

Technical Service Bulletin

Topic	45 DTC C101AF1, C101BF1, C101CF1, C101DF1 "magnetic field too low" stored in ABS control unit
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Audi
Transaction No.	2072549/4
Level	EH
Status	Released for publishing
Release date	Sep 23, 2025

New customer code

Object of complaint	Complaint type	Position
information, navigation, communication, entertainment -> malfunction display symbols -> ABS malfunction display	functionality -> activates without cause	
information, navigation, communication, entertainment -> indicator display symbols -> emergency brake function display	functionality -> responds sporadically	
information, navigation, communication, entertainment -> malfunction display symbols -> ABS malfunction display	functionality -> activates	
information, navigation, communication, entertainment -> indicator display symbols -> emergency brake function display	functionality -> activates without cause	
information, navigation, communication, entertainment -> malfunction display symbols -> ABS malfunction display	functionality -> does not switch off/disconnect	
information, navigation, communication, entertainment -> warning display symbols -> emergency braking function warning indicator	functionality -> activates	
information, navigation, communication, entertainment -> warning display symbols -> emergency braking function warning indicator	functionality -> activates without cause	

Vehicle data

A3

Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
8Y*	2022	A		*	*	*
8Y*	2023	A		*	*	*
8Y*	2024	A		*	*	*

Documents

Document name
master.xml



Connection offline

Technical Service Bulletin

Transaction No.: **2072549/4**

45 DTC C101AF1, C101BF1, C101CF1, C101DF1 "magnetic field too low" stored in ABS control unit

Release date: Sep 23, 2025

Condition

REVISION HISTORY		
Revision	Date	Purpose
4	-	Revised <i>Service</i> (Updated procedure) Revised <i>Warranty</i> (Updated Warranty Table)
3	06/11/2024	Revised <i>Service</i> (Updated procedure) Revised <i>Warranty</i> (Updated Warranty Table)
2	05/07/2024	Revised <i>Service</i> (Updated procedure) Revised <i>Warranty</i> (Added Warranty Table)

Customer statement:

- Multiple messages/Pre sense fault message in the cluster.

Workshop findings:

- DTCs **C101AF1, C101BF1, C101CF1, C101DF1** "*magnetic field too low*" is stored in one or more speed sensors in the ABS control unit J104 (address word 0003).

Technical Background

Software issue in the brake control unit.

Production Solution

Improved software starting from production date: April 2024.

Service

Vehicles equipped with hardware version 13 in the ABS Control Unit J104 (**Except RS3**).

- Check software version of the brake control unit, if it is **lower** than 133, run SVM Codes: 03A033A followed by 03A033B. These updates will bring the ABS control unit J104 to software version 134.
- Run SVM Code 03A037 **after** the previous step has been performed.
- If the vehicle is already equipped with software version 133 or 134, run **only** SVM Code 03A037.
- Proceed with parking brake basic settings.

Vehicles equipped with all other hardware versions in the ABS Control Unit J104 (**or RS3**).

- Delete all DTCs stored in the vehicle.
- Perform a short road test.
- No additional work is necessary, the DTCs will not return.

**NOTICE**

Make sure the speed sensors are free of debris, oil residues, grease, or dirt.

**NOTICE**

Do not replace speed sensors! Parts replacement does not solve the issue. Claims for replaced parts will be subject to review.

Warranty

Claim Type:	If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	4545		
Damage Code:	0039		
Labor Operations	Vehicles with HW version 13 (Except RS3)		
	Software Update	0150 0010	See SRT with associated operations
	Software Update	0150 0060	Time stated on the diagnostic protocol
	OR		
	Vehicles with Hardware other than Version13 (or RS3)		
	GFF	0150 0010	See SRT with associated operations
	GFF	0150 0060	Time stated on the diagnostic protocol
	Road test after the service procedure	0121 0004	10 TU
Claim Comment:	As per TSB 2072549/4		

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 (**2072549**) 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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