

Technical Service Bulletin

Topic	96 High beam assist or traffic sign detection limited, DTC C12B3FD may be stored in the DAS control module
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Audi
Transaction No.	2059201/9
Level	EH
Status	Released for publishing
Release date	Oct 30, 2025

Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
00A5 - Front sensor for driver assistance systems	C12B3FD: Driver Assistance Systems Front Camera Temporary view limitation		Intermittent

New customer code

Object of complaint	Complaint type	Position
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	
lighting, signaling -> operation, comfort lighting -> automatic headlamp control -> high beam automatic headlamp control	functionality -> does not switch off/disconnect	
lighting, signaling -> operation, comfort lighting -> automatic headlamp control -> high beam automatic headlamp control	functionality -> does not switch on/connect	
lighting, signaling -> operation, comfort lighting -> cornering lamp	functionality -> no function	
lighting, signaling -> operation, comfort lighting -> headlamp range control system -> headlamp range control	functionality -> operation sequence incorrect	
lighting, signaling -> operation, comfort lighting -> cornering lamp	functionality -> operation sequence incorrect	
information, navigation, communication, entertainment -> indicator display symbols -> high beam indicator display	functionality -> activates without cause	
lighting, signaling -> operation, comfort lighting -> cornering lamp	functionality -> partially out of order	
information, navigation, communication, entertainment -> driver information system (DIS, MFI, MMI) -> traffic sign detection display	functionality -> partially out of order	
information, navigation, communication, entertainment -> driver information system (DIS, MFI, MMI) -> traffic sign detection display	control modules, services -> error message	
lighting, signaling -> operation, comfort lighting -> headlamp range control system -> automatic headlamp range control	functionality -> operation sequence incorrect	
lighting, signaling -> operation, comfort lighting -> automatic headlamp control -> high beam automatic headlamp control	functionality -> no function	

Object of complaint	Complaint type	Position
information, navigation, communication, entertainment -> driver information system (DIS, MFI, MMI) -> traffic sign detection display	functionality -> no function	
information, navigation, communication, entertainment -> information display symbols -> bulb failure information display	functionality -> activates without cause	

Vehicle data

A6, A7, Q7, Q8, Audi e-tron quattro, & Audi e-tron Sportback

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		*	*	*
F8*	2022	A		*	*	*
F8*	2023	A		*	*	*
F8*	2024	A		*	*	*
F8*	2025	A		*	*	*
F8*	2026	A		*	*	*
GE*	2019	A		*	*	*
GE*	2020	A		*	*	*

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

PR numbers

PR numbers
?:with QK1

A8

Sales types

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

PR numbers

PR numbers
?:with QK1

Documents

Document name
master.xml



Connection offline

Technical Service Bulletin

Transaction No.: **2059201/9**

96 High beam assist or traffic sign detection limited, DTC C12B3FD may be stored in the DAS control module

Release date: Oct 30, 2025

Condition

REVISION HISTORY		
Revision	Date	Purpose
9	-	Revised header (Added MY 2026)
8	11/20/2024	Revised warranty (updated times)
7	11/15/2023	Revised header (Added MY 2025)

Customer states:

The following messages appear in the instrument cluster, mostly right after the vehicle is started:

- “High beam assist currently not available. Camera view restricted because of environmental factors.”

and/or

- “Traffic sign detection: currently not available. Camera view restricted because of environmental factors.”

Workshop findings:

The following intermittent DTC is stored in the front camera for the driver assist systems control module, J1121 (address word 00A5):

- **DTC C12B3FD** (front camera for driver assist systems - temporary view restriction) with symptom code 221284.

Technical Background

If the front camera recognizes a visibility restriction for more than 77 seconds, the DTC C12B3FD with symptom code 221284 is logged, and a message appears in the instrument cluster.

As soon as visibility is restored, the message disappears, and the systems are available again. The DTC becomes sporadic.

For the unobstructed visibility of the camera, a heating element is installed under the cover of the front camera. The heating element is activated after engine start at low temperatures or when restricted visibility is detected or the danger of fogging up the glass exists.

Production Solution

Not applicable.

Service

1. Explain to the customer how the camera heating works.

2. Ask the customers to inspect the viewing area of the front camera the next time the message appears.

The viewing area of the front camera can be fogged up both on the inside and/or on the outside (Figures 1 - 2).



Figure 1. Viewing area fogged up from outside.



Figure 2. Viewing area fogged up from inside.

3. The customer cannot see this from the interior of the vehicle. Often it is enough to switch on the wiper system to fix the concern.
4. If the front camera is fogged up from the inside regularly, it can help to remove its lens hood to clean and dry the viewing area of the camera.

Warranty

Claim Type:	• If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9638		
Damage Code:	0010		
Labor Operations:	Remove and install camera for assistance systems	9638 1999	20 TU

	(lens hood)		
	Clean and dry windscreen	6410 2999	Please invoice according to the time required
	GFF	0150 0000	Time stated on the diagnostic protocol
	Charge battery	2706 8950	See SRT with associated operations
Claim Comment:	As per TSB 2059201/9		

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 (**2059201**) 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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