



(From page 6-178)

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

Is there approx. 5V ?

NO

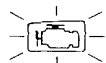
Repair open in GRN/WHT wire
between ECU (D22) and TA sen-
sor.

YES

Substitute a known-good ECU
and recheck. If symptom/indica-
tion goes away, replace the orig-
inal ECU.

PGM-FI Control System

Troubleshooting Flow Chart — IMA Sensor (Without CATA)



Self-diagnosis LED indicates code 11: Most likely a problem in the IMA Sensor circuit.

— Check Engine warning light has been reported on.
— LED indicates CODE 11

Turn the ignition switch OFF.

Remove BACK UP fuse in the under-hood relay box for 10 seconds to reset ECU.

Turn the ignition switch ON.

Is check Engine warning light on ? and does LED indicate CODE 11 ?

NO

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

YES

Turn the ignition switch OFF.

Disconnect the 3P connector from the IMA sensor.

Measure resistance between A terminal and C terminal on IMA sensor harness.

Is there 4—6 k Ω ?

NO

Replace IMA sensor.

YES

Measure resistance between A and B terminals and between C and B terminals.

Does the sum of the two resistance checks equal 4—6 k Ω ?

NO

Replace IMA sensor.

YES

Turn the ignition switch ON.

Measure voltage between YEL/WHT (+) terminal and GRN/WHT (—) terminal on the wire harness.

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