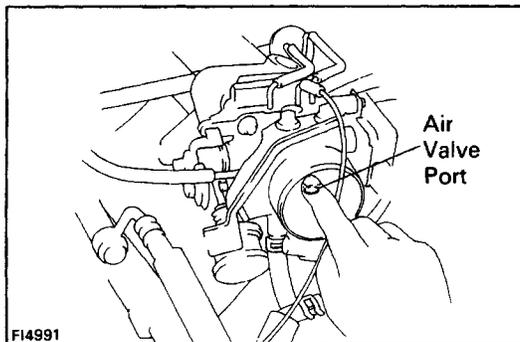
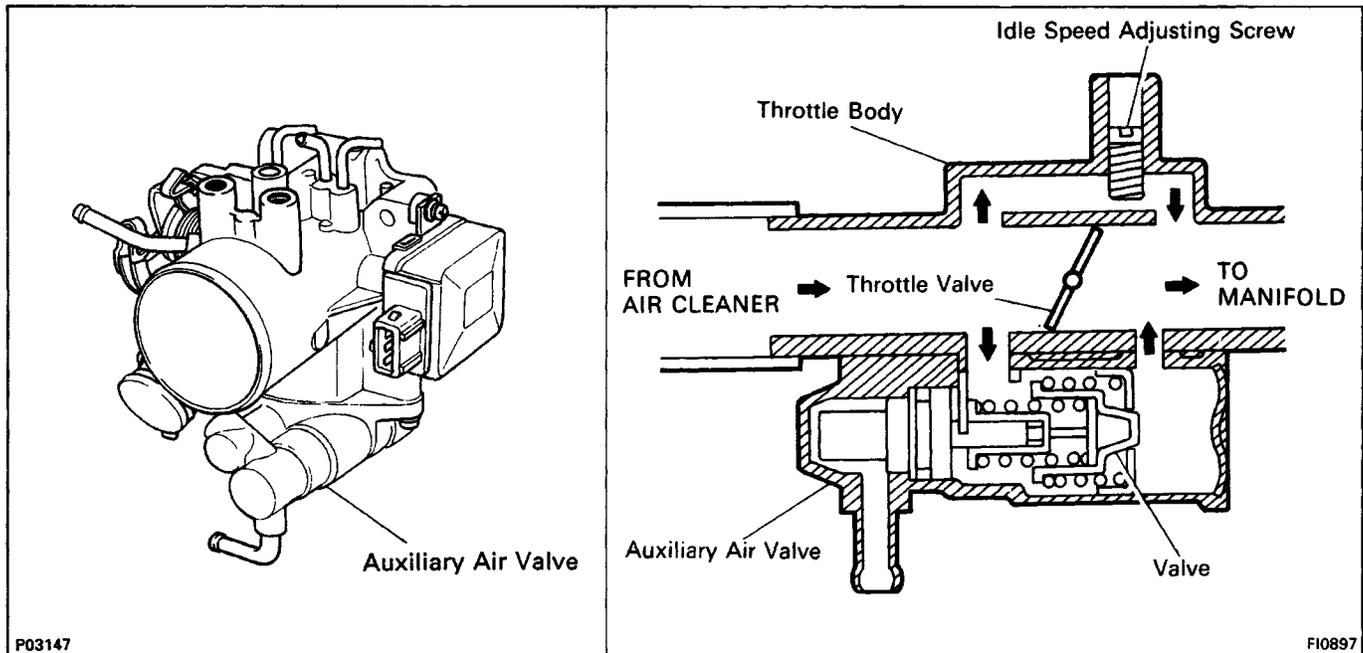


Auxiliary Air Valve (4A-FE)



ON-VEHICLE INSPECTION

1. DISCONNECT AIR CLEANER HOSE FROM THROTTLE BODY

2. INSPECT AIR VALVE OPERATION

Check the engine RPM by closing the air valve port on the throttle body.

At low temp. (Engine coolant temp.: below 80°C (176°F))

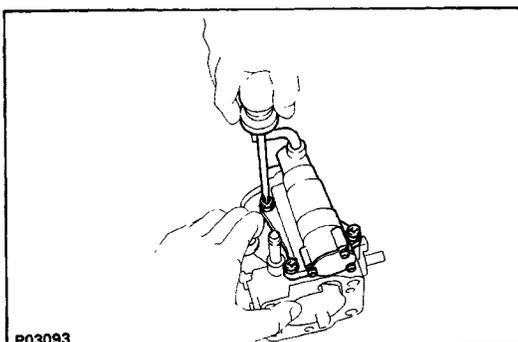
- When the air valve port is closed, the engine RPM should drop.

After warm up

- When the air valve port is closed, engine RPM should not drop more than 50 rpm.

If operation is not as specified, replace the auxiliary air valve.

3. RECONNECT AIR CLEANER HOSE TO THROTTLE BODY



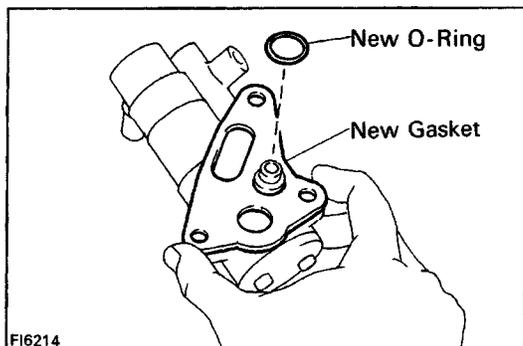
REMOVAL OF AUXILIARY AIR VALVE

1. REMOVE THROTTLE BODY

(See steps 1 to 9 on pages [FI-188](#) and 189)

2. REMOVE AUXILIARY AIR VALVE FROM THROTTLE BODY

Remove the four screws, air valve, gasket and O-ring.

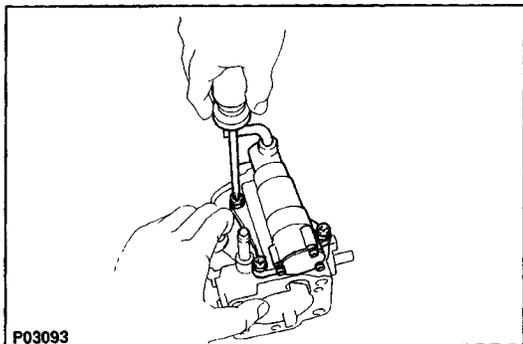


INSTALLATION OF AUXILIARY AIR VALVE

1. INSTALL AUXILIARY AIR VALVE

(a) Place a new gasket and O-ring on the auxiliary air valve.

(b) Install the air valve with the three screws.



2. INSTALL THROTTLE BODY

(See steps 2 to 10 on page [FI-191](#))