



Service Bulletin

INFORMATION

Subject: Passenger Presence System (PPS) May Command Seat Belt Reminder Chime and Passenger Airbag Indicator On When Electronic Devices or Conductive Objects are Placed on Front Passenger Seat, DTCs 5045 or B0074 0F May Set in PPS Module

Models: 2009-2012 Buick Enclave
2010-2012 Buick LaCrosse
2009-2012 Cadillac CTS
2009-2010 Chevrolet Cobalt (except SS model)
2009-2011 Chevrolet HHR (except SS model)
2009-2013 Chevrolet Impala
2009-2012 Chevrolet Traverse
2010-2012 Chevrolet Equinox
2011-2012 Chevrolet Volt
2012 Chevrolet Sonic
2009-2012 GMC Acadia
2010-2012 GMC Terrain
2009-2010 Saturn OUTLOOK

Attention: If DTC B0074 0F is set and the seat is wet, this bulletin does not apply. Refer to B0074 service procedure in SI for further diagnostics.

This bulletin is being revised to remove models and update the Note. Please discard Corporate Bulletin Number 08-09-41-007H (Section 09 – Restraints).

Some customers may comment about 5 slow chimes, with no obvious reason. If the customer would check the PPS display, they would notice the passenger seat belt indicator is illuminated. Dealers should be aware that when certain conductive objects are placed on the front passenger seat, the front passenger airbag indicator may illuminate. The seat belt reminder light/chime may also be activated. Examples of objects that could enable the airbag include:

- Computers, Electronic Tablets
- Charging and Audio Cables
- Cell Phones
- Tech 2®
- Large Container of Liquid
- Groceries

An electronic device does not necessarily need to be turned on to cause this condition.

Because this vehicle is equipped with low risk passenger airbags, the PPS system is designed to turn the airbag on for most front seat occupants and turn the

airbag off for small children in child seats. The system works by detecting the capacitance of the object on the seat, not the objects weight; and certain conductive objects will enable the airbag. The passenger seat belt reminder system is active when the passenger airbag is on.

Additionally, for some larger electronic devices, DTCs 5045 or B0074 0F may set in the PPS module depending on the vehicle. If you remove the electronic device from the front passenger seat, the DTC will go into history (if DTC was set). If this happens, clear all SDM and PPS DTCs. If the PPS DTCs is still current, follow the service procedure in SI for that DTC. If the DTCs do not return, no repair is needed (do not replace any parts for this condition).

Note: Never rest the diagnostic scan tool or components on the passenger front seat or touch the passenger front seat while the diagnostic scan tool is in contact with your body.

For additional information regarding the "capacitance monitoring" style of Passenger Presence (PPS) system for the vehicles listed in this bulletin:

- in the U.S., refer to GM Training video 10212.01D (January 2012 Emerging Issues) and course number 22048.42W (Safety Systems 1) and 22048.31T (Occupant Safety Systems Diagnostics) at gmtraining.com.
- in Canada, refer to GM Training video 52012.03V (TAC TALK for March 2012) and course number 22048.42W (Safety Systems 1) on LMS.

Please advise the customer to avoid placing the electronic device or conductive object in the front passenger seat in the future to eliminate unwanted activation of the seatbelt reminder light/chime.

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
C9895*	Clear PPS and SDM Codes for Electrical Interference	0.2 hr

*This is a unique labor operation for bulletin use only. It will not be published in the Labor Time Guide.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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