

# Carburetor

## Slow Air Jet Control System

[KX, KS, KZ model]

### Troubleshooting Flowchart Air Leak Solenoid Valve

Inspection of Air Leak Solenoid Valve

Remove the air cleaner cover and filter element.

Disconnect the vacuum hose and connect a vacuum pump.

NOTE: Intake air temperature must be below 63°C (145°F).

Start the engine.

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

Does solenoid valve hold vacuum?

NO

Turn the ignition switch OFF.

Disconnect the GRN connector near the air cleaner.

Start the engine.

Measure voltage between GRN (+) and body ground.

Is there battery voltage?

NO

YES

Replace the solenoid valve.

NOTE: If the intake air temperature is below 70°C (158°F), warm the TA sensor with a dryer.

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AIR LEAK SOLENOID VALVE

VACUUM PUMP/GAUGE

GRN

Check the self-diagnosis indicator (page 6-18). If OK, repair open in GRN wire between the solenoid valve and control unit (A12).



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