

Technical Service Bulletin

Topic	57 Workshop info: manual release mechanism for exterior door handles is triggered
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Audi
Transaction No.	2079351/1
Level	EH
Status	Released for publishing
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Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
00BB - Rear drivers side door electronics	B1908F0: Crash response active		Intermittent
0052 - Passenger's door electronics	B1908F0: Crash response active		Intermittent
0052 - Passenger's door electronics	B1908F0: Crash response active		static
0042 - Driver's door electronics	B1908F0: Crash response active		Intermittent
00BC - Rear passenger side door electronics	B1908F0: Crash response active		static
00BB - Rear drivers side door electronics	B1908F0: Crash response active		static
0042 - Driver's door electronics	B1908F0: Crash response active		static
00BC - Rear passenger side door electronics	B1908F0: Crash response active		Intermittent

New customer code

Object of complaint	Complaint type	Position
body attachments and installations -> doors	functionality	
body attachments and installations -> doors, lids operation	functionality	
access control, start authorization, anti-theft protection -> locking/unlocking vehicle	functionality	
body attachments and installations -> doors, lids operation	component, automotive fluids	
body attachments and installations -> doors	component, automotive fluids	

Vehicle data

Audi A5, A6 e-tron

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
FU*	2025	A		*	*	*
GH*	2025	A		*	*	*

Documents

Document name

master.xml

Condition

Customer states:

The manual release mechanism for the exterior door handles is ejected for no reason (refer to image taken from Owner's Manual).

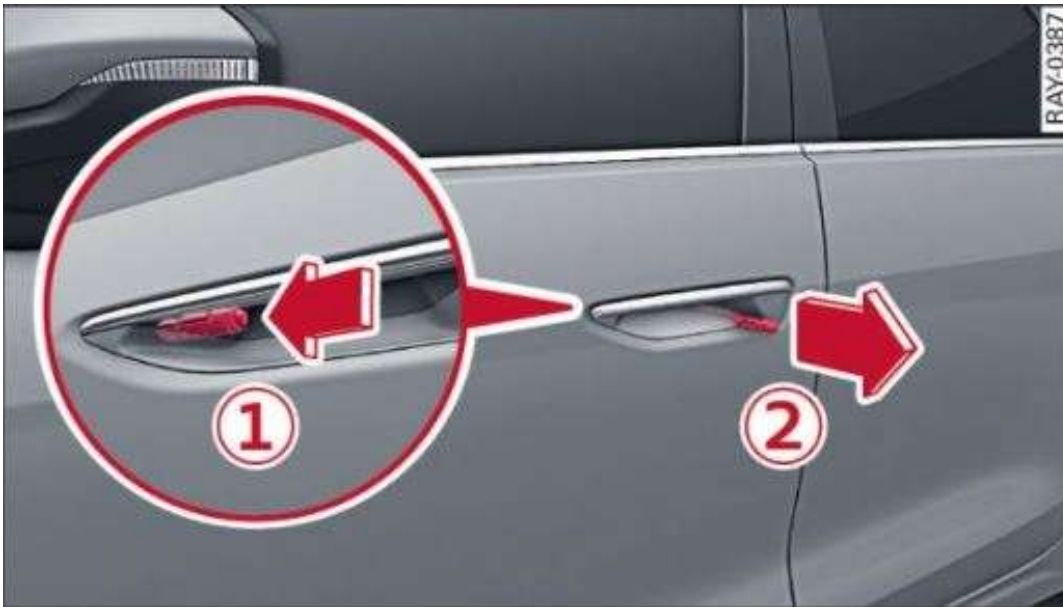


Figure 1. Manual release mechanism for the door handles.

Workshop findings:

There is no apparent reason (e.g. an accident) why the manual release mechanism has been ejected.

The following event memory entry is logged in at least one door control unit (diagnostic addresses 0042, 0052, 00BB, 00BC):

- **B1908F0:** Crash response active.

The following event memory entry may also be logged in the convenience system central module (diagnostic address 0046):

- **U112100:** Data bus missing message - symptom: 86111.

Technical Background

There are further technical reasons why the manual release mechanism may be ejected in addition to the reasons stated in the Owner's Manual (an accident, manual release of the pin for the manual release mechanism)

- Vehicle battery is discharged/weak.
- Driver's door unlocked via emergency power supply at front bumper.
- Missing signals from airbag (fallback function relating to crash detection).

- Sudden interruption of a diagnostic session while terminal 15 is switched on.
- Unplugging of control units involved in signal transmission while terminal 15 is activated (e.g. airbag, J1312 control unit for drive system and running gear functions (HCP1), J1273 central control unit for data bus communication (HCP5), J519 onboard supply control unit (HCP4), door control unit, exterior door handle).
- Implausible signal chain of verified messages when programming the VKMS (vehicle key management system).

Production Solution

Not applicable.

Service

Please check whether one of the causes listed under *Technical Background* could have applied.

Workshop activities in particular could lead to the manual release mechanisms being ejected.

Event memory entries logged in various diagnostic addresses at a date/time corresponding to the complaint may provide further indications as to the cause. For example:

- Wiring-related entries
- Airbag signal message failures

If there are indications that the issue may have occurred due to other causes (e.g. via additional event memory entries), please work through these using workshop materials.

If there are no further indications as to the cause or if the manual release mechanisms were triggered during the workshop visit, re-insert the pins for the manual release mechanism (refer to Owner's Manual). It is not necessary to perform further checks on the manual release mechanisms.

Warranty

The reasons listed under *Technical Background* are not a fault covered under warranty.

Other causes (e.g. wiring, failures due to control units involved in transmitting signals) must be billed separately via the corresponding service number.

It is not possible to bill for fault finding and/or component replacement under warranty via this TSB.

Additional Information

All part and service references provided in this TSB (**2079351**) 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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