

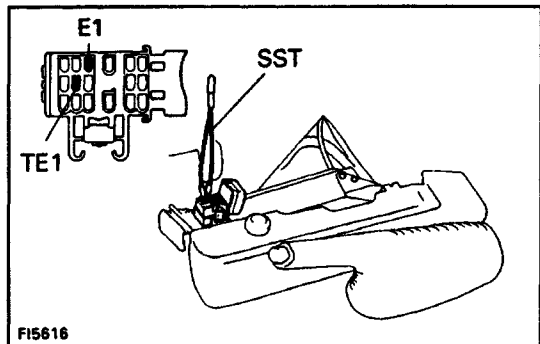
IDLE AIR CONTROL (IAC) VALVE ON-VEHICLE INSPECTION

E024P-01

1. INSPECT IAC VALVE OPERATION

(a) Initial conditions:

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



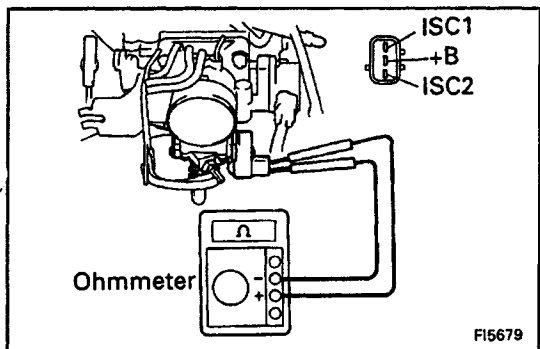
(b) Using SST, connect terminals TE1 and E1 of the DLC1.

SST 09843-18020

(c) After engine rpm are kept at 1,000 - 1,200 rpm for 5 seconds, check that the rpm drops about 200 rpm. If the rpm operation is not as specified, check the IAC valve, wiring and ECM.

(d) Remove SST.

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2. INSPECT IAC VALVE RESISTANCE

(a) Disconnect the IAC valve connector.

(b) Using an ohmmeter, measure the resistance between terminal +B and other terminals (ISC1, ISC2).

Resistance:

18.8-22.8 Ω

If resistance is not as specified, replace the IAC valve.

(c) Reconnect the IAC valve connector.

IAC VALVE REMOVAL

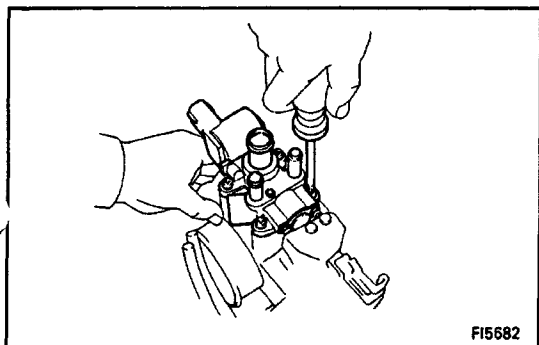
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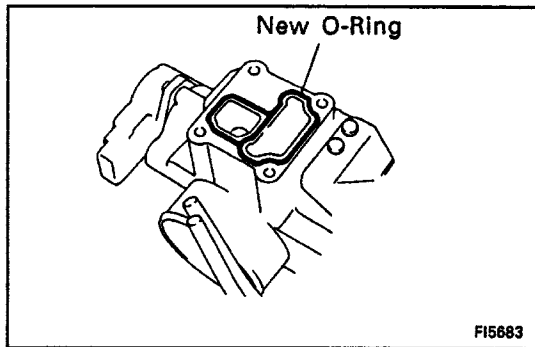
1. REMOVE THROTTLE BODY (See Throttle Body Removal)

2. REMOVE IAC VALVE

(a) Remove the TVV.

(b) Remove the 4 screws, IAC valve and gasket.

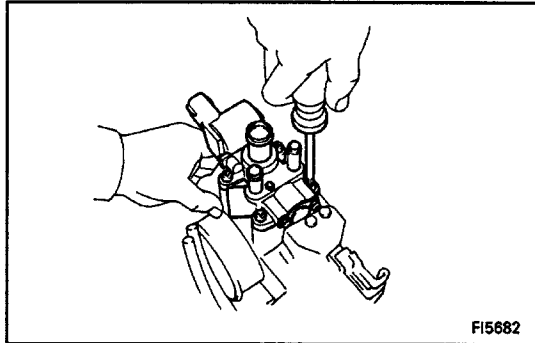




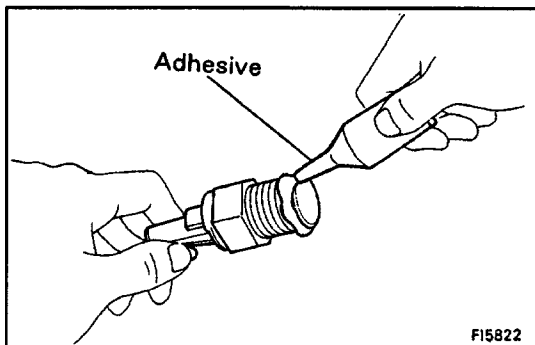
IAC VALVE INSTALLATION

1. INSTALL IAC VALVE

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



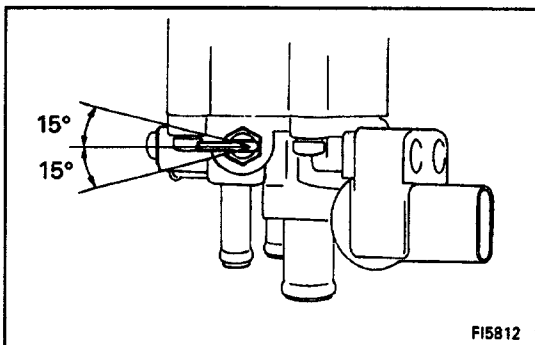
(b) Install the IAC valve with the 4 screws.



(c) Apply adhesive to the threads of the TVV.

Adhesive:

Part No. 08833-00070, THREE BOND 1324 or equivalent



(d) Install the TVV.

First temporarily torque the TVV at 12 N-m (125 kgf-cm, 9 ft-lbf). Then torque the TVV port until it is in the position shown in the illustration.

NOTICE:

- Maximum torque 34 N-m (350 kgf-cm, 25 ft-lbf)
- Do not return the port anti-clockwise in order to align the port as shown in the illustration.

2. INSTALL THROTTLE BODY

(See Throttle Body Installation)