

# **2008 - 2009 Cadillac XLR: Service Bulletin: #08-09-41-002H: Diagnostic Information for Supplemental Inflatable Restraint (SIR) System, Intermittent AIR BAG Indicator/Lamp Illuminated**

## **#08-09-41-002H: 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 - (Nov 15, 2016)**

**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  
2008-2014 Buick Enclave  
2006-2011 Cadillac DTS  
2007-2014 Cadillac Escalade Models  
2008 - 2009 Cadillac XLR

2008-2011 Cadillac STS  
2008-2014 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  
2006-2014 Chevrolet Corvette,  
Impala, Malibu Models (includes  
Malibu Classic)  
2007-2009 Chevrolet Equinox  
2007-2014 Chevrolet Avalanche,  
Silverado, Suburban, Tahoe  
2008-2014 Chevrolet Express  
2009-2014 Chevrolet Traverse  
2005-2009 GMC Envoy Models  
2007-2014 GMC Acadia, Sierra,  
Yukon, Yukon Denali, Yukon XL,  
Yukon Denali XL  
2008-2014 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

**Attention:**

This Bulletin also applies to any of the

above models that may be Export from North America vehicles.

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This Bulletin has been revised to add the 2013-2014 Model Years and Update Labor Operation information. Please discard Corporate Bulletin Number 08-09-41-002G.

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## 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.

1. Perform the Diagnostic System Check-Vehicle.
2. 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.
3. 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.
4. Turn *OFF* the ignition and disable the supplemental inflatable restraint (SIR) system. Refer to *SIR Disabling and Enabling* in SI.
5. *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.

1. Connect the electrical connector, and install the CPA retainer.
2. Enable the supplemental inflatable restraint (SIR) system. Refer to *SIR Disabling and Enabling* in SI.
3. Clear the DTC with a scan tool.
4. 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,<br>use P/N 10953481) | LUBRICANT, DIELECTRIC<br>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 Bosch Automotive Service Solutions @ 1-800-GM-TOOLS and order P/N 54590003-PKG to obtain a package of 5.

### Online URL:

<https://www.xlr-net.com/knowledgebase/article/2008-2009-cadillac-xlr-service-bulletin-08-09-41-002h-diagnostic-information-for-supplemental-inflatable-restraint-sir-system-intermittent-air-bag-indicator-lamp-illuminated-4.html>