

Technical Service Bulletin

Topic	34 Service info: "Vehicle electronics: fault. Shift to P before leaving vehicle." U112300, B101C07
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Audi
Transaction No.	2076134/3
Level	EH
Status	Released for publishing
Release date	Mar 24, 2025

Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
0009 - Electronic central electric	U112300: Data bus error value received		static
0009 - Electronic central electric	U112300: Data bus error value received		Intermittent

New customer code

Object of complaint	Complaint type	Position
information, navigation, communication, entertainment -> malfunction display symbols -> vehicle electrical system malfunction indicator	functionality -> activates	
information, navigation, communication, entertainment -> malfunction display symbols -> vehicle electrical system malfunction indicator	functionality -> activates without cause	
information, navigation, communication, entertainment -> malfunction display symbols -> faulty selector lever malfunction display	functionality -> activates	
information, navigation, communication, entertainment -> malfunction display symbols -> faulty selector lever malfunction display	functionality -> activates without cause	
information, navigation, communication, entertainment -> malfunction display symbols -> central locking system malfunction indicator	functionality -> activates	
information, navigation, communication, entertainment -> malfunction display symbols -> central locking system malfunction indicator	functionality -> activates without cause	

Vehicle data

Audi A3

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
8Y*	2025	A		*	*	*

PR numbers

PR numbers
?:with OEG
?:or ?:with OEX

PR numbers
?:or ?::with OIC
?:or ?::with OIH
?:or ?::with OIJ
?:or ?::with OIX

Documents

Document name
master.xml

Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised header (Corrected PR code)
2	12/06/2024	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

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 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.

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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