

Technical Service Bulletin

Topic	96 Audi adaptive light system malfunction, DTC C12B3FA stored in the control module for driver assistance systems
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Audi
Transaction No.	2054202/6
Level	EH
Status	Released for publishing
Release date	Oct 21, 2025

Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
00A5 - Front sensor for driver assistance systems	C12B3FA: Driver Assistance Systems Front Camera Communication errors		Intermittent

New customer code

Object of complaint	Complaint type	Position
lighting, signaling -> operation, comfort lighting -> automatic headlamp control -> high beam automatic headlamp control	functionality -> does not switch off/disconnect	
information, navigation, communication, entertainment -> indicator display symbols -> cornering light indicator display	functionality -> activates without cause	
information, navigation, communication, entertainment -> information display symbols -> bulb failure information display	functionality -> activates without cause	
information, navigation, communication, entertainment -> information display symbols -> bulb failure information display	functionality -> activates	
lighting, signaling -> operation, comfort lighting -> automatic headlamp control -> high beam automatic headlamp control	functionality -> does not switch on/connect	
lighting, signaling -> operation, comfort lighting -> automatic headlamp control -> high beam automatic headlamp control	functionality -> no function	
information, navigation, communication, entertainment -> indicator display symbols -> high beam indicator display	functionality -> activates without cause	
lighting, signaling -> operation, comfort lighting -> cornering lamp	functionality -> operation sequence incorrect	
lighting, signaling -> operation, comfort lighting -> headlamp range control system -> headlamp range control	functionality -> operation sequence incorrect	
lighting, signaling -> operation, comfort lighting -> cornering lamp	functionality -> no function	
lighting, signaling -> operation, comfort lighting -> cornering lamp	functionality -> partially out of order	
lighting, signaling -> operation, comfort lighting -> headlamp range control system -> automatic headlamp range control	functionality -> operation sequence incorrect	

Vehicle data

A6, A7, A8, Q7, Q8, e-tron

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
4A*	2019	A		*	*	*
4A*	2020	A		*	*	*
4A*	2021	A		*	*	*
4A*	2022	A		*	*	*
4A*	2023	A		*	*	*
4A*	2024	A		*	*	*
4A*	2025	A		*	*	*
4A*	2026	A		*	*	*
4K*	2019	A		*	*	*
4K*	2020	A		*	*	*
4K*	2021	A		*	*	*
4K*	2022	A		*	*	*
4K*	2023	A		*	*	*
4K*	2024	A		*	*	*
4K*	2025	A		*	*	*
4K*	2026	A		*	*	*
4M*	2020	A		*	*	*
4M*	2021	A		*	*	*
4M*	2022	A		*	*	*
4M*	2023	A		*	*	*
4M*	2024	A		*	*	*
4M*	2025	A		*	*	*
4M*	2026	A		*	*	*
4MN*	2019	A		*	*	*
4N*	2019	A		*	*	*
4N*	2020	A		*	*	*
4N*	2021	A		*	*	*
4N*	2022	A		*	*	*
4N*	2023	A		*	*	*
4N*	2024	A		*	*	*
4N*	2025	A		*	*	*
4N*	2026	A		*	*	*
F8*	2022	A		*	*	*
F8*	2023	A		*	*	*
F8*	2024	A		*	*	*
F8*	2025	A		*	*	*
F8*	2026	A		*	*	*

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
GE*	2019	A		*	*	*
GE*	2020	A		*	*	*
GE*	2021	A		*	*	*
GE*	2022	A		*	*	*
GE*	2023	A		*	*	*
GE*	2024	A		*	*	*

Documents

Document name
master.xml
note.jpg

Condition

REVISION HISTORY		
Revision	Date	Purpose
6	-	Revised header (added Model Years)
5	01/31/2022	Revised header (added new Model/Model Years) Revised condition (added additional warning messages) Revised service (linked software update / further actions)
4	12/9/2019	Revised header (Added Q7 and expanded models)

Customer states:

The driver assist systems are unavailable, or one of the following messages is displayed on the instrument cluster:

- Audi adaptive light: system fault (Figure 1).
- Audi pre sense: system fault
- Adaptive cruise assist: restricted
- Adaptive cruise assist: predictive control currently restricted



Figure 1. Instrument cluster message.

Workshop findings:

The following DTC is intermittently stored in the control module for driver assistance systems, J1121 (diagnostic address 00A5):

- **DTC C12B3FA:** (front camera for driver assist systems - communication fault) with symptom code 221189.

Technical Background

DTC "**C12B3FA:** Driver Assistance Systems Front Camera – communication error (symptom number 221189)" may appear intermittently in certain circumstances. External influences (e.g. electromagnetic compatibility) can cause this complaint.

Production Solution

Robustness measure from SW0295 onwards / implemented in production

Service

Check the software version of the driver assist systems control unit -J1121- (diagnostic address 00A5).

Software version below SW0295:

Please follow TSB 2063497, *90 Driver assist systems with various malfunctions (aLDW performance, ACC inop when towing etc.) B200FF9 B200FF3 C123FB*.

Software version SW0295 and above:

1. Delete the DTC.
2. After deleting the DTC, the concern is fixed and is unlikely to reoccur.

No further measures are necessary/available. The issue will be resolved after a bus sleep cycle and restart of the driver assist systems control unit -J1121- (00A5).



NOTICE

The replacement of the front camera for the assistance systems R242 does not solve this issue, even if suggested by the Guided Fault Finding. Claims for replaced parts will be subject to review.

Warranty

This TSB is informational only and not applicable to any Audi Warranty.

Additional Information

All parts and service references provided in this TSB (**2054202**) 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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