

GM SERVICE AND PARTS OPERATIONS
DCS1834
URGENT - DISTRIBUTE IMMEDIATELY

Date: August 23, 2007

Subject: 07174 - Noncompliance Recall
Airbag System - Passenger Sensing

Models: 2007 Chevrolet Equinox and Pontiac Torrent

To: All Chevrolet and Pontiac Dealers

Attention: Service Manager, Parts Manager, and Warranty Administrator

PRODUCT FIELD ACTION ANNOUNCEMENT

General Motors is announcing Noncompliance Recall 07174 today. The total number of vehicles involved is 483. Please see the attached bulletin for details.

Mailing Information

Customer letter mailing will begin on August 30, 2007.

GM Vehicle Inquiry System (GMVIS)

GMVIS information is currently available.

Service Information System (SI)

Bulletin 07174 is scheduled to be available in SI on August 24, 2007.

Campaign Initiation Detail Report (CIDR)

The CIDR will be available in DealerWorld on August 23, 2007.

**PLEASE CLICK ON THE ICON BELOW
TO VIEW OR PRINT THE BULLETIN**

END OF MESSAGE
GM SERVICE AND PARTS OPERATIONS



Recall Bulletin



FMVSS NONCOMPLIANCE RECALL

SUBJECT: Airbag System – Passenger Sensing

MODELS: 2007 Chevrolet Equinox
 2007 Pontiac Torrent

CONDITION

General Motors has decided that certain 2007 Chevrolet Equinox and Pontiac Torrent vehicles fail to conform to Federal Motor Vehicle Safety Standard (FMVSS) 208, Occupant Crash Protection. In these vehicles, the right front passenger seat is built with a passenger sensing system. When tested with a representative, unrestrained, small adult, the system is required to turn the right front passenger's frontal airbag on. An error in the seat sensor calibration can cause it to fail this test. In the event of a crash severe enough to activate the airbags, the frontal passenger airbag may not deploy. This could increase the occupant's risk of injury.

In addition, this condition can prevent the airbag from turning off when the seat is occupied by a small child. If the event of a crash, the frontal airbag could deploy and the child could be killed or seriously injured by the airbag.

The owner manual explains how to use the passenger sensing system. The airbag status indicator displays the status of the airbag. Whenever the front passenger seat is occupied, the driver should always check the airbag indicator to see if the airbag is on or off. If it is not correct for the situation, the passenger should be moved to a different seat. A child restraint installed properly in the back seat is the safest place for children.

CORRECTION

Dealers are to reprogram the seat's electronic control unit (ECU).

VEHICLES INVOLVED

Involved are **certain** 2007 Chevrolet Equinox and Pontiac Torrent vehicles built within these VIN breakpoints:

YEAR	DIVISION	MODEL	FROM	THROUGH
2007	Chevrolet	Equinox	76076747	76237072
2007	Pontiac	Torrent	76076696	76236881

Important: Dealers are to confirm vehicle eligibility prior to beginning repairs by using GM Vehicle Inquiry System (GMVIS). Not all vehicles within the above breakpoints may be involved.

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 through the applicable system listed below. Dealers will not have a report available if they have no involved vehicles currently assigned.

- US dealers - GM DealerWorld Recall Information
- Export dealers - sent directly to dealers

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.

PARTS INFORMATION

No parts are required for this recall.

SERVICE PROCEDURE

Some 2007 Chevrolet Equinox and 2007 Pontiac Torrent vehicles have Passenger Presence Systems (PPS) that will require a new calibration.

The Passenger Presence System (PPS) is used to monitor the weight and pattern of an occupant on the front outboard passenger seat and communicate the status to the Sensing and Diagnostic module (SDM) whether to enable or suppress the deployment of the passenger airbag. The PPS consists of an electronic control module (ECU), sensor mat, heated seat element (if equipped), and PASSENGER AIR BAG ON/OFF indicators.

Reprogram the electronic control module (ECU). Refer to the instructions below.

Tech 2 Legacy or J2534 Pass-Thru programming method for the PPS Offset Reset (PPS)

Important: If Tech 2 Legacy or J2534 Pass-Thru programming fails, call Techline Customer Support Center (TCSC) at 1-800-828-6860 (English) or 1-800-503-3222 (French). A "Candi" module is necessary.

CALIBRATION INFORMATION

Do not attempt to order the calibration number from GMSPO. The calibration numbers required for this service procedure are programmed into control modules via a Techline Tech 2® scan tool and TIS 2 Web with the calibration update. Use TIS 2 Web version 8.0 for 2007 (available on 08/07/07). If you cannot access the calibration, call the Techline Customer Support Center at 1-800-828-6860 (English) or 1-800-503-3222 (French) and it will be provided.

Notice: Before reprogramming, please check the battery condition to prevent a reprogramming error of any of the modules due to battery discharge. Battery voltage must be between 12 and 16 volts during reprogramming. If the vehicle battery is not fully charged, use jumper cables from an additional battery. Be sure to turn off or disable any system that may put a load on the battery, such as automatic headlamps, daytime running lights, interior lights, heating, ventilation, and air conditioning (HVAC) system, radio, engine cooling fan, etc. A

programming failure or control module damage may occur if battery voltage guidelines are not observed.

The ignition switch must be in the proper position. The Service Programming System (SPS) application prompts you to turn ON the ignition, with the engine OFF. DO NOT change the position of the ignition switch during the programming procedure, unless instructed to do so.

Make certain all tool connections are secure, including the following components and circuits:

- The RS-232 communication cable port
- The connection at the data link connector (DLC)
- The voltage supply circuits

DO NOT disturb the tool harnesses while programming. If an interruption occurs during the programming procedure, programming failure or control module damage may occur.

DO NOT turn OFF the ignition if the programming procedure is interrupted or unsuccessful. Ensure that all control module and DLC connections are secure and the TIS terminal operating software is up to date.

1. Verify that there is a battery charge of 12 to 16 volts. The battery must be able to maintain a charge during programming. Use an additional jump battery if necessary. Only use approved Midtronics charger or Jumper Packs, etc. to maintain proper battery voltage during programming.

Important: Before rezeroing the passenger presence system (PPS), the front passenger seat must be completely empty of all items. The presence of any items on the front passenger seat will affect the calibration and operation of the PPS. When rezeroing the PPS, the instrument panel cluster (IPC) and dash lights will begin dimming ON and OFF. This is normal operation during the rezeroing procedure and does not indicate additional system faults.

2. Reprogram the electronic control module (ECU). **Select PPS Offset Reset from the Supported Controller screen in TIS2Web.** Refer to SI and Service Programming System (SPS) documentation for PSS programming instructions, if required.

COURTESY TRANSPORTATION – For US

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 Warranty. The availability of courtesy transportation to customers whose vehicles are within the warranty coverage period and involved in a product recall 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.

CLAIM INFORMATION

Submit a Product Recall Claim with the information indicated below:

REPAIR PERFORMED	PART COUNT	PART NO.	PARTS ALLOW	CC-FC	LABOR OP	LABOR HOURS
Reprogram ECU	N/A	N/A	N/A	MA-96	V1684	0.4
Courtesy Transportation for vehicles within the New Vehicle Limited Warranty (US Dealers)	N/A	N/A	N/A	MA-96	*	N/A

* Submit courtesy transportation using normal labor operations for courtesy transportation as indicated in the GM Service Policies and Procedures Manual for vehicles within the New Vehicle Limited Warranty.

Refer to the General Motors WINS Claims Processing Manual for details on Product Recall Claim Submission.

CUSTOMER NOTIFICATION – For US

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

CUSTOMER NOTIFICATION – For Export

Letters will be sent to known owners of record located within areas covered by the US National Traffic and Motor Vehicle Safety Act. For owners outside these areas, dealers should notify customers using the attached sample letter.

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

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 dealership may be subject to a civil penalty for each such sale.

DEALER RECALL RESPONSIBILITY - All

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.



August 2007

Dear General Motors Customer:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

General Motors has decided that certain 2007 model year Chevrolet Equinox and Pontiac Torrent vehicles fail to conform to Federal Motor Vehicle Safety Standard (FMVSS) 208, Occupant Crash Protection. As a result, GM is conducting a safety recall. We apologize for this inconvenience. However, we are concerned about your safety and continued satisfaction with our products.

I M P O R T A N T

- Your vehicle is involved in recall 07174.
- Schedule an appointment with your GM dealer.
- This service will be performed for you at **no charge**.

Why is your vehicle being recalled?

The right front passenger seat in your vehicle is built with a passenger sensing system. When tested with a representative, unrestrained, small adult, the system is required to turn the right front passenger's frontal airbag on. An error in the seat sensor calibration can cause it to fail this test. In the event of a crash severe enough to activate the airbags, the frontal passenger airbag may not deploy. This could increase the occupant's risk of injury.

In addition, this condition can prevent the airbag from turning off when the seat is occupied by a small child. If the event of a crash, the frontal airbag could deploy and the child could be killed or seriously injured by the airbag.

The owner manual explains how to use the passenger sensing system. The airbag status indicator displays the status of the airbag. Whenever the front passenger seat is occupied, the driver should always check the airbag indicator to see if the airbag is on or off. If it is not correct for the situation, the passenger should be moved to a different seat. A child restraint installed properly in the back seat is the safest place for children.

What will we do?

Your GM dealer will reprogram the seat's electronic control unit. This service will be performed for you at **no charge**. It is likely that your dealer will need your vehicle longer than the actual service correction time of approximately 25 minutes because of service scheduling requirements.

If your vehicle is within the New Vehicle Limited Warranty your dealer may provide you with shuttle service or some other form of courtesy transportation while your vehicle is at the dealership for this repair. Please refer to your Owner's Manual and your dealer for

details on courtesy transportation.

What should you do?

You should contact your GM dealer to arrange a service appointment as soon as possible. Bring the enclosed customer reply form with you when you visit your dealer. The form identifies the repairs required. If you no longer own this vehicle, please let us know by completing the form and mailing it back to us.

Do you have questions?

If you have questions or concerns that your dealer is unable to resolve, please contact the appropriate Customer Assistance Center at the number listed below. More information about this recall can be found at the Owner Center at MyGMLink, <http://www.gm.com/recall>

Division	Number	Text Telephones (TTY)
Chevrolet	1-800-630-2438	1-800-833-2438
Pontiac	1-800-620-7668	1-800-833-7668
Guam	1-671-648-8650	
Puerto Rico – English	1-800-496-9992	
Puerto Rico – Español	1-800-496-9993	
Virgin Islands	1-800-496-9994	

If after contacting your dealer and the Customer Assistance Center, you are still not satisfied we have done our best to remedy this condition without charge and within a reasonable time, you may wish to write the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE, Washington DC 20590, or call the toll-free Vehicle Safety Hotline at 1.888.327.4236 (TTY 1.800.424.9153), or go to <http://www.safercar.gov>.

Federal regulation requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

Scott Lawson
General Director,
Customer and Relationship Services

Enclosure
07174