

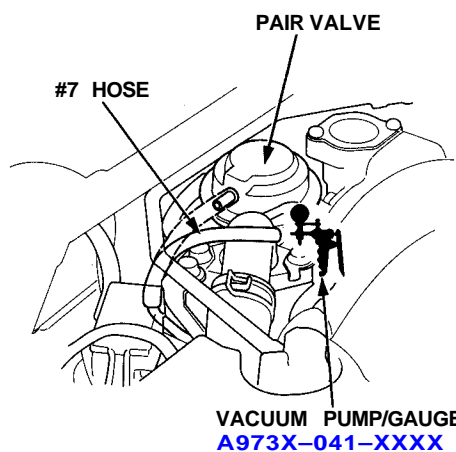


Troubleshooting Flowchart

Inspection of PAIR System.

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

Disconnect the #7 vacuum hose from the PAIR 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 PAIR system. If hose routing is OK, replace PAIR control solenoid valve.

NO

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

NO

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

Place the manual transmission in 2nd gear (A/T: **2** position).

Check for vacuum during deceleration above 9 mph (15 km/h) and 1,500 rpm.

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

(To page 11-160)

(cont'd)

Emission Control System

Pulsed Secondary Air Injection (PAIR) System (cont'd)

(From page 11-159)

