



Technical Service Bulletin

90 Audi virtual cockpit: power and torque displays always show 0%

90 24 25 2074975/1 August 30, 2024.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, A4 allroad, S4, A5, A5 Cabriolet, A5 Sportback, S5, S5 Cabriolet, S5 Sportback, RS 5, and RS 5 Sportback	2021	All	Audi virtual cockpit

Condition

Customer states:

Both round instruments for power and torque displays are shown in the Audi virtual cockpit, but they only show 0%.

The blue rectangle in figures 1 and 2 show example appearances of the power and torque displays depending on how the customer configured them.



Figure 1: The power and torque displays are highlighted in the blue rectangle.



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Figure 2: The power and torque displays are highlighted in the blue rectangle.

Workshop findings:

The customer statement can be reproduced. The vehicle has not had engine tuning performed.

Technical Background 1

Software issue in Audi virtual cockpit.

Production Solution

Not applicable.

Service

This TSB replaces Pending Service Solution (PSS) TSB 2073442: *90 PSS: Power and torque displays always show 0% after cluster replacement.*

Update the Audi virtual cockpit (diagnostic address 0017) to software version 0171 using SVM code **FPKWW0171**.

For this purpose, order the USB stick with part number **8W6 909 961 AD** in advance or download the software onto a USB stick that complies with the USB 2.0 specification using the SD creator and part number **8W6 909 961 AD**.



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Start the update on the workshop tester by selecting “flash” and entering the specified SVM code. When the following (or similar) appears while you are running the program: “... please insert update medium with the following part number...”, insert the USB stick into a USB port in the vehicle which is suitable for data transmission.

If the message “...Hold the vehicle key to the transponder...” is shown, place the vehicle key so that it makes full surface contact against the marking provided in the center console until the Audi virtual cockpit shows that the update process has started, and keep the key in this position until the update process is completed.

Warranty

Claim Type:	<ul style="list-style-type: none"> 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	0151 0010	See SRT with associated operations
Diagnostic Time:	Software update	0151 0060	Time stated on the diagnostic protocol
Claim Comment:	As per TSB 2074975/1		

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 creator part number	Quantity
8W6 909 961 AD	01 (Shop tool)

Additional Information

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

TSB 2071132: *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.*

part and service references provided in this TSB (**2074975**) 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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