



Preliminary Information

PIT5759H Service Safety Restraints System With DTC B14DC SYM 1B and/or 13

Product Investigation Review Required

Models

| Brand: | Model: | Model Years: | VIN: | | Engine: | Transmissions: |
|-----------|-----------------|--------------|------|-----|---------|----------------|
| | | | from | to | | |
| Cadillac | Escalade Models | 2021 | All | All | All | All |
| Chevrolet | Suburban | 2021 | All | All | All | All |
| Chevrolet | Tahoe | 2021 | All | All | All | All |
| GMC | Yukon Models | 2021 | All | All | All | All |

| | |
|----------------------------|--|
| Involved Region or Country | North America |
| Additional Options (RPO) | AYQ |
| Condition | Some customers may comment on a "Service Safety Restraints System" message displayed on the DIC. When checking for DTCs, a B14DC symptom 1B and/or 13 will be set in the K36 Restraints Control Module. This DTC is for an open or high resistance in the F106DA Driver's front seat inboard airbag deployment loop. |
| Cause | High resistance at the F106DA Driver's front seat inboard air bag connector. |

Correction:

- PLEASE MAKE SURE GDS2 IS ON THE LATEST VERSION OR THE RESISTANCE VALUE FOR LOOP 13 WILL BE INCORRECT. The latest version of GDS2 has been updated and now can be used to monitor the Driver's front seat inboard air bag deployment loop resistance. Deployment loop 13 is for the Driver's front seat inboard air bag and can be found in GDS2 with the following pathing: Module Diagnostics/ K36 Restraints Control Module/ Data Display/ Deployment Loop 1-14 Resistance Data.
- If unable to duplicate the concern, it may help if the technician sits in the driver's seat and applies pressure to the inboard side of the seat back with his/her back. Use GDS2 to monitor the deployment loop 13 resistance. Normal resistance is between 1.74 – 3.41 ohms.
- If it is found that the F106DA Driver's front seat inboard air bag connector is the cause of the high resistance then replace it with a new updated pigtail connector part number 13530533 obtained from CCA parts.

Note: If there is any butyl tape over top of the air bag connector it can be removed and discarded.

- To disconnect the F106DA Driver's front seat inboard air bag connector the air bag will need to be removed from the seat, follow SI service procedure.

Note: Hold both sides of the zipper straight while unzipping the seat cover or zipper damage will occur.

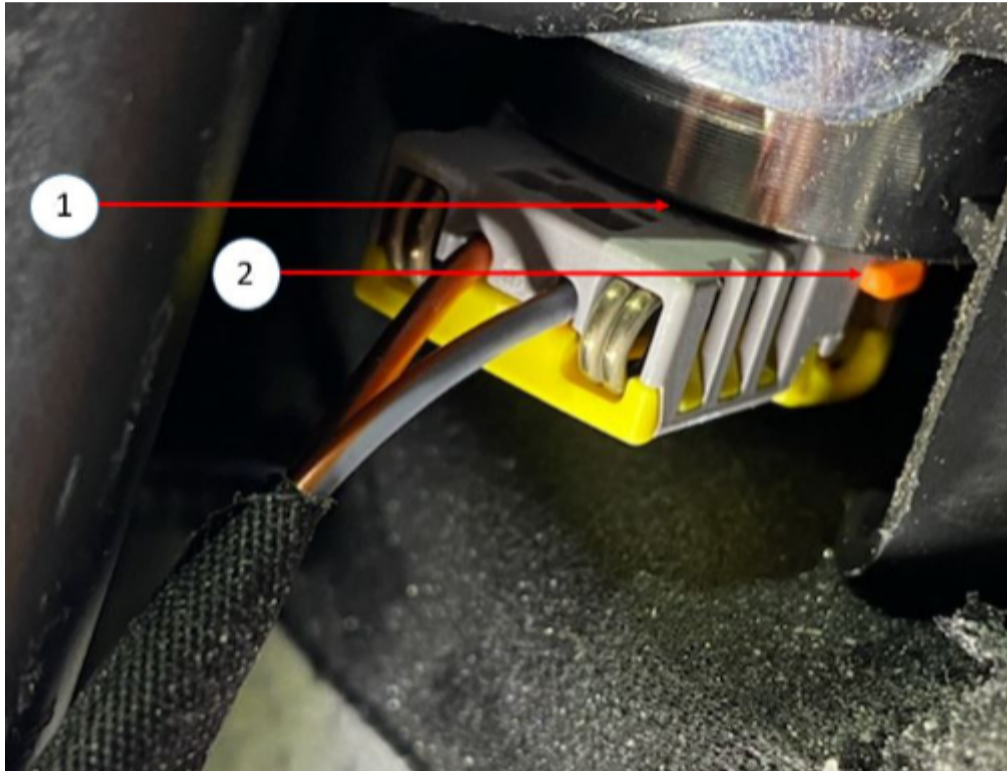
- Cut off the old air bag connector and splice in the new pigtail connector using two DuraSeal splice sleeves per

the Wire-to-Wire Repair located in SI, Document ID 5214974.

- Reconnect the F106DA Driver's front seat inboard air bag connector (shown below) and make sure it is fully seated tight up against the airbag (1). Also, make sure the orange CPA is fully seated (2), as shown below.
- Reinstall the driver's inboard air bag and torque the fasteners to 7 Nm (62 lb in).
- Reassemble the seat following SI service procedure.

Note: Hold both sides of the trim together while pulling straight down on the seat cover zipper or zipper damage will occur.

- Use GDS2 to monitor the deployment loop 13 resistance. Verify the resistance is within the normal range and the DTC does not return.



Parts Information

| Description | Part Number | Quantity |
|---|-------------|----------|
| Salmon Splice Sleeve | 19300089 | 2 |
| Pigtail Connector - Driver's front seat inboard air bag | 13530533 | 1 |

Warranty Information

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

| Labor Operation | Description | Labor Time |
|--|---|------------|
| *6486068 | PIT5759H - Scan for DTCs, replace the Drivers front seat inboard airbag pigtail connector, and retest | 1.0 Hrs. |
| *This is a unique Labor Operation for Bulletin use only. | | |

Version History

| Version | |
|----------|--|
| 9 | |
| Modified | <p>07/23/2020 - Created on.</p> <p>07/29/2020 - Updated correction sections to add note and torque spec</p> <p>08/03/2020 - Updated to add the taping information in the Correction and edit labor op description and time.</p> <p>08/18/2020 - Updated the taping procedure in the correction.</p> <p>09/11/2020 - Updated the Model list, Correction and admin details</p> <p>09/30/2020 - Updated the Cause, Correction, Parts and Warranty section</p> <p>10/19/2020 - Updated the Models and Warranty sections.</p> <p>10/22/2020 - Updated the Correction Sections</p> |

10/27/2020 - Updated the Correction, Parts and Warranty Sections to remove the WPC p/n and add the CCA parts information.



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