



SIB 34 06 21

2021-05-17

## SERVICE ACTION: PROGRAM THE DYNAMIC STABILITY CONTROL (DSC) UNIT

This Service Information Bulletin (Revision 1) replaces SI B34 06 21 **dated May 2021**.

### What's New:

- Situation

### MODEL

E-Series	Model Description	Production Date	Affected Option Code
G20	3 Series Sedan	July 17, 2019 – October 21, 2020	With XB1G or B58D engine
G22	4 Series Coupe	November 22, 2019—October 21, 2020	With B58D engine

### AFFECTED VEHICLES

Affected vehicles which require this Campaign to be completed will show it as “Open” when checked either in AIR, the “Service Menu” of DCSnet (Dealer Communication System), ISPA NEXT or Warranty Vehicle Inquiry.

### SITUATION

Software in the DSC unit could cause a reduction of brake regeneration for the next 40 drive (key) cycles. As a result, the vehicle would not satisfy certain emissions requirements.

### CAUSE

Software error in the DSC control unit

### CORRECTION

Program the DSC unit with ISTA 4.27.1x or higher

### PROCEDURE

Determine the vehicle's current I-level by either using AIR or the ISPA NEXT application.

If the I-level is lower than S18A-20-11-540 :

- Program the vehicle using ISTA **4.27.1x** or higher (released since **12/2020**).

Model	Target Integration level
G20 (3 Series Sedan)	<b>S18A-20-11-540</b> or higher
G22 (4 Series Coupe)	

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 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.

<b>Defect Code:</b> 0034590200	---
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**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 70 890	Programming and encoding the vehicle control units (includes providing support voltage for the vehicle electrical system and performing a vehicle test)	8 FRU
Or:			
# 2	00 70 891	Programming and encoding the vehicle control units was performed in conjunction with <b>another campaign/repair prior to or during this workshop visit</b> (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 70 342	Programming and encoding the vehicle control units (includes providing support voltage for the vehicle electrical system and performing a vehicle test)	10 FRU
Or:			
# 4	00 70 343	Programming and encoding the vehicle control units was performed in conjunction with <b>another campaign/repair prior to this workshop visit</b> (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 06 21 WP 1), unless otherwise required by State law.

### Programming and Encoding the 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 repair work (including performing the IRAP Control Unit Recovery procedure first as required, refer to the SIB in AIR) under the defect code listed in this bulletin with the applicable AIR labor operations.

Please explain this additional work (The why and the 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).

As applicable to your center, please refer to **SI B01 01 20** or **B01 07 20** for claiming your diagnosis work time, job/repair work time (WT), RO/Claim WT and the repair-related explanation procedures, unless otherwise required by State law.

### QUESTIONS REGARDING THIS BULLETIN

Technical inquiries	Submit feedback at the top of this bulletin
Warranty inquiries	Please contact the Warranty department by either using the Live Chat that's available in the Warranty Documentation Portal or through IDS by selecting Coverage, Policy, Coding Questions and Mileage Corrections
Parts inquiries	Submit an IDS ticket to the Parts Department