

PGM-FI Control System

Troubleshooting Flow Chat — Ignition Timing Adjuster



Self-diagnosis Red LED indicator blinks eighteen times: A problem in the Ignition Timing Adjuster circuit.

- Check engine warning light is on.
- Red LED indicates CODE 18.

Turn the ignition switch OFF.

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

Turn the ignition switch ON.

Is Check engine warning light on?

NO

Intermittent failure
(test drive may be necessary.)

YES

Turn the ignition switch OFF.

Disconnect the 4P connector on the right side of the firewall that has only 3 wires.

Measure resistance between YEL/WHT terminal and GRN/WHT terminal on Ignition timing adjuster harness.

Is there 3—6 k Ω ?

NO

Replace Ignition timing adjuster.

YES

Measure resistance between YEL/WHT terminal and BRN terminals and between GRN/WHT and BRN terminals.

Does the sum of the two resistance checks equal 3.5—6.5 k Ω ?

NO

Replace Ignition timing adjuster.

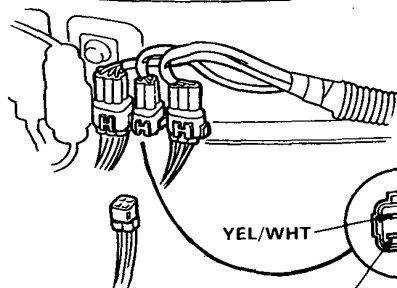
YES

Turn the ignition switch ON.

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

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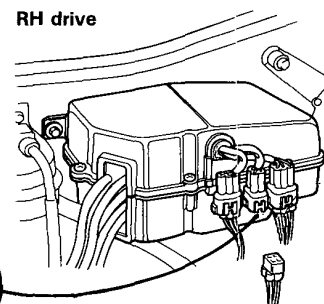
LH drive



YEL/WHT

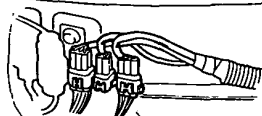
GRN/WHT

RH drive



BRN

LH drive



YEL/WHT

GRN/WHT

BRN

RH drive

