



SIB 66 03 22

2022-12-22

DRIVER ASSIST REDUCED CCM DISPLAYED, BLINDSPOT WARNING, PDC, FRT FOG LIGHTS INOP

This Service Information Bulletin (Revision 2) replaces SI B66 03 22 **dated August 2022**.

What's New:

- SIB Title
- Model
- Situation
- Correction
- Procedure
- Parts information
- Claim information

MODEL

E-Series	Model Description	Production Date
G07	X7 Sports Activity Vehicle (SAV)	December 1, 2018 – July 31, 2021

SITUATION

“Driver Assistance Reduced” check control message (CCM) appears.

All or some of the following system functions maybe inoperative:

- Front fog lights
- Park distance control
- Short range radar (SRR)

The following fault may also be stored: 481CC6.

CAUSE

SRR wiring harness is pinched (shorted) between the bumper and the bumper support. This requires removal of the bumper and close inspection of the harness. The wire harness may require unwrapping to find the pinched wires.

CORRECTION

Replace damaged wiring, or insulate the wiring with corrugated piping.

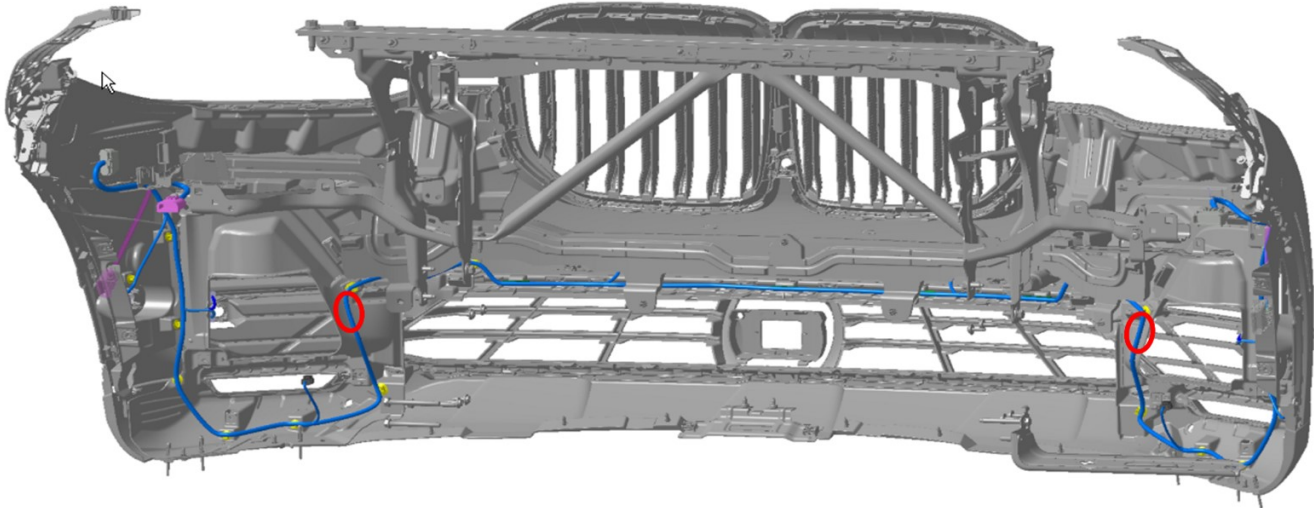
PROCEDURE

1. Perform all applicable test plans if no defect is found follow the below steps.
2. Is the following fault code stored; and/or are these systems below inoperative?
 - 481CC6
 - ○ Front fog lights
 - ○ Park Distance Control
 - ○ Short Range Radar functions

Yes: Proceed to step 3

No: Further diagnosis with ISTA is needed

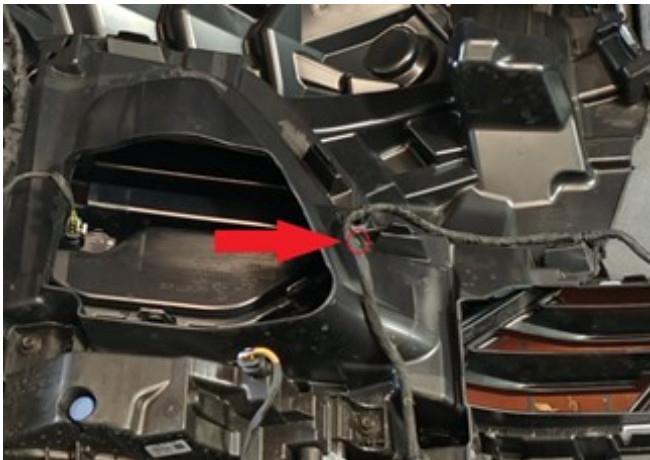
3. Follow VIN-based repair instructions titled "Removing and installing front bumper panel".



4. Carefully inspect the front bumper wiring harness. Refer to illustration above with locations circled. You may need to unwrap the harness for inspection.

Is damage found in the above locations?
Yes: Proceed to step 5.
No: Proceed to step 6.

5. Replace the front bumper wiring harness with an optimized cable set. Proceed to step 8.



6. Is the harness shielded by corrugated tubing circled in the photo?

Yes: Further diagnosis with ISTA is needed.

No: Wrap wiring in abrasion resistant tape.



7. Install wiring harness into 70 mm length of corrugated tubing. The location is approx. 30 mm from the support clip show in the example photo. Install the piping in the area indicated by the red line. Using abrasion resistant tape to secure both ends of the tubing to the harness and install wiring back into proper position.

#1 - Support Clip

8. Assemble vehicle and test system functionality.

PARTS INFORMATION

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in either ETK or AIR which takes into account specific equipment and/or options.

Part Number	Description	Quantity
61 13 6 933 302	Corrugated tubing, slotted	70mm
61 13 8 353 746	Cable connector	As needed
61 13 6 925 452	Fabric adhesive tape abrasion resistant	As needed
Refer to ETK	Set of Cables, Front bumper	1

CLAIM INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

Defect Code:	6112697900	Line / wiring harness of front bumper incorrect connection /contact
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Refer to AIR for the corresponding flat rate unit (FRU) allowances.

Labor Operation	Description	Labor Allowance
00 00 006	Performing vehicle test (with vehicle diagnosis system)	Refer to AIR
Or:		
00 00 556	Performing vehicle test (with vehicle diagnosis system – checking faults) (Plus work)	Refer to AIR
And:		
61 21 528	Support voltage of the vehicle electrical system / recharge vehicle electrical system battery (at support point in engine compartment)	Refer to AIR
And, as necessary:		
61 00 006*	Performing vehicle diagnosis – test module (Work time)	WT
Or		
00 58 500*	Diagnosis Worktime Flat Rate (See below)	2 FRU
And:		
51 11 656	Removing and installing front bumper panel	Refer to AIR

Labor operation code 00 00 006 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead.

And when:

Step 5 applies: Replace the front bumper wiring harness

Labor Operation	Description (Associated work)	Labor Allowance
61 12 563	Replacing vehicle wiring harness of bumper at front (front bumper cover detached)	3 FRU
Or:		
61 99 000	A. Work time to replacing vehicle wiring harness of bumper at front (front bumper cover detached) (See below) (61 12 563 is not available in AIR)	3 FRU

Or when:

Step 6 applies: Wrap the front bumper wiring section(s) with abrasion resistant tape

Labor Operation	Description (Associated work)	Labor Allowance
61 99 000	1. Work time without specification / vehicle electrical system to perform the associated repair measure	2 FRU (per side repaired, 4 FRU max)

Work time labor operation codes 61 00 006, 00 58 500 and 61 99 000 are not considered a Main labor operations.

Work Time 61 99 000: Claim this labor operation one time only for either 2 FRU (B1), 4 FRU (B2) or 3 FRU (A) as applicable as noted.

*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.

Sublet Code 4	See the sublet reimbursement calculations below	Reimbursement for the repair-related bulk materials (Do not use the BMW part numbers for claim submission)
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Sublet reimbursement calculation for claiming the applicable repair-related bulk materials (BMW part numbers) is at the dealer net price amount for the proportional quantities used plus your center’s handling.

Enter this material cost in sublet and itemize the amount on the repair order and in claim comment section.

Other Repairs

If other eligible and covered work is performed because of performing the ISTA diagnosis, related test plans and/or visual inspection, claim this work with the applicable Defect Code and the labor operations listed in AIR (including diagnosis that applies*).

FEEDBACK REGARDING THIS BULLETIN

Technical Feedback	To submit feedback for the technical topics 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

