

SERIAL NUMBER FOR A REPLACEMENT PCM

The engine serial number on a replacement PCM is blank and requires programming. Manual data entry is required. If the old PCM is capable of communicating, the engine serial number is available using a compatible scan tool. Refer to the scan tool manufacturers manual for instructions.

FLASH ELECTRICALLY ERASABLE PROGRAMMABLE READ ONLY MEMORY (EEPROM) > NEUTRAL PROFILE CORRECTION > MAKING CHANGES TO THE VID BLOCK

A programmed PCM may require changes to be made to certain VID information to accommodate the vehicle hardware. Refer to Module Reprogramming on the scan tool.

FLASH ELECTRICALLY ERASABLE PROGRAMMABLE READ ONLY MEMORY (EEPROM) > NEUTRAL PROFILE CORRECTION > MAKING CHANGES TO THE PCM CALIBRATION

At certain times, the EEPROM needs to be completely reprogrammed. This is due to changes made to the strategy or calibration after production or the need to reset the VID block because it has reached its limit. Refer to PCM or Module Reprogramming on the scan tool.

DIAGNOSTIC MONITORING TEST RESULTS MODE 6

Mode 6 allows access to the results of on board diagnostic (OBD) monitor diagnostic test results. The test values are stored at the time of the particular monitor completion. Refer to mode 6 on the scan tool for test information.

ON BOARD DIAGNOSTIC (OBD) DRIVE CYCLE > DESCRIPTION OF ON BOARD DIAGNOSTIC (OBD) DRIVE CYCLE

The following procedure is designed to execute and complete the OBD monitors. To complete a specific monitor for repair verification, follow steps 1 through 4, then continue with the step described by the appropriate monitor found under the OBD Monitor Exercised column. For the evaporative emissions (EVAP) monitor to run, the ambient air temperature must be between 4.4 to 37.8°C (40 to 100°F), and the altitude below 2, 438 meters (8, 000 feet). If the OBD monitors must be completed in these conditions, the PCM must detect them once (twice on some applications) before the EVAP monitor can be bypassed and OBD monitors readied. The EVAP bypassing procedure is described in the following drive cycle.

Use a scan tool to carry out the OBD drive cycle. Refer to the scan tool manufacturer's instruction manual for each described function.

A detailed description for clearing the continuous diagnostic trouble codes (DTCs) is found in this service information. Refer to CLEAR THE CONTINUOUS DIAGNOSTIC TROUBLE CODES (DTCs) AND