

# Special Service Message

NOTE: A Special Service Message is a formal communication issued by Land Rover and carries the same importance of a Technical Service Bulletin. An SSM is a quick method of communicating "Need To Know" information to the technical service community. SSM's may be issued in advance of a technical bulletin or may be the only communication on a given topic. All information contained in Land Rover technical communications are intended for use by trained, professional technicians with the knowledge, tools, and equipment required to complete the procedure correctly and safely. It informs the Technicians of conditions that may occur on some vehicles, or provides information that could assist in correct vehicle and diagnostic service.

SSM 74654 - L551 20MY – Airbag (AMBER) Warning Light, B0020-13/  
B0028-13 Logged in RCM for Open Circuit

**Models :** Evoque / L551 (SALZT2GX3KH000021 -  
SALZA2BX1LH015289)

**Engineer** Chris Davies

**Name :**

**Last** 06 DEC 2019 10:59:45

**Modified :**

**Category :** Body

**Symptom :** 104000 Restraint Systems

**Content :** **Issue:**

Customer reports that the Airbag (AMBER) warning light is intermittently displayed on the Instrument Panel. Warning light can potentially be permanent, depending on extent of failure.

**Cause:**

The issue occurs when there is poor pin tension on female pins 21 and 22 on the main harness in either connector C33C Beneath LH front seat or C33A Beneath RH Front seat or both.

**Action:**

**Please note: A harness replacement is not guaranteed to fix the customers concern within the stated vehicle range, it is more cost effective and robust to repair the harness.**

1. Connect the JLR approved battery support unit
2. Connect the JLR approved diagnostic equipment to the vehicle and begin a new session.
3. Using the Jaguar Land Rover approved diagnostic equipment, check data logger signals – Deployment Control 5 Resistance (0x5B08) (Left Side Airbag), and Deployment Control 7 Resistance (0x5B0A) (Right Side Airbag). Refer to the electrical circuit diagrams and

check the left & right side airbag circuits for open circuit, high resistance. *The resistance specification of the left side airbag is 1.70 to 3.28 at a temperature between -40°C and 85°C.*

4. Disconnect the left and right side airbag connectors and confirm that the female pins are secure and have good tension at pin locations 21 & 22.

5. If the issue is confirmed with the pins, **Do not replace the harness**, please repair the harness either using Pre terminated leads (418-439) or the Restraint circuit repair kit (LR110730) available through EPC. Please ensure that the repair is carried out in line with the harness repair procedure Topix workshop manual (418-02)

An update in Topix (Section 100-00 > Description and Operation > Diagnostic Trouble Code Index DTC: Restraints Control Module (RCM) is currently in progress and will supersede this SSM, due for release in January 2020.