



DRIVER ASSISTANCE REDUCED CCM DISPLAYED OR BLINDSPOT WARNING INOP

What's New (Specific text highlighted):

- Situation
- Procedure

MODEL

E-Series	Model Description	Production Date	Affected Option Code
F95	X5 M Sports Activity Vehicle (SAV)	Start of Production (SoP)	5AU – Active Driving Assistant Pro
F96	X6 M Sports Activity Coupe (SAC)		
G05	X5 SAV		
G06	X6 SAC		
G07	X7 SAV		

SITUATION

Driver Assistance reduced checked control message (CCM) appears. All or some of the system functions maybe inoperative.

The following fault will be stored: 481CC6.

CAUSE

SRR wiring harness is pinched between bumper and bumper support. The small break in the harness insulation allows an electrical short-circuit.

This requires removal of the bumper and close inspection of the harness. The wire harness may require unwrapping to find the pinched wires.

CORRECTION

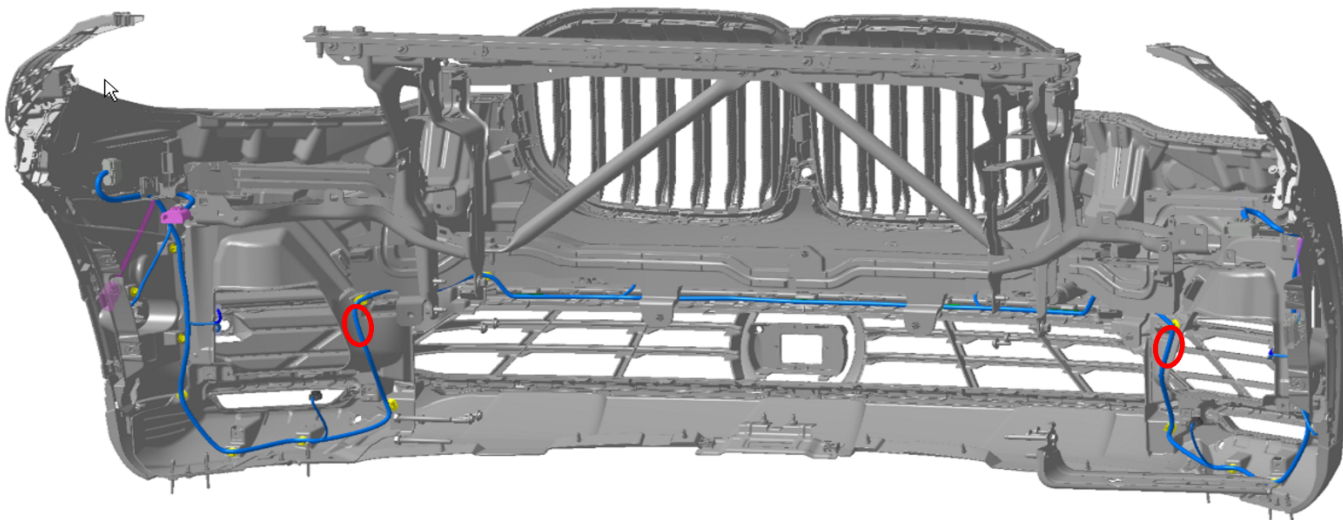
Repair the damaged wiring and insulate with corrugated piping.

PROCEDURE

1. Perform all applicable test plans if no defect is found follow the below steps.
2. Do you have the following fault code stored?
 - 481CC6
 - Yes:** Proceed to step 3
 - No:** Further diagnosis with ISTA is needed

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

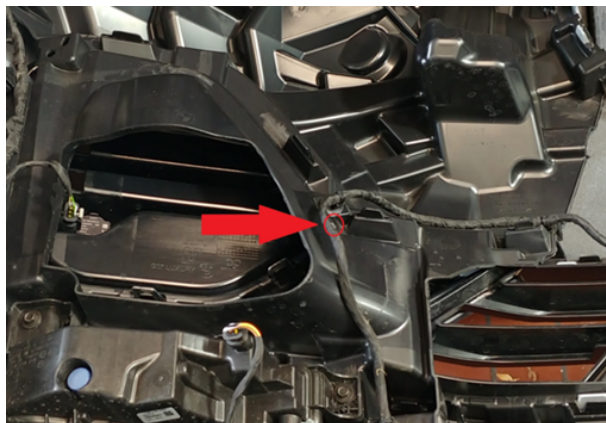
The body flap for the HV access port utilizes an integrated sealing system, eliminating the need for a protective cap on the charging socket.



4. Carefully inspect the front bumper wiring harness. See example photo above with locations. You may need to unwrap the harness for inspection. Is damage found in the above locations?

Yes: Proceed to step 5.

No: Further diagnosis with ISTA is needed.



5. Repair all damaged wiring. Wrap wiring in abrasion resistant tape. See example photo of possible damage location.



6. 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.

Use abrasion resistant tape to secure both ends of the tubing to the harness and install the wiring back into proper position.

#1 - Support Clip

7. 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 8 353 746	Cable connector (0.2-0.5 mm)	As needed

Bulk Materials - Sublet

Part Number	Description	Quantity
61 13 6 933 302	Corrugated tubing, slotted (L = 1 m, D = 13 mm)	Sublet for 70 mm (one side); 140 mm (both sides)
61 13 6 925 452	Fabric adhesive tape abrasion resistant (L = 25 m, W = 25 mm)	Sublet as needed

Additionally, other materials and small parts that are not specified above, such as fluids, lubricants, one-time use screws, nuts, and seals, which must be replaced or installed according to the ISTA repair instructions/ETK, must be selected from the Electronic Parts Catalog, or other approved BMW resources, according to the respective vehicle type. Invoiced these items separately under the corresponding repair Defect Code.

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) (Main work)	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 and visual inspection, front bumped cover removed (Work time)	(WT)
Or		
00 58 500*	Diagnosis Worktime Flat Rate	2 FRU
And:		
51 11 656	Remove and install front bumper cover	Refer to AIR
And:		
61 99 000	Work time without specification / vehicle electrical system to perform the associated repair measure	8 FRU (per side repaired. 16 FRU Max)

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.

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

*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.

And, as needed:

Sublet – Bulk Materials (RO and Claim Comments Required)

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 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

