

CADILLAC P16F3: CONTROL MODULE REDUNDANT MEMORY PERFORMANCE

OVERVIEW

Severity	:	High
DIY Difficulty Level	:	Advanced
Repair Cost	:	\$650-\$900
Can I Still Drive?	:	No

What Does The Cadillac P16F3 Code Mean?

Some customers may comment that the MIL (Malfunction Indicator Light) is illuminated.

Technician may find DTC P16F3 Control Module Redundant Memory Performance set current or in recent history

What Are The Potential Causes Of The Cadillac P16F3 Code?

The control module has detected that identical stored data is not the same when retrieved.

How Can You Fix The Cadillac P16F3 Code?

- Ensure the programming tool is equipped with the latest software and is securely connected to the data link connector. If there is an interruption during programming, programming failure or control module damage may occur.
- Stable battery voltage is critical during programming. Any fluctuation, spiking, over voltage or loss of voltage will interrupt programming. Install a GM Authorized Programming Support Tool to maintain system voltage. Refer to www.gmdesolutions.com for further information. If not available, connect a fully charged 12 V jumper or booster pack disconnected from the AC voltage supply. **DO NOT**

connect a battery charger.

- Follow the on-screen prompts regarding ignition power mode, but ensure that anything that drains excessive power (exterior lights, HVAC blower motor, etc) is off
- Clear DTCs after programming is complete. Clearing powertrain DTCs will set the Inspection/Maintenance (I/M) system status indicators to NO.

Caution: Be sure the VIN selected in the drop down menu (1) is the same as the vehicle connected (2) before beginning programming.

Reference Sources

- GM, 2013, [Service Bulletin](#) - PQC Part Restriction - E92 ECM Restriction Part Number 12656993.
- GM, 2014, [Service Bulletin](#) - PQC Part Restriction - E92 ECM Restriction Part Number 12656993.
- GM, 2014, [Service Bulletin](#) - PQC Part Restriction - E92 ECM Restriction Part Number 12656993.
- GM, 2015, [Service Bulletin](#) - Control Module Diagnostic Trouble Code(s) (DTC)(s) P0601, P0602, P0603, P0604, P0606, P062F, P1621, 16F3 Shared In Multiple Modules.
- GM, 2015, [Service Bulletin](#) - MIL Illuminated, DTC P16F3 with Message Displayed 'Engine Power is Reduced' after Cold Start.
- GM, 2015, [Service Bulletin](#) - MIL Illuminated with Firm Shifts, Shudder, Engine RPM Flare and DTCs P0606, P16F3 or P2818.
- GM, 2015, [Service Bulletin](#) - Illuminated MIL. DTC P16F3 May Be Set As An Active Or History Code In The TCM.
- GM, 2015, [Service Bulletin](#) - PQC Part Restriction T87 TCM 8L45 8L90 8 Speed And LCT1000 Allison Automatic Transmissions has ended.
- GM, 2015, [Service Bulletin](#) - Illuminated MIL. DTC P16F3 May Be Set As An Active Or History Code In The TCM.
- GM, 2015, [Service Bulletin](#) - PQC Transmission Exchange 8L90 8 Speed Automatic Transmission Has Ended.