

Technical Service Bulletin



90 Audi Virtual Cockpit: Turn signal sound is unusually loud

90 23 09 2069280/2 March 8, 2023. Supersedes Technical Service Bulletin Group 90 number 23-93 dated January 27, 2023, for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A8 e quattro	2021	All	Virtual Cockpit
A8, and S8	2021 – 2023		
A7 e quattro	2022		
A6, A6 allroad, S6, RS 6 Avant, A7, S7, RS 7, Q7, SQ7, Q8, SQ8, RS Q8	2022 - 2023		

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised header (Added A8 MY21)
1	01/27/2023	Initial publication

Customer states:

The clicking sound is audible when the turn signal is active and is sporadically unusually loud.

Workshop findings:

No relevant DTCs are stored.

Technical Background

A software-related issue may cause the complaint described above.

Production Solution

Optimized software implemented in current series production.

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Service

This bulletin replaces Pending Service Solution (PSS) TSB 2068304: *PSS 90 Audi Virtual Cockpit: Turn signal sound unusually loud.*

Required equipment:

- ODIS Tester.
- SVM code.
- Instrument Cluster Software update on USB Flash Drive (see *Required Parts and Tools* or download the software from MirrorServer using the SD Creator Program).

Time to complete update:

- Approximately 30-60 minutes (includes 20-50 minutes for the software update and 10 minutes for the SVM work).

Service work:

- Update the Instrument Cluster using either Method 1 or Method 2 according to TSB 2060523: *91 MIB3 Software Update Instructions* and use SVM code **FPKWW0118**.

Method 1: Automated update using ODIS.

Method 2: Manual update due to SVM code or Server issues.

Vehicle	SD Creator Part Number	SVM Code
A6, A7, A8, Q7, Q8	8W6906961P	FPKWW0118

NOTICE

When updating the instrument cluster, the vehicle key must be placed on top of the emergency key reader coil for the duration of the update.

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 of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9025		
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	No allowance	0 TU
	Road test after the service procedure	No allowance	0 TU
Claim Comment:	As per TSB 2069280/2		

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.

Required Parts and Tools

Model	USB Flash Drive	Quantity
A6, A7, A8, Q7, Q8	8W6 906 961 P	01 (Shop tool)

Additional Information

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

- TSB 2011732: *00 Software Version Management (SVM), operating instructions.*
- TSB 2060523: *91 MIB3 Software Update Instructions*
- TSB 2047812: *00 SD Creator: how to set up and use the SD Creator for obtaining vehicle software updates via the MirrorServer.*

All part and service references provided in this TSB (**2069280**) 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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