

PGM-CARB Control System [KX, KS, KZ]

Troubleshooting Flow Chart — MAP Sensor (cont'd)



LED indicates CODE 5.

Turn the ignition switch OFF.

Remove EFI, ECU fuse in the under-hood relay box for 10 seconds to reset control unit

Start engine and keep engine speed at idle.

LED indicate CODE 5 ?

NO Intermittent failure (test drive may be necessary.)

YES

Stop engine.

Remove #2 hose from the vacuum hose manifold and connect a T. fitting from a vacuum gauge between the vacuum hose manifold and the MAP sensor.

Start engine.

Is there vacuum ?

NO Repair as necessary.

YES

Connect a vacuum pump to #2 hose and apply vacuum.

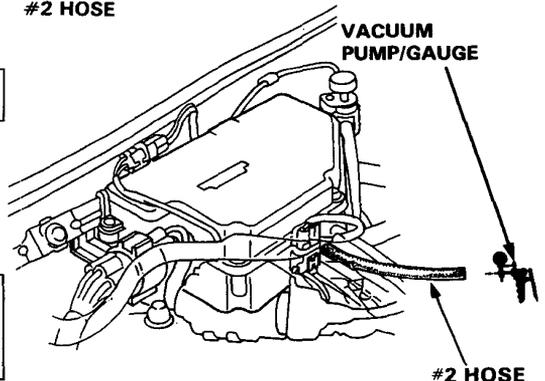
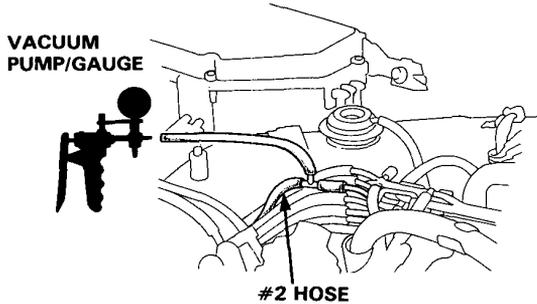
Does it hold vacuum ?

NO Connect a vacuum pump directly to the MAP sensor and apply vacuum.

Does it hold vacuum? NO Replace MAP sensor.

YES

Replace #2 hose.



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Stop engine.

Connect the inspection adaptor between the MAP sensor and wire harness.

Turn the ignition switch ON.

Measure voltage between WHT (+) terminal and GRN (-) terminal.

Is there approx. 3V ?

NO

Replace MAP sensor.

YES

Substitute a known-good control unit and recheck. If symptom/indication goes away, replace the original control unit.

