



SIB 61 16 26

SERVICE ACTION: PROGRAM ROOF FUNCTION CENTER (FZD-21)

2026-08-27

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

MODEL

E-Series	Model Description	Production Date
i20	iX Sports Activity Vehicle	01/02/22 – 09/30/25

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
- Please make sure you check your center’s inventory as soon as possible. You can see a list of affected vehicles in Inventory Campaign Details (ICD) under ROSS
- For centers that qualify, this Service Action repair is eligible to be performed via Mobile Assistance

SITUATION

In vehicles equipped with the Roof Function Center “FZD-21” variant, a quiescent-current violation may occur if the system fails to enter sleep mode. When this sleep error is present, a remote software upgrade (RSU) may be aborted and the FZD can become degraded.

The following Check Control Messages (CCMs) may be displayed:

- “Energy Management — Increased Energy Consumption While Parked.”
- “Software Upgrade Failed — Workshop Visit Required.”

CORRECTION

Program the control modules using **ISTA 4.61.1x** or later (released August 19, 2026). If needed, perform a battery reset.

PROCEDURE

Determine the vehicle’s current I-level by either using AIR or the Key Reader/AWP (Aftersales Workplace) applications. Use the latest available ISTA to work through test modules.

Based on the vehicle’s current I-level, if necessary, program the vehicle using **ISTA 4.61.1x** (release date August 19, 2026) or higher.

Model	Target integration level
i20	I020-26-07-518 or higher

1. Connect the battery charger to the vehicle.
2. Connect the programming system to the vehicle (ISTA 4).
3. Generate the measures plan.

If the FZD control module is not recognized in the repair plan, perform a battery reset as described in repair instruction **REP-6120908**, “Carrying out a voltage interruption of the 12-V battery.”

4. Accept and complete the measures plan for the control units to be programmed, encoded, and enabled.
5. Follow the rework list. **If required by the rework list, perform a vehicle test and clear the fault memory.**
6. After programming is completed, verify system functionality.

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 TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation

PARTS INFORMATION

A parts replacement will not provide solution.

CLAIM INFORMATION

Vehicle Programming and Encoding

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

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

Repair Code:	0061890900	I20 Programming control units (FZD)
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Below are the special flat rate labor operation code choices for this action.

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.

Work Package	Labor Operation	Description (Plusposition)	Labor Allowance
# 1	00 80 554	Program and encoding the vehicle control units, including Carrying out vehicle test (00 00 556/61 21 528) (roof function center)	8 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 Package	Labor Operation	Description (Main work)	Labor Allowance
# 2	00 80 046	Program and encoding the vehicle control units, including Carrying out vehicle test (00 00 006/61 21 528) (roof function center)	10 FRU

Only one Main work flat rate labor operation code can be claimed per workshop visit.

And, if required:

Additional Work

Expanded WP	Labor Operation	Description	Labor Allowance
A	00 80 555	Additional work/performing a battery reset	3 FRU

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: For example: B61 16 26 Program FZD 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 address 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