



Recall Bulletin



FMVSS NONCOMPLIANCE RECALL

SUBJECT: Front Brakes Lock During ABS, Stability Control, or Traction Control Activation

MODELS: 2012 Chevrolet Volt

All involved vehicles that are in dealer inventory must be held and not delivered to customers, dealer traded, or used for demonstration purposes until the repair contained in this bulletin has been performed on the vehicle.

CONDITION

General Motors has decided that four 2012 model year Chevrolet Volt vehicles fail to conform to Federal Motor Vehicle Safety Standards 135 and 126 for vehicle braking and electronic stability control. The electronic brake control module (EBCM) in these vehicles does not relieve the brake fluid pressure from the front brakes during an anti-lock brake system (ABS), electronic stability control, or traction control event, which will cause one or both front brakes to lock up and not release. This could cause a loss of steering control and/or increased stopping distance, resulting in a crash. The front brakes will release upon ABS, stability control, or traction control deactivation. Non-ABS braking is not affected by this condition.

CORRECTION

Dealers are to install a new brake pressure modulator valve.

VEHICLES INVOLVED

All involved vehicles are identified by Vehicle Identification Number on the Investigate Vehicle History screen in GM Global Warranty Management system and are listed below. 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.

1G1RA6E46CU107515 1G1RB6E49CU119591
1G1RA6E40CU117909 1G1RH6E45CU117982

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

Parts required to complete this recall are to be obtained from General Motors Customer Care and Aftersales (GMCC&A). Please refer to your “involved vehicles listing” before ordering parts. Normal orders should be placed on a DRO = Daily Replenishment Order. In an emergency situation, parts should be ordered on a CSO = Customer Special Order.

| Part Number | Description | Quantity/Vehicle |
|--------------------------------|----------------------|------------------|
| 20864952 | VALVE, BRK PRESS MOD | 1 |
| 19299818 – US 19299819 - CN | FLUID, BRAKE(DOT 3) | 4 |

SERVICE PROCEDURE

1. Remove the brake pressure modulator valve. Refer to *Electronic Brake Control Module with Brake Pressure Modulator Valve Replacement* in SI.
2. Install a new brake pressure modulator valve. Refer to *Electronic Brake Control Module with Brake Pressure Modulator Valve Replacement* in SI.

COURTESY TRANSPORTATION

The General Motors Courtesy Transportation program is intended to minimize customer inconvenience when a vehicle requires a repair that is covered by the New Vehicle Limited Warranties. The availability of courtesy transportation to customers whose vehicles are within the warranty coverage period and involved in a product program is very important in maintaining customer satisfaction. Dealers are to ensure that these customers understand that shuttle service or some other form of courtesy transportation is available and will be provided at no charge. Dealers should refer to the General Motors Service Policies and Procedures Manual for Courtesy Transportation guidelines.

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 |
|------------|---|------------|
| 9100070 | Brake Pressure Modulator Valve Replacement (inc. bleed) | 4.5 |

CUSTOMER NOTIFICATION

General Motors will notify customers of this recall on their vehicle by telephone and by letter, if necessary.

DEALER RECALL RESPONSIBILITY – For US (US States, Territories, and Possessions)

It is a violation of Federal law for a dealer to deliver a new motor vehicle or any new or used item of motor vehicle equipment (including a tire) covered by this notification under a sale or lease until the defect or noncompliance is remedied.

The US National Traffic and Motor Vehicle Safety Act provides that each vehicle that is subject to a recall of this type must be adequately repaired within a reasonable time after the customer has tendered it for repair. A failure to repair within sixty days after tender of a vehicle is prima facie evidence of failure to repair within a reasonable time. If the condition is not adequately repaired within a reasonable time, the customer may be entitled to an identical or reasonably equivalent vehicle at no charge or to a refund of the purchase price less a reasonable allowance for depreciation. To avoid having to provide these burdensome remedies, every effort must be made to promptly schedule an appointment with each customer and to repair their vehicle as soon as possible. In the recall notification letters, customers are told how to contact the US National Highway Traffic Safety Administration if the recall is not completed within a reasonable time.

This bulletin is notice to you that the new motor vehicles included in this recall may not comply with the standard identified above. Under Title 49, Section 30112 of the United States Code, it is illegal for a dealer to sell a new motor vehicle which the dealer knows does not comply with an applicable Federal Motor Vehicle Safety Standard. As a consequence, if you sell any of these motor vehicles without first performing the recall correction, your facility may be subject to a civil penalty for each such sale.

All unsold new vehicles in dealer's 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. 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 facility 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.

