

Y: Powertrain Control Module (PCM) Read Only Memory (ROM) Failure

Note: Regeneration may occur during normal operation. During regeneration, diagnostic procedures may display biased values. If a regeneration occurs during diagnostic procedures, allow the process to complete before continuing diagnostics.

This pinpoint test is intended to diagnose the following:

- incorrect PCM calibration
- PCM (12A650)

Y1 CHECK FOR DTCS

- Ignition ON, engine OFF.
- Carry out the PCM self-test.

Are DTCs P0601 or P062F present?

Yes	GO to Y2 .
No	The concern is not present at this time. CHECK for a loose connection, and damaged or corroded terminals. WIGGLE the harness attempting to recreate the concern. REPAIR as necessary. RETURN to Section 3, Symptom Charts for further direction.

Y2 PROGRAM THE PCM

- Reprogram the PCM with the latest software. Refer to Section 2, [Flash Electrically Erasable Programmable Read Only Memory \(EEPROM\)](#).
- Clear the PCM DTCs.
- Carry out the PCM self-test.

Are DTCs P0601 or P062F present?

Yes	GO to Y3 .
No	The test is complete.

Y3 CHECK FOR CORRECT PCM OPERATION

- Disconnect all the PCM connectors.
- Visually inspect for:
 - pushed out pins
 - corrosion
- Connect all the PCM connectors and make sure they seat correctly.
- Carry out the PCM self-test.
- Verify the concern is still present.

Is the concern still present?

Yes	INSTALL a new PCM. REFER to Section 2, Flash Electrically Erasable Programmable Read Only Memory (EEPROM) .
No	The system is operating correctly at this time. The concern may have been caused by a loose or corroded connector.

mcx30.com