



Technical Service Bulletin

48 Rear wheel steering malfunction - DTC B200FF0 or C12A329

48 23 56 2066318/5 October 13, 2023. Supersedes Technical Service Bulletin Group 48 number 23-47 dated June 29, 2023, for reasons listed below.

| Model(s) | Year | VIN Range | Vehicle-Specific Equipment |
|----------------------------|-------------|-----------|----------------------------|
| A6, A7, and A8 | 2019 – 2024 | All | Not Applicable |
| A6 allroad, S6, S7, and S8 | 2020 – 2024 | | |
| A8 e quattro | 2020 – 2021 | | |
| RS 6 Avant, and RS 7 | 2021 – 2024 | | |
| A7 e quattro | 2021 - 2022 | | |

Condition

| REVISION HISTORY | | |
|------------------|------------|--|
| Revision | Date | Purpose |
| 5 | - | Revised <i>Warranty</i> (Updated Labor Operations) |
| 4 | 06/09/2023 | Revised <i>header</i> (Added Model Year) |
| 3 | 04/28/2023 | Revised <i>header</i> (Added Model Year) |

Customer states:

- Steering malfunction warning in the instrument cluster.

Workshop findings:

One of the following DTCs are logged in the rear axle wheel steering control module, J1019 (address word 00CB):

- B200FF0 with symptom code 251 and/or 129.
or
- C12A329 with symptom code 224.

Technical Background

The software for the rear axle wheel steering control module needs to be updated.



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Production Solution

Improved software for the rear axle wheel steering control module.

Service

SVM Update Instructions

1. Follow all instructions in TSB 2011732: 00 Software Version Management (SVM), operating instructions.
2. This step only applies to symptom code 251 (For the remaining symptom codes, go to step 3). Perform the basic setting in the self-diagnosis of the J1019 control unit. (When doing so, use service login 20103).
3. Update the J1019 (00CB) using the SVM action code as listed in the table below, if necessary:

| Model | Old Software Part Number | Old Software Version | New Software Part Number (or higher) | New Software Version (or higher) | SVM Code Input |
|----------------|--------------------------|----------------------|---|-------------------------------------|----------------|
| A6, A7, and A8 | 4N0909145C | 0398 | 4N0909145C | 0399 | CBA002 |

4. Perform wheel alignment, with the following recommendation:
 - Go as far as the tolerance limits for negative camber and positive toe (toe-in) on the rear axle.
 - Select the center of the tolerance range for the toe on the front axle.

Warranty

| | | | |
|--------------------------|---|-----------|--|
| Claim Type: | <ul style="list-style-type: none"> • 110 Up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – verify owner. • If the vehicle is outside any warranty, this Technical Service Bulletin is informational only. | | |
| Service Number: | 4841 | | |
| Damage Code: | 0040 | | |
| Labor Operations: | Software Update (Includes checking for DTCs) | 0151 0000 | Time stated on the diagnostic protocol (Max 80 TU) |
| | Perform wheel alignment | 4495 0300 | See SRT with associated operations |



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| | | | |
|-------------------------|--|--------------|--|
| Diagnostic Time: | GFF | 0150 0000 | Time stated on diagnostic protocol (Max 30 TU) |
| | Road test prior to the service procedure | No allowance | 0 TU |
| | Road test after the service procedure | 0121 0004 | 10 TU |
| Claim Comment: | As per TSB 2066318/5 | | |

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.

Additional Information

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

- TSB 2011732: *00 Software Version Management (SVM), operating instructions.*

All part and service references provided in this TSB (**2066318**) 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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