



SIB 66 09 23

2023-09-06

IMPAIRED AVAILABILITY OF STEERING AND LANE CONTROL OR PARKING MANOUVERThis Service Information Bulletin (Revision 1) replaces SI B66 09 23 **dated April 2023**.**What's New:**

- SIB title updated
- Situation updated

 THIS REPAIR IS MOBILE FRIENDLY
MODEL

E-Series	Model Description	Production Date
G01	X3 Sports Activity Vehicle	Before August 1, 2021
G02	X4 Sports Activity Coupe	
G12	7 Series Sedan	Before March 1, 2019
G30	5 Series Sedan	Before July 1, 2020
G32	640i xDrive Gran Turismo	

SITUATION

The customer states that one or more of the following situations may occur:

1. The availability of the Steering and Lane Control Assistant is deteriorating, and/or that the function allows the vehicle to move from side to side within the lane markings.
2. The parking space detection is less effective or hardly ever receives any parking space recommendations from the PMA.

CAUSE

Adaptation value deviation due to environmental influences.

CORRECTION

Update the vehicle software.

PROCEDURE

For the issue described above, proceed as follows:

1. Perform a battery reset of at least 60 minutes.
2. Perform a vehicle test.
3. **Important: Mark the following control units as replaced and carry out a complete encoding.**
 - Body Domain Controller (BDC)
 - Dynamic Stability Control (DSC)
 - Optional equipment system (SAS)
 - Front radar sensor long range (FRSF)
4. Allow vehicle to go to sleep.
5. Calibrate the front radar sensor long range (FRSF).
6. Reassess vehicle.

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CLAIM INFORMATION

During this workshop visit, the affected vehicle may also show one or more programming and encoding Technical Campaign repairs open, the programming and encoding procedure may only be invoiced one time.

Select one of these open Technical Campaigns to perform and submit for updating the vehicle to the required I-level or higher.

Note: Please ensure that the Step 3 repair instruction is followed as noted above.

Be sure to also perform any additional before and/or after work (including attaching labels) as required by the open campaigns on the vehicle. Close any other open programming and encoding Campaign repairs as outlined in the corresponding Service Information Bulletin.

Claim Submission

The following that applies, based on the above, is covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks, or the BMW Certified Pre-Owned Program as described below.

Defect Code:	6600201100	Activation of steering and lane guidance assistant Occasional failure
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Diagnosis

Labor Operation	Description	Labor Allowance
61 00 006*	Carrying out vehicle diagnosis, ABL (Work time)	WT
Or		
00 58 500*	Diagnosis Worktime Flat Rate	2 FRU

And, together with the repair below that was performed:

Step 1

Labor Operation	Description	Labor Allowance
61 20 900	Disconnecting and connecting battery ground lead (Associated work)	Refer to AIR

And, when applicable:

Vehicles without an Open Programming/Encoding Campaign

Labor Operation	Description	Labor Allowance
00 00 006	Carrying out vehicle test (Main work)	Refer to AIR
Or:		
00 00 556	Carrying out vehicle test (Plus work)	Refer to AIR
And:		
61 21 528	Supporting voltage of the vehicle electrical system / recharging vehicle battery	Refer to AIR
And:		
61 00 730	Program/encode control unit(s), includes deleting the fault memory	Refer to AIR

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead of 00 00 006, or exclude (including 61 21 528) when the Vehicle Test is included in another repair.

Step 6

Labor Operation	Description	Labor Allowance
66 31 502	Adjusting the ACC sensor (Full range radar) (Associated work) (after vehicle diagnosis)	Refer to AIR

Refer to AIR for the corresponding flat rate unit (FRU) allowances.

Work time labor operation codes 61 00 006 and 00 58 500 are not considered Main labor operations.

Programming and Encoding - Vehicle Control Units (RO and Claim Comments Required)

This procedure automatically reprograms and encodes any vehicle control modules that do not have the latest software I-level.

If one or more control modules fail during the reprogramming procedure, claim the required consequential repair work procedures to address this issue (including performing the IRAP Control Unit Recovery first as required, refer to the SIB in AIR) under the Defect Code in this bulletin with the labor operations in AIR that apply.

Please explain the additional work procedures that were performed (The why and the what) on the repair order and in the claim comments.

For covered repairs that address control module failures that occurred prior to performing this reprogramming procedure, claim this work with the Defect Code and labor operations (including the diagnosis that applies*) in AIR that apply.

*Based on which one applies to your center, please refer to **SI B01 01 20** or **B01 07 20** for the applicable procedure for documenting, claiming, and explaining, on the RO and in the claim comments, your diagnosis work time (WT), job/repair work time (WT), and the vehicle repairs your center performed, unless otherwise required by State law.

FEEDBACK REGARDING THIS BULLETIN

Technical Feedback	To submit feedback for the technical topic of this bulletin: Submit your feedback in the rating box at the top of this bulletin
Warranty Feedback	To submit feedback for the CLAIMS section of this bulletin: Submit an IDS ticket to the Warranty Department, or use the chat available in the Warranty Documentation Portal
Parts Feedback	To submit feedback for the PARTS section of this bulletin: Submit an IDS ticket to the Parts Department

