



Technical Service Bulletin

45 Parking brake warning in instrument cluster while starting vehicle, DTC U103100 is stored in the ABS control module

45 21 17 2061906/2 June 25, 2021. Supersedes Technical Service Bulletin Group 45 number 21-14 dated January 15, 2021 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Audi e-tron quattro, Audi e-tron Sportback	2020 - 2022	All	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised header (Added Model Year)
1	01/15/2021	Initial publication

Customer states:

- When starting the vehicle, the warning lamp for the electronic parking brake appears briefly together with the text "Parking brake fault".

Workshop findings:

The following DTC may be stored sporadically in the ABS control module, J104 (address word 0003):

- DTC U103100** (FlexRay data bus, no synchronization).

Technical Background

The software needs to be updated in the ABS control module.

Production Solution

An updated software was put into production.



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Service

SVM Update Instructions

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions.*
2. Update the ABS control module, J104 (address word 0003), and suspension control module, J775 (address word 0074) using the SVM action code as listed in the table below, if necessary:

Model	Control Module	Old Software Part Number	Old Software Version	New Software Part Number (or higher)	New Software Version (or higher)	SVM Code Input
Audi e-tron quattro, Audi e-tron Sportback	ABS	4KE909059AD	0231	4KE909059AF	0242	74A006
	Suspension	4KE907777AM	<2320	4KE907777AH	2320	

3. Proceed with basic settings for the electromechanical parking brake and the tire pressure monitoring system afterward.



Note:

If after the software update the DTC remains in the ABS control module, J104 (address word 0003), then proceed as follows:

1. Lock the vehicle.
2. Wait until sleep bus mode is activated.
3. Read the ABS memory log and delete any remaining DTCs in the ABS control module, J104 (address word 0003).
4. Reevaluate the vehicle.

Warranty

Claim Type:	<ul style="list-style-type: none"> • 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:	4545



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Damage Code:	0039		
Labor Operations:	Software Update (Includes checking for DTCs)	0151 0000	Time stated on the diagnostic protocol (Max 100 TU)
Diagnostic Time:	GFF	No allowance	0 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 #2061906/2		

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

The following Technical Service Bulletin(s) will be necessary to complete this procedure:

- TSB 2011732, *00 Software Version Management (SVM), operating instructions*.

All part and service references provided in this TSB (2061906) 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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