



# 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:

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

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

- a. Select "flash".
- b. Select "SVM code input".
- c. 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 1<sup>st</sup> 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 1<sup>st</sup> quarter of 2025 (subject to change).

## Warranty

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



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