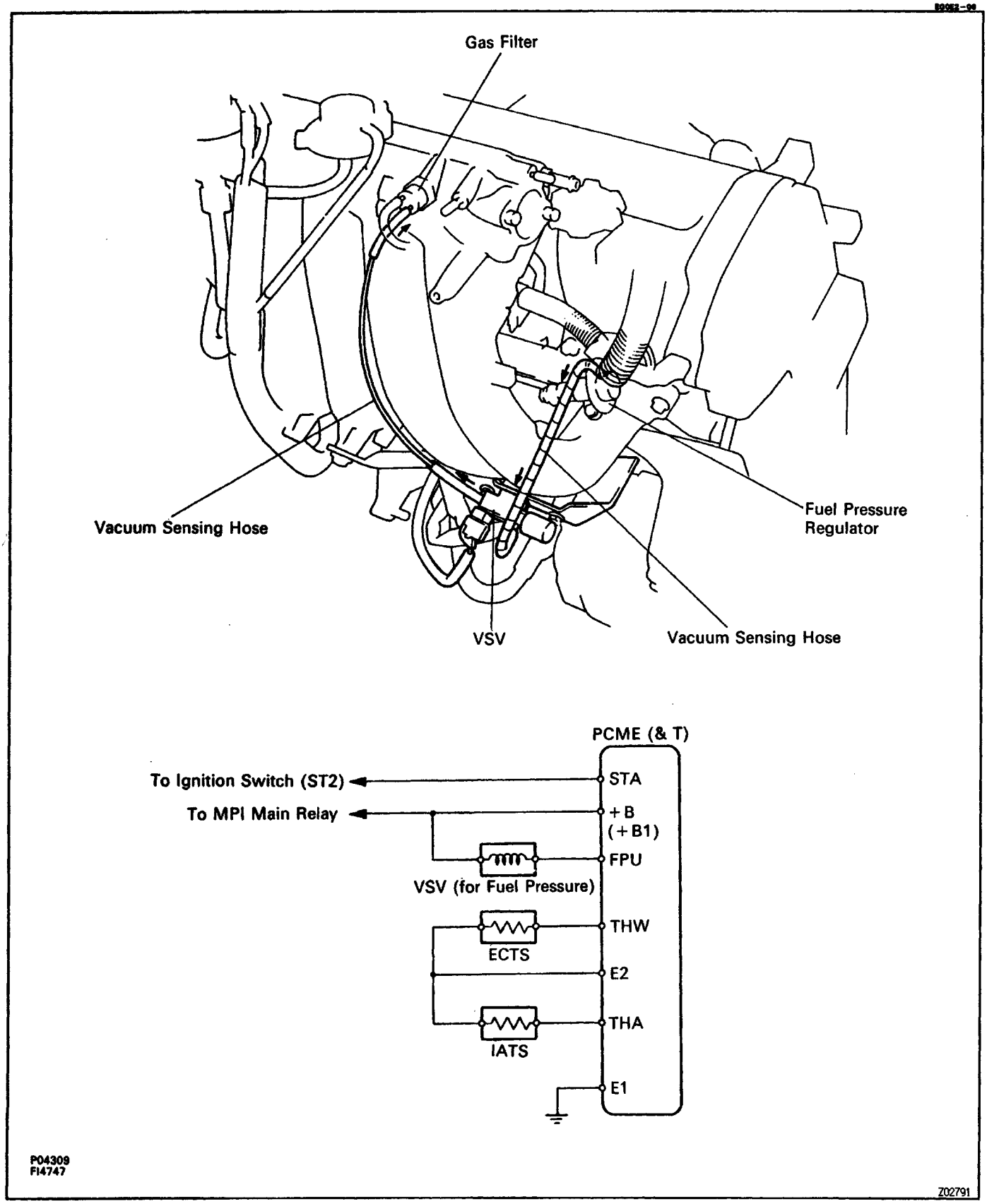
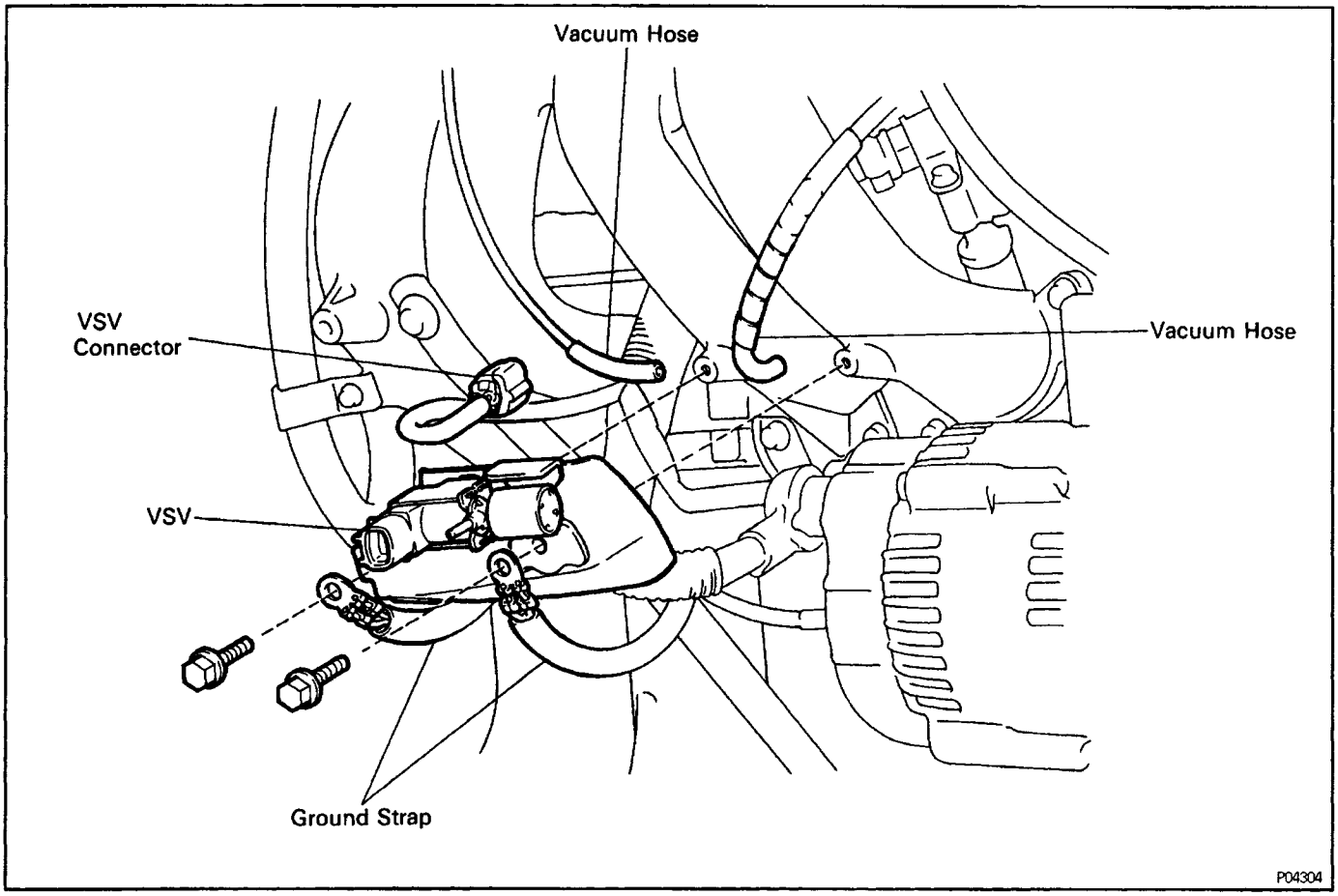
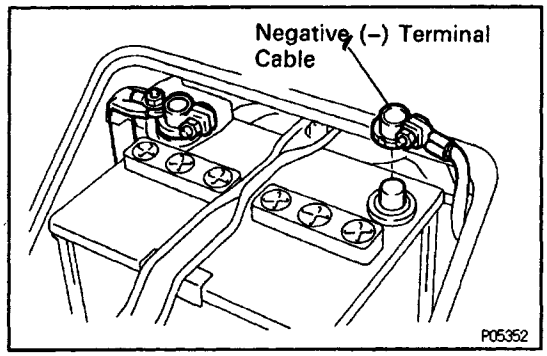
# VSV
# (For Fuel Pressure)



EG0E2–07

# COMPONENTS FOR REMOVAL AND INSTALLATION



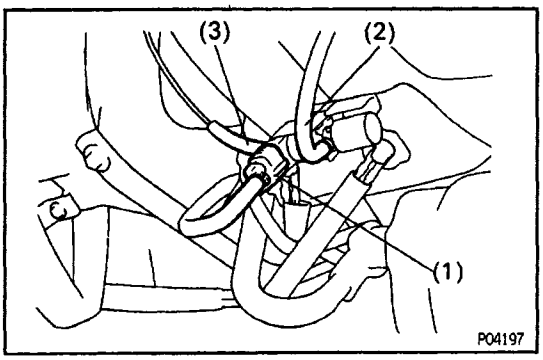

EG14B–01

# VSV INSPECTION

**(See Components for Removal and Installation)**

**1. DISCONNECT CABLE FROM NEGATIVE TERMINAL OF BATTERY**

**CAUTION: Turn the ignition switch to 'LOCK'. Disconnect the negative terminal from the battery. Wait at least 20 seconds before proceeding with work.**



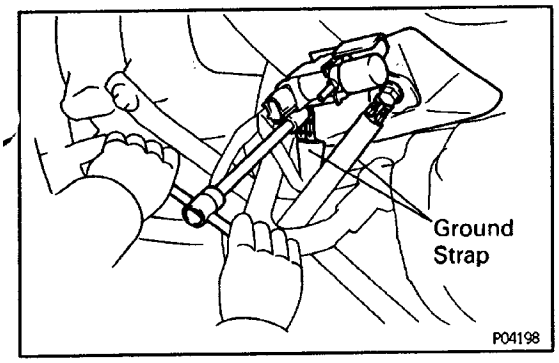

**2. REMOVE VSV**

(a) Disconnect the following connector and hoses:

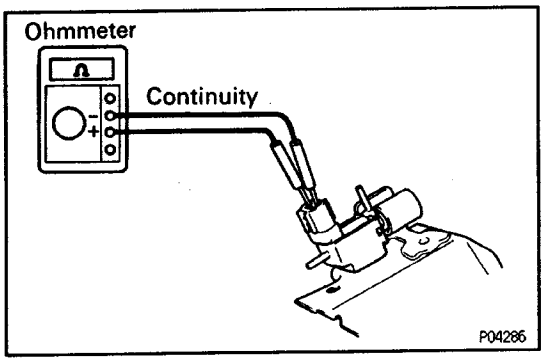
(1) VSV connector

(2) Vacuum hose (from fuel pressure regulator) from port E of VSV

(3) Vacuum hose (from gas filter)from port G of VSV




(b) Remove the two bolts and VSV. Disconnect the two ground straps.




**3. INSPECT VSV**

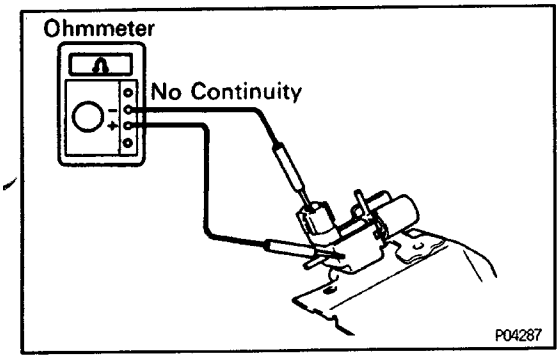
**A. Inspect VSV for open circuit**

Using an ohmmeter, check that there is continuity between the terminals.

**Resistance (Cold):**

**37–44Ω**

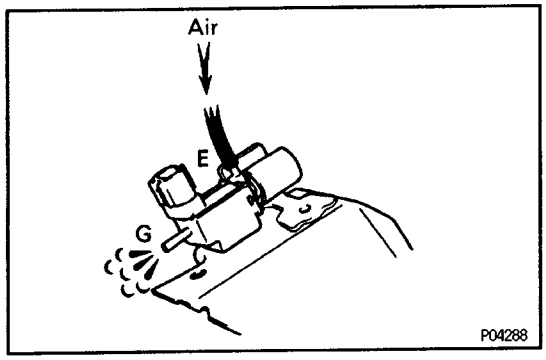
If there is no continuity, replace the VSV.




**B. Inspect VSV for ground**

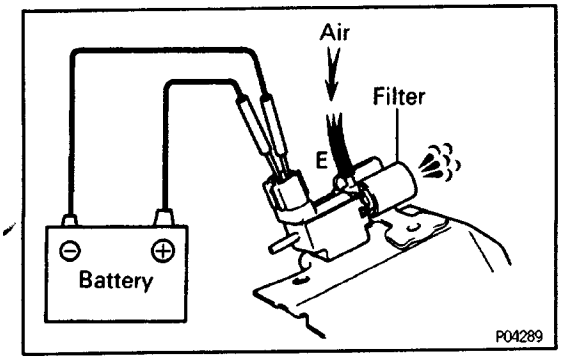
Using an ohmmeter, check that there is no continuity between each terminal and the body.

If there is continuity, replace the VSV.




**C. Inspect VSV operation**

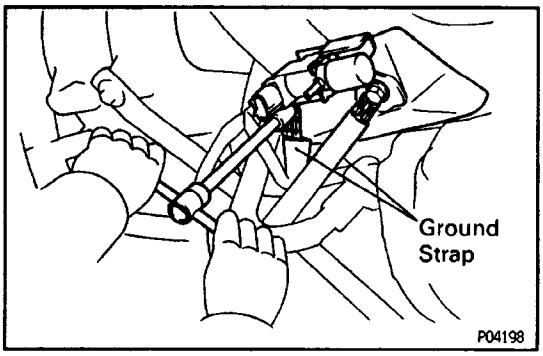
(a) Check that the air flows from port E to port G.




(b) Apply battery voltage across the terminals.

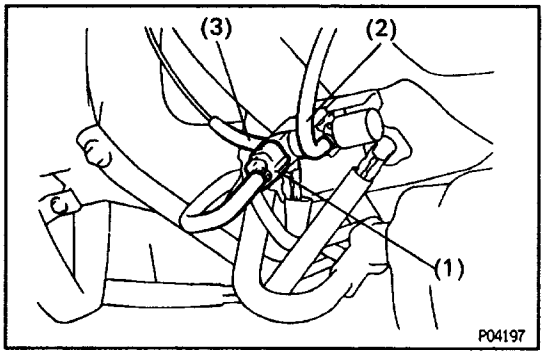
(c) Check that the air flows from port E to the filter.

If operation is not as specified, replace the VSV.




**4. REINSTALL VSV**

(a) Install the VSV with the bolt. Connect the two ground straps.




(b) Connect the following connector and hoses:
(1) VSV connector
(2) Vacuum hose (from fuel pressure regulator) from port E of VSV
(3) Vacuum hose (from gas filter)from port G of VSV

**5. RECONNECT CABLE TO NEGATIVE TERMINAL OF BATTERY**