

SS 578420 FCCC PTIC (Powertrain interface controller) module loss of function

Applicable Vehicles

FCCC MT45/55 with 6.6 liter gasoline engine.

Symptoms

0 Volts displayed on dash, or mileage not incrementing while driving, or possible shift inhibit warning, or A/C compressor clutch will not engage at high ambient temperatures.

Issue

PTIC goes offline and will not reset. The diodes can be affected by excessive heat, thus can lose signal to A/C compressor clutch.

Solution

Verify the truck has/had at least ONE of the symptoms above AND no outside influence is detected through normal diagnostics, such as a blown fuse, etc.

If so, **even if one of the complaints above is/was intermittent, a new version PTIC will need to be installed. After installation, a brake home relearn will need to be performed with diagnostic link.**

Note:

If applicable, Normal Warranty applies.

PTIC is mounted behind the ECM under the hood.

PPF: 66-22556-000

Replacement parts #


66-37911-000 = With no AC or with single AC.

66-37911-001 = With Dual AC.

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