

P0606-INTERNAL CONTROL PROCESSOR

Theory of Operation

This fault code is triggered when the internal Powertrain Control Module (PCM) diagnostics detect a read or write error internal to the module. The PCM illuminates the MIL light immediately when the diagnostic runs and fails. The PCM will turn off the MIL light immediately after the diagnostic runs and passes. This fault code can only be caused by an internal PCM problem and may prevent the engine from starting.

- **When Monitored:**

With ignition on.

- **Set Condition:**

Powertrain Control Module has detected internal failures.

Possible Causes
ENGINE OR FUEL MODIFICATIONS THAT EXCEED OEM SPECIFICATIONS
POWERTRAIN CONTROL MODULE (PCM)

Always perform the Pre-Diagnostic Troubleshooting procedure before proceeding. (Refer to 28 - DTC-Based Diagnostics/MODULE, Powertrain Control (PCM) - Standard Procedure).

POWERTRAIN CONTROL MODULE

1. Turn the ignition off.
2. Verify all chassis grounds are properly connected. Perform the CHECKING ECM POWERS AND GROUNDS diagnostic procedure. (Refer to 29 - Non-DTC Diagnostics/Drivability - Diesel - Diagnosis and Testing).
3. Turn ignition on, engine not running.
4. With the scan tool, read DTCs.

Is P0606 stored?

Yes • Repair complete.

No • Replace and program the Powertrain Control Module in accordance with the Service Information. (Refer to 28 - DTC-Based Diagnostics/MODULE, Powertrain Control (PCM) - Standard Procedure).