



Service Bulletin

File in Section: 09 - Restraints

Bulletin No.: 12-09-41-002

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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

Models: 2012-2013 Buick Verano
2013 Buick Enclave, LaCrosse, Regal
2013 Cadillac ATS, CTS, SRX, XTS
2012-2013 Chevrolet Cruze
2013 Chevrolet Equinox, Malibu, Sonic, Traverse, Volt
2013 GMC Acadia, Terrain

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.

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.

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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