



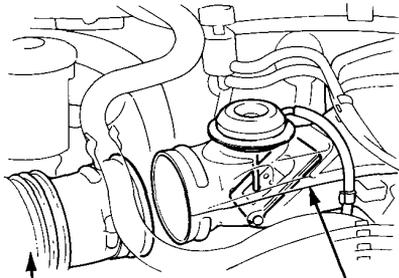
Intake Air Control System

Testing (COLD ENGINE)

NOTE: Intake air temperature must be below 25°C (77°F)

1. Disconnect the air intake duct and start the engine.

The air control door should rise.

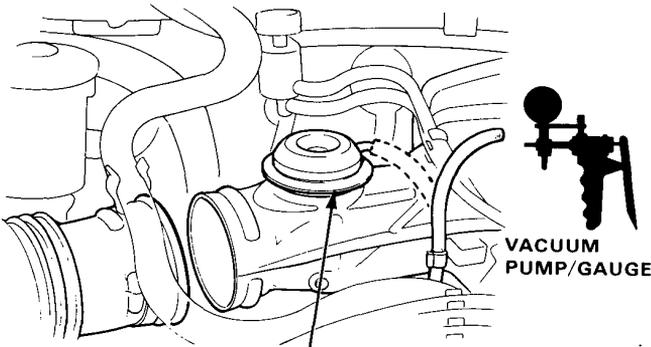


AIR INTAKE DUCT

AIR CONTROL DOOR

- If not, disconnect the vacuum hose from the air control diaphragm, and connect a vacuum pump.

There should be vacuum.



AIR CONTROL DIAPHRAGM

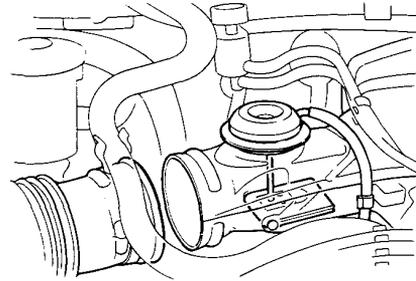
VACUUM PUMP/GAUGE

- If there is vacuum, replace the air control diaphragm and retest.
- If there is no vacuum, check the vacuum hose for proper connection, cracks, blockage or disconnected hose, and replace the air bleed valve.

Testing (HOT ENGINE)

1. Start the engine and warm up to normal operating temperature (the cooling fan comes on).

The air control door should be down.



- If not, disconnect the vacuum hose from the air control diaphragm, and connect a vacuum pump.

There should be no vacuum.

- If there is no vacuum, replace the air control diaphragm and retest.
- If there is vacuum, replace the air bleed valve and retest.