

Technical Service Bulletin

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

57 21 72 2055932/6 February 3, 2021. Supersedes Technical Service Bulletin Group 57 number 20-68 dated June 16, 2020 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6, A7, A8, and Q8	2019 - 2020	All	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
6	-	Revised header (Updated included software) Revised <i>Service</i> (Updated SVM table)
5	06/16/2020	Revised title Revised <i>Condition</i> (Added alarm activation by Advanced key) Revised <i>Service</i> (Updated instructions and SVM table)
4	12/20/2019	Revised <i>Warranty</i> (Updated Labor Operation)

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 downwards when backing up, but does not return to its original position upon leaving the reverse gear.

Workshop findings:

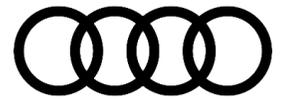
- The affected door may temporarily not be electronically unlocked from the inside, but a mechanical opening is possible.
- Historical data of alarm activation shows door contact switch as the last reason for alarm activation.

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:



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- 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.*



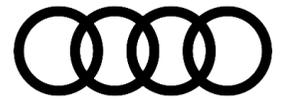
Tip: Prior to performing SVM, to insure door control modules are awake, roll all windows all the way down, then all the way back up.

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.



Tip: Parts indicated below with an *, additionally in the replacement reference, require part replacement prior to performing SVM (**A7 and A8 only**).

3. After replacing the required parts (A7 and A8), continue with SVM update.
4. Perform basic settings of all four windows.



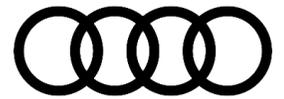
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Tip: After SVM, be sure to cycle the child lock on both rear doors.

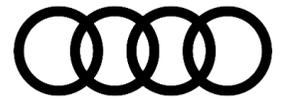
Door Control Module Replacement Reference Table (A7 and A8)		
Address	Original Part Number	Replacement Part Number
0042	4M1959593C	4M1959593J
	4M1959793C	4M1959793J
0052	4M1959592C	4M1959592J
	4M1959792C	4M1959792J
00BB	4M1959595C	4M1959595J
	4M1959795C	4M1959795J
00BC	4M1959595C	4M1959595J
	4M1959795C	4M1959795J

Model	Diagnostic Address	Old Hardware Part Number	Old Software Part Number	Old Software Version	New Hardware Part Number	New Software Part Number	New Software Version	SVM Code
A6 (C8), A6 Avant (C8), A7 (C8), A8 (D5), Q8	0042	4M1959593B	4M1959593C	0846	4M1959593D	4M1959593J	430	42A021
				0848				
		0849						
		0180						
		4M1959593D	4M1959593D	0186				
				0187				
		4M1959593D	4M1959593D	0188				
				0189				
			4M1959593J	0421				
				0425				



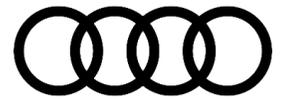
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		4M1959793B	4M1959793C	0846 0848 0849				
		4M1959793D	4M1959793D	0180 0186 0187 0188 0189	4M1959793D	4M1959793J		
			4M1959793J	0421 0425				
		4M1959953C	4M1959953C	0946 0948 0949	4M1959953C	4M1959953J		
			4M1959953D	0180 0186 0187 0188 0189				
			4M1959953J	0421 0425				
	0052	4M1959592B	4M1959592C	0846 0848, 0849	4M1959592D	4M1959592J		
		4M1959592D	4M1959592D	0180 0186 0187 0188 0189				
		4M1959592J	4M1959592J	0421, 0425				



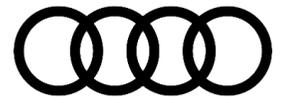
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		4M1959792B	4M1959792C	0846, 0848, 0849				
		4M1959792D	4M1959792D	0180 0186 0187 0188 0189	4M1959792D	4M1959792J		
			4M1959792J	0421 0425				
		4M1959952C	4M1959952C	0946 0948 0949	4M1959952C	4M1959952J		
			4M1959952D	0180 0186 0187 0188 0189				
			4M1959952J	0421 0425				
	00BB	4M1959595B	4M1959595C	0846 0848 0849	4M1959595D	4M1959595J		
		4M1959595D	4M1959595D	0180 0186 0187 0188 0189				
			4M1959595J	0421 0425				
		4M1959795B	4M1959795C	0846	4M1959795D	4M1959795J		



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				0848 0849				
		4M1959795D	4M1959795D	0180 0186 0187 0188 0189				
			4M1959795J	0421 0425				
			4M1959955C	0946 0948 0949				
		4M1959955C	4M1959955D	0180 0186 0187 0188 0189	4M1959955C	4M1959955J		
			4M1959955J	0421 0425				
		4M1959595B	4M1959595C	0846 0848 0849				
	00BC	4M1959595D	4M1959595D	0180 0186 0187 0188 0189	4M1959595D	4M1959595J		
			4M1959595J	0421 0425				
		4M1959795B	4M1959795C	0846	4M1959795D	4M1959795J		

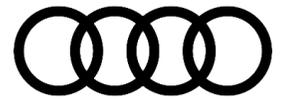


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				0848, 0849					
		4M1959795D	4M1959795D	0180 0186 0187 0188 0189					
				4M1959795J	0421 0425				
		4M1959955C	4M1959955C	0946 0948, 0949	4M1959955C	4M1959955J			
				4M1959955D			0180 0186 0187 0188 0189		
				4M1959955J			0421 0425		

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)



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	As required:		
	Remove and install 4 door control modules (A7 and A8)	6438 2099	140 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 #2055932/6		

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.

Required Parts and Tools

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.		
Part Number	Part Description	Quantity
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA
See Table	Door control module (A7 and A8)	As needed

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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