

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. | 2077141/1 |
| Level | EH |
| Status | Released for publishing |
| Release date | Mar 6, 2025 |

Diagnostic trouble codes

| Diagnostic address | Diagnostic trouble code | Fault symptom | Storage state |
|----------------------------|--|---------------|---------------|
| 810A - Short-range radar 2 | 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 |
| 810C - Short-range radar 4 | 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 -> emergency braking function -> automatic emergency braking (Front Assist) | functionality -> no function | |
| assistance systems, comfort controls -> exit warning system -> exit warning caused by an object | 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 | |
| assistance systems, comfort controls -> cross-traffic assist -> cross-traffic assist monitoring mode activation | functionality -> no function | |

Vehicle data

Q6 e-tron, and SQ6 e-tron

Sales types

| Type | MY | Brand | Designation | Engine code | Gearbox code | Final drive code |
|------|------|-------|-------------|-------------|--------------|------------------|
| GF* | 2025 | A | | * | * | * |

Documents

| |
|----------------------------|
| Document name |
| master.xml |

Condition

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

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: | <ul style="list-style-type: none">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 2077141/1 | | |

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 (**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.