SERVICE ACTION: PROGRAM THE BODY DOMAIN CONTROL (BDC) UNIT

This Service Information Bulletin (Revision 2) replaces SI B34 08 20 **dated August 2020.**

What's New:

- SIB title
- Model: Production Date

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
F48	X1 Sports Activity Vehicle	October 28, 2017 – August 7, 2020
F39	X2 Sports Activity Coupe	July 29, 2015 – August 24, 2020
F46	2 Series Grand Tourer (ECE; diplomat)	March 10, 2020 (only 1 vehicle)

AFFECTED VEHICLES

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.

SITUATION

Aftermarket scan tools cannot read fault codes in the Dynamic Stability Control (DSC) unit via the On-Board Diagnostic (OBD) socket.

CAUSE

The DSC data is not processed correctly in the BDC and therefore cannot transmit any diagnostic requests via the OBD using aftermarket scan tools.

CORRECTION

Program the BDC using ISTA 4.25.1x or higher.

PROCEDURE

Program the vehicle using **ISTA 4.25.1x** or higher (released **August 2020**).

Model	Target Integration level
F48(X1 Sports Activity Vehicle)	**F056-20-07-545** or higher
F39 (X2 Sports Activity Coupe)	
F46 (2 Series Grand Tourer (ECE))	

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.**

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

WARRANTY 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 work (before and/or after) the selected campaign or other campaign repairs require and/or close the remaining open programming and encoding Technical Campaign repairs as outlined in the corresponding Service Information Bulletin.

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

Defect Code:	**0034490200**	

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 69 885	Programming the BDC and other control units (includes connecting an approved battery charger/power supply and performing a vehicle test)	8 FRU
Or:			
# 2	00 69 886	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:

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 69 332	Programming the BDC and other control units (includes connecting an approved battery charger/power supply and performing a vehicle test)	9 FRU
Or:			
# 4	00 69 333	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 submission/reimbursement purposes. 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: B34 08 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).

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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

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