Rear Axle Steering Control Unit - B200FF0 Fault Memory Entry After Software Actions in Customer Service: Observe Specified Procedure (180/23)

Model Line: **Cayenne (9YA / 9YB)**

Model Year: **As of 2024**

Equipment: Rear axle steering **(M-No. 0N5)**

Concerns: **Rear axle steering control unit (GP1)**

Cause: During a software measure, e.g., a campaign, a fault memory entry can occur in the rear axle steering control unit after implementation.

- B200FF0 - Control unit, function restriction (000018)

This fault memory entry cannot be deleted.

Action: If there is a complaint, re-program the rear axle steering control unit with the **latest** PIWIS Tester software release using the campaign code.

Minimum requirement: Release **42.250.050**

Information

The action described here may only be carried out if the fault memory entry has been entered during a workshop activity. **If the entry is during vehicle operation, it will be essential to replace the rear axle steering along with the control unit.**

Required tools

Tools:

- **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 vehicle electrical system battery'*

Re-programming rear axle steering control unit

1 The basic procedure for control unit programming is described in the Workshop Manual ⇒ *Workshop Manual '270689 Basic Instructions and Procedure for Control Unit Programming Using the PIWIS Tester'*.

For specific information on control unit programming during this action, see the table below.

Required PIWIS Tester software release:	**42.250.050** (or higher)
Type of control unit programming:	Control unit programming using the **'Campaign' function in the additional menu** on the PIWIS Tester by entering a programming code.
Programming code:	**N2J5F**
Programming sequence:	Read and follow the **information and instructions on the PIWIS Tester** during the guided programming sequence. **Do not interrupt programming and coding.** A backup documentation process for the re-programmed software releases starts as soon as programming and coding is complete.
Programming time (approx.):	**8 minutes**
Software programmed during this campaign:	• Rear axle steering control unit software release: **0639 (0640 only temporary)** Following control unit programming, the software release can be read out from the relevant control unit using the PIWIS Tester in the menu ⇒ 'Incremented identifications'.
Procedure in the event of error messages appearing during the programming sequence:	⇒ *Workshop Manual '9X00IN Basic instructions and procedure for control unit programming using the PIWIS Tester - section on "Fault finding"*'.
Procedure in the event of a termination in the control unit programming:	Repeat control unit programming by restarting programming.

Information

Using the campaign code, a special repair software (0640) is temporarily installed, the fault memory entry "B200FF0 (000018)" is deleted and the previous series software (SW 0639) is then installed again. Additional passive fault memory entries may occur in the rear axle steering control unit after the standard software is programmed. They need to be deleted before the vehicle is handed over to the customer.

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 Exit the diagnostic application. Switch off ignition. Disconnect Tester from vehicle.

4 Switch off and disconnect the battery charger.

Labor position and PCSS encryption

Labor position:

APOS	Labor operation	I No.
48832552	Programming control unit for rear axle steering	

PCSS encryption:

Location (FES5)	48830	Rear axle steering servo motor
Damage type (SA4)	9738	Does not work after PAG campaign