Technical Service Bulletin

90 Virtual cockpit: turn signal sound very loud
90 23 25 2070332/1 May 16, 2023.

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

Condition

When the turn signal is activated, the sound emitted from the internal speaker of the virtual cockpit is intermittently very loud. When this occurs, the volume is approximately twice as loud as usual.

Technical Background

Software issue in virtual cockpit.

Production Solution

Not Applicable

Service

This TSB replaces Pending Service Solution (PSS) TSB 2068300/2: *PSS 90 Audi Virtual Cockpit: Turn signal sound unusually loud*.

SVM Update Instructions:

> **Always use DoIP when flashing a control module via ODIS in supported vehicles.**
>
> **To Activate DoIP, select *Administration>>General>>GFF Process>>DoIP communication>>Only allow DoIP communication***
>
> **This setting will automatically reset when the diagnostic session is ended.**
>
> **You can tell if DoIP is active by observing a red LED on the VAS 6154(A)**

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Update the Virtual cockpit J285 (address word 0017) using the steps below:

1. Deactivate the Bluetooth or Wi-Fi connection option in ODIS.

2. Ensure DoIP is turned ON.

3. Connect the diagnostics head with a USB cable to the vehicle.

4. Open the "Flash" feature in ODIS. Click on "SVM code input".

5. Enter SVM code **FPKWW0060**.

6. Ensure a USB stick is connected with update software:

   - SD creator part number **8W6 906 961 Q**.

7. Ensure the key remains on the reader coil throughout the update.

8. Follow the on screen prompts.

Model	Old Software Part Number	Old Software Version	New Software Part Number (or higher)	New Software Version (or higher)	SVM Code Input	SD creator part number
A6, A7, Q7, Q8	4K0920790E 4K0920794E 4K0920890E 4K0920894E	55, 56, 58, 59	4K0920790E 4K0920794E 4K0920890E 4K0920894E	60	FPKWW0060	8W6 906 961 Q
A8	4N0920790F 4N0920794F	55, 56, 58, 59	4N0920790F 4N0920794F	60		

Warranty

Claim Type:	• 110 up to 48 Months/50,000 Miles • G10 for CPO 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 – Included in Software update	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 2070331/2		

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

SD Card/USB stick	Quantity
8W6 906 961 Q	01 (Shop tool)

Additional Information

More information on this system can be found in the following resources:

- TSB 2011732: *00 Software Version Management (SVM), operating 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 (**2070332**) 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.