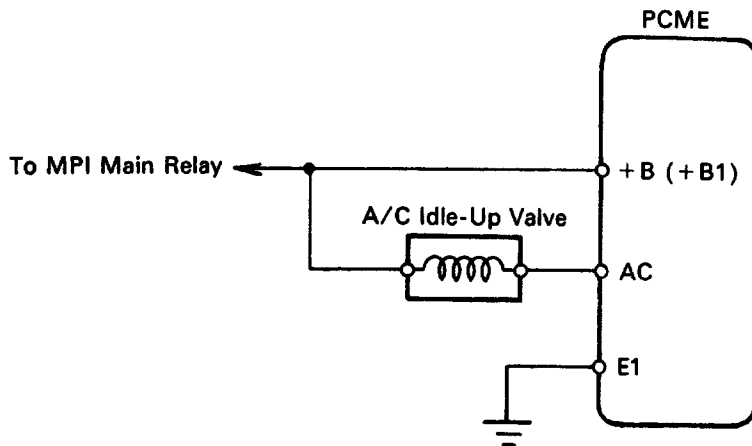
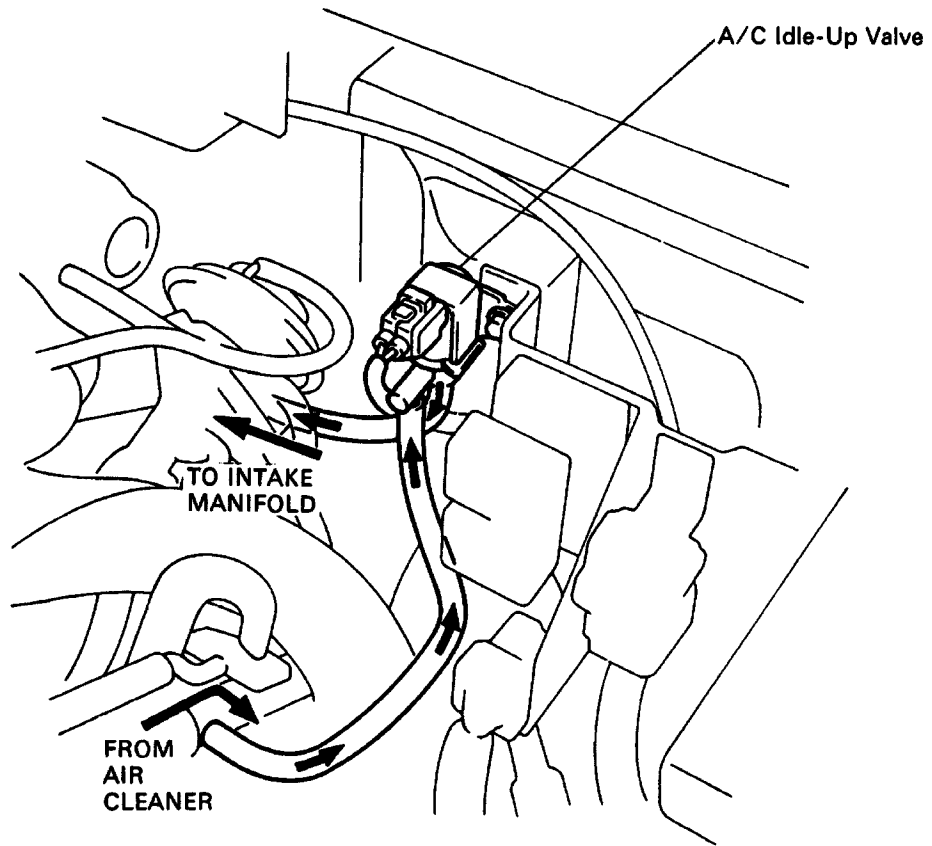
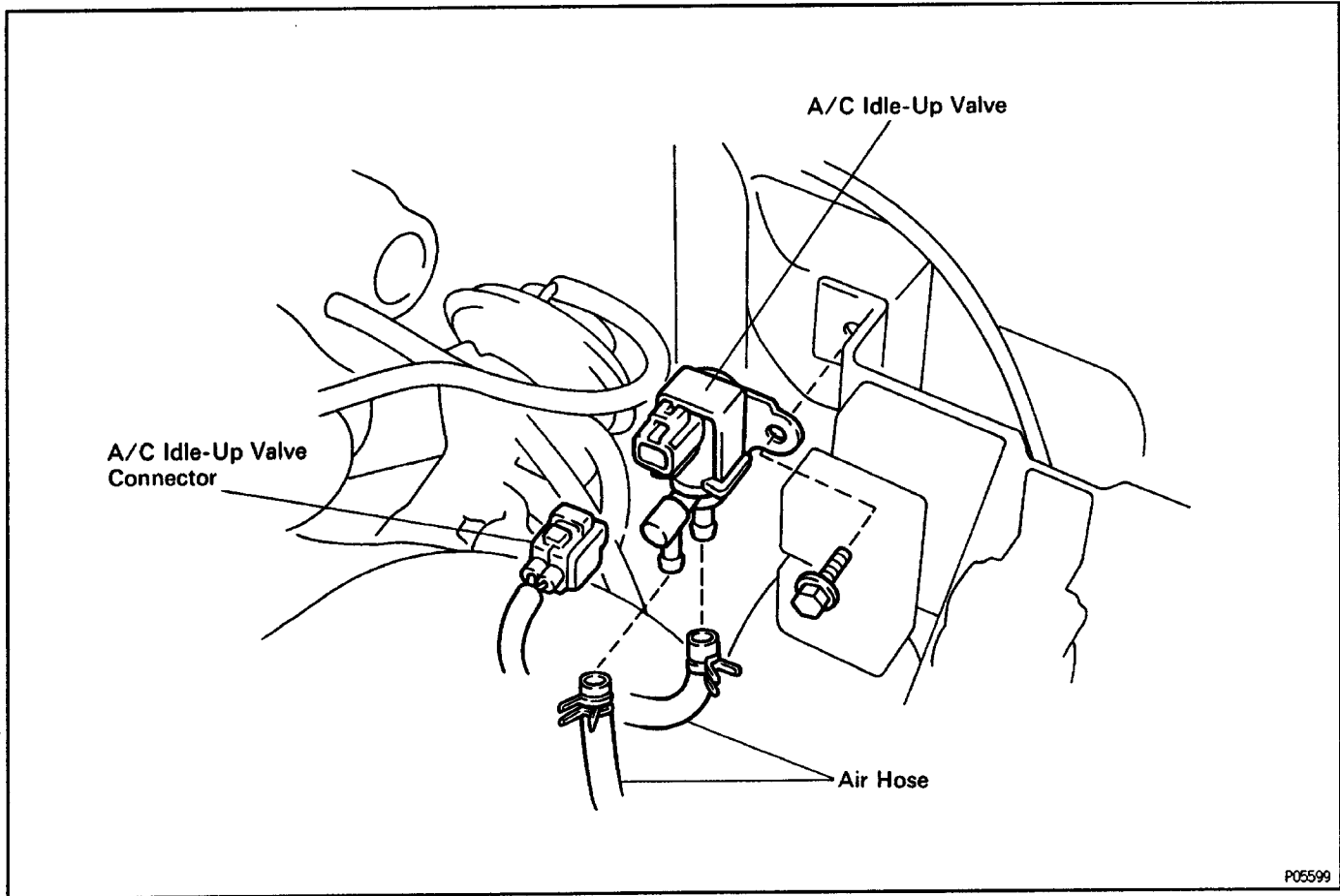


AC IDLE-UP VALVE

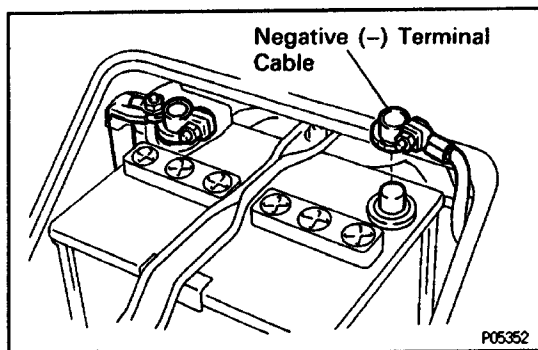
EG02-09



COMPONENTS FOR REMOVAL AND INSTALLATION



P05599



P05352

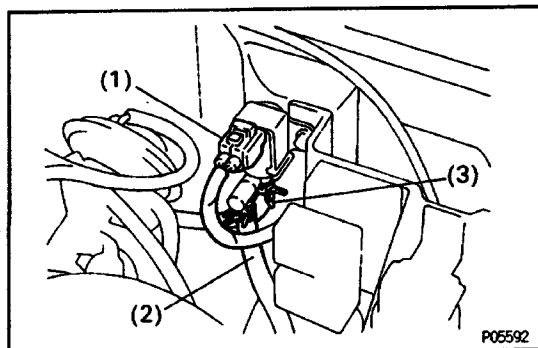
A/C IDLE-UP VALVE INSPECTION

EG025-01

(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.

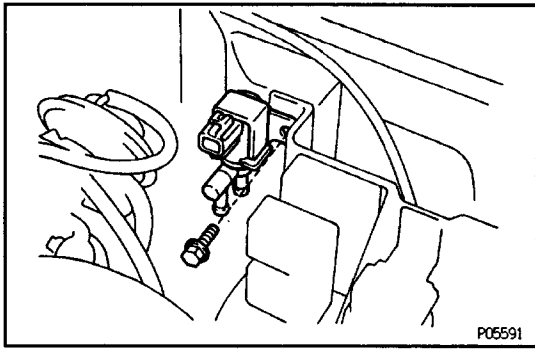


P05592

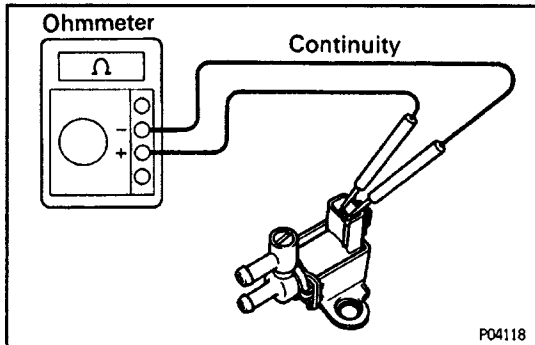
2. REMOVE IDLE-UP VALVE

(a) Disconnect the following connector and hoses:

- (1) Idle-up valve connector
- (2) Air hose (from No. 1 air tube) from port E of idle-up valve
- (3) Air hose (from intake manifold) from port F of idle-up valve



(b) Remove the bolt and idle-up valve.



3. INSPECT IDLE-UP VALVE

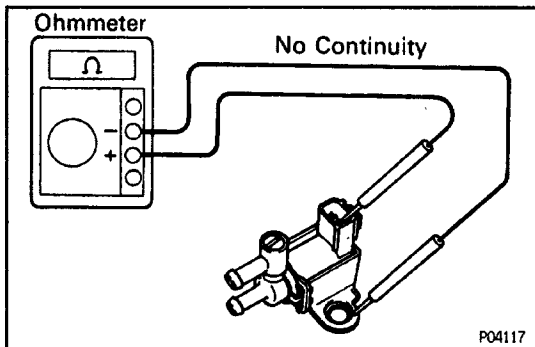
A. Inspect idle-up valve for open circuit

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

Resistance (Cold):

30-34Ω

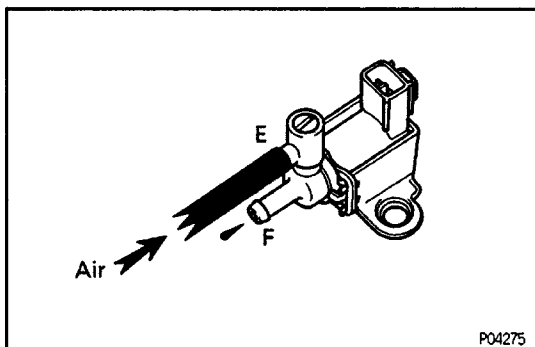
If there is no continuity, replace the idle-up valve.



B. Inspect idle-up valve for ground

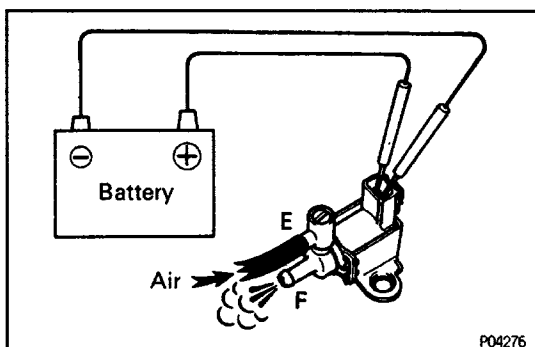
Using an ohmmeter, check that there is no continuity between each terminal and the body.

If there is continuity, replace the idle-up valve.



C. Inspect idle-up valve operation

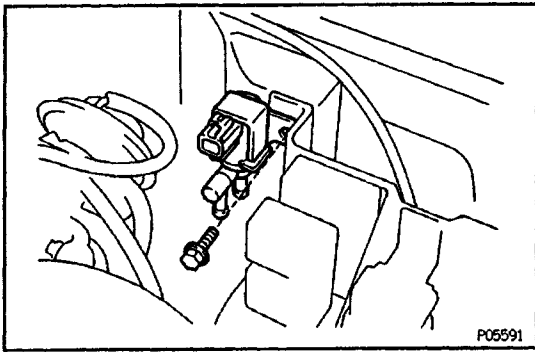
(a) Check that the air does not flow from port E to port F.



(b) Apply battery voltage across the terminals.

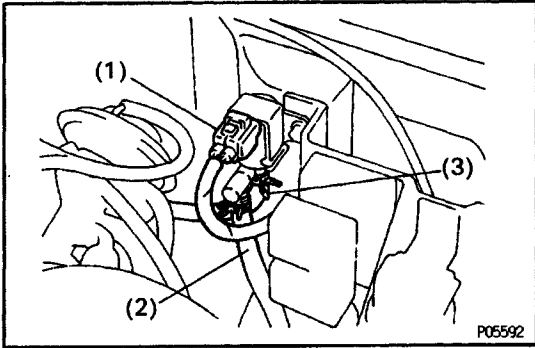
(c) Check that the air flows from port E to port F.

(If operation is not as specified, replace the idle-up valve.)



4. REINSTALL IDLE-UP VALVE

(a) Install the idle-up valve with the bolt.



(b) Connect the following connector and hoses:

- (1) Idle-up valve connector
- (2) Air hose (from No. 1 air tube) to port E of idle-up valve
- (3) Air hose (from intake manifold) to port F of idle-up valve

5. RECONNECT CABLE TO NEGATIVE TERMINAL OF BATTERY