

Technical Service Bulletin



90 "SAFE CP" is displayed in the Audi virtual cockpit, DTC B200FF0 is stored in the instrument cluster
 90 23 08 2065490/3 February 21, 2023. Supersedes Technical Service Bulletin Group 90 number 22-38 dated January 21, 2022, for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4 allroad, A4, S4, A5, A5 Cabriolet, A5 Sportback, S5, S5 Cabriolet, S5 Sportback, RS 5, RS 5 Sportback, A6 allroad, A6, S6, RS 6 Avant, A7, A7 e quattro, S7, A8, A8 e quattro, S8, e-tron Sportback, e-tron quattro, e-tron Sportback quattro, Q5, Q5 e quattro, SQ5, SQ5 Sportback, Q7, SQ7, Q8, SQ8, and RS Q8	2021	All	Virtual Cockpit
e-tron GT, and RS e-tron GT	2022		

Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised <i>Required Parts and Tools</i> (corrected part number)
2	01/21/2022	Revised <i>Production Solution</i> (Update provided), <i>Service</i> (Added instructions), <i>Warranty</i> (Updated A-time), <i>Required Parts and Tools</i> (Updated with specific information), <i>Additional Information</i> (Updated to include related TSB instances)
1	12/22/2021	Initial publication

Customer states:

- "SAFE CP" is displayed in the center of the screen of the Audi virtual cockpit.
- The gauges function normally.



Workshop findings:

The following DTC may be stored in the instrument cluster, J285 (address word 0017):

- **DTC B200FF0** (Internal malfunction).

Technical Background

A software malfunction in the instrument cluster may cause the described behavior.

Production Solution

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

Service

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 ones 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
A4, A5, Q5	8W6 906 961 N	17A040
A6, A7, A8, Q7, Q8, e-tron	4N0 906 961 AQ	17A040
e-tron GT	4KE 906 961	17A040



Warranty

Claim Type:	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 2065490		

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
A4, A5, Q5	8W6906961N	01 (Shop tool)
A6, A7, A8, Q7, Q8, e-tron	4N0906961AQ	01 (Shop tool)
e-tron GT	4KE906961	01 (Shop tool)

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 (2065490) 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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