



Technical Service Bulletin

34 Service info: “Vehicle electronics: fault. Shift to P before leaving vehicle.” U112300, B101C07

34 24 74 2076134/2 December 6, 2024. Supersedes Technical Service Bulletin Group 34 number 24-73 dated November 26, 2024 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A3, and S3	2025	All	Not applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised header (Add PR codes)
1	11/26/024	Initial publication

Customer statement:

The following message intermittently appears in the instrument cluster: *“Vehicle electronics: fault. Shift to P before leaving vehicle. Please contact workshop”*.

There are no further instrument cluster messages (yellow/red), and no functional issues can be found on the vehicle.

Technical Background 1

Analysis has shown that customers for whom this message appears in the instrument cluster (without any other functional issues occurring) drive the vehicle either with a seat belt permanently fastened (e.g. misuse with dummy seat belt clips) or permanently unfastened (e.g. when maneuvering). In other words, this issue occurs when there is no change in the belt recognition status between driving cycles.

As part of the leaving concept (roll-away prevention), the driver’s presence is checked using measures such as monitoring the belt buckle. If the belt buckle is permanently fastened or unfastened across several consecutive driving cycles, this is detected as implausible by the vehicle and causes the message *“Vehicle*



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electronics: fault. Shift to P before leaving vehicle. Please contact workshop” to appear in the instrument cluster.

To be precise, the last five driving cycles are evaluated (driving cycle = unlocking, door opened/closed, ignition on, above 10 km/h, ignition off, door opened/closed, locking). If the status of the belt buckle does not change between driving cycles, the message appears in the instrument cluster and the following event memory entries are logged:

5 driving cycles with belt permanently fastened: *“U112300 Data bus error value received (symptom 8667429)”* in diagnostic address 0009 (onboard supply control unit) **and** *“B101C07 Driver seat belt switch mechanical malfunction”* in diagnostic address 0015 (airbag control unit).

5 driving cycles with belt permanently unfastened: *“U112300 Data bus error value received (symptom 8667429)”* in diagnostic address 0009 (onboard supply control unit). No event memory entry in airbag control unit (diagnostic address 0015).

The driving cycle counter can be read out in the measured value *“Extended belt switch diagnostic IDE12257”* in the airbag control unit (diagnostic address 0015). If it is detected that the belt has been unfastened/fastened correctly again, the counter is reduced by 2.

Erasing the event memory entry *“U112300 Data bus error value received (symptom 8667429)”* in diagnostic address 0009 (onboard supply control unit) resets the counter to zero.

Production Solution

Not applicable.

Service

If there are no other messages in the instrument cluster (yellow/red) and if no functional issues can be found on the vehicle, inform the customer about the belt buckle monitoring function, and advise them not to drive with the seat belt permanently fastened or permanently unfastened across several driving cycles.

Warranty

This is not a fault which is covered under warranty. It is not possible to bill for fault finding and/or component replacement under warranty.



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Additional Information

All part and service references provided in this TSB (**2076134**) are subject to change and/or removal. Always check with your Parts Department and/or ETKA for the latest information and parts bulletins. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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