

# 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.

YES

Does it hold vacuum?

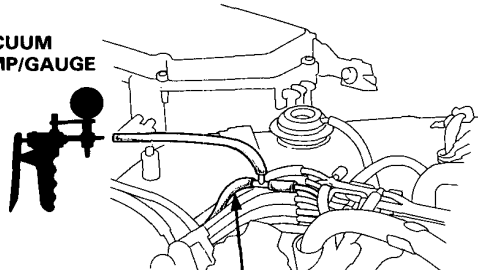
NO

Replace MAP sensor.

YES

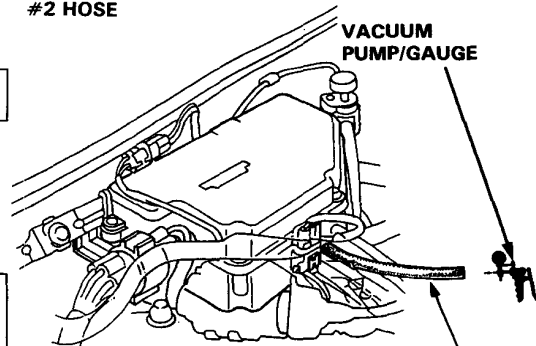
Replace #2 hose.

VACUUM  
PUMP/GAUGE



#2 HOSE

VACUUM  
PUMP/GAUGE



#2 HOSE

(To page 6-49)



(From page 6-48)

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.

