



Technical Service Bulletin

90 Reporting Obligation pre repair - Various Warning Messages w/ Faults stored for CAN bus Communication

90 24 33 2075405/1 September 27, 2024.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, A4 allroad, S4, A5, A5 Cabriolet, A5 Sportback, S5, S5 Cabriolet, S5 Sportback, RS 5, RS 5 Sportback, A6, A6 allroad, S6, RS 6 Avant, A7, S7, RS 7, A8, S8, Q7, SQ7, Q8, SQ8, RS Q8, Q8 e-tron, Q8 Sportback e-tron, SQ8 e-tron, and SQ8 Sportback e-tron	2024	All	Not Applicable

Condition

Customer states:

Various warning lamps for different vehicle systems are displayed in the instrument cluster while driving and the side windows may lower automatically:

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

Workshop findings:

Various DTCs for different bus systems are stored (intermittent) in the Data Bus On Board Diagnostic Interface - J533- (address word 0019) due to a single occurrence of the event memory entry.

Intermittent faults in CAN and FlexRay communication are logged in various control units and the Data Bus On Board Diagnostic Interface -J533- (address word 0019). All symptoms and event memory entries indicate a temporary failure of the gateway J533.

As the ODIS DTC entries and warning messages can vary in suspected cases, no specific fault codes can be specified. When classifying the concern, 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



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signal faults (e.g., implausible signal; CAN single wire mode; no communication or function limitation due to missing message).

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

Technical Background 1

Under certain conditions, an Online Data Collector campaign can result in an intermittent reset of the Data Bus On Board Diagnostic Interface -J533- (address word 0019). The ODC campaigns were temporarily switched off in the IT systems at the end of CW36 and will no longer be active at dealerships with a delay from around CW38.

Production Solution

New software for the Data Bus On Board Diagnostic Interface -J533- (address word 0019) as of week 25/2025 (model year 26).

Service



The relevant data collection campaigns will be stopped as an immediate measure.

A new measure in the software will be implemented with the model update in week 25/2025 (MY26) to prevent data collection campaigns from triggering this complaint again.

To verify the complaint, the history data Measured Value Blocks 78, 79, 80 in DA0019 must also be read out:

1. Read out the historical data in DA0019 using Guided Fault Finding under the Measured values function.
2. From there, select and read out the measured values for the history data 78, 79, and 80 (diagnostic address 0019).
3. Once complete, upload the LOG containing the history data to GFF paperless.

When the concern occurs for the customer, all functions are restored after approximately 30s. To resolve the concern, turn terminal 15 off and back on.



NOTICE

Replacing the gateway J533 diagnostic address 0019 will not fix the issue, nor is it necessary.



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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:	GFF / Guided Functions	0150 0010	See SRT with associated operations
	GFF / Guided Functions	0150 0060	Time stated on the diagnostic protocol
Claim Comment:	As per TSB 2075405/1		

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 (**2075405**) 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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