SIB 34 04 25   2025-04-01

SERVICE ACTION: PROGRAMMING INTEGRATED BRAKING SYSTEM
CONTROL UNIT

☒	THIS REPAIR IS MOBILE FRIENDLY
☒	THIS REPAIR IS REMOTE SOFTWARE UPGRADE (RSU) FRIENDLY

MODEL

E-Series	Model Description	Production Date
F95	X5 M Sports Activity Vehicle	June 13, 2022 to November 29, 2023
F96	X6 M Sports Activity Coupe	February 28, 2022 to November 30, 2023
G05	X5 Sports Activity Vehicle	February 23, 2022 to November 30, 2023
G06	X6 Sports Activity Coupe	March 24, 2022 to November 29, 2023
G07	X7 Sports Activity Vehicle	July 21, 2021 to November 29, 2023
G60	5 Series Sedan	July 26 2022 to October 30, 2023
G70	7 Series Sedan	July 23, 2021 to October 26, 2023
U10	X2 Sports Activity Coupe	August 14th 2023
U11	X1 Sports Activity Vehicle	July 12, 2021 to October 31, 2023

AFFECTED VEHICLES

Vehicles which require this campaign to be completed will show it as "Open" when checked either in AIR, AWP, Campaign Summary, or Warranty Vehicle Inquiry.

For centers that qualify, this repair is eligible to be performed via Mobile Assistance.

SITUATION

As a result of a data input error, certain fault memories are permanently stored. The permanent storage of fault memories does not comply with the legal specifications of the authority (California Air Resources Board – CARB).

The fault has no effect on the use of the vehicle by the customer.

CORRECTION

Update the vehicle software via Remote Software Upgrade or ISTA programming.

Required I-Level:
- **24-11-574** or later for F95, F96, G05, G06, G07, G60, G70
- **24-11-567** or later for U10, U11

No parts are needed for this repair.

PROCEDURE

Remote Software Update (RSU) is the preferred method of vehicle software update for this Service Action.

To carry out the procedure via Remote Software Update, follow the instructions in SI B09 01 25.

If the RSU software upgrade method is not available for this vehicle, then the vehicle software needs to be updated via ISTA.

Programming via ISTA

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Determine the vehicle's current I-level by either using AIR or the Key Reader/AWP (Aftersales Workplace) applications.

If the I-Level is currently at …24-11-574 (F95, F96, G05, G06, G07, G60, G70) or 24-11-567 (U10, U11) or a more recent version, do NOT program the vehicle.

If the I-level is lower than …24-11-574 (F95, F96, G05, G06, G07, G60, G70) or 24-11-567 (U10, U11):

Program the vehicle using ISTA 4.52.3x (released March 18, 2025) or higher.
- Connect the battery charger to the vehicle
- Connect the programming system to the vehicle (ISTA 4)
- Determine measures plan
- Accept and fully work through the measures plan with the control units to be programmed/encoded and enabled
- Follow the rework list
- **Depending on the rework list, carry out a vehicle test and delete the fault memory if needed**

After the programming has been fully completed, check functionality of the system.

Note: ISTA will automatically reprogram and code all programmable control modules that do not have the latest software.

Always connect a BMW-approved battery charger/power supply (SI B04 23 10).

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

PARTS INFORMATION
Not required

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 instead when applicable (this includes 00 00 006 or 00 00 556, 61 21 528, and 61 00 730).

Please 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.

As determined by the above, reimbursement for this Action will be via normal claim entry by selecting and submitting for the work package information below that applies.

Plusposition (+)	Completion before the first vehicle delivery to a customer (New in-stock/No in-service date), or the vehicle is already in the workshop for another reason and/or repair, identified by the **"(Plusposition)"** reference in the descriptions below.
Main work	The vehicle arrives for this Service Action, no other Main work will be performed/claimed during this workshop visit, identified by the **"(Main work)"** reference in the descriptions below.

Below are the special flat rate labor operation code choices for this action.

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Repair Code:	0034180300	Fx Gx Ux Program control units (integrated braking system)

Remote Software Upgrade (RSU) Status - Ready to be Installed.

Work Package	Labor Operation	Description	Labor Allowance
# 1	00 78 606	Remote Software Upgrade performed **(Plusposition)**	2 FRU
Or:			
# 2	00 78 087	Remote Software Upgrade performed **(Main work)**	3 FRU

Or:

Vehicle Programming and Encoding

Work Package	Labor Operation	Description	Labor Allowance
# 3	00 78 605	Programming and encoding the vehicle control units, includes Carrying out vehicle test **(00 00 556/61 21 528) (Plusposition)**	8 FRU
Or:			
# 4	00 78 086	Programming and encoding the vehicle control units, includes Carrying out vehicle test **(00 00 006/61 21 528) (Main work)**	9 FRU (G60, G70, U10, U11); 10 FRU (F95, F96, G05, G06, G07)

Or the:

Vehicle is already at the Specified Target Integration Level or Higher

Work Package	Labor Operation	Description	Labor Allowance
# 5	00 78 607	Either in conjunction with **another campaign/repair prior to or during this workshop visit (The RSU is excluded),** the vehicle is already at the specified Target integration level or higher, no repair is necessary **(Plusposition)**	1 FRU
Or:			
# 6	00 78 088	Either in conjunction with **another campaign/repair prior to or during this workshop visit (The RSU is excluded),** the vehicle is already at the specified Target integration level or higher, no repair is necessary **(Main work)**	1 FRU

Only one of the flat rate labor operation codes listed above can be used for claim submission/reimbursement purposes. Also,

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Claim Repair Comments

Only reference the SIB number and the work package (Pkg) number performed in the technician's RO notes and in the claim comments (For example: B34 04 25 WP 1), unless otherwise required by State law.

Programming and Encoding – Additional Work (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 Repair Code in this bulletin together with the corresponding labor operation codes and their flat rate unit (FRU) allowance(s), including the diagnosis* that applies.

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 addresses preexisting control module failures that occurred prior to performing this repair-related programming and encoding procedure, claim this work with the Repair Code listed in AIR together with the corresponding labor operation codes and their flat rate unit (FRU) allowance(s), including the diagnosis* that applies.

(*) 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

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