

Technical Service Bulletin



48 Rear wheel steering malfunction - DTC B200FF0 or C12A329

48 23 47 2066318/4 June 29, 2023. Supersedes Technical Service Bulletin Group 48 number 22-29 dated April 28, 2022, 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, A7 e quattro, and RS 7	2021 – 2024		

Condition

REVISION HISTORY		
Revision	Date	Purpose
4	-	Revised <i>header</i> (Added Model Year)
3	04/28/2023	Revised <i>header</i> (Added Model Year)
2	03/29/2022	Revised <i>Service</i> (Updated SVM instructions)

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.



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:	• 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 60 TU)



	Perform wheel alignment	4495 0300	See SRT with associated operations
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 2066318/4		

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.

©2023 Audi of America, Inc. All rights reserved. The information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies, and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.