

Technical Service Bulletin



45 ESC warning light ON (DTC B200FF0 stored in the ABS control unit)

45 23 32 2070166/1 May 4, 2023.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q4 e-tron quattro, and Q4 Sportback e-tron	2022 - 2023	All	Not Applicable

Condition

Customer statement:

- The ESC warning lamp is ON and/or flashes in the instrument cluster.

Workshop findings:

- The customer statement can be reproduced.

The following DTC (intermittent/static) is logged in the brake electronics control unit (ABS/ESP, diagnostic address 0003):

- B200FF0: Internal malfunction (Symptom Code: 393349).



NOTICE

This TSB does not apply if a symptom number other than 393349 is logged for the DTC B200FF0.

Technical Background

Due to a diagnostic irregularity in the ABS/ESP (diagnostic address: 0003), a faulty wheel speed sensor may trigger the DTC B200FF0 with symptom number 393349. However, a faulty wheel speed sensor is not logged as an additional DTC.

Production Solution

Not Applicable

Service

Perform a test drive, making sure to comply with traffic regulations and taking the prevailing road conditions and weather into account.

- Drive with a second person monitoring the ODIS tester.

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- During the test drive, perform the test “Read measuring values” in the ABS control unit (diagnostic address 0003).
- In the event of a fault, the speed value of the faulty speed sensor jumps/fluctuates strongly.
- If the speed value jumps/fluctuates strongly, a wheel speed sensor has an electrical fault. In this case, the wheel speed sensor in question must be replaced according to the repair manual.
- If the speed value does **not** jump/fluctuate strongly, the wheel speed sensors do **not** have a fault. In this case, nothing else is required. You must continue to work through the DTC B200FF0 and follow GFF.

Please note that in this case, the costs of working through the DTC cannot be invoiced on the basis of this TSB.

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:	4511 (front speed sensor) ; 4515 (rear speed sensor)		
Damage Code:	0040		
Labor Operations:	Remove and install 1 front speed sensor	4511 1900	See SRT
	Remove and install 2 front speed sensors	4511 2000	See SRT
	Remove and install 1 rear speed sensor	4515 1900	See SRT
	Remove and install 2 rear speed sensors	4515 2000	See SRT
Diagnostic Time:	GFF	0150 0000	Time stated on the diagnostic protocol (Max 50 TU)
	Road test prior to the service procedure	0121 0002	10 TU
	Road test after the service procedure	0121 0004	10 TU
Claim Comment:	As per TSB 2070166/1		

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.

Required Parts and Tools



Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.

Part Number	Part Description	Quantity
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA
See ETKA	Front speed sensor(s)	01/02
See ETKA	Rear speed sensor(s)	01/02

Additional Information

All parts and service references provided in this TSB (**2070166**) are subject to change and/or removal.

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