

WPQ2 – Re-Coding Loudspeaker Amplifier (Bose) (Workshop Campaign)

Important: **CRITICAL WARNING** -This campaign includes steps where control unit(s) in the vehicle will be programmed with the PIWIS Tester. The vehicle voltage must be maintained between 13.5 volts and 14.5 volts during this programming. Failure to maintain this voltage could result in damaged control unit(s). Damage caused by inadequate voltage during programming is not a warrantable defect. The technician must verify the actual vehicle voltage in the PIWIS Tester before starting the campaign and also document the actual voltage on the repair order.

Model Year: **As of 2022 up to 2023**

Model Line: **911 (992)**

Equipment: **BOSE Surround Sound System (M-no. 9VL)**

Concerns: **Loudspeaker amplifier (Bose)**

Cause: **After carrying out the WPJ6 workshop campaign, there may be sound quality complaints in the affected vehicles due to an incorrect coding rule.**

Action: Re-code the loudspeaker amplifier (Bose) control unit with a corrected data record.
Minimum requirement: Release **42.250.050**

Affected Vehicles: Only vehicles assigned to the campaign (see also PCSS Vehicle Information).

Required tools

- Tool:
- **P90999 - PIWIS Tester 4**
 - Battery charger with a current rating of **at least 90 A**, e.g., **VAS 5908 90-A battery charger**. For further information about the battery chargers to be used, see the corresponding Workshop Manual. ⇒ *Workshop Manual '270689 Charging battery/vehicle electrical system'*

Re-coding loudspeaker amplifier (Bose) control unit

Work Procedure: 1 **Re-code the loudspeaker amplifier (Bose) control unit.**

The basic procedure to be followed for coding the control unit is described in the Workshop Manual: ⇒ *Workshop Manual '270689 Basic instructions and procedure for control unit programming using the PIWIS Tester'*

Specific information on control unit coding during this campaign	
Required PIWIS Tester software release:	42.250.050 (or higher)
Type of control unit coding:	Control unit coding using the ' Automatic coding ' function for the control unit: Loudspeaker amplifier control unit – ' Coding/programming ' menu – ' Automatic coding ' function.
Coding sequence:	Read and follow the information and instructions on the PIWIS Tester during the guided coding sequence. Do not interrupt coding. When coding is complete, the message 'Coding has been completed successfully' is displayed and a tick appears in the "Status" box.
Procedure if control unit coding is not successful :	Repeat control unit coding.

- 2 Read out and delete all control unit error memories.
 - 2.1 In the control unit selection ('Overview menu') press •F7" to call up the additional menu.
 - 2.2 Select the function "Read all error memories and delete if necessary" and press •F12" ('Next') to confirm.
- 3 Enter the campaign in the Warranty and Maintenance logbook.

Warranty processing



Information

The specified labor time was determined specifically for carrying out this campaign and includes all necessary preliminary work and rework. The labor time may differ from the labor times published in the Labor Operation List in PCSS.

Scope 1: **Re-coding loudspeaker amplifier (Bose) control unit**

Labor time:

Re-coding loudspeaker amplifier (Bose) control unit

Labor time: **25 TU**

Includes: Connecting and disconnecting battery charger
Connecting and disconnecting PIWIS Tester
Reading out and deleting fault memories

⇒ **Damage Number WPQ2 066 000 1**

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