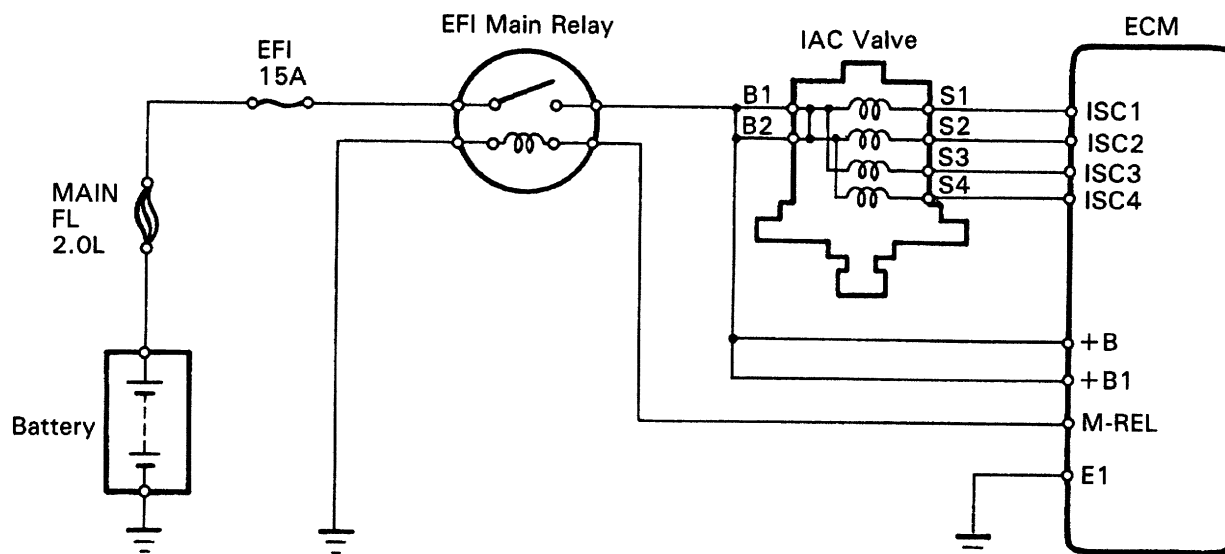
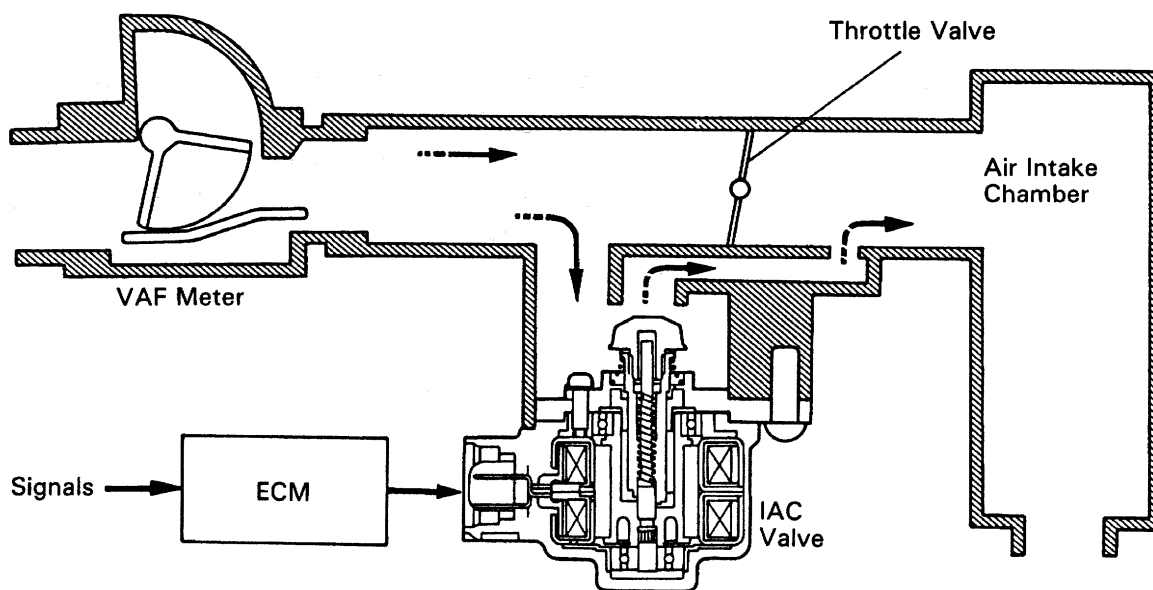
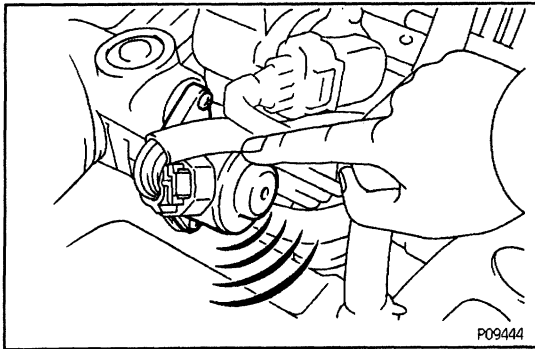


IDLE AIR CONTROL (IAC) VALVE

EG00K-06



EG18L-01

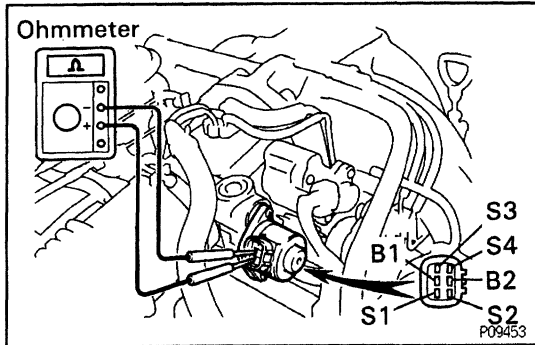


ON-VEHICLE INSPECTION

1. INSPECT IDLE AIR CONTROL VALVE FOR OPERATING SOUND

Check that there is a clicking sound immediately after stopping the engine.

If the operation is not as specified, check the IAC valve, wiring and ECM.



2. INSPECT IDLE AIR CONTROL VALVE RESISTANCE

(a) Disconnect the IAC valve connector.

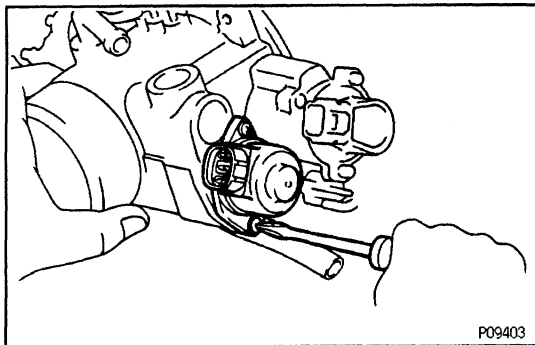
(b) Using an ohmmeter, measure the resistance between the terminals (131 -S1 and S3, B2-S2 and S4).

Resistance:

10-30 Ω at 20°C (68°F)

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

(c) Reconnect the IAC valve connector.



EG18B-06

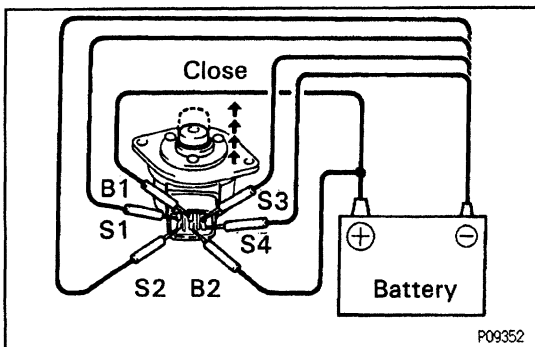
IDLE AIR CONTROL VALVE REMOVAL

1. REMOVE THROTTLE BODY

(See page [EG-284](#))

2. REMOVE IDLE AIR CONTROL VALVE

Remove the 2 screws, IAC valve and O-ring.

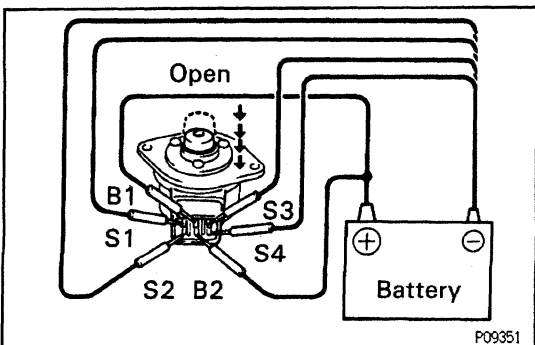


ED1E-01

IDLE AIR CONTROL VALVE INSPECTION

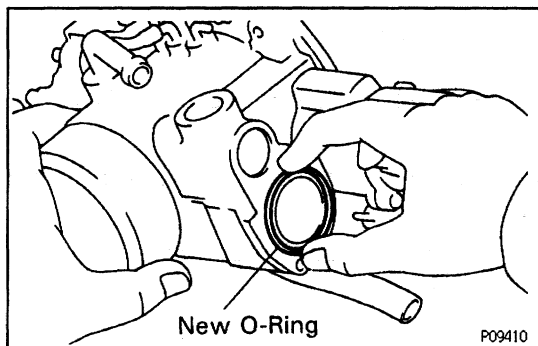
INSPECT IDLE AIR CONTROL VALVE OPERATION

(a) Apply battery voltage to terminals B1 and B2, and while repeatedly grounding S1-S2-S3-S4-S1 in sequence, and check that the valve moves toward the closed position.



(b) Apply battery voltage to terminals B1 and B2, and while repeatedly grounding S4-S3-S2-S1-S4 in sequence, and check that the valve moves toward the open position.

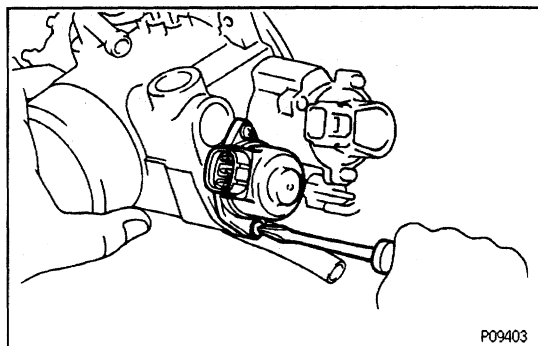
If operation is not as specified, replace the IAC valve.



IDLE AIR CONTROL VALVE INSTALLATION

1. INSTALL IDLE AIR CONTROL VALVE

(a) Place a new O-ring on the throttle body.



(b) Install the IAC valve with the 2 screws.

2. INSTALL THROTTLE BODY

(See page [EG-284](#))