



Service Bulletin

File in Section: -

Bulletin No.: 16-NA-302

Date: September, 2016

TECHNICAL

Subject: Airbag Light Intermittently Comes On When Wipers are Activated, DTC B0021 Set

This Bulletin replaces PIC6159. Please discard PIC6159.

| Brand: | Model: | Model Year: | | VIN: | | Engine: | Transmission: |
|-----------|--------|-------------|------|------|----|---------|---------------|
| | | from | to | from | to | | |
| Chevrolet | Camaro | 2016 | 2016 | | | | |

| | |
|-----------------------------------|---|
| Involved Region or Country | North America and N.A. Export Regions |
| Condition | Some customers may comment that the airbag warning light comes on intermittently when the wipers are activated. The Technician may find DTC B0021 set. |
| Cause | This condition may be caused by electromagnetic interference in the body harness. |

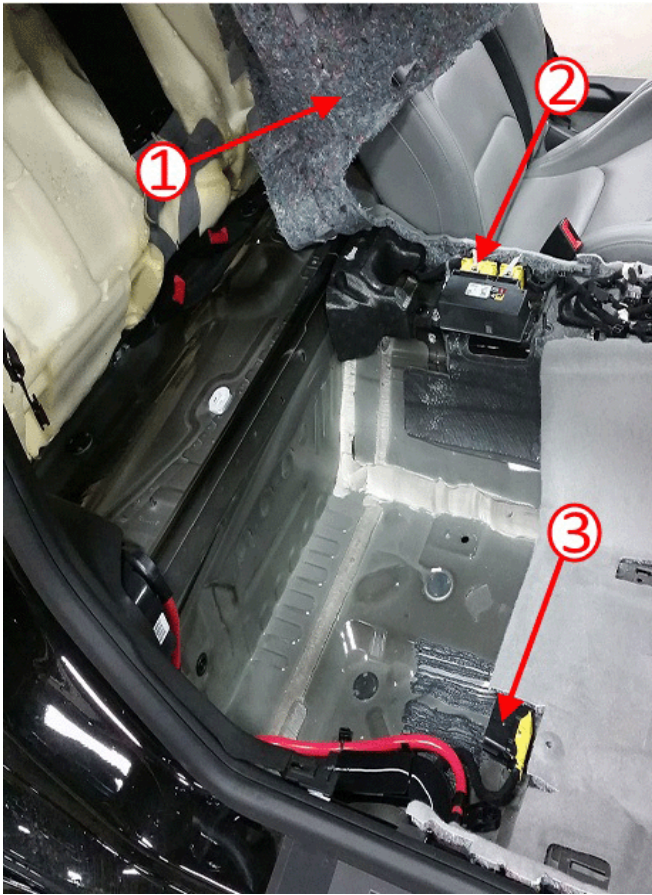
Correction

Important: This issue is **NOT** a safety concern. If this concern is occurring for the reason described in this bulletin, the air bags will still deploy in the event of a collision/possible rollover.

If this condition has been duplicated with the wiper activation and the airbag light intermittently coming on **only**, the 3067 and 3066 circuits between the K36 Inflatable Restraint Sensing and Diagnostic Module (SDM) X2 and the X320 Passenger Seat Harness must be separated from the body harness.

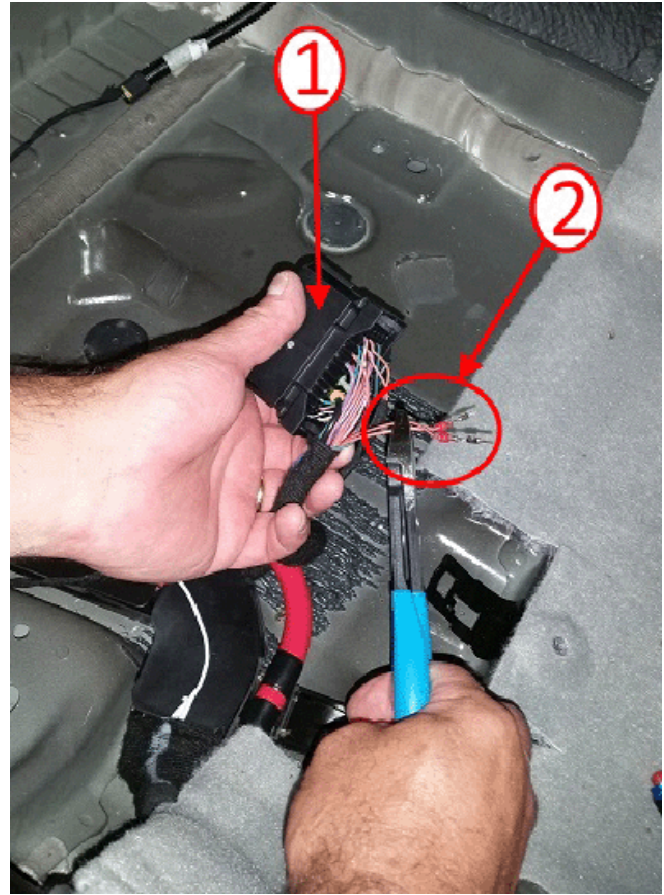
Service Procedure

1. Disconnect the negative battery cable.
2. Remove the transmission control knob. Refer to *Transmission Control Lever Knob Replacement* in SI.
3. Remove the front floor console. Refer to *Front Floor Console Replacement* in SI.
4. Remove the front passenger side seat. Refer to *Driver or Passenger Seat Removal and Installation* in SI.



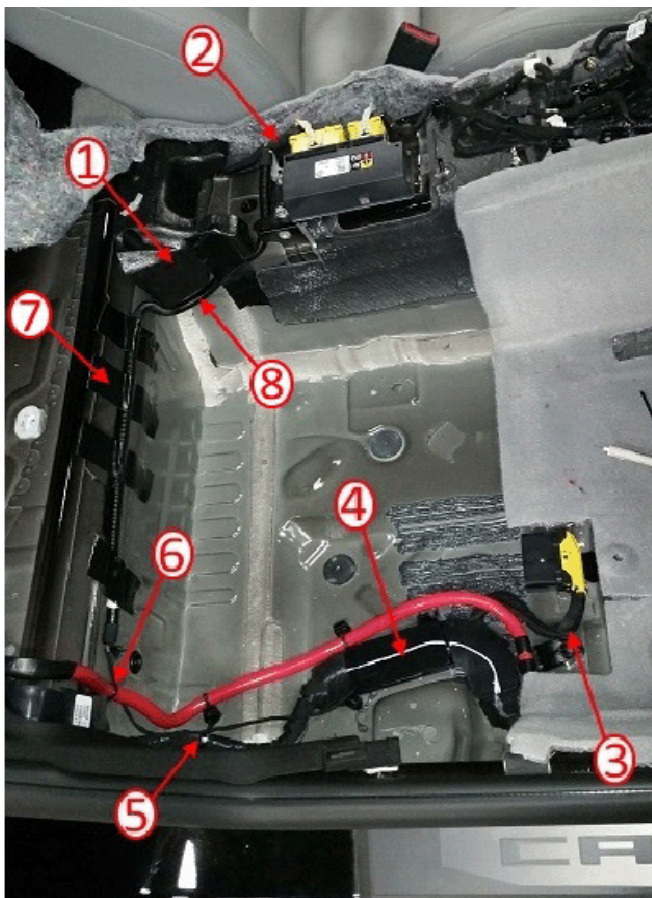
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5. Separate the passenger side rear floor panel carpet (1) and position aside.
6. Disconnect the SDM X2 electrical connector (2).
7. Remove the connectors protective terminal cover from the X2 connector and the X320 connector (3).



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8. Locate the Passenger Side Impact Module Low Control wire (Bn/Og) and Passenger Side Impact Module High Control wire (Og/Gy). Refer to *Master Electrical Component List* in SI for connector pin location.
9. From **both** ends of the body harness wiring:
 - 9.1. Remove the terminals from the electrical connector (1).
 - 9.2. Using care, cut the terminals (2) from the wires.
 - 9.3. Using heat shrink tubing, apply to the ends of the wires and seal.
10. Install male terminals from the new wiring harness into their respective cavity in the X320 connector.
11. Install connector terminal cover.
12. Using Woven Polyester Electrical Tape (PET), tape the new harness to the body harness ensuring that the tape is applied in a double layer from the base of the connector and extending along the harness for 75-100 mm (3-4 in).



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13. Open the body harness routing console (4) and route the new harness through.
14. Secure the new harness to the body wiring harness with tie straps (5).
15. Route the new wiring harness under the positive battery cable through the valley of the rear vertical surface of the floor pan (6).
16. Install female terminals from the new wiring harness into their respective cavity in the X2 connector.

17. Using heat shrink tubing, apply to the ends of the wires and seal.
18. Install connector terminal cover.
19. Using Woven Polyester Electrical Tape (PET), tape the new harness to the body harness ensuring that the tape is applied in a double layer from the base of the connector and extending along the harness for 75-100 mm (3-4 in).
20. Install the electrical connector into the module (2).
21. Allowing for strain relief, route the new harness (7) under the center consoles padding (1), across the tunnel to the valley on the rear vertical surface of the floor pan and secure it using a mastic tape (8).
22. Install the carpeting.
23. Install the center floor console.
24. Install the transmission control knob.
25. Install the passenger side seat.
26. Connect negative battery cable.
27. Activate windshield wipers and validate the SIR light concern has been repaired.

Parts Information

| Description | Part Number | Qty |
|-------------|---------------------|-----|
| 84108443 | Kit, Wiring Harness | 1 |

Warranty Information

| Labor Operation | Description | Labor Time |
|--|---|------------|
| 5480228* | Install Wiring harness between SDM and X320 Connector | 1.5 hrs |
| *This is a unique Labor Operation for Bulletin use only. | | |

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|----------|---|
| Version | 1 |
| Modified | |

