

PGM-FI Control System

Troubleshooting Flowchart — PA Sensor



Self-diagnosis LED indicator blinks thirteen times: A problem in the Atmospheric Pressure (PA) Sensor circuit.



- Check Engine warning light is on.
- LED indicates CODE 13.

Turn the ignition switch OFF.

Remove HAZARD fuse in the main fuse box for 10 seconds to reset ECU.

Turn the ignition switch ON.

Is Check Engine warning light on and does LED indicate CODE 13?

NO

Intermittent failure, system is OK at this time (test drive may be necessary). Check for poor connections or loose wires at the PA sensor.

YES

Turn the ignition switch OFF.

Disconnect the main wire harness from PA sensor.

Measure voltage between YEL/WHT (+) terminal and body ground.

Is there approx. 5V?

YES

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

NO

Repair open in YEL/WHT wire between ECU (C13) and the sensor.
If wire is OK, substitute a known-good ECU and recheck. If prescribed voltage is now available replace the original ECU.

Is there approx. 5V?

NO

Repair open or short in GRN/WHT wire between ECU (C12) and the sensor.
If wire is OK, substitute a known-good ECU and recheck. If prescribed voltage is now available, replace the original ECU.

YES

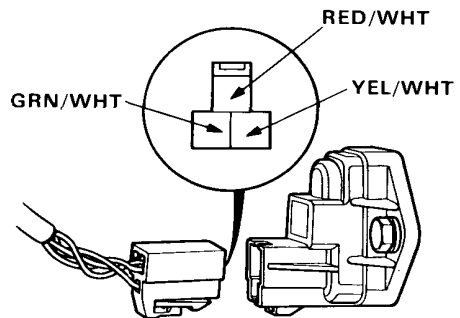
Measure voltage between RED/WHT (+) terminal and GRN/WHT (-) terminal.

Is there approx. 5V?

NO

Repair open or short in RED/WHT wire between ECU (C9) and PA sensor.
If wire is OK, substitute a known-good ECU and recheck. If prescribed voltage is now available, replace the original ECU.

YES



(To page 6-45)



(From page 6-44)

