



GM Bulletin No.: 15115
Date: August 2015

Service Bulletin

SB-10059106-9914

SERVICE UPDATE

SUBJECT: Service Update for Inventory and Customer Vehicles
Glow Plug Control Module Software
Expires with Base Warranty

MODELS: 2015 Chevrolet Silverado HD Crew, HD Crew LTZ, HD Regular, HD Ext, HD Ext LTZ
2015 GMC Sierra HD Crew, HD Crew Denali, HD Regular, HD Ext
Equipped with Duramax Diesel Engine (RPO LML)

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 and update the glow-plug control module with new software on certain 2015 model year Chevrolet Silverado HD Crew, HD Crew LTZ, HD Regular, HD Ext, HD Ext LTZ vehicles equipped with a Duramax diesel engine (RPO LML) and certain 2015 model year GMC Sierra HD Crew, HD Crew Denali, HD Regular, HD Ext vehicles equipped with a Duramax diesel engine (RPO LML). The software update limits the intake-air heater input voltage to 13.5V. When the system voltage exceeds 13.5V, the heater's field-effect transistor can generate excessive heat. This heat can cause a short circuit in the transistor and, in rare cases, a fire in the vehicle's engine compartment.

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 is available on the "Service Update Bulletin Information" link under the "Service" tab in GM GlobalConnect (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 attempt to order the calibration number from GM Customer Care and Aftersales. The calibration numbers required for this service procedure are programmed into control modules via a Multiple Diagnostic Interface (MDI) with the calibration update. If you cannot access the calibration, call the Techline Customer Support Center and it will be provided.
 - 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 12 V 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.
 - Refer to *Glow Plug Control Module Programming and Setup* in SI for additional information on programming the glow plug control module.
1. Install *EL-49642* SPS programming support tool.
 2. Access the Service Programming System (SPS) and follow the on-screen instructions.

Note: The glow plug control module (GPCM) does not allow programming if its temperature is above 60°C (140°F).

3. On the SPS Supported Controllers screen, select K34 Glow Plug Control Module – Programming and follow the on-screen instructions.
4. At the end of programming, choose the “Clear All DTCs” function on the SPS screen.

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
9101686	Glow Plug Control Module Reprogramming with SPS	0.4

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.

