



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

January 10, 2014

1200 New Jersey Avenue, SE
Washington, DC 20590

[REDACTED]

Somers, CT [REDACTED]

NVS-216 am
Ref. No. 10542690

Dear [REDACTED]

Thank you for your correspondence concerning your Model Year (MY) 2007 Pontiac Solstice. The Connecticut Office of the Attorney General forwarded your letter to the National Highway Traffic Safety Administration's (NHTSA) Office of Defects Investigation. We regret any inconvenience our delay in responding may have caused you.

NHTSA is the Federal agency responsible for improving safety on our Nation's highways. We are authorized to order manufacturers to recall and repair motor vehicles or motor vehicle equipment when our investigations indicate that they contain safety defects in their design, construction, or performance. We also monitor the adequacy of manufacturers' recall campaigns. In order for the agency to initiate an investigation, we look carefully at the body of consumer complaints and other available data to determine whether a defect trend may exist. We do not have authority to act on isolated problems or resolve disputes between individual owners, dealers, or manufacturers.

You state that you were driving your MY 2007 Pontiac Solstice two seat roadster with your wife and the air bag warning light for the passenger seat came on. You took the vehicle to a dealer and they diagnosed the problem as a faulty air bag seat module. You felt this was a safety issue so you ordered that parts and the dealer split the repair cost with you. Later you searched the Internet and found a lot of owners have complaints for this problem. You want to make NHTSA is aware of this problem and request that the proper steps are taken to initiate a recall.

We have reviewed our database in an effort to identify whether a safety defect trend exists with passenger side air bag seat modules in MY 2007 Pontiac Solstice vehicles. At this time, there is insufficient evidence to warrant opening a safety defect investigation or to initiate a recall. The information you provided has been entered into our database. It will be considered with future reports to identify any safety defect trends that may require our attention. The NHTSA investigation and recall process is on our web site at www-odi.nhtsa.dot.gov/recalls/recallprocess.cfm.

NHTSA is aware of two Technical Service Bulletins (TSBs) (Bulletins No. 08-09-41-002 and No. PIT4011F, enclosed) concerning air bag indicator lamps in MY 2007 Pontiac Solstice vehicles. However, the issuance of a TSB does not necessarily reflect the existence of a safety-related defect in accordance with the National Traffic and Motor Vehicle Safety Act. Therefore,

NHTSA cannot require General Motors (GM) to perform the corrective actions described in the TSBs on your vehicle at no cost to you. We recommend that you contact GM or a local dealer if you require further assistance or more information about the TSBs.

Should you encounter a safety-related problem with a motor vehicle or motor vehicle equipment in the future, we would appreciate it if you would complete an electronic Vehicle Owner's Questionnaire online at www.nhtsa.gov or call the Auto Safety Hotline at 1-888-327-4236.

Also, a summary listing of vehicle owners' complaints, safety recalls, manufacturers' service bulletins, etc. can be obtained at our web site.

Sincerely,

A handwritten signature in cursive script that reads "Randy Reid".

Randy Reid, Chief
Correspondence Research Division
Office of Defects Investigation
Enforcement

Enclosures

10020881

BULLETIN-SIT-BULLETIN-2008455: PIT4011F

Air Bag Indicator On
2005-2008 Buick Allure, Lacrosse, Lucerne
2005-2007 Buick Rainier
2006-2008 Cadillac DTS
2008 Cadillac STS, SRX, CTS and XLR
2007-2008 Cadillac Escalade Models
2007-2008 Chevrolet Avalanche, Equinox, Silverado, Suburban, Tahoe
2005-2008 Chevrolet Cobalt, Trailblazer, Trailblazer EXT
2005-2007 Chevrolet SSR
2006-2008 Chevrolet Corvette, HHR, Impala, Malibu Models (except Classic)
2006-2007 Chevrolet Monte Carlo
2005-2008 GMC Envoy Models
2007-2008 GMC Acadia, Sierra, Yukon, Yukon Denali, Yukon XL, Yukon Denali XL
2007-2008 Pontiac G5
2005-2008 Pontiac Pursuit
2006-2008 Pontiac Solstice
2007-2008 Pontiac Torrent
2005-2008 Saab 9-7X
2007-2008 Saturn Aura, Outlook, Sky

This PI was superseded to update models. Please discard PIT4011E.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern:

You may experience an intermittent or current SIR indicator on the Instrument Panel Cluster (IPC) with DTC B0012 OE, b0013 OE, b0016 OE, b0019 OE, b0020 OE, b0022, b0023 OE, B0033 OE, B0040 OE, or B0042 set in the sensing and diagnostic module (SDM).

Note

This PI only applies to the DTCs as listed above. Example, if you have a dtc B0022 symptom 0D, this pi DOES NOT apply because it is only for a B0022. DTCs B0022 and B0042 will not have symptom codes because they are for older models like the Trailblazer, Envoy, etc, and did not use symptom codes.

Recommendation/Instructions:

Inspect for a loose, missing, or broken Connector Position Assurance (CPA) retainer at the air bag for the set dtc. If loose, remove the connector and reinstall correctly by first pushing the connector body in completely and then pushing in the CPA completely. If the CPA is broken, missing, or will not seat in connector correctly, replace the CPA retainer with part number: 54590003 (Orange CPA) that is located in the connector tray of the terminal repair kit.

Note

If the CPA retainer part number: 54590003 (Orange CPA) can't be located in terminal repair kit, contact Kent Moore Tools @ 1-800-GM-Tools to obtain a new package of 5.



Service Bulletin

File in Section: 09 - Restraints

Bulletin No.: 08-09-41-002G

Date: December, 2011

TECHNICAL

Subject: Diagnostic Information for Supplemental Inflatable Restraint (SIR) System, Intermittent AIR BAG Indicator/Lamp Illuminated with DTC(s) B0012, B0013, B0015, B0016, B0019, B0020, B0022, B0023, B0026, B0033, B0040, B0042 or B0044 Set (Inspect and Replace Connector Position Assurance (CPA) Retainer)

Models: 2005-2007 Buick Rainier
 2006-2009 Buick Allure (Canada only), LaCrosse, Lucerne
 2008-2012 Buick Enclave
 2006-2011 Cadillac DTS
 2007-2012 Cadillac Escalade Models
 2008-2009 Cadillac XLR
 2008-2011 Cadillac STS
 2008-2012 Cadillac CTS, SRX
 2005-2006 Chevrolet SSR
 2005-2009 Chevrolet TrailBlazer, TrailBlazer EXT
 2005-2010 Chevrolet Cobalt
 2006-2007 Chevrolet Monte Carlo
 2006-2011 Chevrolet HHR
 2006-2012 Chevrolet Corvette, Impala, Malibu Models (includes Malibu Classic)
 2007-2009 Chevrolet Equinox
 2007-2012 Chevrolet Avalanche, Silverado, Suburban, Tahoe
 2008-2012 Chevrolet Express
 2009-2012 Chevrolet Traverse
 2005-2009 GMC Envoy Models
 2007-2012 GMC Acadia, Sierra, Yukon, Yukon Denali, Yukon XL, Yukon Denali XL
 2008-2012 GMC Savana
 2005-2006 Pontiac Pursuit
 2005-2010 Pontiac G6
 2006-2009 Pontiac Solstice
 2007-2009 Pontiac Torrent
 2007-2010 Pontiac G5
 2008-2009 Pontiac G8
 2007-2009 Saturn AURA, OUTLOOK, SKY
 2008-2009 Saturn VUE
 2008-2009 HUMMER H2
 2007-2008 Daewoo G2X
 2007-2009 Opel GT

This bulletin is being revised to add the 2011 and 2012 model years. Please discard Corporate Bulletin Number 08-09-41-002F (Section 09 – Restraints).

Condition

- Some customers may comment on an intermittent or current AIR BAG indicator or lamp being illuminated on the instrument panel cluster (IPC).

Important: This bulletin only applies to the following DTCs:

- Technicians may observe DTC(s) B0012 04, 0D, 0E; B0013 04, 0D, 0E; B0015 04, 0D, 0E; B0016 04, 0D, 0E; B0019 04, 0D, 0E; B0020 04, 0D, 0E; B0022, B0023 04, 0D, 0E; B0033 04, 0D, 0E; B0040 04, 0D, 0E; B0042 or B0044 set as Current or in History in the sensing and diagnostic module (SDM).

Cause

This condition may be caused by a loose, missing, or damaged connector position assurance (CPA) retainer at a supplemental inflatable restraint (SIR) module electrical connector, or a deployment loop wiring harness electrical connector.

Correction

Caution: When performing service on or near the SIR components or the SIR wiring, the SIR system must be disabled. Failure to observe the correct procedure could cause deployment of the SIR components. Serious injury can occur. Failure to observe the correct procedure could also result in unnecessary SIR system repairs.

- Perform the Diagnostic System Check-Vehicle.
- Identify the DTC that is set **AND** review the DTC Descriptor in the corresponding diagnostic procedure. Refer to Diagnostic Trouble Code (DTC) List-Vehicle in SI.
- Using the information from the DTC Descriptor, determine the location of the affected electrical connector. Refer to SIR Identification Views and the Master Electrical Component List in SI.
- Turn **OFF** the ignition and disable the supplemental inflatable restraint (SIR) system. Refer to SIR Disabling and Enabling in SI.
- BEFORE** removing, **INSPECT** the CPA retainer at the electrical connector.

Note: The connector and connector position assurance (CPA) may seat independent of each other. Both the connector and CPA should seat with an audible and/or tactile click. The CPA isolates the shorting-bars within the connector allowing the deployment circuit to operate properly.

- ⇒ If the CPA retainer is loose, damaged, or will not seat in the connector, replace it with a new one. Reinstall the CPA correctly by first pushing the connector body in completely, and then pushing the CPA retainer in completely.
- ⇒ If the CPA retainer is not loose or damaged and is properly seated, proceed to Step 6.

- Remove the CPA retainer and disconnect the electrical connector. Inspect the terminals for the following conditions:

- Corrosion
- Contamination
- Terminal tension
- Damage

Important: The terminals in the SIR/SRS system are made with a special plating. This plating provides the necessary contact integrity for the sensitive, low energy circuits. Use the J-38125 SIR Terminal Repair Kit for repairing SIR/SRS terminals and connectors. **DO NOT** substitute any other terminals for those in the repair kit.

- ⇒ If the terminals are damaged, corrosion is observed, or have poor tension, repair or replace as necessary. Apply dielectric grease, GM P/N 12345579 (in Canada, use P/N 10953481) on the connector pins and terminals when reassembling. Refer to SIR/SRS Wiring Repairs in SI.

Note: The connector and connector position assurance (CPA) may seat independent of each other. Both the connector and CPA should seat with an audible and/or tactile click. The CPA isolates the shorting-bars within the connector allowing the deployment circuit to operate properly.

- Connect the electrical connector, and install the CPA retainer.
 - Enable the supplemental inflatable restraint (SIR) system. Refer to SIR Disabling and Enabling in SI.
 - Clear the DTC with a scan tool.
 - Verify that the DTC does not reset by performing the Diagnostic Repair Verification in SI.
- ⇒ If any DTC resets, then refer to Diagnostic Trouble Code (DTC) List - Vehicle in SI.

Parts Information

Part Number	Description
12052834	RETAINER, CPA
88988974	RETAINER, CPA
54590003	RETAINER, CPA (J-38125 SIR Tray)
GM P/N 12345579 (in Canada, use P/N 10953481)	LUBRICANT, DIELECTRIC SILICONE (1 oz / 29 ml TUBE)

Note: If the CPA retainer P/N 54590003 (Orange CPA) cannot be located in the J-38125 SIR Terminal Repair Kit, contact Kent Moore Tools @ 1-800-GM-TOOLS and order P/N 54590003-PKG to obtain a package of 5.

Warranty Information

Important: Select the appropriate Labor Operation for the repair that is performed.

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
N6624 (MY2009 and Prior)	Occupant Safety Wiring and/or Connector Repair or Replacement	Use Published Labor Operation Time
N6650 (MY2010)	Terminal Replacement	
N6654 (MY2010)	Connector Reconnection	

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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