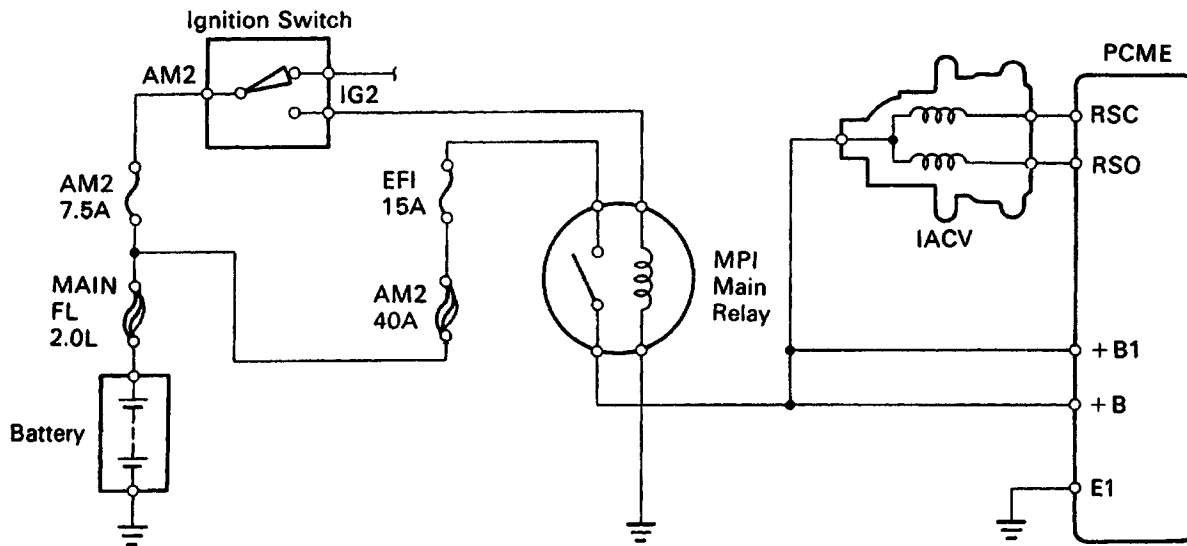
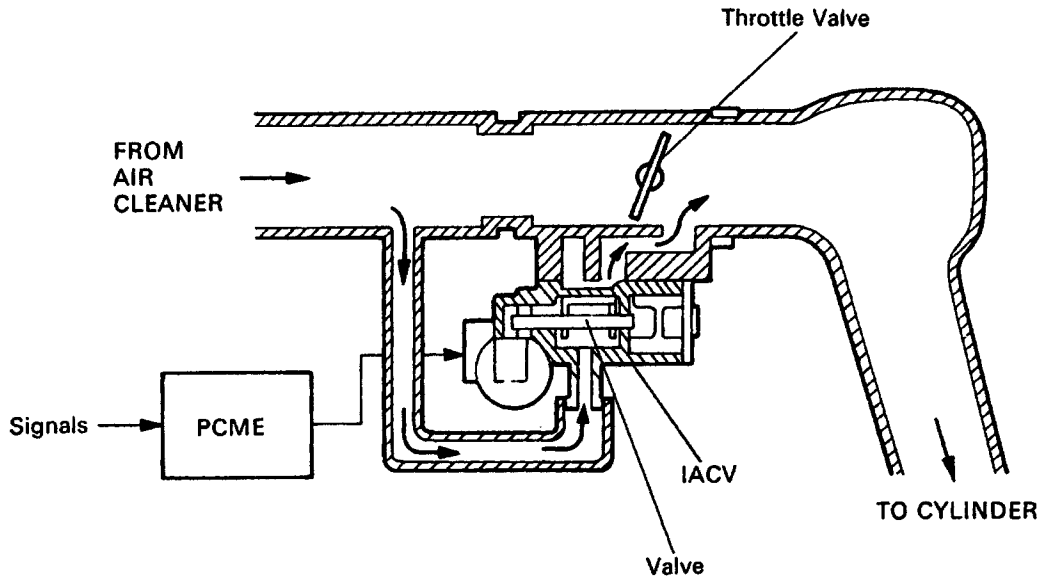


IDLE AIR CONTROL VALVE (IACV)

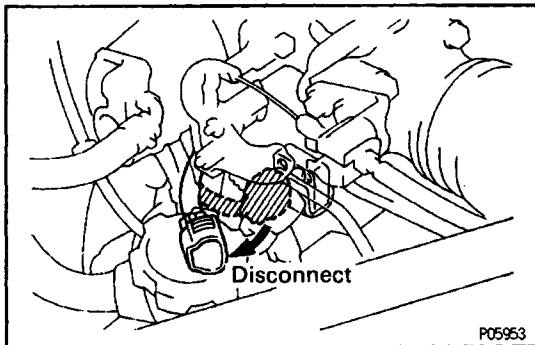
EG00K-02



ON-VEHICLE INSPECTION**1. INSPECT IACV OPERATION**

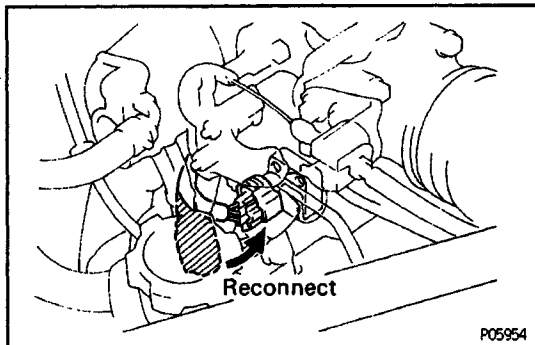
(a) Initial conditions:

- Engine at normal operating temperature
- Idle speed set correctly
- Transmission in neutral position



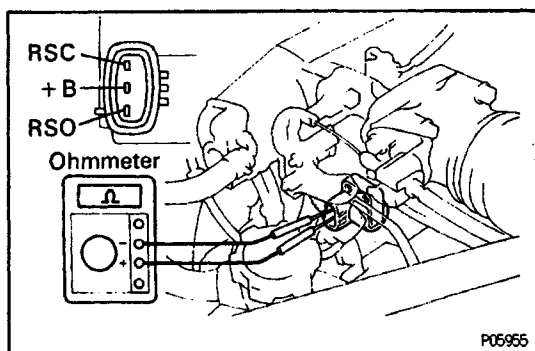
(b) Disconnect the IACV connector.

(c) Check the engine rpm.

Engine rpm:**1,000 rpm or more**

(d) Reconnect the IACV connector.

If the rpm operation is not as specified, check the IACV, wiring and PCME.

**2. INSPECT IACV RESISTANCE**

(a) Disconnect the IACV connector.

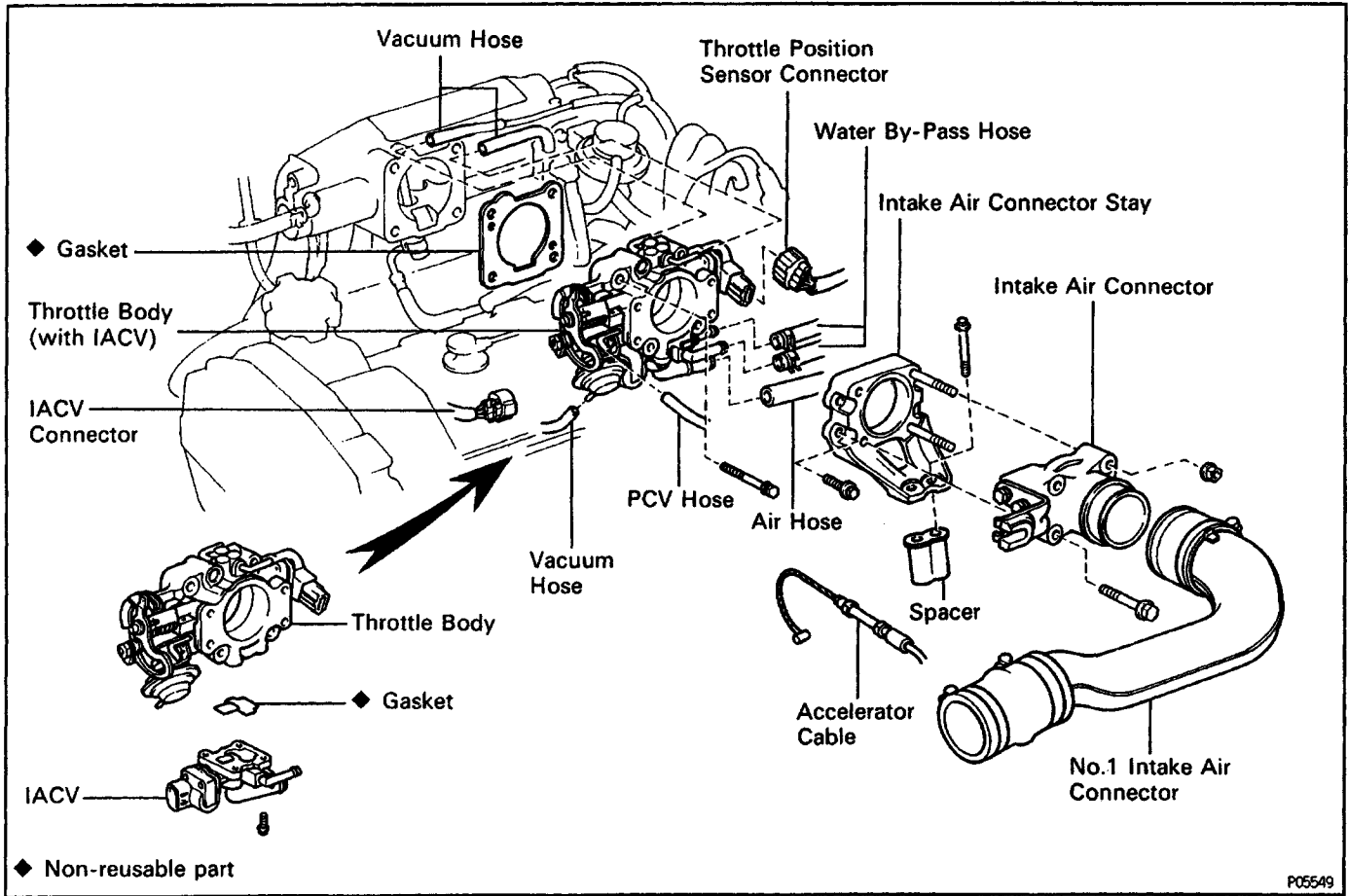
(b) Using an ohmmeter, measure the resistance between terminal +B and other terminals (RSC, RSO).

Resistance: Ω 17.7-23.90**If resistance is not as specified, replace the IACV.**

(c) Reconnect the IACV connector.

EG010-01

COMPONENTS FOR REMOVAL AND INSTALLATION



EG010-01

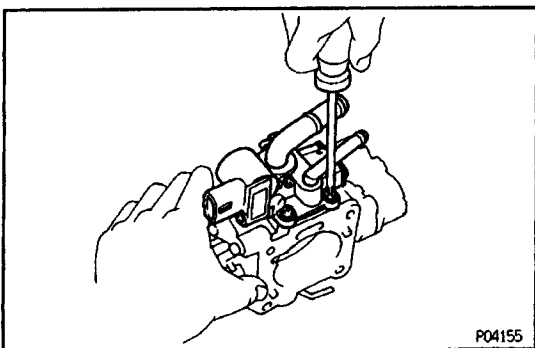
IACV REMOVAL

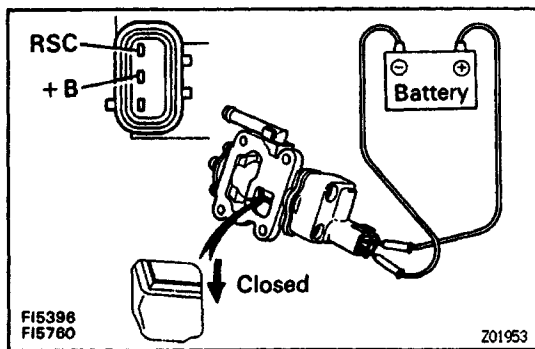
(See Components for Removal and Installation)

1. REMOVE THROTTLE BODY
(See Throttle Body Removal)

2. REMOVE IACV

Remove the four screws, IACV and gasket.

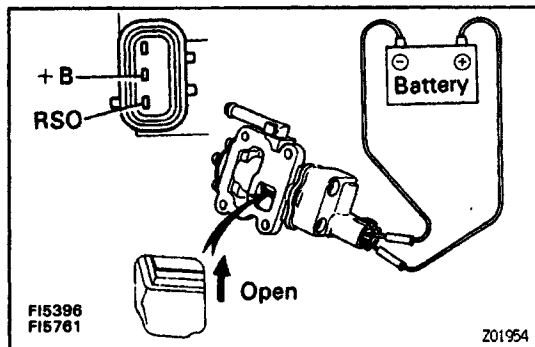




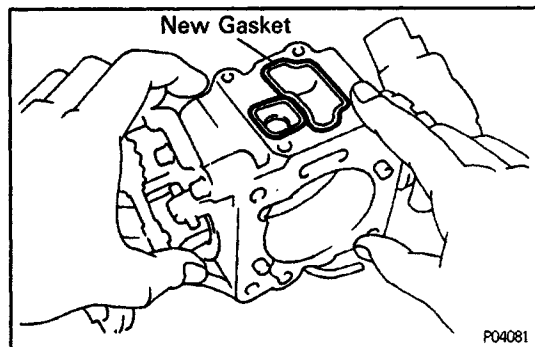
IACV INSPECTION

INSPECT IACV

- (a) Connect the positive (+) lead from the battery to terminal +B and negative (-) lead to terminal RSC, and check that the valve is closed.



- (b) Connect the positive (+) lead from the battery to terminal +B and negative (-) lead to terminal RSO, and check that the valve is open.
If operation is not as specified, replace the IACV.

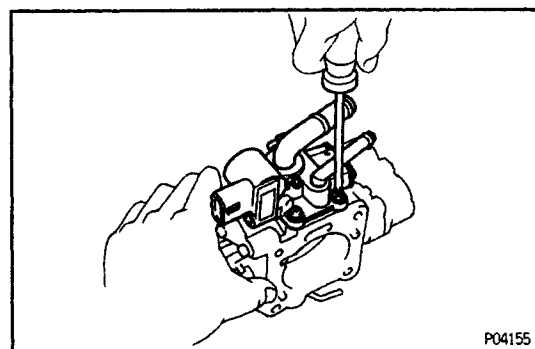


IACV INSTALLATION

(See Components for Removal and Installation)

1. INSTALL IACV

- (a) Place a new gasket on the throttle body.



- (b) Install the IACV with the four screws.

2. INSTALL THROTTLE BODY

(See Throttle Body Installation)