

EMISSION RECALL

IMPCO AUTOMOTIVE

Bulletin Number: 13102

Date: April 2013

SUBJECT: Electronic Control Unit (ECU) Calibration

**MODELS: 2013 Chevrolet Express and GMC Savana
Compressed Natural Gas (CNG) Vehicles**

IMPCO Automotive is conducting this emission recall. For the convenience of our customers, General Motors has agreed to assist in administering this recall through its Chevrolet and GMC dealers.

DEFECT INVOLVED

IMPCO Automotive has decided to conduct a Voluntary Emission Recall involving **certain** 2013 model year Chevrolet Express and GMC Savana compressed natural gas (CNG) vehicles. These vehicles were built with an incorrect ECM calibration that, under some conditions, may cause higher tailpipe exhaust emissions than allowed by the applicable emission standards.

SERVICE ACTION REQUIRED

Dealers are to reprogram the engine control module (ECM). The change to the catalyst temperature model will allow the vehicle to operate as originally designed.

VEHICLES INVOLVED

All involved vehicles are identified by Vehicle Identification Number on the Investigate Vehicle History screen in GM Global Warranty Management system. Dealership service personnel 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.

For dealers with involved vehicles, a listing with involved vehicles containing the complete vehicle identification number, customer name, and address information has been prepared and will be provided to dealers through the GM GlobalConnect Recall Reports. Dealers will not have a report available if they have no involved vehicles currently assigned.

The listing may contain customer names and addresses obtained from Motor Vehicle Registration Records. The use of such motor vehicle registration data for any purpose other than follow-up necessary to complete this recall is a violation of law in several states/provinces/countries. Accordingly, you are urged to limit the use of this report to the follow-up necessary to complete this recall.

PART INFORMATION

No parts are required for this recall.

SERVICE PROCEDURE

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. When using a MDI for reprogramming, ensure that is updated with the latest software version. Use **TIS2WEB on or after 04/30/13** to obtain the calibration. If you cannot access the calibration, call the Techline Customer Support Center and it will be provided.

For step-by-step programming instructions, please refer to SI and the Techline Information System (TIS) terminal.

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 (ECM). Refer to SI and Service Programming System (SPS) documentation for programming instructions.
 - 2.1 Connect the MDI to the vehicle.
 - 2.2 Select J2534 MDI and Reprogram ECU from the Select Diagnostic Tool and Programming Process screen.
 - 2.3 Select ECM Engine Control Module from the Supported Controllers screen.
 - 2.4 Follow the on-screen instructions.
3. Clear all diagnostic trouble codes (DTCs).
4. Start the vehicle and confirm that there are no messages on the driver information center display or any telltales illuminated.
5. **California, Connecticut, Maryland, Massachusetts, Maine, Oregon, Vermont, & Washington vehicles only:** Install a Recall Identification Label. Also, for California vehicles complete a "Proof of Correction" certificate upon recall completion.

RECALL IDENTIFICATION LABEL

For California, Connecticut, Maryland, Massachusetts, Maine, Oregon, Vermont, and Washington Vehicles Only - Place a Recall Identification Label on each vehicle corrected in accordance with the instructions outlined in this Product Recall Bulletin. Each label provides a space to include the recall number and the five-digit dealer code of the dealer performing the recall service. This information may be inserted with a ballpoint pen.

Put the Recall Identification Label on a clean and dry surface of the radiator core support in an area that will be visible to people servicing the vehicle.

When installing the Recall Identification Label, be sure to pull the tab to allow adhesion of the clear protective covering. Additional Recall Identification Labels for US dealers can be obtained from Dealer Support Materials by ordering on the web from DWD Store, www.gmglobalconnect.com, and then click on the DWD Store link. Request Item Number S-1015 when ordering.



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
V2808	Reprogram ECM	0.4

CUSTOMER NOTIFICATION

General Motors will notify customers of this recall on their vehicle (see copy of customer letter included with this bulletin).

In order to ensure full protection under the emission warranty, and the right to participate in future recalls, the customer notification letter recommends that customers have their vehicles serviced as soon as possible. It also advises that failure to do so could legally be determined to be lack of proper maintenance. The vehicle may fail a state or local emission inspection test if the recall work is not completed.

DEALER RECALL RESPONSIBILITY

All unsold new vehicles in dealers' possession and subject to this recall must be held and inspected/repaired per the service procedure of this recall bulletin before customers take possession of these vehicles.

Dealers are to service all vehicles subject to this recall at no charge to customers, regardless of mileage, age of vehicle, or ownership, from this time forward.

Customers who have recently purchased vehicles sold from your vehicle inventory, and for which there is no customer information indicated on the dealer listing, are to be contacted by the dealer. Arrangements are to be made to make the required correction according to the instructions contained in this bulletin. A copy of the customer letter is provided in this bulletin for your use in contacting customers. Recall follow-up cards should not be used for this purpose, since the customer may not as yet have received the notification letter.

In summary, whenever a vehicle subject to this recall enters your vehicle inventory, or is in your dealership for service in the future, you must take the steps necessary to be sure the recall correction has been made before selling or releasing the vehicle.

When a California emissions recall is completed by a GM dealer, the dealer must provide the vehicle owner a "Proof of Correction Certificate" which the owner may need to present to the California Department Of Motor Vehicles (DMV) when renewing their vehicle registration. Without this correction certificate, the owner may be unable to renew their vehicle registration.

Additional Certificates can be obtained, at no charge, from Dealer Support Materials by ordering on the web from the DWD Store, www.gmdealerworld.com, and then click on the DWD Store link; request GM Item Number 1825 when ordering.



May 2013

Dear General Motors Customer:

This notice is sent to inform you that IMPCO Automotive is conducting a voluntary emission recall that includes your vehicle.

Although IMPCO Automotive is conducting the recall, for your convenience, General Motors is assisting IMPCO by making our dealer network available to perform the recall.

Reason For This Recall: IMPCO Automotive has decided to conduct a voluntary emission recall involving certain 2013 model year Chevrolet Express and GMC Savana compressed natural gas (CNG) vehicles. These vehicles were built with an incorrect ECM calibration that, under some conditions, may cause higher tailpipe exhaust emissions than allowed by the applicable emission standards.

What Will Be Done: Your GM dealer will reprogram the electronic control module. This service will be performed for you at **no charge**.

What You Should Do: Please contact your GM dealer as soon as possible to arrange a service date. Instructions for making this correction have been sent to your dealer. Please ask your dealer if you wish to know how much time will be needed to schedule, process, and repair your vehicle.

If you have any questions or need any assistance, just contact your dealer or the appropriate Customer Assistance Center at the number listed below.

Division	Number	Text Telephones (TTY)
Chevrolet	1-800-222-1020	1-800-833-2438
GMC	1-800-462-8782	1-888-889-2438
Guam	65-6267-1752	
Puerto Rico – English	1-800-496-9992	
Puerto Rico – Español	1-800-496-9993	
Virgin Islands	1-800-496-9994	

Emission Law Information: In order to ensure your full protection under the emission warranty made applicable to your vehicle by state and federal law, and your right to participate in future recalls, it is recommended that you have your vehicle serviced as soon as possible. Failure to do so could legally be determined to be lack of proper maintenance of your vehicle. Also, your vehicle may fail a state or local emission inspection if this recall is not accomplished.

IMPORTANT MESSAGE FOR CALIFORNIA RESIDENTS

The California Air Resources Board (CARB) requires vehicle emission recalls be completed prior to California registration renewal. Uncorrected emission recalls will result in the inability to renew your California vehicle registration.

At the time of emission recall completion, your California dealer will issue a "Proof of Correction Certificate". Keep this certificate and, if required, present it to the Department of Motor Vehicles when renewing your California registration as proof of recall completion.

We are sorry to cause you this inconvenience; however, we have taken this action in the interest of your continued satisfaction with our products.

Jim Moloney
General Director,
Customer and Relationship Services

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