

Condition

Model(s)	Year(s)	VIN Range	Vehicle Specific Equipment			
Q7, SQ7, Q8, SQ8, and RS Q8	2023 – 2025		Without PR Code: #4X			
			0019 Databus OBD			
			Software Part #	Software version	Hardware Part number	Hardware Version
			4KR907468Q	0042	4KR907468L	H06
			4KR907468M	0027	4KR907468L	H06
			4KE907468Q	0042	4KE907468L	H06
			4KR907468M	0025	4KR907468L	H06
			4KL907468R	0043	4KL907468L	H06
			4KL907468M	0025	4KL907468L	H06
			Q8 e-tron, Q8 Sportback e-tron, SQ8 e-tron, and SQ8 Sportback e-tron	2024	All	4KR907468N
4KL907468M	0027	4KL907468L				H06
4KE907468N	3039	4KE907468L				H06
4KR907468R	0043	4KR907468L				H06
4KE907468T	0051	4KE907468L				H06
4KR907468T	0051	4KR907468L				H06
4KE907468R	0043	4KE907468L				H06
4KE907468M	0025	4KE907468L				H06
A6, A6 allroad, S6, RS 6 Avant, A7, S7, RS 7, A8, and S8	2024 – 2025		4KE907468M	0027	4KE907468L	H06
			4KL907468Q	0042	4KL907468L	H06
			4KL907468T	0051	4KL907468L	H06
			4KL907468N	3039	4KL907468L	H06

Model(s)	Year(s)	VIN Range	Vehicle Specific Equipment			
e-tron GT, and RS e-tron GT	2024 – 2025	All	Without PR Code: #4X 0019 – Data Bus OBD Interface			
			Software Part #	Software version	Hardware Part number	Hardware Version
			4KR907468Q	0042	4KR907468L	H06
			4KL907468Q	0042	4KL907468L	H06

Model(s)	Year(s)	VIN Range	Vehicle Specific Equipment			
A5, A5 Cabriolet, S5, S5 Cabriolet, and RS 5	2024	All	Without PR Codes : FK0 9M0 KA0 7Y0 #4X 0019 – Data Bus OBD Interface			
			Software Part #	Software version	Hardware Part number	Hardware Version
A4, A4 allroad, S4, A5 Sportback, S5 Sportback, RS 5 Sportback, Q5, Q5 e quattro, Q5 Sportback, SQ5, and SQ5 Sportback	2024 – 2025	All	8W0907468R	0043	8W0907468L	H06
			8W0907468N	3039	8W0907468L	H06
			80C907468R	0043	80C907468L	H06
			8W0907468Q	0042	8W0907468L	H06
			80C907468Q	0042	80C907468L	H06
			80C907468N	3039	80C907468L	H06

REVISION HISTORY		
Revision	Date	Purpose
4	-	Revised header (Added Models, Updated software) Revised <i>Condition</i> (Added model table)

3	10/15/2025	Revised header (Added PR number filter, updated model years)
2	08/01/2025	Revised header (Updated control units) Revised <i>Condition</i> (Added DTC list) Revised <i>Service</i> (updated SW number, and SVM Code)

Customer states:

Various warning lamps for different vehicle systems appear after opening and starting the vehicle or while driving. For example:

- Vehicle lights: fault.
- Emergency call function: fault.
- Start/stop system: fault.
- Stabilization control (ESC): fault.
- etc.

are displayed in the driver information system.

Various warning lamps are active, and the side windows may lower automatically.

Workshop findings:

- Various DTC entries on different bus systems are logged (intermittent) in diagnosis address 0019 due to a single occurrence of the event memory entry.

AND

- Intermittent faults in CAN and FlexRay communication are logged in some control units and the diagnostic interface. All symptoms and DTC entries indicate a temporary failure of the gateway J533. The DTC entries can vary.

As the ODIS DTC entries, and warning messages can vary in suspected cases, no fault codes can be specified. When classifying the issue, the important factor is the identical time stamp in the standard ambient conditions of the respective event memory entry in DA0019. Most of these are communication, single-wire and signal faults (e.g. implausible signal; CAN single wire mode; no communication or function limitation due to missing message).

The following DTCs may be stored in the event memory of the data bus diagnostic interface J533 (address word 0019):

- **U12FB00:** Instrument cluster data bus 1-wire mode
- **U007200:** Infotainment CAN 1-wire mode
- **U005400:** Extended CAN single wire mode
- **U001100:** Medium Speed CAN Communication Bus Performance
- **U10AB00:** Instrument Cluster CAN data bus no communication.
- **etc.**

DTC memory entry	
Number:	U12FB00: Instrument cluster data bus 1-wire mode
Error type 2:	passive/sporadic
Symptom:	65794
Status:	00001000
<input type="checkbox"/> Standard ambient conditions:	
Date:	4/7/25
Time:	4:39:18 PM
Mileage (DTC):	9589
Priority:	4
Frequency counter:	1
Elimination counter / driving cycle:	64
<input type="checkbox"/> Expanded ambient conditions:	
DTC memory entry	
Number:	U007200: Vehicle Communication Bus E (-) shorted to Bus E (+)
Error type 2:	passive/sporadic
Symptom:	65796
Status:	00001000
<input type="checkbox"/> Standard ambient conditions:	
Date:	4/7/25
Time:	4:39:18 PM
Mileage (DTC):	9589
Priority:	4
Frequency counter:	1
Elimination counter / driving cycle:	64
<input type="checkbox"/> Expanded ambient conditions:	
DTC memory entry	
Number:	U001100: Medium Speed CAN Communication Bus Performance
Error type 2:	passive/sporadic
Symptom:	66049
Status:	00001000
<input type="checkbox"/> Standard ambient conditions:	
Date:	4/7/25
Time:	4:39:00 PM
Mileage (DTC):	9589
Priority:	4
Frequency counter:	1
Elimination counter / driving cycle:	64

Figure 1. Sample CAN bus and communication DTC stored at the same time stamp (DTCs stored can vary).

The complaint cannot be reproduced in the workshop. All systems continue to function without restrictions.

Technical Background

Under certain circumstances, an online data campaign may be causing a sporadic reset of data bus diagnostic interface J533. This campaign already ended in week 38/2024. However, individual vehicles with this complaint still come up.

The data bus diagnostic interface remains stuck for approx. 30 seconds and then fixes itself automatically with an automatic reset.

Production Solution

Robustness measure in the software for the data bus diagnostic interface (diagnostic address 0019) as of week 25/2025 (MY26).

Service

This TSB replaces TSB 2075405: *90 Reporting Obligation pre repair - Various Warning Messages w/ Faults stored for CAN bus Communication.*

Software update to SW 0052 for the diagnostic interface control unit (DA0019).

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.



The software for the diagnostic interface must be updated on this vehicle. Please observe the information and instructions under “Customer information” regarding this.

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

Update the Data Bus On Board Diagnostic interface, J533 (0019) using the SVM action code as listed below if necessary:

Please update the data bus diagnostic interface J533 (diagnostic address 0019) via SVM. To enter the SVM code, use “Flash” mode on the ODIS tester.

Please use the function **Authorized Multiple Code Entry**. The new test program for software updates is included in ODIS software (available as of 16.04.2025).

Note: The vehicle uses acoustic signals and flashing lights to indicate when user input is required during and at the end of the test program.

Use the function “**SVM – Authorized Multiple Code Entry**” in “Flash” mode.

CAUTION: the following SVM code must be input exactly as written below (incl. commas and without spaces; copying and pasting is recommended):

ZGDOIP,19A027,19B027

Follow the instructions on the ODIS tester.

After the update has been completed, it is absolutely necessary to unplug the diagnostic connector and the charger from the vehicle.

Now start the engine and let it run for a minute, then lock the vehicle and wait for five minutes.

Once you have done this, you can finish the diagnostic procedure via ODIS so that the event memory entries created during the flashing procedure can be deleted.

Warranty

Claim Type:	• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9035		
Damage Code:	0039		
Labor Operations:	Software Update	0151 0010	See SRT with associated operations
	Software Update	0151 0060	Time stated on the diagnostic protocol
Claim Comment:	As per TSB 2077819/4		

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.

Please note the information on predecessors and items that are included and excluded in the repair operations, as well as any associated tasks.

Additional Information

The control unit software must be updated on this vehicle, or the software must be updated on several control units in this vehicle to ensure they function correctly in conjunction with the other control units in the vehicle. Inform the customer about the software update and ask them whether the software has been modified, or “tuned” (e.g. chip tuning or retrofitting involving modifications to a third party). Explain to the customer that updating software renders the modification(s) ineffective. In certain circumstances, the control unit may even be damaged by third party software update(s). Please inform the customer that this software update may neutralize previous modification(s) to the vehicle’s software performed by either the customer or other third parties.

Damage to the control unit(s) resulting from chip tuning is not covered under warranty. Please refer the customer to the Warranty and Maintenance booklet to learn more about how modification(s) can impact warranty coverage. Explain to the customer that if they “tuned” their vehicle, they will be responsible for any damage caused by the software update or for damage that occurs as the result of not having the update performed. If the customer declines the software update, please inform them that this could lead to issues or restrictions with the use of the vehicle or individual components. Make a note to this effect on the order before it is signed by the customer. Include this information in the customer file.

All part and service references provided in this TSB (**2077819**) 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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