SIB 16 03 23   2023-04-25

SERVICE ACTION: PROGRAM CONTROL UNITS (IFM/TFE)

This Service Information Bulletin (Revision #) replaces SI B16 02 23 **dated February 2023.**

☒	THIS REPAIR IS MOBILE FRIENDLY

What's New:

- This service action replaces SIB 16 02 23 for resetting the IFM/TFE

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 dealer 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 recall repair is eligible to be performed via Mobile Assistance.

MODEL

E-Series	Model	Prod. date
G07	X7 Sports Activity Vehicle (SAV)	July 26, 2022 – March 24, 2023
G70	7 Series Sedan	July 19, 2022 – Feb. 27, 2023
U11	X1 SAV	Aug. 3, 2022 – Feb. 24, 2023

SITUATION

Engine cranks but will not start

CAUSE

The control unit for the fuel pump (Integrated Fuel Management (IFM) in ISTA diagnosis or Tank Function Electronics (TFE) in Functional Description in ISTA or AIR) may get stuck in the bootloader when the control unit is woken up during evaporative emissions monitoring.

CORRECTION

Reprogram the IFM/TFE

PROCEDURE

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

Program the vehicle using **ISTA 4.40.5x** or higher (released **February 2023**).

Model	Target Integration level
G07 LCI	**S18A-23-03-545** or higher
G70	**G070-23-03-545** or higher
U11	**U006-23-03-545** or higher

Note that 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**) when performing programming.**

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

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.

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 Service Action will be via normal claim entry utilizing the work package information below that applies.

Defect Code:	0016780200	---

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 73 953	Programming and encoding the vehicle control units, includes Carrying out vehicle test **(00 00 556/61 21 528)**	8 FRU
Or:			
# 2	00 73 954	Programming and encoding the vehicle control units was performed in conjunction with **another campaign/repair 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:

The vehicle arrives at your center and this Service Action 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 73 356	Programming and encoding the vehicle control units, includes Carrying out vehicle test **(00 00 006/61 21 528)**	9 FRU (G70/U11); 10 FRAU (G07)
Or:			
# 4	00 73 357	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

Only one of the flat rate labor operation codes listed above can be used for claim

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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: B16 03 23 WP 1), unless otherwise required by State law.

Programming and Encoding - Vehicle Control Units (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 Defect Code in this bulletin with the labor operations in AIR that apply.

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 control module failures that occurred prior to performing this reprogramming procedure, claim this work with the Defect Code and labor operations (including the diagnosis that applies) in AIR that apply.

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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