



Technical Service Bulletin

34 Selector malfunction message displayed, DTC P17ED00 stored in the selector lever sensor system control module

34 19 39 2053908/1 February 7, 2019.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6, A7	2019	000001 - 049665	Not Applicable

Condition

Customer states:

- While driving the "Selector Malfunction" message appears in drivers information screen (DIS).

Workshop findings:

The following DTC is stored in the selector lever sensor system control module, J587 (address word 0081):

- **DTC P17ED00** (Unlock button sticks).

Technical Background

Fault diagnosis strategy too sensitive.

Production Solution

Improved software.

Service

If the DTC P17ED00, has been stored with the customer concern of the "Selector Malfunction" message appears in drivers information screen perform the following to see if this TSB applies.

1. Check if the selector lever release button is actually sticking in the "on" position.
2. Check if fault is static or passive/sporadic (Figure 1).



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Address: 0081 System name: 0081 - Selector Lever Log versions: UDS/ISOTP (Ereignisse: 1)

Identification:

DTC memory entries:

DTC memory entry	
Number:	P17ED00: Unlock button sticks
Error type 2:	passive/sporadic
Symptom:	4008
Status:	00001000

Figure 1. DTC stored passive/sporadic.

3. Check the selector lever sensor system control module, J587 (address word 0081) current software version number (Figure 2).

Address: 0081 System name: 0081 - Selector Lever Log versions: UDS/ISOTP (Ereignisse: 1)

Identification:

Hardware part number:	4K1713041H
Part number:	4K1713041H
Hardware version number:	H14
Software version number:	0050
Production date:	25.08.2018
Coding:	<input type="checkbox"/>
Coding:	000000
Ability to flash:	Unknown
System name:	GSM-LL
ASAM base version:	BV_GearShiftContrModulUDS
ASAM 2D/ODX data set:	EV_GSMKAMAU581
ASAM 2D/ODX data set version:	001005
ASAM/ODX control module version being used:	EV_GSMKAMAU581_001
Equipment code:	00 00 00 00 00 00 00 00
System abbreviation:	J587

Figure 2. Software version number.

4. Perform this TSB if the following criteria has been met:
 - If the selector lever release button is not sticking.
 - The fault is passive/sporadic.
 - The software version number is 0050 or lower.



Tip: If the DTC P17ED00 is stored “static”, the selector lever release button is actually sticking in the “on” position, and/or the software version number is 0051 or higher, then this TSB does not apply. The concern should be addressed using ODIS and Guided Fault Finding for diagnosis and repair.



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SVM Update Instructions

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions.*
2. Update the selector lever sensor system control module, J587 (address word 0081) using the SVM action code as listed in the table below, if necessary:

Model	Engine and/or Transmission	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Code Input
A6, A7	3.0T-FSI	4K1713041H	0050	4K1713041H	0051	81A003

3. Test drive after the update to confirm the concern has been addressed.

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 vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	3481		
Damage Code:	0039		
Labor Operations:	Software Update	0151 0000	Time stated on diagnostic protocol (Max 60 TU)
Diagnostic Time:	GFF (GFF and diagnosis checks included in the labor operation above)	No allowance	0 TU
	Road test prior to service procedure	0121 0002	10 TU
	Road test after service procedure	0121 0004	10 TU
Claim Comment:	As per TSB #2053908/1		

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.



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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 (2053908) 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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