

# PGM-FI Control System

## Troubleshooting Flow Chart — Throttle Angle Sensor



Self-diagnosis Red LED indicator blinks seven times: Most likely a problem in the Throttle Angle Sensor circuit.

- Engine is running
- Check engine warning light is on.
- Red LED indicates CODE 7

Turn the ignition switch OFF.

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

Start engine.

Is Check engine warning light on?

NO

Intermittent failure.  
(test drive may be necessary.)

YES

Turn the ignition switch OFF.

Connect the test harness between the throttle angle sensor and engine wire harness.

Turn the ignition switch ON.

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

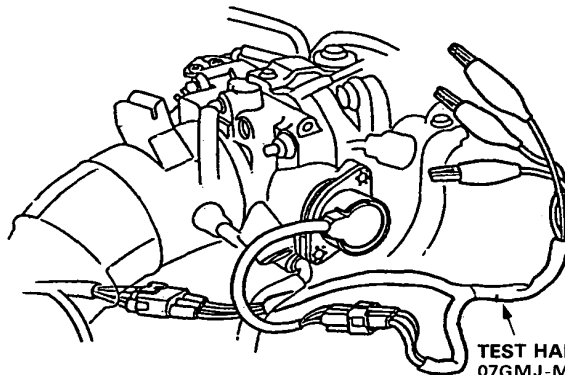
Is there approx. 5V?

NO

YES

Measure voltage between WHT (+) terminal and GRN (-) terminal at fully open throttle.

(To page 6-43)



TEST HARNESS  
07GMJ-ML80100

Measure voltage between RED (+) terminal and body ground.

Is there approx. 5V?

YES

Repair open in GRN/  
WHT wire between  
ECU (C14) and throttle  
angle sensor.

NO

Turn the ignition switch OFF.

Connect the PGM-FI test harness between the ECU and connector (page 6-23).

(To page 6-43)

