

Condition

Model(s)	Year(s)	VIN Range	Vehicle Specific Equipment
Q5, Q5 Sportback, SQ5, and SQ5 Sportback (GU)	2025	000000 – 070301	Not Applicable
Q6 e-tron, Q6 Sportback e-tron, SQ6 e-tron, and SQ6 Sportback e-tron (GU)	2025	000001 – 018606	PR# 7AA

Customer states:

One of the doors cannot be opened intermittently from the outside. It can always be opened from the inside. All other doors can be opened from the outside.

Once the interior door handle of the door in question has been pulled out, it can be opened again from the outside.

Workshop findings:

The customer statement can be reproduced.

Incorrect operation, as described in the following sentence, can be ruled out in vehicles with a convenience key:

When opening the doors, care must be taken not to touch the sensor on the exterior door handle at the same time, e.g. with the thumb, otherwise the vehicle will lock again (Q6 e-tron example in figure 1).



Figure 1. The sensor is highlighted in red.

In some cases, the event memory entry "**B122D29 - Lock unit for central locking - implausible signal - passive/intermittent**" is logged in the diagnostic address of the door control unit for the faulty door.

Technical Background

Software and/or hardware issue in the door control unit or in the door lock.

Production Solution

Not applicable.

Service

With DTC B122D29 - Lock unit for central locking - implausible signal.

If this entry is not logged, please continue as described below under "Without event memory entry..."

Please check the part version of the door lock installed on the faulty door (see figure 2) without removing the component.

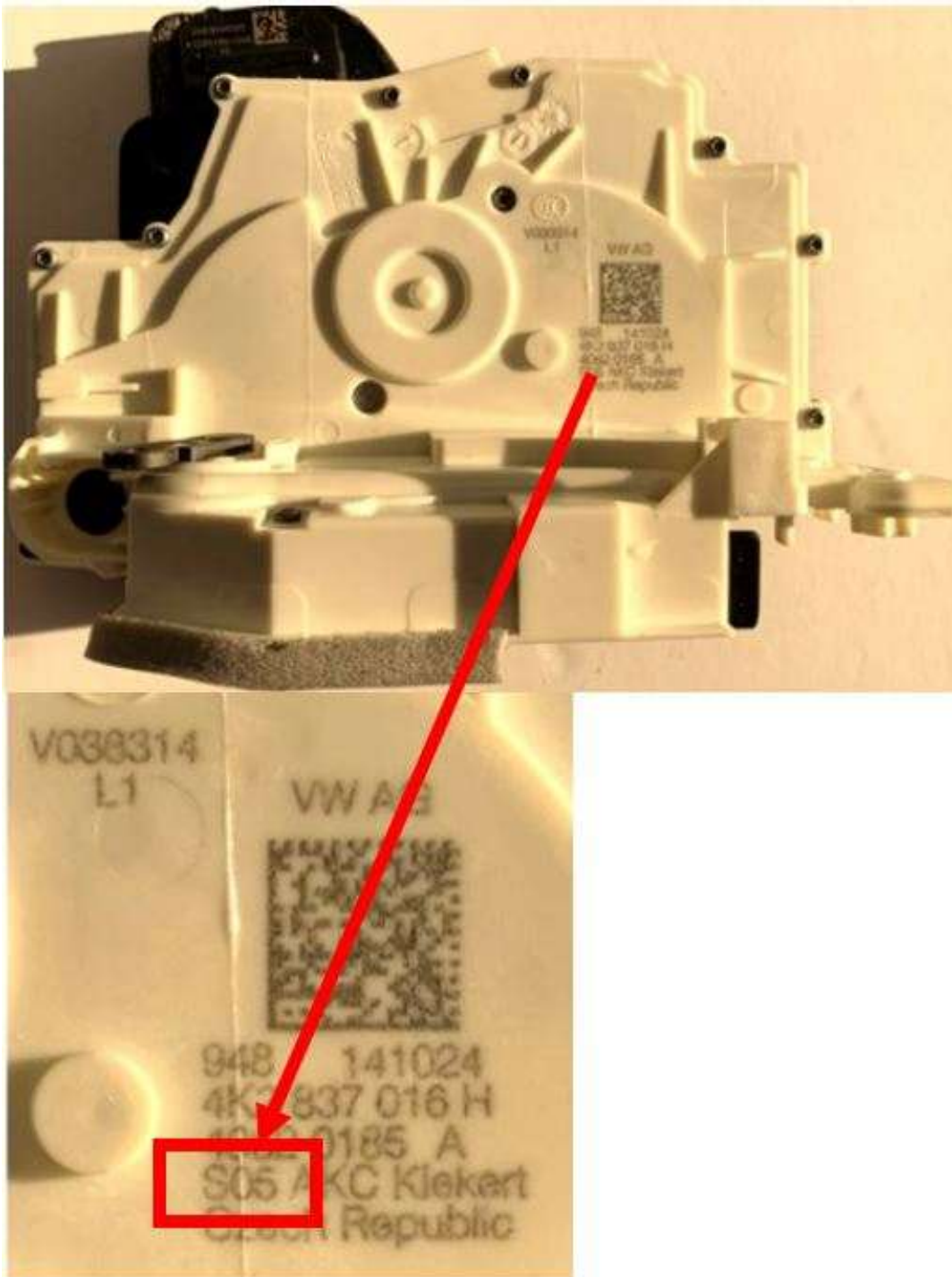


Figure 2. The part version can be seen without removing the component.

If the part version is 08S or higher, please continue as described below under "Without event memory entry..."

If the part version is 07S or lower, please continue with the following measurement:

Please measure the resistance on the installed door lock between pin 2 and pin 4 (see Figure 3) using a multimeter. To do this, the lock must be in temporary crash redundancy mode. This is initiated by removing the connector from the lock and firmly pulling the interior door handle twice.

Image 1 shows the illustration of the connector for the right door lock (see Figure 3).

Image 2 shows the illustration of the connector for the left door lock (see Figure 3).

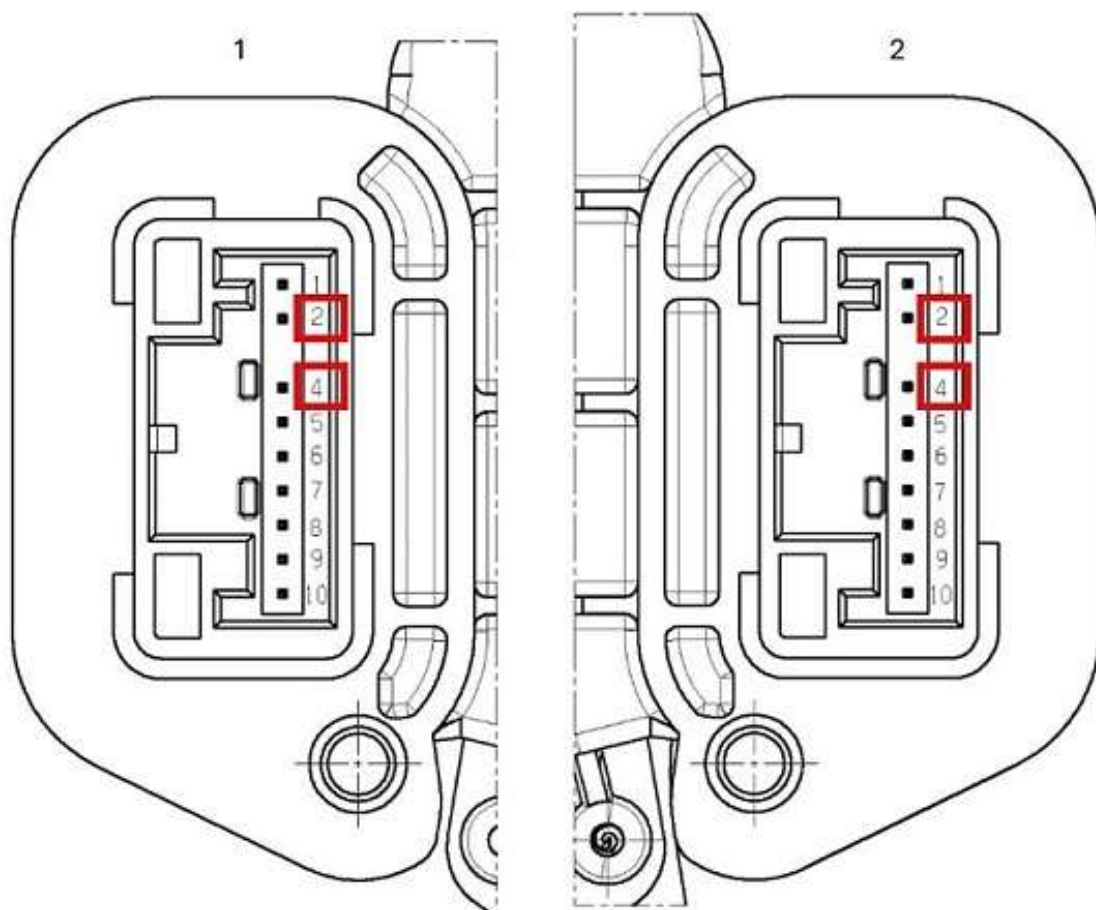


Figure 3. Illustration of the connector for the right door lock (1), and the left door lock (2).

The expected acceptable values are:

Temporary crash redundancy (TCR) (without operating door handles): **1000 ohms**

A measured value of 1000 ohms means that the lock is in TCR mode (lock can only be opened mechanically). If the value is not 1000 ohms, please pull the interior door handle twice again as far as the stop and repeat the measurement.

Switch for interior door handle = IDH

Switch for exterior door handle = EDH

IDH + TCR (operating interior door handle only): **382 ohms**

The following measurements are only for vehicles with curved door handles (e.g. Q6 e-tron and Q5 type GU):

EDH + TCR (operating exterior door handle only): **212 ohms**

IDH + EDH + TCR (operating interior and exterior door handles simultaneously): **158 ohms**

Measurement tolerance +/- 1% in each case.

Then close the door, open it again and repeat the measurement. Instead of TCR 1,000 ohms, OL (open load) is now measured.

If the results deviate from the specified values, please replace the affected door lock.

If the results correspond to the expected values, please check the lock wiring according to Guided Fault Finding. If this is OK, please replace the door control unit of the faulty door.

Without event memory entry “B122D29 - Lock unit for central locking - implausible signal”.

- **The complaint can be reproduced**

Please check whether the complaint also occurs when the vehicle is unlocked.

If so, replace the door control unit on the faulty door.

If not, postpone the repair (refer to “The complaint cannot be reproduced”).

In this case, replacing parts or attempting repairs will not fix the problem. Unjustified work/replacement parts will be charged back. Invoicing under warranty is not permitted.

- **The complaint cannot be reproduced**

Please check whether TSB 2079690, *00 Combined software update 03.10.00/C (28.13.01) KD2* is visible for this vehicle. If this is the case, please perform the software update described in TSB 2079690.

Warranty

Claim Type:	<ul style="list-style-type: none"> • If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	6438 – Problem reproduced <u>Without</u> event memory entry “B122D29 - Lock unit for central locking - implausible signal”. 5717 – Front Lock measure / replace 5817- Rear Lock measure / replace		
Damage Code:	0040		
Labor Operations:	Remove and install front door trim	7059 1900	See SRT with associated operations
	Remove and install rear door trim	7073 1900	See SRT with associated operations
	With DTC B122D29 <u>AND</u> part is 08S or higher <u>AND</u> issue reproduced with door locked/unlocked		
	Check door locks	5717 0299	10 TU
	Check door locks	5817 0299	10 TU
	Without DTC B122D29 <u>AND</u> part is 08S or higher <u>AND</u> issue not reproduced		
	Check door locks	5717 0299	10 TU
	Check door locks	5817 0299	10 TU

For software update according to TSB 2079690		
Software Update, including connecting battery charger	0151 0010	See SRT with associated operations
Fixed rate for software update, including all required preliminary and follow-up work (including bus sleep cycle, calibration drive, additional work and restarting software if flashing is aborted)	0151 0040	130 TU
With DTC B122D29 <u>AND</u> measure NOK <u>AND</u> part is 07S or lower		
Measure door locks	5717 0499	20 TU
Measure door locks	5817 0499	20 TU
Remove and install door lock	5717 1950	See SRT with associated operations
Remove and install door lock	5817 1950	See SRT with associated operations
With DTC B122D29 <u>AND</u> measure OK <u>AND</u> part is 07S or lower OR Without DTC B122D29 <u>AND</u> part is 08S or higher <u>AND</u> issue only reproduced with door unlocked		
Measure door locks	5717 0499	20 TU
Measure door locks	5817 0499	20 TU
Remove and install door control unit	6438 1950	See SRT with associated operations
After any of the above repair actions are taken		
GFF / Guided Functions	0150 0060	Time stated on the diagnostic protocol
Claim Comment:	As per TSB 2079914/1	

All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty.

Additional Information

All part and service references provided in this TSB (**2079914**) 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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