



Slow Air Jet Control System

Troubleshooting Flowchart Air Leak Solenoid Valve (KX, KS, KG, KQ)

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.

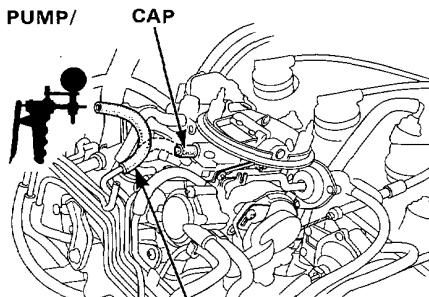
Apply 100 mmHg (4 in.Hg) vacuum to the hose.

Does solenoid valve hold vacuum?

YES

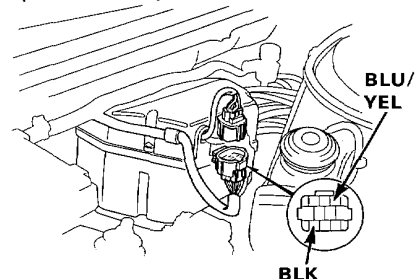
Raise the engine speed to 5,000 min^{-1} (rpm), then close the throttle suddenly.

VACUUM PUMP/
GAUGE



#2 VACUUM HOSE

(KX, KS, KG)



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?

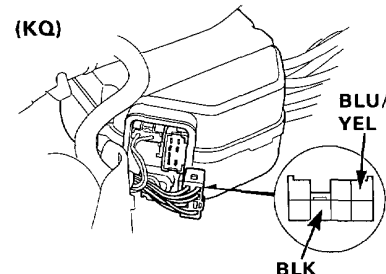
YES

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

NO

Check the self-diagnosis indicator (page 6-22). If OK, inspect open in wire between the solenoid valve and control unit (A26).

(KQ)



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(cont'd)

Carburetor

Slow Air Jet Control System (cont'd)

