



SIB 61 21 25

SERVICE ACTION: PROGRAMMING THE CONTROL UNITS (SME) i20

2025-10-21

MODEL

E-Series	Model Description	Production Date
i20	iX xDrive45, iX xDrive60, iX M70 Sports Activity Vehicle	February 11, 2025 – October 1, 2025

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.

SITUATION

BMW AG is conducting a Service Action on certain Model Year 2026 BMW vehicles that were produced between February 11, 2025 – October 1, 2025.

It is possible the State of Health (SoH) of the high-voltage (HV) battery is displayed incorrectly to the customer. The value is continuously displayed as 100% regardless of the actual ageing of the HV battery.

CAUSE

A software error in the Storage Management Electronics (SME).

CORRECTION

Program the SME.

PROCEDURE

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

- Required I-level: I020-25-07-560

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 (Attachment).

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

Program control units with ISTA.

- I-level I020-25-07-560 or higher (ISTA 4.56.1 or higher, estimated release date 10/24/2025)

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 this open Technical Campaign 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 other open campaigns on the vehicle. Close any remaining open programming and encoding Campaign repairs as outlined in the corresponding Service Information Bulletin.

Reimbursement for this Action will be via normal claim entry, as determined by the above, 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 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.

Repair Code:	0061330900	I20 Program control units (SME)
---------------------	-------------------	--

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

Work Package	Labor Operation	Description	Labor Allowance
# 1	00 78 916	Programming the control units (SME) (Plusposition)	2 FRU
Or:			
# 2	00 78 333	Programming the control units (SME) (Main work)	3 FRU

Or:

Vehicle Programming and Encoding

Work Package	Labor Operation	Description	Labor Allowance
# 3	00 78 914	Programming and encoding the vehicle control units, includes Carrying out vehicle test (00 00 556/61 21 528) (Plusposition)	9 FRU
Or:			
# 4	00 78 331	Programming and encoding the vehicle control units, includes Carrying out vehicle test (00 00 006/61 21 528) (Main work)	11 FRU

Or the:

Vehicle is already at the Specified Target Integration Level or Higher

Work Package	Labor Operation	Description	Labor Allowance
# 5	00 78 915	Either in conjunction with another campaign/repair prior to or during this workshop visit (the RSU is excluded) , the vehicle is already at the	1 FRU

Copyright ©2025 BMW of North America, Inc.

		specified Target integration level or higher, no repair is necessary (Plusposition)	
Or:			
# 6	00 78 332	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, only one Main work flat rate labor operation code can be claimed per workshop visit.

Claim Repair Comments

Reference the SIB number, the issue (briefly), and the work package (WP) number performed in the technician's RO notes, and in the claim comments (For example: B61 21 25 SME Software Update WP 3), 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

