

Technical Service Bulletin

Topic	96 Driver assist systems: Multiple driver assist systems offline - Short-range radar - C12BFF2 (1289) - PPE/PPC
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Audi
Transaction No.	2077141/2
Level	EH
Status	Released for publishing
Release date	Jul 17, 2025

Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
810C - Short-range radar 4	C12BFF2: Radar sensors Software error detected		Intermittent
810B - Short-range radar 3	C12BFF2: Radar sensors Software error detected		Intermittent
8109 - Short-range radar 1	C12BFF2: Radar sensors Software error detected		Intermittent
810A - Short-range radar 2	C12BFF2: Radar sensors Software error detected		Intermittent

New customer code

Object of complaint	Complaint type	Position
assistance systems, comfort controls -> lane change assistance -> lane change assist monitoring mode activation	functionality -> no function	
assistance systems, comfort controls -> exit warning system -> exit warning caused by an object	functionality -> no function	
assistance systems, comfort controls -> cross-traffic assist -> cross-traffic assist monitoring mode activation	functionality -> no function	
assistance systems, comfort controls -> emergency braking function -> automatic emergency braking (Front Assist)	functionality -> no function	
assistance systems, comfort controls -> exit warning system -> exit warning system monitoring mode activation	functionality -> no function	
assistance systems, comfort controls -> cross-traffic assist -> cross-traffic warning caused by an object	functionality -> no function	

Vehicle data

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
FU*	2025	A		*	*	*
GF*	2025	A		*	*	*
GU*	2025	A		*	*	*

Documents

Document name

master.xml

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised header (Revised Models, updated customer codes) Revised <i>Service</i> (Included statement regarding launch vehicles)
1	03/06/2025	Initial publication

Customer states:

The customer complains that various driver assist systems are unavailable, depending on vehicle equipment. The following messages may appear in the instrument cluster:

- Rear turn assist: fault. You can continue driving. See owner's manual.
- Lane change assist: fault. You can continue driving. See owner's manual.
- Exit warning system: fault. You can continue driving. See owner's manual.
- Rear cross-traffic assist: fault. You can continue driving. See owner's manual.
- Proactive occupant protection: currently restricted. See owner's manual.
- Active front assist: currently unavailable. See owner's manual.

Workshop findings:

The complaint can be reproduced. In the Short-Range Radar 3 & 4 -J769-/-J770- (diagnostic address 810B/810C) and in the Short-Range Radar 1 & 2 control units for object detection -J1088-/-J1089- (diagnostic address 8109/810A), the DTC "**C12BFF2: Radar sensor software error detected (symptom number 1289)**" is stored.

NOTICE

The event memory entry "**C12BFF2: Radar sensor software error detected**" (symptom number **1282**) does not lead to a customer complaint and can be ignored. **NO** measures are necessary.

Technical Background

Functional issue related to software and hardware.

Production Solution

CW 36/2025

Service

! NOTICE

This TSB may apply to vehicles still in new model launch repair authorization!

- For vehicles still in launch phase, workshop must create a TAC case per the repair authorization. Reference this TSB in the first line of the TAC case.

Replace the affected control unit if the event memory entry "**C12BFF2: Radar sensor software error detected (symptom number 1289)**" is logged:

- "Short-Range Radar 3 & 4" aka (Lane change assist) control unit -J769-/-J770- (diagnostic address 810B/810C)

Or

- "Short-Range Radar 1 & 2" aka (Front left/right radar sensor) control unit for object detection -J1088-/-J1089- (diagnostic address 8109/810A)

! NOTICE

The event memory entry "C12BFF2: Radar sensor software error detected" (symptom number 1282) does not lead to a customer complaint and can be ignored. NO measures are necessary.

Warranty

Claim Type:	• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9635 (-J769- / -J770-) 9158 (-J1088- / -J1089-)		
Damage Code:	0039		
Labor Operations:	Remove and install object detection control unit	9158 1960	See SRT with associated operations
	Remove and install 2 object detection control units	9158 2060	See SRT with associated operations
	Remove and install lane change assist control unit	9635 1950	See SRT with associated operations
	Remove and install 2 lane change assist control units	9635 2050	See SRT with associated operations
	GFF / Guided Functions	0150 0060	Time stated on the diagnostic protocol
Claim Comment:	As per TSB 2077141/2		

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 (**2077141**) 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.

©2025 Audi of America, Inc. All rights reserved. The information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies, and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.