

# Technical Service Bulletin



## 90 Instrument cluster message "Parking brake: malfunction!"

90 23 06 2048009/5 February 10, 2023. Supersedes Technical Service Bulletin Group 90 number 19-20 dated July 2, 2019, for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A3, A3 e-tron quattro, A3 Cabriolet, RS 3, A4, A4 allroad, Q5, SQ5, Q7, TT, TTS, and TT Roadster	2017	All	Virtual Cockpit
R8, and R8 Spyder,	2017	900001 – 904545	
Q5, and SQ5	2018	All	

## Condition

REVISION HISTORY		
Revision	Date	Purpose
5	-	Revised header (updated software filter) Revised condition (corrected cluster message text)
4	07/02/2019	Revised header (Corrected Elsa display issue) Revised <i>Service</i> (Added SVM table) Revised <i>Warranty</i> (Add Labor Operation)
3	10/05/2017	Revised header (Corrected Elsa display issue)

### Customer states:

- They receive a message "Parking brake: malfunction! Safely turn off the vehicle, See owner's manual" is shown and then goes away.

### Workshop findings:

- The concern cannot be reproduced and the customer does not experience a functional issue.
- There are no DTCs relating to the concern.

## Technical Background



The software requires an update.

## Production Solution

Updated software implemented into production.

## Service

### SVM Update Instructions

1. Follow all instructions in TSB 2047812: *00 SD Creator: How to set up and use the SD Creator for obtaining vehicle software updates via the MirrorServer.*
2. Update the instrument cluster using the SVM action code as listed in the table below, if necessary:

Model	Old Software Part Number	Old Software Version	New Software Part Number	New Software Version (or higher)	SVM Code Input
Q7	4M0920790B 4M0920794B 4M0920890B 4M0920894B	0300 0302 0306	4M0920790B 4M0920794B 4M0920890B 4M0920894B	0310	FPKWW310Q7
R8	4S0920790A 4S0920890A	0249	4S0920790A 4S0920890A	0253	FPKWW253R8
A4/A5/Q5	8W5920790C 8W5920890C	0299 0307	8W5920790C 8W5920890C	0313	FPKWW313B9
A3	8V0920790 8V0920890 8V0920794 8V0920894	0044 0045	8V0920790 8V0920890 8V0920794 8V0920894	0047	FPKWW047A3Q2
TT	8S0920790B 8S0920890B	0290	8S0920790B 8S0920890B	0296	FPKWW296TT

## Warranty

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<b>Claim Type:</b>	<ul style="list-style-type: none"><li>• 110 up to 48 Months/50,000 Miles.</li><li>• G10 for CPO Covered Vehicles – Verify Owner.</li><li>• If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.</li></ul>		
<b>Service Number:</b>	9025		
<b>Damage Code:</b>	0039		
<b>Labor Operations</b>	Software Update	0151 0000	Time stated on diagnostic protocol (Max 100 TU)
<b>Diagnostic Time:</b>	GFF	No allowance	0 TU
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	No allowance	0 TU
<b>Claim Comment:</b>	As per TSB 2048009/5		

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

If necessary, order the SD card in advance for the model or install the software to an SD card with the specifications SDHC or SDXC via the SD Creator:

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.		
Model	SD card	Quantity
Q7	8S0906961AJ	01 (per dealer)
R8	8S0906961AF	01 (per dealer)
A4/A5/Q5	8S0906961AG	01 (per dealer)
A3	8S0906961AH	01 (per dealer)
TT	8S0906961AE	01 (per dealer)

## Additional Information



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

- TSB 2047812, *00 SD Creator: How to setup and use the SD Creator for obtaining vehicle software updates via the MirrorServer.*

All part and service references provided in this TSB (**2048009**) are subject to change and/or removal. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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