



Technical Service Bulletin

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

90 24 38 2074688/2 October 28, 2024. Supersedes Technical Service Bulletin Group 90 number 24-16 dated July 27, 2024 for reasons listed below.

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

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised header (Added MY 25 e-tron GT) Revised <i>Production Solution</i> (Updated software version and date) Revised <i>Service</i> (Added service measure for MY 2024 / 2025)



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1	07/27/2024	Initial publication
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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

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 1

Software issue.



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Production Solution

Optimized target data container for driver assist systems control unit -J1121- (diagnostic address 00A5) with software 0502 for week 40/2024.

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

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".



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- 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)”.

Model year 2021/2022/2023 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

Update the driver assist systems control unit -J1121- (diagnostic address 00A5) with SVM. To enter the SVM code, use “Flash” mode on the ODIS tester. The SVM code is **A5A019**. Follow the instructions on the tester.

Model year 2024/2025 and software version 0502

An update of the target data container is available for driver assist systems control unit -J1121- (diagnostic address 00A5). Please perform a 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.

Warranty

Claim Type:	If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.
Service Number:	9093
Damage Code:	0039



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Diagnostic Time:	Without software update:		
	GFF / Guided Functions	0150 0060	Time stated on the diagnostic protocol
	GFF / Guided Functions	0150 0010	See SRT with associated operations
	With 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 2074688/2		

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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