

# Emission Control System

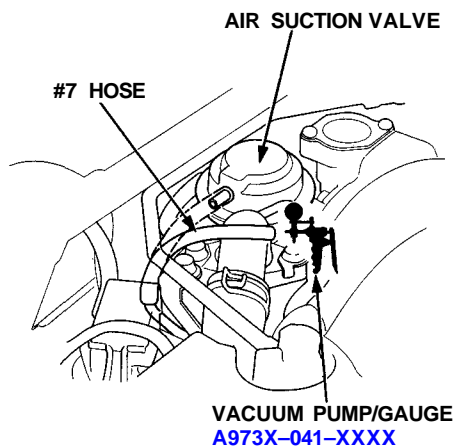
## Air Injection System (cont'd)

### Troubleshooting Flowchart

Inspection of Air Injection System.

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

Disconnect the #7 vacuum hose from the air suction valve and connect a vacuum gauge to the hose.



Is there vacuum?

YES

Disconnect the 6P connector.

Is there vacuum?

YES

Check vacuum hose routing of entire air injection system. If hose routing is OK, replace air suction control solenoid valve.

NO

Inspect GRY wire for a short to body around between ECU (A17) and the 6P connector.  
If wire is OK, substitute a known-good ECU and recheck.  
If symptom goes away, replace the original ECU.

NO

Block rear wheels and set the parking brake. Jack up the front of the car and support with safety stands.

Place the transmission in second or "2."

Check for vacuum during deceleration above 9 mph and 1,500 rpm.

**⚠ WARNING** Block rear wheels before jacking up front of car.

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