



Service Bulletin



SERVICE UPDATE

SUBJECT: Service Update for Inventory and Customer Vehicles
Active Fuel Management System Calibration
Expires with Base Warranty

MODELS: 2014 Chevrolet Silverado
2014 GMC Sierra
1500 Series Equipped with 5.3L V-8 Engine (L83)

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 address incorrect calibration values in the Active Fuel Management (AFM) system on certain 2014 model year Chevrolet Silverado and GMC Sierra 1500 series vehicles equipped with 5.3L V-8 engine (L83). These calibration errors can cause the hydraulic lifters to actuate at the wrong time, when the combustion chamber is under high pressure. If this occurs the hydraulic lifter can be damaged and the affected cylinder will no longer operate. To correct this condition, dealers will reprogram these vehicles with a new ECM and TCM calibration.

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.

SERVICE PROCEDURE

Note: 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. Use **TIS2WEB** on or after 10/02/13 to obtain the calibration. If you cannot access the calibration, call the Techline Customer Support Center and it will be provided.

1. Verify that there is a battery charge of 12 to 15 volts. The battery must be able to maintain a charge during programming. Only use an approved Midtronics® PSC 550 Battery Maintainer (SPS Programming Support Tool EL-49642) or equivalent to maintain proper battery voltage during programming.
2. Reprogram the Engine Control Module and Transmission Control Module Sequentially. Refer to SI and Service Programming System (SPS) documentation for programming instructions, if required.

2.1 Connect the MDI to the vehicle.

2.2 Select *J2534 MDI and Reprogram ECU* from the SPS Select Diagnostic Tool and Programming Process screen.

2.3 Select *ECM/TCM ECM/TCM Sequential Programming* from the SPS Supported Controllers screen.

2.4 Follow the on-screen instructions.

3. Select the "Clear All DTCs" function on the SPS screen at the end of programming.

WARRANTY TRANSACTION INFORMATION

Submit a transaction using the table below.

Labor Code	Description	Labor Time
9100190	Reprogram ECM and TCM	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.

GM CUSTOMER CARE AND AFTERSALES
DCS3070
URGENT - DISTRIBUTE IMMEDIATELY

Date: October 11, 2013

Subject: 13330 – Service Update Bulletin
Active Fuel Management System Calibration
Expires with Base Warranty

Models: 2014 Chevrolet Silverado
2014 GMC Sierra
1500 Series Equipped with 5.3L V-8 Engine (L83)

To: All Chevrolet and GMC Dealers

Attention: General Manager, Service Advisor, Service Manager, Parts and
Service Director, Parts Manager, New Vehicle Sales Manager,
and Warranty Administrator

General Motors is announcing Service Update Bulletin 13330 today. The total number of U.S. vehicles involved is approximately 52,000. Please see the attached bulletin for details.

Global Warranty Management (GWM)

The Investigate Vehicle History screen in GWM will be updated October 15, 2013. A list of involved vehicles currently in dealer inventory is attached.

Service Update Bulletin (SUB) Information Link

The SUB Information Link in GlobalConnect will be updated in the near future.

END OF MESSAGE
GM CUSTOMER CARE AND AFTERSALES