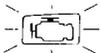
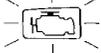


PGM-FI Control System

Troubleshooting Flowchart — MAP Sensor



Self-diagnosis LED indicator blinks three times: Most likely an electrical problem in the Manifold Absolute Pressure (MAP) Sensor system.



Self-diagnosis LED indicator blinks five times: Most likely a mechanical problem (broken hose) in the Manifold Absolute Pressure (MAP) Sensor system.



- Engine is warm and running.
- Check Engine warning light is on.
- LED indicates CODE 3.

Turn the ignition switch OFF.

Remove HAZARD fuse in the main fuse box for 10 seconds to reset ECU.

Start the engine and allow to idle.

Is Check Engine warning light on?
Does LED indicate CODE 3?

NO

Intermittent failure
(test drive may be necessary).

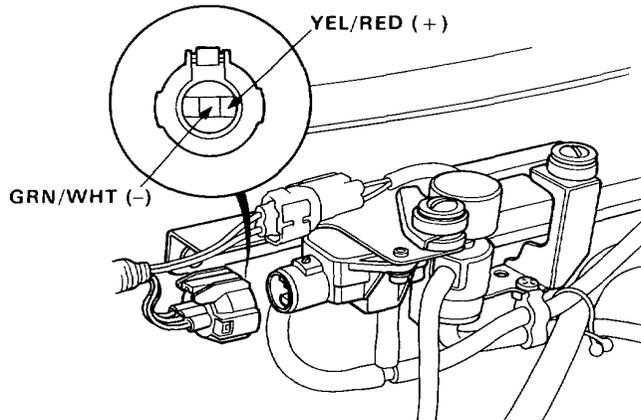
YES

Turn the ignition switch OFF.

Disconnect the 3P connector from the MAP sensor.

Turn the ignition switch ON.

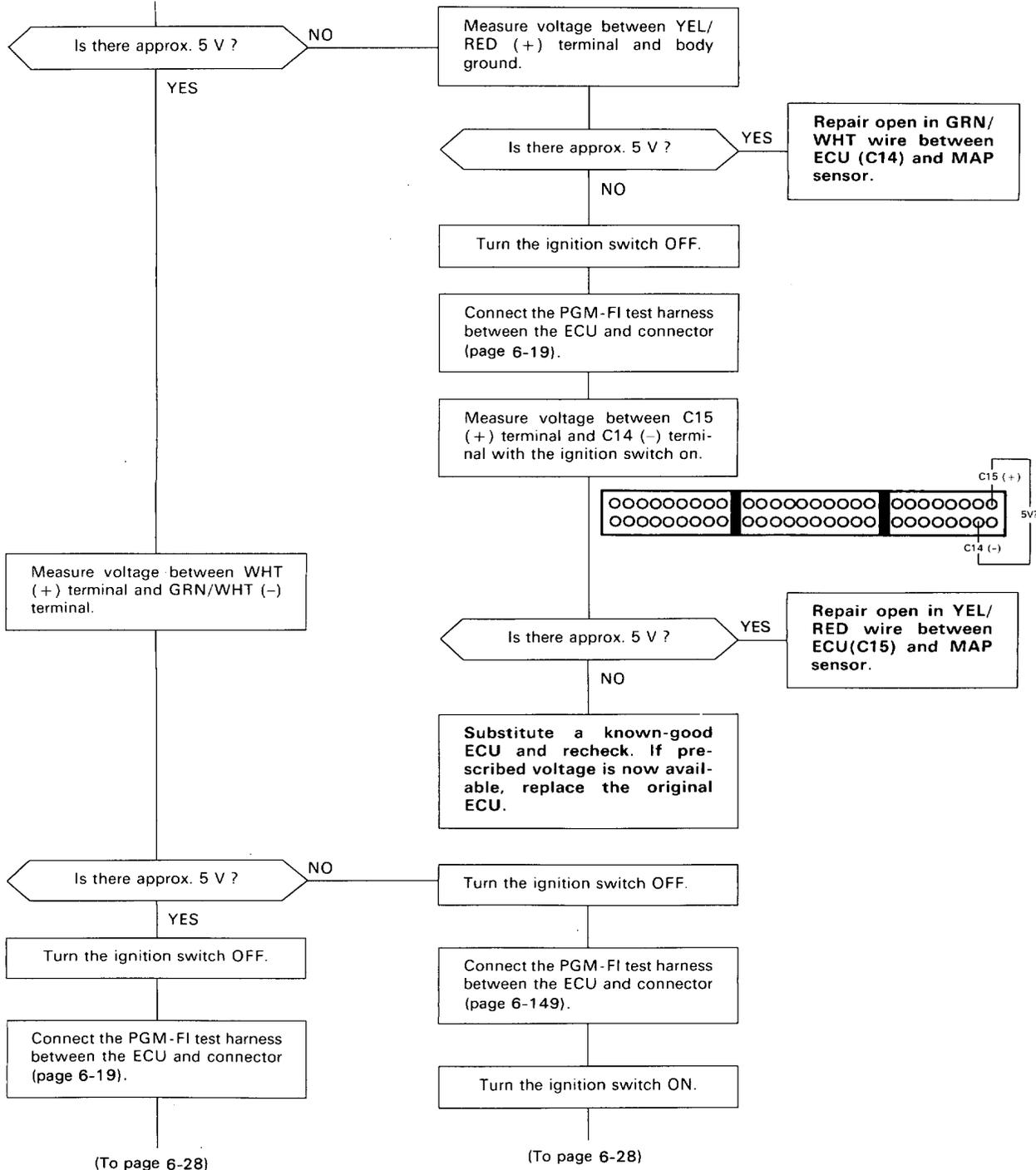
Measure voltage between YEL/
RED (+) terminal and GRN/
WHT (-) terminal.



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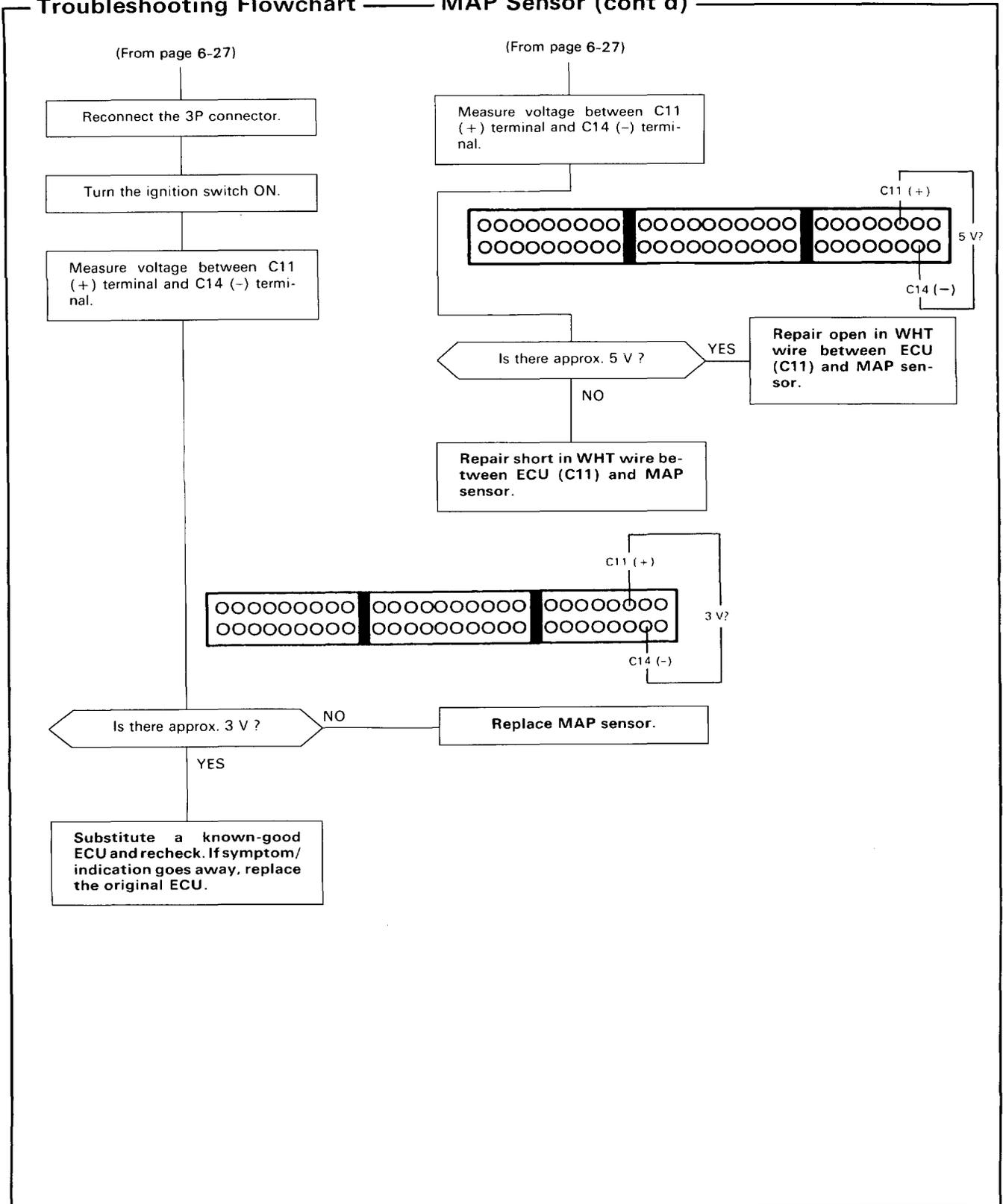
(From page 6-26)



(cont'd)

PGM-FI Control System

Troubleshooting Flowchart — MAP Sensor (cont'd)





PGM-FI Control System

Troubleshooting Flowchart — MAP Sensor (cont'd)



- Check Engine warning light has been reported on.
- LED indicates CODE 5.

Turn the ignition switch OFF.

Remove HAZARD fuse in the main fuse box for 10 seconds to reset ECU.

Start the engine.

Is Check Engine warning light on?
Does LED indicate CODE 5?

NO

- Make sure all connectors are secure.
- Check vacuum hoses, pipes, and connections.
- Intermittent failure (test drive may be necessary).

YES

Stop engine.

Connect vacuum pump to #21 hose and apply vacuum.

Does it hold vacuum?

NO

Connect a vacuum pump to the MAP sensor and apply vacuum.

Does it hold vacuum?

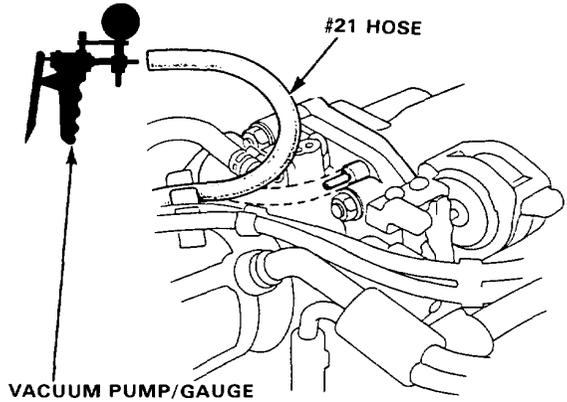
NO

Replace MAP sensor.

YES

Disconnect #21 hose from the throttle body and connect a T-fitting from a vacuum gauge between the throttle body and MAP sensor.

Replace #21 hose.



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(From page 6-30)

