

Carburetor

Slow Air Jet Control System

Troubleshooting Flowchart Air Leak Solenoid Valve

Inspection of Air Leak Solenoid Valve.

Disconnect the #2 vacuum hose from the carburetor and connect a vacuum pump, then cap the carburetor.

Start the engine.

Apply 100 mmHg (4 in. Hg) vacuum to the hose.

Does solenoid valve hold vacuum ?

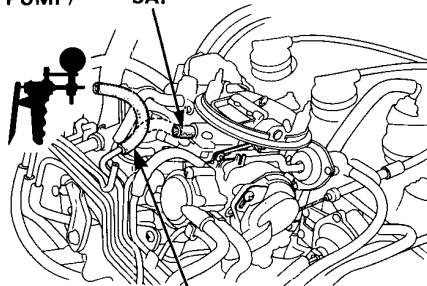
YES

Raise the engine speed to 5,000 min⁻¹ (rpm), then close the throttle suddenly.

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VACUUM PUMP/
GAUGE

CAP



#2 VACUUM HOSE

NOTE: Engine coolant temperature must be below 63°C (145°F).

Turn the ignition switch OFF.

Disconnect the connector on the control box.

Start the engine.

Measure voltage between BLU/YEL (+) terminal and BLK (-) terminal.

Is there battery voltage ?

YES

Replace the solenoid valve.

NO

Measure voltage between BLU/YEL (+) terminal and body ground.

Is there battery voltage ?

YES

Repair open in BLK wire between the solenoid valve and G251.

NO

Check the self-diagnosis indicator (page 6-20). If OK, inspect open in wire between the solenoid valve and control unit (A26).

