

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).



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:

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)

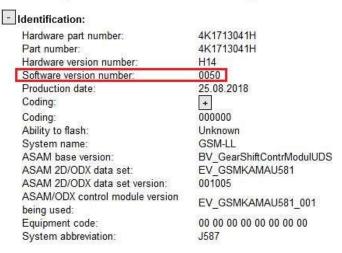


Figure 2. Software version number.

- 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.



### **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

<sup>3.</sup> Test drive after the update to confirm the concern has been addressed.

## **Warranty**

Claim Type:	• 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.



### **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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