



RECALL 20V- 598: ENCODE CONTROL UNITS (REARVIEW CAMERA)

This Service Information Bulletin (Revision 4) replaces SI B66 14 20 **dated September 2020**.

What's New (Specific text highlighted):

- Model
- Situation
- Correction
- Procedure
- Warranty

Please perform the procedure outlined in this Service Information on all affected vehicles before customer delivery. In the event the customer has already taken delivery of the vehicle, please perform the procedure the next time the vehicle is in the shop.

MODEL

E-Series	Model Description	Production Date
F90	M5 Sedan	July 3, 2019 to July 8, 2020
G01	X3 Sports Activity Vehicle (SAV)	July 21, 2019 to September 9, 2020
G02	X4 Sports Activity Coupe (SAC)	August 1, 2019 to September 9, 2020
G30	5 Series Sedan	June 28, 2019 to August 24, 2020

AFFECTED VEHICLES

Vehicles which require this Campaign to be completed will show it as "Open" when checked either in AIR, the "Service Menu" of DCSnet (Dealer Communication System), ISPA Next or Warranty Vehicle Inquiry.

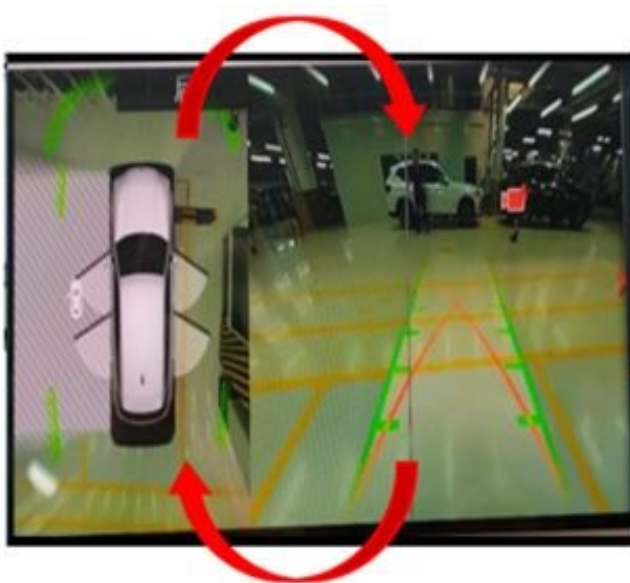
SITUATION

BMW AG has issued a Delivery Stop (effective September 16, 2020) on Model Year 2020 - 2021 BMW 5 Series Sedan, X3 SAV and X4 SAC vehicles that were produced between June 28, 2019 and September 9, 2020.

As of September 28, 2020, this Delivery Stop has been upgraded to a Recall.

When shifting into reverse, a small portion of the rearview image may be slightly obscured, and/or the rearview image and the top view image in the CID (Central Information Display) **may be swapped**. The affected vehicles **must be checked and re-coded if needed** as outlined in the procedure below.

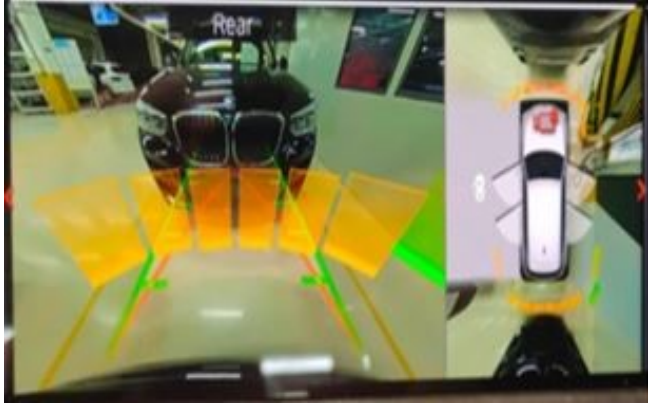
The Recall Notice and Q&A have been attached for further information.



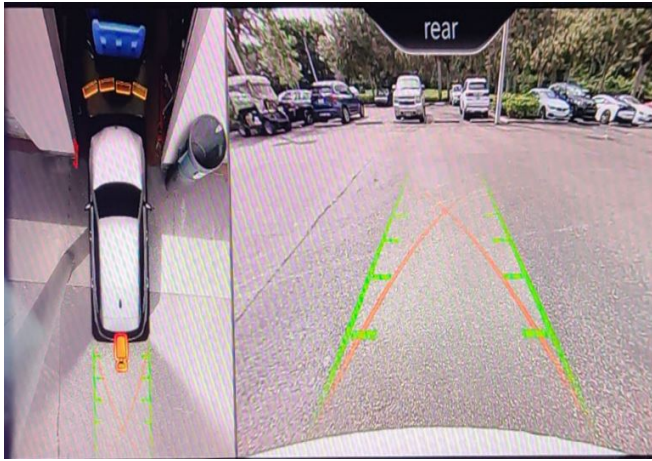
This picture shows a possible failure in vehicles equipped with option 6U3 (Live Cockpit Pro - incl. Navi).

The top view and rearview images are **incorrectly displayed** in the wrong position (swapped) on the CID.

Here the images are displayed in the **correct image position** on the CID for vehicles equipped with option code 6U3 (Live Cockpit Pro - incl. Navi).



This picture shows the **correct image position** for vehicles without option code 6U3.



CAUSE

Software coding error in the ICAM control unit.

CORRECTION

Encode the ICAM control unit with ISTA 4.25.4x (released October 8, 2020) or higher.

Target I-level: S15A-20-07-560 or higher.

PROCEDURE

Vehicle(s) equipped with SA 6U3 (Live Cockpit Pro - incl. Navi):

1. Visually check and compare the camera image in the display to pictures 1 and 2 above in the situation.
2. If the camera image displayed in the CID matches picture 1, then skip step 3 and proceed from step 4.
3. If the camera image displayed in the CID matches picture 2, then no further action is required.
4. Connect the vehicle to ISTA.
5. Start a new programming session, go to Advanced Tab.
6. Select **all** control units for encoding.
7. Calculate and accept measures plan.
8. Once the encoding/programming is completed, allow the vehicle to sleep for 5 minutes.
9. Reassess the vehicle.

Note: Camera image in the CID must match the 2nd picture seen in the situation above.

10. If the image does not match picture 2, then recode the ICAM by repeating steps 5 – 9 above.

Note: Maximum ICAM coding attempts should not exceed 3. Submit a TSARA case if the image is not corrected after the 3rd coding attempt.

Vehicle(s) equipped without SA 6U3:

1. No visual inspection required; however, the ICAM control unit in these vehicles must be encoded.
2. Connect the vehicle to ISTA and start a new programming session.
3. Then go to “Advanced Tab”.
4. Select **all** control units for encoding.
5. Calculate and accept measures plan.
6. ISTA will prompt to encode the ICAM control unit at least 2 more times.

Note: It is extremely important that the additional coding of the ICAM control unit is performed. This ensures that the coding files are downloaded correctly.

7. Complete all concluding work recommended by ISTA.
8. Once the encoding/programming is completed, allow the vehicle to sleep for 5 minutes.

Note: With the release of ISTA 4.27.1x (expected early December 2020, pending verification) the ICAM control unit will automatically be coded multiple times.

Always connect a BMW-approved battery charger/power supply ([SI B04 23 10](#)) when performing programming.

For information on programming and coding with ISTA, refer to CenterNet / TIS / Technical Documentation / Programming and Diagnostics / Programming Documentation.

Reimbursement for this Recall will be via normal claim entry utilizing the applicable work package information below that applies:

Defect Code:	0061630500	F90, G0x Encode control units (ICAM)
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Completion before the first vehicle delivery to a customer or the vehicle is already in the workshop

Work Pkg	Labor Operation	Description (Plus work)	Labor Allowance
# 1	00 69 917	Encoding the ICAM and other vehicle control units (includes connecting an approved battery charger/power supply and performing a vehicle test) (Camera image displayed in the CID matches picture 1)	8 FRU
Or:			
# 2	00 69 918	Programming and encoding the vehicle control units was performed in conjunction with another campaign/repair, either prior to or during this workshop visit (vehicle is already at the specified “Target” integration level or higher, no repair is necessary)	1 FRU
Or, if applicable:			
# 5 (New)	00 70 513	Vehicles equipped with SA 6U3: Visual inspection for correct image layout in CID (Camera image displayed in the CID matches picture 2, no repair is necessary)	3 FRU

Or:

The vehicle arrives at your center and this Recall shows open (No other main work will be performed or claimed during this workshop visit)

Work Pkg	Labor Operation	Description (Main work)	Labor Allowance
# 3	00 69 361	Encoding the ICAM and other vehicle control units (includes connecting an approved battery charger/power supply and performing a vehicle test) (Camera image displayed in the CID matches picture 1)	10 FRU
Or:			
# 4	00 69 362	Programming and encoding the vehicle control units was performed in conjunction with another campaign/repair prior to this workshop visit (vehicle is already at the specified Target integration level or higher, no repair is necessary)	1 FRU
Or, if applicable:			
# 6 (New)	00 70 011	Vehicles equipped with SA 6U3: Visual inspection for correct image layout in CID (Camera image displayed in the CID matches picture 2, no repair is necessary)	5 FRU

Only one of the flat rate labor operation codes listed above can be used for claim submission and reimbursement. Also, only one Main work flat rate labor operation code can be claimed per workshop visit.

Claim Repair Comments

Only reference the SIB number and the work package (Pkg) number performed in the RO technician notes and the claim comments (For example: B66 14 20 WP 1), unless otherwise required by State law.

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

The programming procedure automatically reprograms and encodes all vehicle control modules which do not have the latest software I-level. If one or more control module failures occur during this programming procedure:

- Please claim this consequential control module related IRAP recovery procedure (when applicable as required)/repair work under the defect code listed in this bulletin with the applicable AIR labor operations.

Please explain this additional work (The why and what) on the repair order and in the claim comments section

For control module failures that occurred prior to performing this programming procedure:

- When covered under an applicable limited warranty, claim the applicable test plan and the corresponding control module-related repair work using the applicable defect code and labor operations in AIR (including diagnosis).

As applicable to your center, please refer to [SI B01 01 20](#) or [B01 07 20](#) for claiming your diagnosis work time (WT), WT and repair explanation procedures.

QUESTIONS REGARDING THIS BULLETIN

Technical inquiries	Submit feedback at the top of this bulletin
Warranty inquiries	Submit an IDS ticket to the Warranty Department
Parts inquiries	Submit an IDS ticket to the Parts Department

Supporting Materials

[picture as pdf B661420 Recall Notice.pdf](#)

[picture as pdf B661420_20V-598-Rearview Camera-FAQ-\(27Oct2020\).pdf](#)

