

Technical product information

Topic	Seat Belt and Safe Guard Alerts - Mechanical malfunction DTC B101C07 evident within 0015
Market area	Bentley: worldwide (2WBE),China 796 VW Import Comp. Ltd (Vico), Beijing (6796)
Brand	Bentley
Transaction No.	2079835/1
Level	EH
Status	Released for publishing
Release date	Jan 20, 2026

Event memory entries

Diagnostic address	Event memory entry	Fault type	Fault status
0015 - Airbag	B101C07: Driver seat belt switch mechanical malfunction		Intermittent
0015 - Airbag	B101C07: Driver seat belt switch mechanical malfunction		static

New customer code

Object of complaint	Complaint type	Position
lighting system, signalling -> sound signals -> "seat belt reminder" acoustic warning	functionality -> does not end	
occupant protection, pedestrian protection -> operation, control -> seat belt warning	functionality -> does not switch off	
occupant protection, pedestrian protection -> operation, control -> seat belt warning	functionality -> warning signal sounds without reason	
lighting system, signalling -> sound signals -> "seat belt reminder" acoustic warning	functionality -> warning signal sounds without reason	

Vehicle data

24-26MY | All Models

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
***	2024	E		*	*	*
***	2025	E		*	*	*
***	2026	E		*	*	*

Documents

Document name
master.xml



Connection offline

Technical product information

Transaction No.:

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Seat Belt and Safe Guard Alerts - Mechanical malfunction DTC B101C07 evident within 0015

Customer statement / workshop findings

Customer Statement

While driving, the seat belt warning system suddenly comes on and a system safe guard warning also appears in the Driver's Instrument Panel (DIP).

Workshop Findings

Customer statement can be verified and the following DTC is stored in the airbag control module (address word 0015):

- B101C07: Driver seat belt switch mechanical malfunction (passive/sporadic)

Technical background

If no change in seat belt status—meaning the insertion or removal of the Seat belt latch insert as monitored by the buckle switch—is detected over five consecutive driving cycles, the airbag control unit (diagnostic address 0015) stores the DTC 'B101C07: Driver seat belt switch mechanical malfunction, static' in the event memory.

A safe guard warning also appears in the instrument cluster, as it is suspected that a belt dummy is being used. If the seatbelt was kept permanently latched while the vehicle was in use, clarification is needed from the customer to confirm that the seatbelt was operated as intended—latched and unlatched during each drive cycle.

If the DTC shown above is present and the customer confirms that the seatbelt is operating as intended, please raise a full technical DISS query.

This safety feature will be implemented in all current and future Bentley models.



A driving cycle is: unlock door, open door, close door, fasten seat belt, switch ignition on and drive, then stop, unfasten seat belt, switch ignition off, open door to exit vehicle, close and lock door.

A change in belt status means: The insertion and removal of the latch insert is monitored by a microswitch.

A belt dummy is a latch insert in the belt buckle that is intended to suppress the visual and acoustic warnings that are triggered by the belt-fastened sensor if the seat belt is not fastened. The same symptom is identified if the driver inserts the seat belt in the belt buckle and sits on top of the fastened belt, i.e. does not wear the seat belt. Another variant is if the front passenger's seat belt is inserted in the driver's belt buckle.

One driving cycle with correct use of the seat belt is enough to change the event memory entry in the airbag control unit to "intermittent". The pre sense warning no longer appears as a result.

Production change

Not applicable

Measure

Customer Communication Guidance

Please inform the customer that Bentley's safety systems are designed to function optimally only when the seat belt is worn correctly. The seat belt warning system, including the belt recognition feature, serves as a prompt to encourage proper usage and to reinforce the importance of seat belt safety.

If the customer completes a full driving cycle with the seat belt fastened correctly, the event memory entry in the airbag control unit will be marked as intermittent. Consequently, the warning will no longer be displayed, and it is not necessary to manually erase the event memory.

Additional Technical Context:

The airbag control unit may log a diagnostic trouble code (DTC) if it detects repeated instances of the seat belt being unfastened during driving. This can occur in two scenarios:

- The ECU assumes a mechanical fault in the belt buckle due to inconsistent or incorrect seat belt usage.
- Alternatively, if the customer regularly drives with the seat belt disconnected and ignores the warning chime, the system interprets this behaviour as a potential mechanical malfunction.

In these cases, confirm with the customer how they are using the seatbelt. Specifically, verify whether they are using any device or accessory that could interfere with the buckle recognition system, or if the seatbelt is not being used as designed.

Before raising a full technical DISS query, confirm that no defeat device or dummy buckle is being used and that the seatbelt is being operated as intended.

Warranty accounting instructions

It is not permitted to replace the belt buckle.

Billing is not possible as this is not a technical problem.