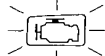


PGM-FI Control System

Troubleshooting Flow Chart — TW Sensor



Self-diagnosis Red LED indicator blinks six times: Most likely a problem in the Coolant Temperature (TW) Sensor circuit.

- Check engine warning light has been
- Red LED indicates CODE 6.

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

Warm up engine to normal operating temperature (cooling fan comes on).

LH drive: Disconnect the C-103 and C-303 connectors, then disconnect C-102 and C-305 connectors.
RH drive: Disconnect the 6P connector between the relay box and battery.

LH drive: Measure resistance between RED/WHT at C-103 connector and GRN/WHT at C-102 connector.
RH drive: Measure resistance between RED/WHT and GRN/WHT.

Is there 200—400 Ω

NO

YES

LH drive: Measure voltage between RED/WHT (+) terminal at C-303 connector and body ground.
RH drive: Measure voltage between RED/WHT (+) terminal at engine room wire harness and body ground.

(To page 6-41)

LH drive

C-103 CONNECTOR

C-102 CONNECTOR

RED/WHT

GRN/WHT

C-305 CONNECTOR

GRN/WHT

RED/WHT

C-303 CONNECTOR

RH drive

RED/WHT

GRN/WHT

RED/WHT (+)

GRN/WHT (-)

LH drive: Inspect open or short in RED/WHT wire between TW sensor and C-103 connector or GRN/WHT wire between TW sensor and C-102 connector. If wires are OK, replace TW sensor.
RH drive: Inspect open or short in RED/WHT wire between TW sensor and 6P connector or GRN/WHT wire between TW sensor and 6P connector. If wires are OK, replace TW sensor.

