



Service Bulletin

File in Section: -

Bulletin No.: PI1357

Date: December, 2014

PRELIMINARY INFORMATION

Subject: Air Bag Light On, Service Air Bag Message Displayed on DIC

Models: 2014-2015 Buick Enclave
2014-2015 Chevrolet Traverse
2014-2015 GMC Acadia

Attention: This PI also applies to the above models that may be Middle East, Israel, Chile, Colombia and China Export vehicles.

Condition/Concern

Some customers may comment that the air bag light is on and a "Service Air Bag" message is being displayed on the driver information center (DIC).

Technicians may find codes B001E, B0014, B0015, B0021 and B0022 with symptom bytes 04 or 0D set as current or in history.

This condition may be caused by high resistance due to the crimping of the terminals in the front seat X333, X332, F106D, F106DA and F106P connectors.

Recommendation/Instructions

To resolve this condition, the female terminals of the affected connector(s) should be soldered at the crimp using the procedure below. Perform this procedure below only to the female terminals, performing any service to the male terminals may result in damage to the terminal or connector. Only perform the repair on the appropriate seat based on the DTC(s) set.

Warning: *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 SIR Disabling procedure. Refer to the SIR Disabling and Enabling in SI.

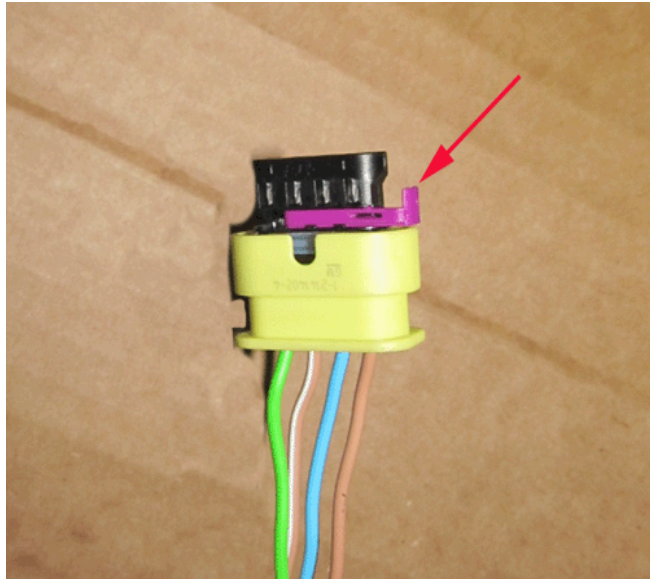
Note: If performing the Disabling Procedure-Negative Battery Cable in SI, complete step 2 before disconnecting negative cable.

2. Move the front seat(s) that the repair is being performed on to the most rearward and upward position to access the connector(s).



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3. Disconnect the connector(s) X333 or X332.
4. Remove 76 mm (3 in) of tape from the body side of the connector to gain access to the wires.

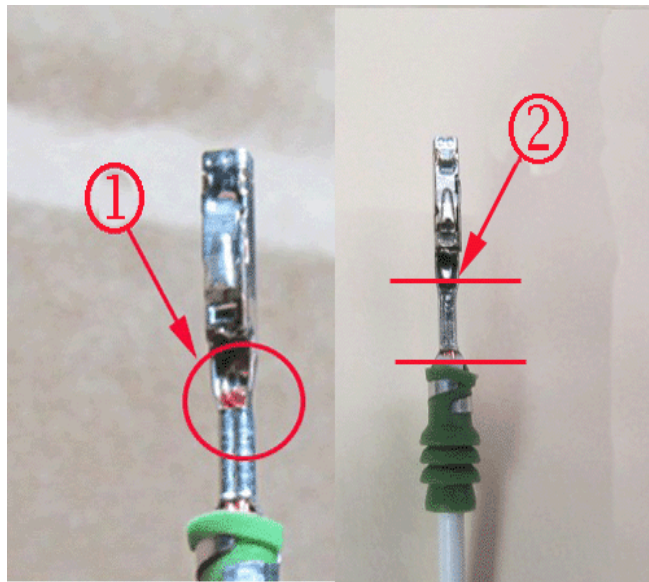


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Note: A yellow 4-way connector (passenger) as shown above is similar to the 6-way yellow connector (driver).

5. Remove the terminal position assurance (TPA) lock as shown above.

Note: Always use care when removing a terminal position assurance (TPA) in order to avoid damaging it.



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6. Remove each terminal using the J-38125-12A and add a small amount of solder to the crimp.
 - Point the terminal upward so the solder does NOT flow into terminal.
 - Cover the exposed wires (1) with solder in the terminal.
 - Fill the crimp of terminal with solder (2).

Caution: Use of a small amount of solder is required or possible terminal damage or improper terminal fit into connector could result.

Note: Use rosin core lead solder. The higher the lead content the better as it has lower melting point.

Warning: *DO NOT use soldering equipment that is battery or electric powered. These types of soldering irons can induce voltage into the circuit, which may cause inflator module deployment and/or damage to electrical components. Use only the EL-38125-5 Ultra Torch or another butane fueled soldering iron when working on SIR circuits.*

7. Re-install each terminal and the terminal position assurance (TPA) lock.
8. Wrap woven polyester electrical tape (PET) or equivalent anti-abrasion tape or electrical tape around the exposed wires that was removed in a previous step.
9. Reconnect the connector X333 or X332.
10. If the negative battery cable is disconnected, reconnect the cable to perform the next step.
11. Move the affected seat(s) to the most forward position to access the front seat side airbag connector(s) and disconnect the negative battery cable again, if necessary.
12. Remove the front seat back cushion finish panel of the seat(s) being worked on. Refer to the Front Seat Back Cushion Finish Panel Replacement in SI.



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13. Disengage the j-channel retainers from the seat back cushion frame.



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Note: The illustration above is of the driver's seat. The passenger seat will only have the seat airbag outboard connector (2) on the right side of the seat.

14. Disconnect the front seat back airbag inboard (1) and/or outboard (2) connector(s).
15. Perform steps 5 through 8 to the connector(s).
16. Reconnect the inboard and/or outboard connectors.
17. Enable the SIR system. Refer to the SIR Disabling and Enabling in SI.
18. Clear any sensing and diagnostic module (SDM) DTCs using a scan tool. Verify that the airbag indicator is NOT displayed on the instrument panel cluster (IPC). If DTCs appear after clearing the SDM, refer to the appropriate diagnostic information in SI.

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
6480118*	Solder the front seat SIR connectors' terminals	0.7 hr
Add	Solder the driver and passenger front seat SIR connectors' terminals	0.4 hr

*This is a unique Labor Operation for Bulletin use only. It will not be published in the Labor Time Guide.