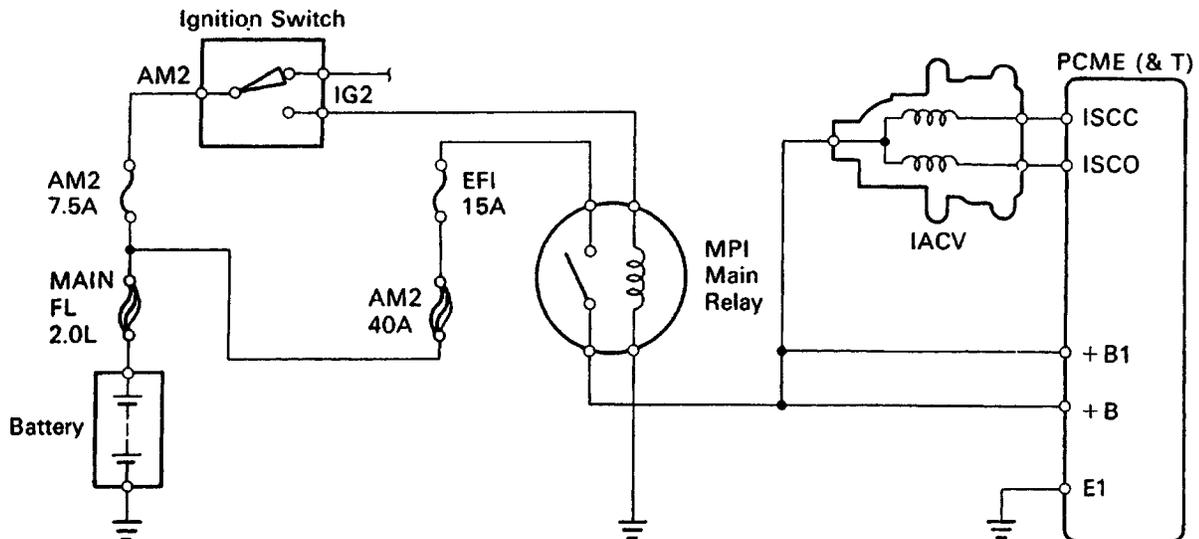
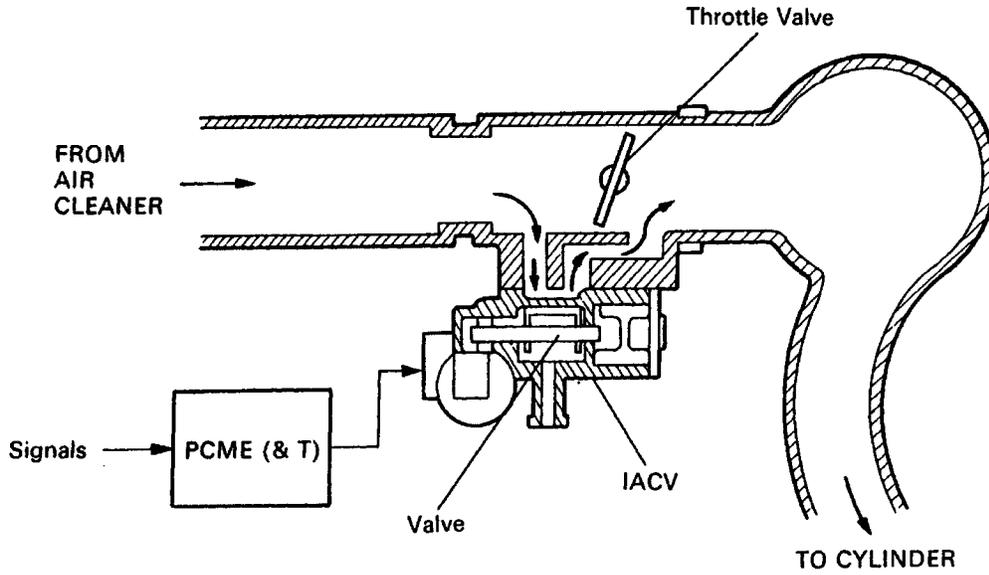


IDLE AIR CONTROL VALVE (IACV)

EG00K-03

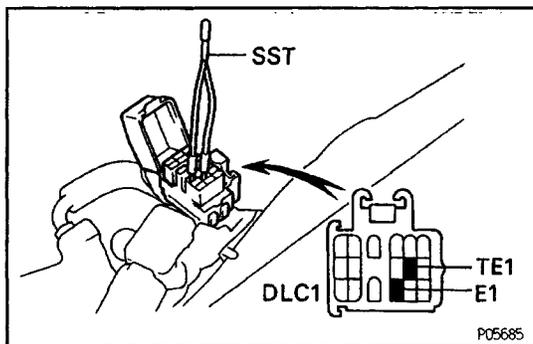


ON-VEHICLE INSPECTION

1. INSPECT IACV OPERATION

(a) Initial conditions:

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

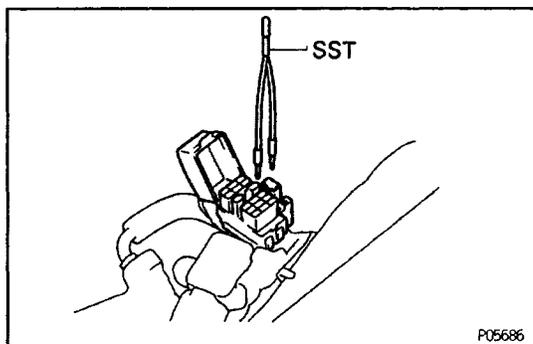


(b) Using SST, connect terminals TE1 and E1 of the data link connector 1.

SST 09843-18020

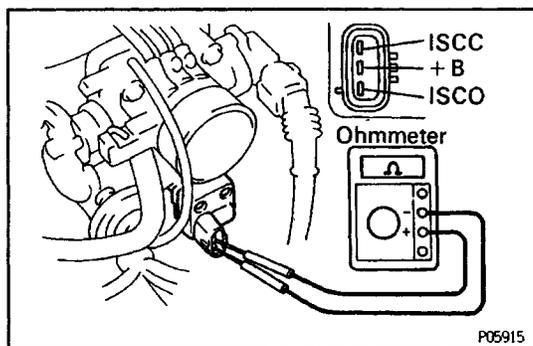
(c) After engine rpm are kept at 900 – 1,300 rpm for 5 seconds, check that they return to idle speed.

If the rpm operation is not as specified, check the IACV, wiring and PCME (& T).



(d) Remove the SST from the data link connector 1.

SST 09843-18020



2. INSPECT IACV RESISTANCE

(a) Disconnect the IACV connector.

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

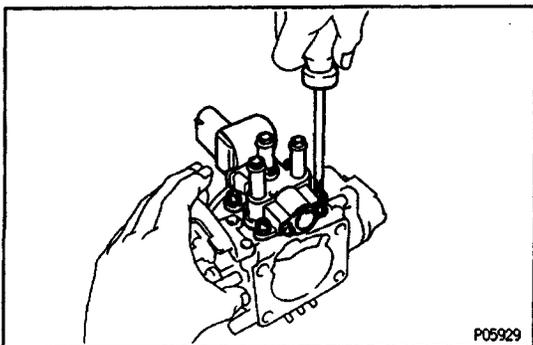
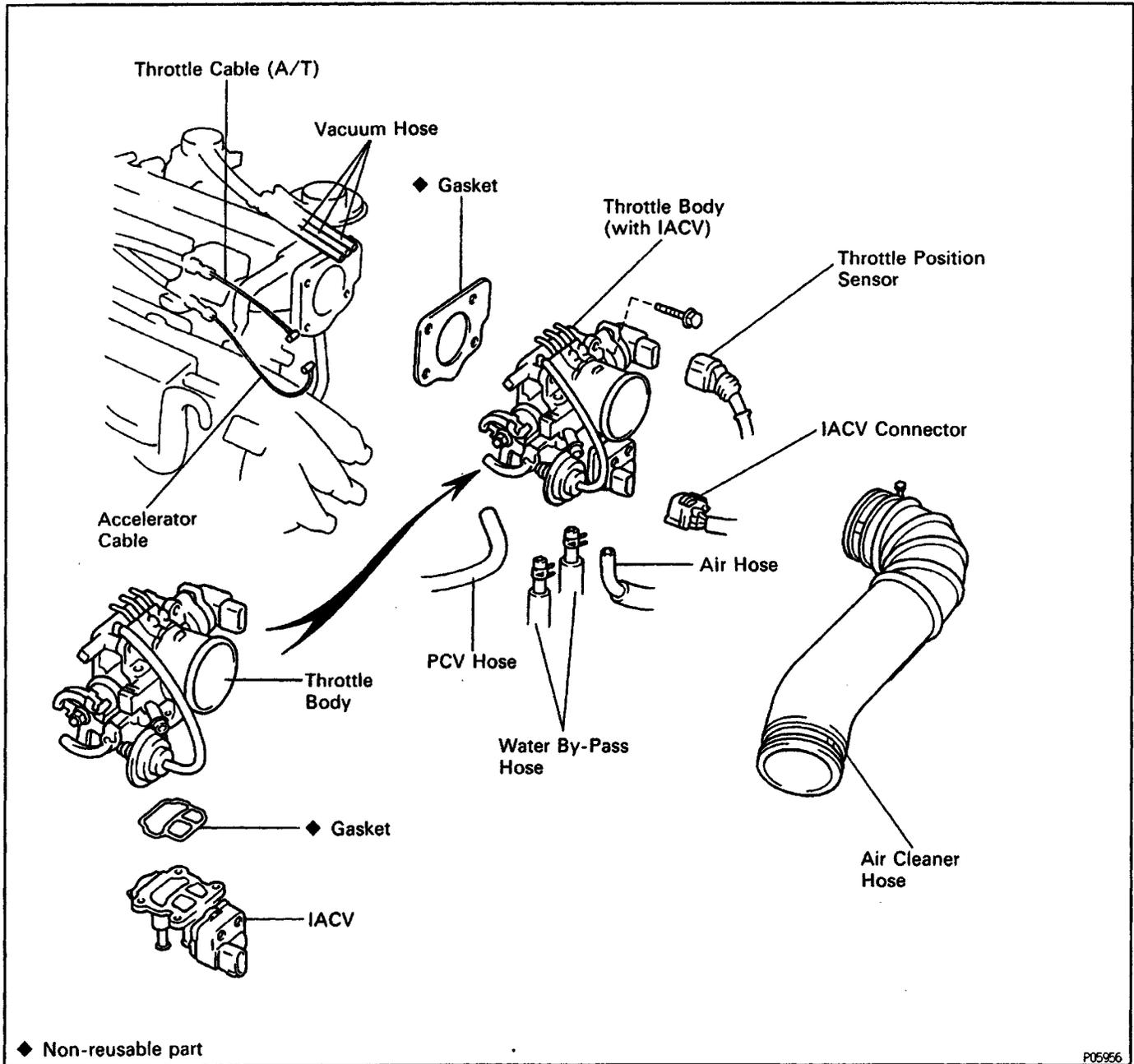
Resistance:

19.3-22-30

If resistance is not as specified, replace the IACV.

(c) Reconnect the IACV connector.

COMPONENTS FOR REMOVAL AND INSTALLATION

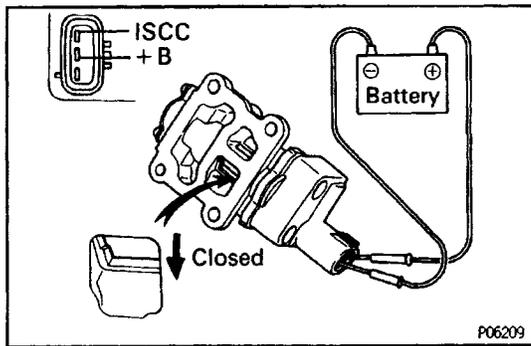


IACV REMOVAL

(See Components for Removal and Installation)

1. REMOVE THROTTLE BODY
(See Throttle Body Removal)
2. REMOVE IACV

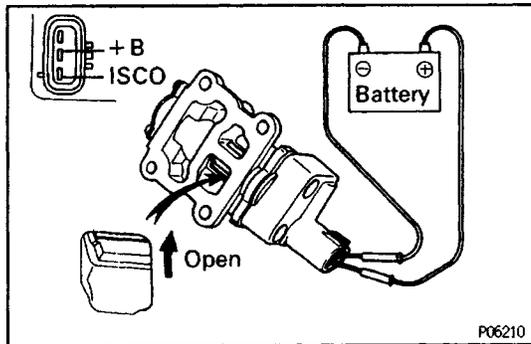
Remove the four screws, IACV and gasket.



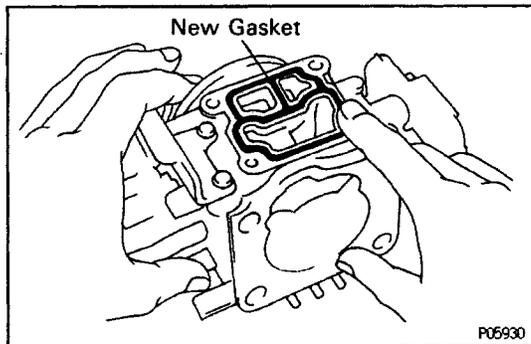
IACV INSPECTION

INSPECT IACV OPERATION

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



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

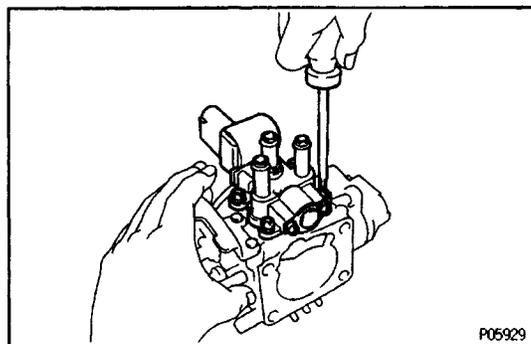


IACV INSTALLATION

(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)