



SIB 24 03 23

2023-08-18

## SERVICE ACTION: PROGRAM THE TRANSMISSION CONTROL UNIT (EGS)

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 if the campaigns have a status of remedy available.

<input checked="" type="checkbox"/>	THIS REPAIR IS MOBILE FRIENDLY
-------------------------------------	--------------------------------

### MODEL

E-Series	Model Description	Production Date	Affected Engine
G05	X5 Sports Activity Vehicle	From June 15, 2020 thru January 20, 2023	B58C
G06	X6 Sports Activity Coupe	From July 30, 2020 thru December 17, 2023	B58C
G07	X7 Sports Activity Vehicle	From August 3, 2020 thru June 27, 2023	B58C
G20	3 Series Sedan	From July 1, 2020 thru June 30, 2022	B58D
G22	4 Series Coupe	From June 19, 2020 thru January 20, 2023	B58D
G23	4 Series Convertible	From October 26, 2020 thru May 6, 2021	B58D
G30	5 Series Sedan	From June 15, 2020 thru July 7, 2022	B58C

### 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 campaign repair is eligible to be performed via Mobile Assistance.

### SITUATION

A software error may cause an unwanted pressure pulsation in the transmission during a “Remote Engine Start.”

### CAUSE

In rare circumstances, this pulsation may cause damage to the transmission.

### CORRECTION

Update the software in the transmission control unit (EGS).

### PROCEDURE

Determine what is the vehicle’s current I-level by either using AIR or the Aftersales Workplace (AWP) application, when applicable:

Program the vehicle using **ISTA 4.42.4x** or higher (released **8/18/23**).

Model	Target Integration level
G05 (X5 Sports Activity Vehicle)	<b>S18A-23-07-535</b> or higher
G06 (X6 Sports Activity Coupe)	

G07 (X7 Sports Activity Vehicle)	
G20 (3 Series Sedan)	
G22 (4 Series Coupe)	
G23 (4 Series Convertible)	

<b>Model</b>	<b>Target Integration level</b>
G30 (5 Series Sedan)	<b>S15A-23-07-535</b> 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.**

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

**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 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>Repair Code:</b>	<b>0028220100</b>	---
---------------------	-------------------	-----

Below are the special flat rate labor operation code choices for this action.

**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 74 953	Programming and encoding the vehicle control units (EGS), includes Carrying out vehicle test <b>(00 00 556/61 21 528)</b>	8 FRU
Or:			
# 2	00 74 954	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**

Work Pkg	Labor Operation	Description (Main work)	Labor Allowance
# 3	00 74 307	Programming and encoding the vehicle control units (EGS), includes Carrying out vehicle test <b>(00 00 006/61 21 528)</b>	10 FRU
Or:			
# 4	00 74 308	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: B24 03 23 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 with the labor operations 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 Repair Code and labor operation codes (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

