



Technical Service Bulletin

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

37 24 10 2074733/1 July 31, 2024.

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

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

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

Applies to vehicles with high-voltage components:



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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 (or higher)	SVM Code Input
A6/A7	0081	4K1713041K	0051	4K1713041M	0056	81A003
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



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Labor Operations:	Software Update	0151 0000	Time stated on the diagnostic protocol
Diagnostic Time:	Charge battery	2706 8950	See SRT with associated operations
Claim Comment:	As per TSB 2074733/1		

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 (**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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