



Technical Service Bulletin

37 Event memory entries in diagnostic address 0081 (P17E600; P091900; P18CB00) and diagnostic address 0002 (P085D00)

37 24 23 2074733/2 August 27, 2024. Supersedes Technical Service Bulletin Group 37 number 24-10 dated July 31, 2024 for reasons listed below.

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

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised <i>Header</i> (Added Model Years) Revised <i>Service</i> (Adjusted SVM table)
1	07/31/2024	Initial publication

Customer statement:

Selector lever fault shown in instrument cluster. Gears cannot be selected.

Workshop findings:

Selector lever fault shown in instrument cluster.

The following DTCs and symptom code(s) are stored in Gear Selector Lever -J587-, (address word 0081):

- **DTC P17E600:** Selector lever position sensor implausible signal; symptom 2003

and/or

- **DTC P091900:** Selector lever error; symptom 5031

and/or

- **DTC P18CB00:** Button for parking lock implausible signal; symptom 3003



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The following DTC and symptom code is stored in TCM -J217-, (address word 0002):

- **DTC P085D00:** Selector lever malfunction; symptom 22351.

Technical Background 1

Diagnosis of voltage evaluation leads to event memory entry.

Production Solution

Not applicable.

Service

NOTICE

Applies to vehicles with high-voltage components:

To prevent the high-voltage battery from charging during the software update, the high-voltage charging cable on vehicles with high-voltage components must be unplugged BEFORE the SVM code is entered.

Please note that charging the high-voltage battery during a software update can cause damage to the high-voltage components.

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

Update the -J587- (0081) using the SVM action code as listed in the table below, if necessary:

Model	Diagnostic Address	Old Software Part Number	Old Software Version	New Software Part Number (or higher)	New Software Version
2019 A6/A7	0081	4K1713041H	0050	4K1713041M	0050
2020 A6/A7		4K1713041H	0051	4K1713041M	0051
2021 A6/A7		4K1713041K		4K1713041M	0051



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S6/RS 6		4K1713041J		4K1713041L	
S7/RS 7		4K1713041J		4K1713041L	



NOTICE

Claims for replaced parts will not be reimbursed.



NOTICE

The **0081 control unit** software needs to be updated on this vehicle. Explain to the customer that various control units must be reconfigured after the software update to ensure that they function correctly in conjunction with other control units in the vehicle. Components which have been retrofitted in the vehicle but have not been entered in the vehicle equipment list via feedback documentation (version compare) to the SVM may not function correctly after the configuration process. Ask the customer whether he/she has had non-genuine components retrofitted on the vehicle or modifications carried out by third parties (e.g. tuning) or is aware of any such retrofits or modifications. Inform the customer that, if non-genuine retrofits or modifications have been carried out on the vehicle by third parties, neither AUDI AG nor your own company will accept liability for any damage that may be caused by updating the software, or by failing to do so. Make a note to this effect on the job order before it is signed by the customer and put the information in the customer file.

Warranty

Claim Type:	If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.				
Service Number:	3785				
Damage Code:	0039				
Labor Operations:	Software Update				015



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	Charge battery	270
Claim Comment:	As per TSB 2074733/2	

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

Section may remain blank.

Additional Information

All part and service references provided in this TSB (**2074733**) 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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