



45 Unjustified ABS/ESC intervention during curves - Q8 3.0 TFSI only

45 23 30 2068290/2 March 17, 2023. Supersedes Technical Service Bulletin Group 45 number 22-29 dated November 4, 2022, for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q8, SQ8, and RS Q8	2020 – 2023	All	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised <i>Technical Background</i> (Added description)
1	11/04/2022	Initial publication

Customer states:

- ABS/ESC intervention happens when driving around a corner at low speeds (for example highway exits).

Workshop findings:

- No DTCs are stored in the ABS/ESC control module, J104 (address word 0003).
- It may not be possible to reproduce the issue.

Technical Background

ABS/ESC regulation on the Q8 is configured for a sensitive response.

The systems may therefore intervene in certain situations with ABS pump activation (this situation does not affect the safety of the vehicle). Noise and vibration can happen.

Vehicles with air suspension, rear steering, summer tires, and wheel size above 20 inches may be more affected by the issue.

Even after software update has been performed, it is possible that noises may still be heard from the ABS pump, especially under dynamic driving situations. These are normal operating noises which occur when preparing for a possible intervention.



NOTE:

- This bulletin can only be applied to MY 20/21/22 vehicles equipped with 3.0 TFSI engines.
- This bulletin does not apply to SQ8 and RSQ8 models.

Technical Service Bulletin



- This bulletin does not apply to MY19 vehicles.

Production Solution

Updated software in production from August 2022.

Service

SVM Update Instructions

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions*.
2. Update the ABS/ESC J104 (0003) using the SVM action code as listed in the table below, if necessary:
3. Before the SVM update make sure the parking brake is **not** activated.
4. After the SVM update make sure the parking brake is working normally by activating it and deactivating it.

Model	Old Software Part Number	Old Software Version	New Software Part Number (or higher)	New Software Version (or higher)	SVM Code Input
Q8 MY 20	4M8909504K	All	4M8909504P	0857	03A034
Q8 MY 21	4M8909504M	All	4M8909504P	0002	
Q8 MY 22	4M8909504M	All	4M8909504P	0002	
Q8 MY 23	4M8909504M	All	4M8909504P	0002	

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:	4530		
Damage Code:	0040		
Diagnostic Time:	GFF	0150 0000	Time stated on the diagnostic



			protocol (Max 50 TU)
	Road test prior to the service procedure	No allowance	0 TU
	Road test after the service procedure	0121 0004	10 TU
Claim Comment:	As per TSB 2068290/2		

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 (**2068290**) 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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