



# Technical Service Bulletin

## 90 Instrument cluster's average long-term energy consumption is implausibly low

90 22 45 2065793/2 February 22, 2022. Supersedes Technical Service Bulletin Group 90 number 22-37 dated January 21, 2022 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
e-tron quattro and e-tron Sportback quattro	2021 - 2022	All	Not Applicable
e-tron GT, and RS e-tron GT	2022		

## Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised service (added e-tron GT update medium part number) Revised required parts and tools (added e-tron GT update medium part number)
1	01/21/2022	Initial publication

### Customer states:

- The average long-term energy consumption displayed in the instrument cluster is implausibly low.
- This occurs after approximately 3000 miles driven.
- If the long-term memory is reset, the energy consumption is displayed correctly until another 3000 miles are driven.

## Technical Background

A software malfunction in the instrument cluster causes the displayed values to be inaccurate.



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## Production Solution

Optimized software in Audi virtual cockpit implemented in current series production.

## Service

This TSB replaces Pending Service Solution (PSS) TSB 2063789/1.

### Required equipment:

- ODIS Tester.
- SVM code.
- Audi virtual cockpit 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 Audi Virtual Cockpit using either Method 1 or Method 2 according to TSB 2060523: *91 MIB3 Software Update Instructions* and use SVM code **17A040**.



**Tip:** The vehicle key has to be placed on the emergency key reader coil to start and during the update.

**Please use the warranty information in this TSB and not the information stated in TSB 2060523.**

**Method 1:** Automated update using ODIS.

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

Vehicle	SD Creator Part Number	SVM Code
e-tron MY 2021	4N0 906 961 AQ	17A040
e-tron MY 2022	4KE 906 961 A	17A040
e-tron GT MY 2022	4KE 906 961	17A040



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## Warranty

<b>Claim Type:</b>	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.		
<b>Service Number:</b>	9025		
<b>Damage Code:</b>	0039		
<b>Labor Operations:</b>	Software Update (Includes checking for DTCs)	0151 0000	Time stated on the diagnostic protocol (Max 100 TU)
<b>Diagnostic Time:</b>	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
<b>Claim Comment:</b>	As per TSB 2065793/2		

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
e-tron MY2021	4N0906961AQ	01 (Shop tool)
e-tron MY2022	4KE906961A	01 (Shop tool)
e-tron GT MY2022	4KE906961	01 (Shop tool)



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## Additional Information

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

- TSB 2039206: *00 How to watch TSB videos.*
- 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 (2065793) 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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