

Technical Service Bulletin



69 Airbag warning light on, DTC B13BCF2 stored in the airbag control module

69 23 91 2056406/4 June 30, 2023. Supersedes Technical Service Bulletin Group 69 number 22-84 dated February 10, 2022, for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
All Audi Vehicles	2015 – 2024	All	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
4	-	Revised header (Add model year)
3	02/10/2022	Revised header (Added model year and corrected an Elsa display issue) Revised <i>Service</i> (Added repair information)
2	09/14/2021	Revised header (Added Model Years 2021 – 2022 and corrected an Elsa display issue)

Customer states:

- The airbag warning light is illuminated in the instrument cluster.

Workshop findings:

The following DTC is stored in the airbag control module, J234, (address word 0015):

- DTC B13BCF2** (Multiple collision brake No function) and can be active/static or passive/sporadic.

Technical Background

The “Multiple collision brake” is controlled by the ABS control module, J104, (address word 0003) and part of the ABS/ESC functionality.

If the ABS control module detects an ABS/ESC relevant error, the “Multiple collision brake” is deactivated. In addition, the ESC and airbag warning lights are turned on in the instrument cluster and DTC B13BCF2 is stored in the airbag control module.

If the brake system relevant error is passive/sporadic and not detected again, the ESC warning light is turned off after the next ignition cycle. Any DTCs that were stored in the ABS control module will be erased after 40 ignition cycles if not detected again.

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In contrast, the airbag warning light will stay on permanently until the DTC B13BCF2 in the airbag control module is erased manually. The “Multiple collision brake” will stay deactivated as long as DTC B13BCF2 is stored in the airbag control module.



Tip: The airbag warning light indicates that the “Multiple collision brake” has been deactivated by the brake control module. It is a symptom/indicator, not the root cause for the deactivation.

Production Solution

Not Applicable

Service

1. Connect vehicle to ODIS Service and perform a scan with GFF. Follow GFF for any DTCs that could have caused the deactivation of the ABS/ESC functionality. If these DTCs are present, follow GFF to determine and eliminate the root cause. Once the root cause has been eliminated, delete DTC B13BCF2 in the airbag control module.
2. If **no** DTCs were present that could explain the deactivation of the ABS/ESC functionality, erase the DTC B13BCF2 in the airbag control module.
3. If DTC B13BCF2 cannot be cleared, disconnect the scan tool from the DLC. Park the vehicle, with the ignition off, and then lock the vehicle. After 30 minutes attempt to clear the DTC again. Once B13BCF2 has been cleared, road test the vehicle to verify that no faults return.
4. Release the vehicle to the customer without attempting any additional repairs if no faults are returned.
5. If the customer experiences this concern again, a vehicle scan with GFF should be performed immediately to determine the root cause.



Note:

Replacing the airbag control module does not solve this issue. Claims for replaced parts will be subject to review.

Warranty

Claim Type:	• 110 up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – Verify Owner. • If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.
Service Number:	6953
Damage Code:	0039

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Diagnostic Time:	GFF	0150 0000	Time stated on the diagnostic protocol (Max 50 TU)
	Road test prior to the service procedure	0121 0002	0 TU
	Road test after the service procedure	0121 0004	10 TU
Claim Comment:	As per TSB 2056406/4		

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 parts and service references provided in this TSB (**2056406**) 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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