



Technical Service Bulletin

90 Driver assist systems: parking aid, maneuver assist, rear cross-traffic assist not working (DTC U111000, U112300)

90 24 16 2074688/1 July 27, 2024.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6, A7, A8, and Q8	2019 - 2025	All	Driver Assistance features
e-tron	2019 2021 – 2023		
A6 allroad, S6, S7, S8, Q7, SQ7, SQ8, and RS Q8	2020 – 2025		
e-tron Sportback	2020 – 2023		
A8 e quattro	2020 – 2021		
RS 6 Avant, and RS 7	2021 – 2025		
A7 e quattro	2021 – 2022		
e-tron GT, and RS e-tron GT	2022 – 2025		
Q8 e-tron, Q8 Sportback e-tron, SQ8 e-tron, SQ8 Sportback e-tron	2024 -2025		

Condition

Customer states:

- After passing through a toll booth or during heavy traffic (e.g., during rush hour), the customer complains about one or more of the following functional issues:
- The parking aid is not working. The following message appears in the instrument cluster: **“Parking aid: fault. Obstacles cannot be detected”**.
- The maneuver assist is not working. The following message appears in the instrument cluster: **“Maneuver assist: fault. Please contact workshop.”**
- The rear cross-traffic assist is not working. The following message appears in the instrument cluster: **“Rear cross-traffic assist: currently unavailable. See owner’s manual.”**

Workshop findings



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The complaint occurs sporadically and usually cannot be reproduced.

The following DTCs (static / sporadic) may be stored in the following control units **with almost identical time stamps**. (The time stamps for the DTCs differ up to 5 seconds from each other)

Control unit for Information Electronics -J794- (address word 005F):

- **DTC U111000:** Function restriction due to communication interruption (**symptom 6922**).
- **DTC U111000:** Function restriction due to communication interruption (**symptom 7178**).

Driver assist systems control unit -J1121- (address word 00A5):

- **DTC U112300:** Data bus error value received (**symptom 2114053**).

Lane change assist control unit -J769- (address word 003C) (only when equipped with PR# 7Y1):

- **DTC U112300:** Data bus error value received (**symptom 1191978**).
- **DTC U112300:** Data bus error value received (**symptom 452352**).

Technical Background

Software issue.

Production Solution

Optimized target data container for driver assist systems control unit -J1121- (diagnostic address 00A5) with software 0510 for week 48/2024.

Service



NOTICE

Please check the software version of driver assist systems control unit -J1121- (diagnostic address 00A5) and the model year of the vehicle BEFORE performing the service measure described here.

MY 2019/2020 and software version 0365

An update of the target data container is available for driver assist systems control unit -J1121- (diagnostic address 00A5). Please perform the **Check Control Module Configuration** test plan for driver assist systems control unit -J1121- (diagnostic address 00A5) with the ODIS tester. Follow the instructions on the tester.

MY 2021/2022/2023 and software version 0364, 0365, 0371, 0381, 0383

A **software update** including an update of the target data container is available for driver assist systems control unit -J1121- (diagnostic address 00A5). Carry out the following steps with the ODIS tester:



CAUTION



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Please make sure to change the communication method to “DoIP”.

1. Changing communication method to DoIP:

- Admin --> General --> GFS Process
- Select the communication path: “Only allow DoIP communication”.

2. Software update for various driver assist system control units:

- Select “flash”.
- Select “SVM code input”.
- Perform software update using SVM code FASISKD6A002 (duration of update: approx. 15 – 100 minutes; varies depending on vehicle equipment).

CAUTION

After the message “Should the entered SVM code be accepted or the vehicle connection be changed?” is displayed, please double-check if vehicle access is set to DoIP. If it is not, please change it to DoIP by selecting “3. Change vehicle access (CAN, DoIP, CANFD)”.

MY 2023 and software version 0384

An update of the target data container is available for driver assist systems control unit -J1121- (diagnostic address 00A5). Please perform the **Check Control Module Configuration** test plan for driver assist systems control unit -J1121- (diagnostic address 00A5) with the ODIS tester. Follow the instructions on the tester.

Model year 2024 and software version 0394

Explain to the customer that a solution is not expected to be available before the end of the 1st quarter of 2025 (subject to change).

Model year 2024 and software version 0502

Explain to the customer that a solution is not expected to be available before the end of the 1st quarter of 2025 (subject to change).

Warranty

Claim Type:	If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.
Service Number:	9093



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Damage Code:	0039		
Diagnostic Time:	<u>Without</u> software update:		
	GFF / Guided Functions	0150 0060	Time stated on the diagnostic protocol.
	GFF / Guided Functions	0150 0010	See SRT with associated operations.
	<u>With</u> Software update:		
	GFF / Guided Functions	0151 0060	Time stated on the diagnostic protocol.
	GFF / Guided Functions	0151 0010	See SRT with associated operations.
Claim Comment:	As per TSB 2074688/1		

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 (**2074688**) 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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