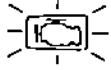


PGM-FI Control System

Troubleshooting Flowchart — TW Sensor



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



- Check Engine warning light is on.
- LED indicates CODE 6.

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 6?

NO

Intermittent failure, system is OK at this time (test drive may be necessary).
Check for poor connections or loose wires at TW sensor, C210 and C212 (round connector and square connector located at the right shock tower).

YES

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

Turn the ignition switch OFF.

Disconnect the 2P connector from the TW sensor.

Measure resistance between the 2 terminals on the TW sensor.

Is there 200—400 Ω ?

NO

Replace TW sensor.

YES

Turn the ignition switch ON.

(To page 6-35)



(From page 6-34)

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

Is there approx. 5V ?

NO

Repair open or short in RED/WHT wire between ECU (C6) and TW sensor. If wire is OK, substitute a known-good ECU and recheck. If prescribed voltage is now available, replace original ECU.

YES

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

Is there approx. 5V ?

NO

Repair open in GRN, GRN/WHT wire between ECU (C12) and TW sensor.

YES

Substitute a known-good ECU and recheck. If symptom/indication goes away, replace the original ECU.

