



GM Bulletin No.: 32340B
Date: April 2016

Service Bulletin

SERVICE UPDATE

SUBJECT: Service Update for Inventory and Customer Vehicles
Engine Misfire
Expires with Base Warranty

MODELS: 2016-2017 Chevrolet Volt

This bulletin has been revised to remove steps 5 and 6 of the Service Procedure from bulletin 32340A. Please discard all copies of bulletin 32340A.

All vehicles originally involved in Service Update 28340 will be transferred to this Service Update. A more robust calibration has been developed for this condition. Service Update 28340 will be closed.

This service update includes vehicles in dealer inventory and customer vehicles that return to the dealership for any reason. This bulletin will expire at the end of the involved vehicle's New Vehicle Limited Warranty period.

PURPOSE

This bulletin provides a service procedure to reprogram the engine control module on **certain** 2016-2017 model year Chevrolet Volt vehicles. An engine misfire condition could occur causing the check engine/service engine soon light to illuminate, a rough or high idle condition, and diagnostic trouble code (DTC) P0300 or P050D to set. A software update is available to correct this and also a condition where DTCs P040B, P041B, P1427 and P1429 may set incorrectly.

This service procedure should be completed as soon as possible on involved vehicles currently in dealer inventory and customer vehicles that return to the dealer for any type of service during the New Vehicle Limited Warranty coverage period.

VEHICLES INVOLVED

All involved vehicles are identified by VIN in the Global Warranty Management System – Investigate Vehicle History Application. Dealership technicians should always check this site to confirm vehicle involvement prior to beginning any required inspections and/or repairs. It is important to routinely use this tool to verify eligibility because not all similar vehicles may be involved regardless of description or option content.

Additionally, a list of involved vehicles currently in dealer inventory can be found in GlobalConnect, under Departments, Service, Field Action Inventory Reports (US) or attached to the GlobalConnect message (Canada) used to release this bulletin. Customer vehicles that return for service, for any reason, and are still covered under the vehicle's base warranty should also be checked for vehicle eligibility.

PART INFORMATION

No parts are required for this repair.

SERVICE PROCEDURE

Note: Carefully read and follow the instructions below.

- DO NOT program a control module unless directed to by a service procedure or a service bulletin. If the control module is not properly configured with the correct calibration software, the control module will not control all of the vehicle features properly.
 - 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. When required install the *EL-49642* SPS Programming Support Tool to maintain system voltage. If not available, connect a fully charged 12V jumper or booster pack disconnected from the AC voltage supply. DO NOT connect a battery charger.
 - Turn OFF or disable systems that may put a load on the vehicles battery such as; interior lights, exterior lights (including daytime running lights), HVAC, radio, etc.
 - During the programming procedure, follow the SPS prompts for the correct ignition switch position.
 - Clear DTCs after programming is complete. Clearing powertrain DTCs will set the Inspection/Maintenance (I/M) system status indicators to NO.
 - Note the engine oil life remaining percentage.
1. Install *EL-49642* SPS programming support tool.
 2. Access the Service Programming System (SPS) and follow the on-screen instructions.
 3. On the SPS Supported Controllers screen, select K20 Engine Control Module – Programming and follow the on-screen instructions.
 4. Clear DTCs after completing the Programming procedure.

Note: If vehicle fails to start during Setup, perform the SPS Function Immobilizer Learn and follow the on-screen instructions.

5. Disconnect *EL-49642* SPS programming support tool.

WARRANTY TRANSACTION INFORMATION

Submit a transaction using the table below. All transactions should be submitted as a ZFAT transaction type, unless noted otherwise.

Labor Code	Description	Labor Time
9102086	Engine Control Module Reprogramming with SPS	0.3

DEALER PROGRAM RESPONSIBILITY

Whenever a vehicle subject to this service update enters your vehicle inventory, or is in your facility for service in the future, and the vehicle is still covered under the New Vehicle Limited Warranty, you must take the steps necessary to be sure the service update correction has been made before selling or releasing the vehicle.

All new, used, GM Certified Used, courtesy transportation vehicles, dealer shuttle vehicles, etc. in dealers' possession and subject to this bulletin must be held and inspected/repared per the service procedure of this bulletin before customers take possession of these vehicles. Involved vehicles must be held and not delivered to customers, dealer-traded, released to auction, used for demonstration, or any other purpose.

All GM Certified Used vehicles currently in the dealers' inventory within the Certified Pre-Owned Inventory System (CPOIS) will be de-certified and must be held and remedied per the service procedure in this bulletin. Upon submitting an accepted/paid warranty transaction in the Global Warranty Management (GWM) system, the vehicle can be re-certified for sale within the CPOIS system, or once again be used in the CTP program.



32340B - Service Update - Engine Misfire - Revised Service Procedure section
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GLOBAL SAFETY FIELD INVESTIGATIONS
DCS4001
URGENT - DISTRIBUTE IMMEDIATELY

Date: April 19, 2016

Subject: 32340B – Service Update
Engine Misfire
Revised Service Procedure section

Models: 2016-2017 Chevrolet Volt

To: All Chevrolet Dealers

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END OF MESSAGE

GLOBAL SAFETY FIELD INVESTIGATIONS



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