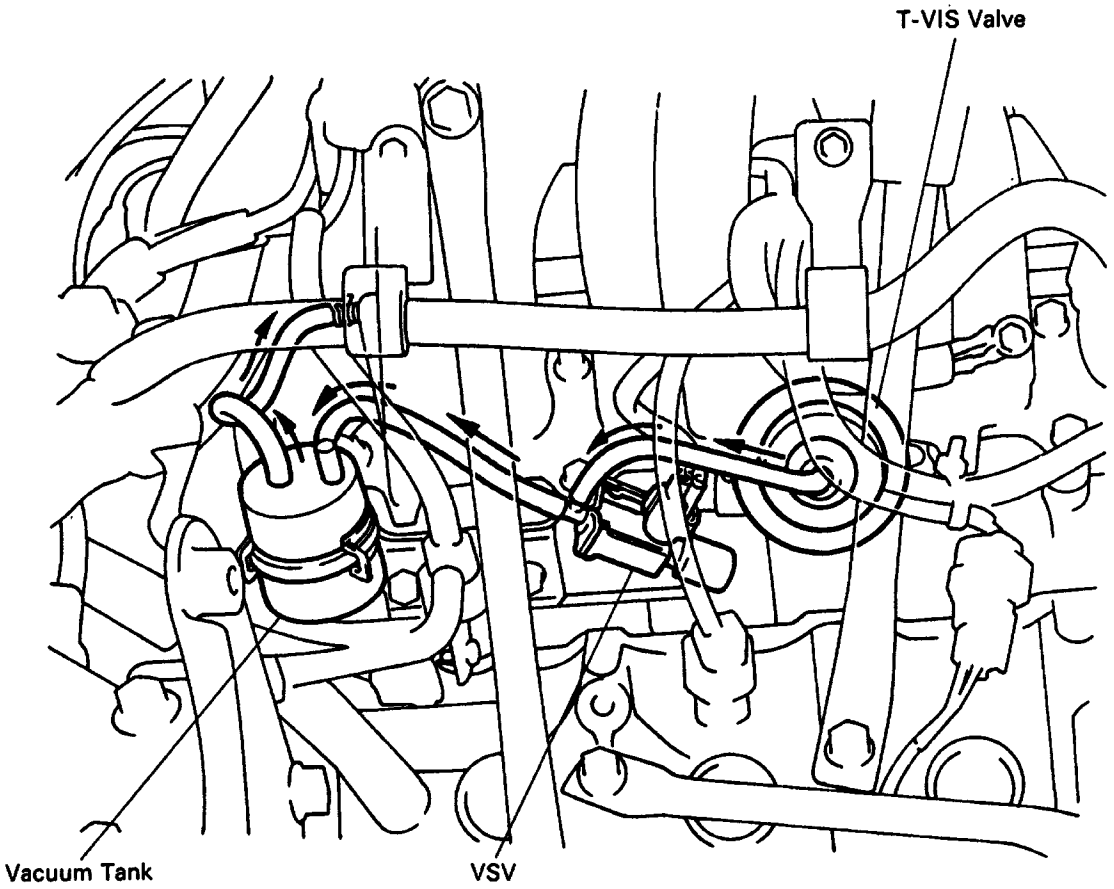
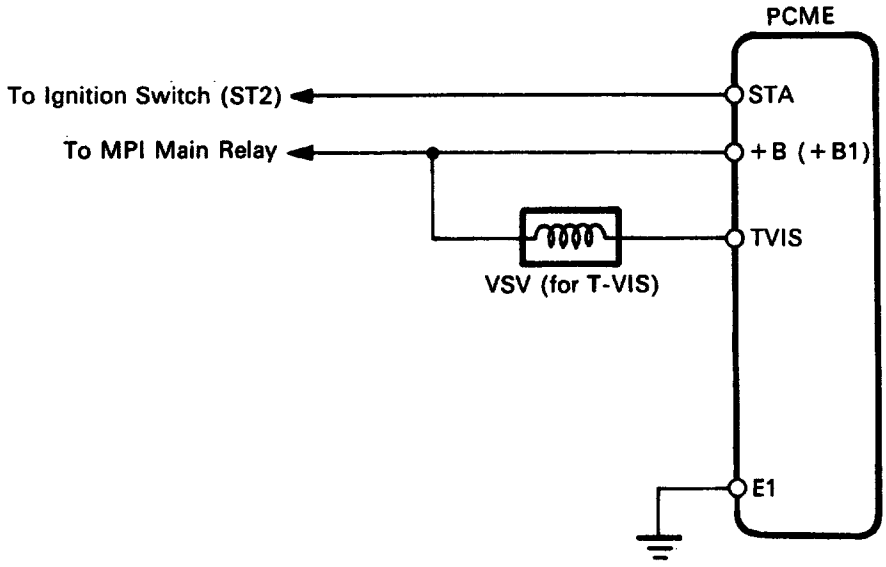
VSV
(For T–VIS)



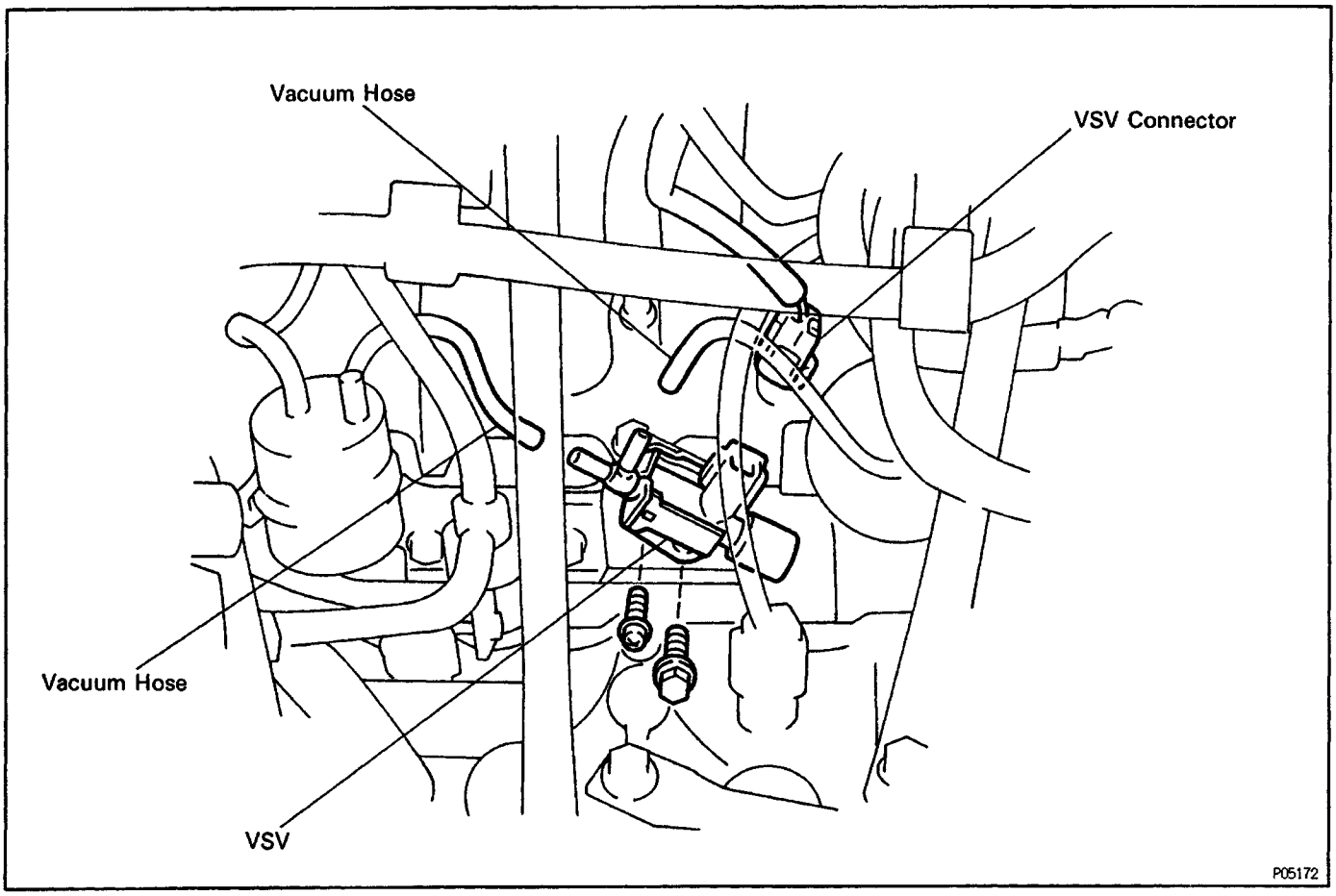


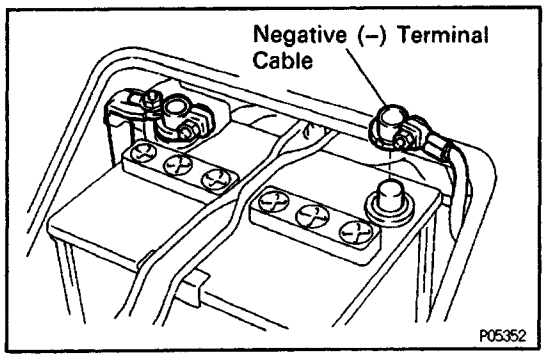
P04201
FI3041

Z02786

EGOYY–01

COMPONENTS FOR REMOVAL AND INSTALLATION





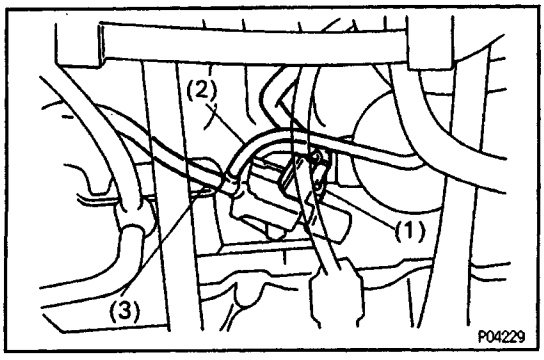
EGOYZ–01

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.



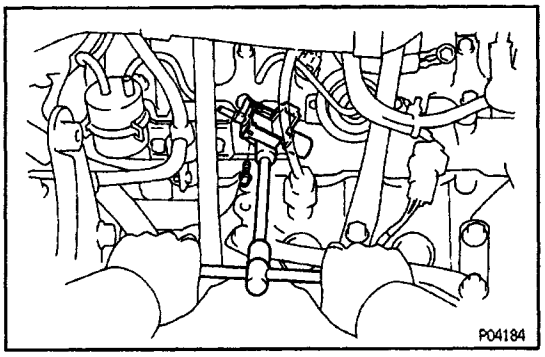
2. REMOVE VSV

(a) Disconnect the following connector and hoses:

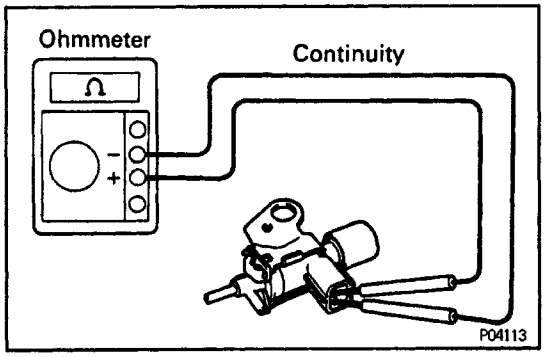
(1) VSV connector

(2) Vacuum hose (from T–VIS valve) from port E of VSV

(3) Vacuum hose (from vacuum tank) from port F of VSV



(b) Remove the screw, bolt and VSV.



3. INSPECT VSV

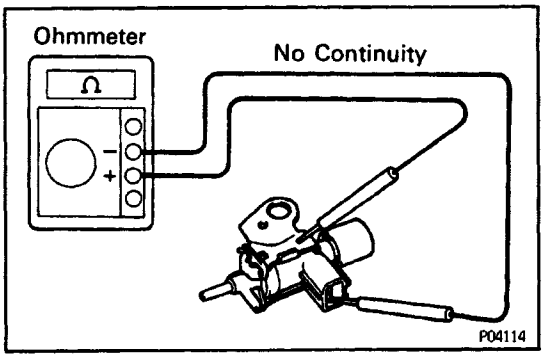
A. Inspect VSV for open circuit

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

Resistance (Cold):

33–39Ω

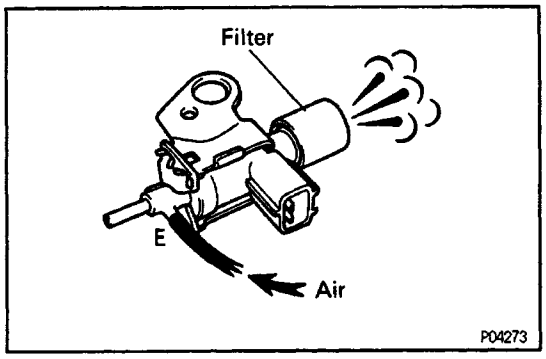
If there is no continuity, replace the VSV.



B. Inspect VSV for ground

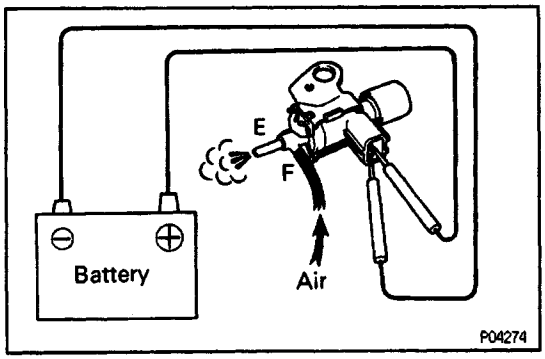
Using an ohmmeter, check that there is no continuity between each terminal and the body.

If there is continuity, replace the VSV.



C. Inspect VSV operation

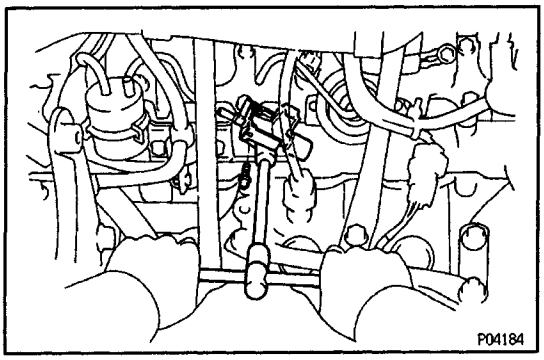
(a) Check that the air flows from port E to the filter.



(b) Apply battery voltage across the terminals.

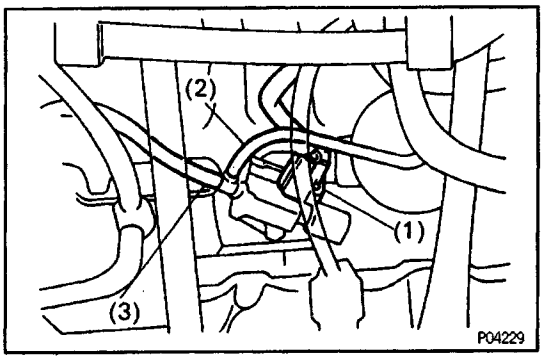
(c) Check that the air flows from port E to port F.

If operation is not as specified, replace the VSV.



4. REINSTALL VSV

(a) Install the VSV with the bolt and screw.



(b) Connect the following connector and hoses:
(1) VSV connector
(2) Vacuum hose (from T–VIS valve) to port E of VSV
(3) Vacuum hose (from vacuum tank) to port F of VSV

5. RECONNECT CABLE TO NEGATIVE TERMINAL OF BATTERY