

Technical Service Bulletin



57 Central locking/parking brake warning, alarm or exterior mirror issues, DTCs B122D29, B14FF29 or U122800 store

57 23 06 2055932/9 May 5, 2023. Supersedes Technical Service Bulletin Group 57 number 21-78 dated June 21, 2021, for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q7	2017 – 2021	All	Not Applicable
A6, A7, A8, and Q8	2019 – 2021		
A8 e quattro	2020		
A6 allroad, S6, S7, S8, SQ7, SQ8, and RS Q8	2020 – 2021		
RS 6 Avant, A7 e quattro, and RS 7	2021		

Condition

Customer states:

- The message "Central locking malfunction!" or "Parking brake malfunction!" appears in the instrument cluster.
- The alarm goes off when opening the vehicle with the Advanced key.
- Exterior mirror adjusts downward when backing up, but does not return to its original position upon leaving the reverse gear.

Workshop findings:

- The affected door may temporarily not be electronically unlocked from the inside, but a mechanical opening is possible.
- Historical data of alarm activation shows door contact switch as the last reason for alarm activation.

One or more of the following DTC(s) may be stored relating to the driver door control module, J386 (address word 0042), ABS control module, J104 (address word 0003), front passenger door control module, J387 (address word 0052), and/or a rear door control modules J388 or J389 (address word 00BB or 00BC):

Driver door control module:

- **DTC B122D29** (locking unit for central locking - implausible signal).

ABS control module:

- **DTC U122800** (Driver door control unit implausible).

Front passenger door control module:



- **DTC B122D29** (locking unit for central locking - implausible signal).

Rear door control modules:

- **DTC B14FF29** (Motor for child lock, implausible signal).
- **DTC B122D29** (locking unit for central locking - implausible signal).

Technical Background

The software needs to be updated.

Production Solution

New software in the door electronics control module, J386 – J389 (0042 – drivers, 0052 passenger, 00BB rear driver's side, and 00BC rear passenger side) addressed the condition.

Service

SVM Update Instructions



Note:

A6, A6 allroad, and A7: Do not follow this TSB. Please perform Campaign 72K6 instead since it also contains the software update described in this TSB.

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions.*



Tip: Prior to performing SVM, to ensure door control modules are awake, roll all windows all the way down, then all the way back up.

2. Update the door electronics control modules (0042 – drivers, 0052 passenger, 00BB rear driver's side, and 00BC rear passenger side) using the SVM action code as listed in the table below, if necessary.

3. Perform basic settings of all four windows.



Tip: After SVM, be sure to cycle the child lock on both rear doors.

Diagnostic Address	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version	SVM Code
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0042	4M1959X93 C 4M1959953 C	0846, 0848, 0849, 0946, 0948, 0949	4M1959XXXJ	430	42A021
	4M1959X93 D 4M1959953 D	0180, 0186, 0187, 0188, 0189			
	4M1959X93 J	0421, 0425			
0052	4M1959X92 C 4M1959952 C	0846, 0848, 0849, 0946, 0948, 0949	4M1959XXXJ		
	4M1959X92 D 4M1959952 D	0180, 0186, 0187, 0188, 0189			
	4M1959X92 J	0421, 0425			
00BB 00BC	4M1959X95 C 4M1959955 C	0846, 0848, 0849, 0945, 0948, 0949	4M1959XXXJ		
	4M1959X95 D 4M1959955 D	0180, 0186, 0187, 0188, 0189			
	4M1959X95 J	0421, 0425			
	4M1959X95 D 4M1959955 D	0180, 0186, 0187, 0188, 0189			

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	4M1959X95 J	0421, 0425			
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Warranty

Claim Type:	<ul style="list-style-type: none">• 110 up to 48 Months/50,000 Miles.• G10 for CPO Covered Vehicles – Verify Owner.• If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	6438		
Damage Code:	0039		
Labor Operations:	Software Update (Includes checking for DTCs)	0151 0000	Time stated on the diagnostic protocol (Max 100 TU)
Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to the service procedure	No allowance	0 TU
	Road test after the service procedure	No allowance	0 TU
Claim Comment:	As per TSB 2055932/9		

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

The following Technical Service Bulletin will be necessary to complete this procedure:

- TSB 2011732, *00 Software Version Management (SVM), operating instructions*.

All part and service references provided in this TSB (**2055932**) 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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