



SIB 12 06 23

2023-09-20

B58N ENGINE: VARIOUS EXHAUST SWITCH FAULTS STORED IN THE DME

This Service Information Bulletin (Revision 1) replaces SI B12 06 23 **dated September 2023**.

What's New:

- Additional fault added to the Situation section
- Procedure steps adjusted
- Return process added for parts that were received after the update (you have 30 days to return the parts)
- Claim Information updated

THIS REPAIR IS MOBILE FRIENDLY

MODEL

G05 (X5 Sports Activity Vehicle)	G06 (X6 Sports Activity Coupe)	G07 (X7 Sports Activity Vehicle)
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SITUATION

The engine malfunction warning is illuminated and one or more of the following faults are stored in the DME:

034D63 - Exhaust switchable cam follower, system: continuous deactivation, maximum number of switching errors exceeded

035601 - Exhaust switchable cam follower 1, electrical: cable break

035604 - Exhaust switchable cam follower 2, electrical: cable break

034BBF - Exhaust switchable cam follower, system: switching errors

CAUSE

An unfavorable calibration of the Digital Motor Electronics (DME) software.

CORRECTION

Program the vehicle with ISTA Next to the target I-Level shown below.

PROCEDURE

1. If "FC 034D63 - Exhaust switchable cam follower, system: continuous deactivation, maximum number of switching errors exceeded" is stored in the DME, create a TSARA Hotline Case and wait for a response. Do not continue with the procedure described in this Service Bulletin until you receive a response. If FC 034D63 is no stored in the DME then proceed to step 2.

2. Determine what is the vehicle's current I-level by either using AIR or the Key Reader/Aftersales Workplace (AWP) application.

When applicable, program the vehicle using **ISTA 4.43.2X** or higher (released **September 2023**).

Model	Target Integration level
G05 (X5 Sports Activity Vehicle)	S18A-23-07-545 or higher
G06 (X6 Sports Activity Coupe)	
G07 (X7 Sports Activity Vehicle)	

3. If the vehicle still has fault code 034BBF after programming, clear the fault and test drive the vehicle approximately 5 miles. If no exhaust switchable cam follower faults return, then the vehicle can be released. If any exhaust switchable cam follower faults return, create a TSARA Hotline Case and wait for a response.

IMPORTANT:

If the vehicle is released, then cancel all backorders for any cylinder heads that were already authorized by the TSARA Hotline.

If the parts have already been received, then you have the option to return these parts via the IDS System.

Select "Parts Logistics"

Select "Returns"

Select "Claims"

Select "Quality"

Select "Other"

Request the return of the items.

The parts must be returned within 30 days.

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.

Only when the above does not apply, the BMW software solution is then:

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks, including Emissions when determined applicable (State and Model Year-specific) or the BMW Certified Pre-Owned Program.

Repair Code:	1136100200	eVANOS control unit Software error / internal device fault
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Obtain the flat rate unit (FRU) allowances for the following that applies.

Labor Operation	Description	Labor Allowance
00 00 006	Carrying out vehicle test (Main work)	As applicable

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Or:		
00 00 556	Carrying out vehicle test (Plus work)	As applicable
And:		
61 21 528	Supporting voltage of the vehicle electrical system / recharging vehicle battery	As applicable
And, as needed:		
61 00 006*	Carrying out vehicle diagnosis, ABL (Work time)	WT
Or:		
00 58 500*	Diagnosis Worktime Flat Rate	2 FRU
And:		
61 00 730	Program/encode control unit(s), includes deleting the fault memory	As applicable

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead of 00 00 006, or exclude (including 61 21 528) when the Vehicle Test is included in another repair.

Work time labor operation codes 61 00 006 and 00 58 500 are not considered Main labor operations.

BMW Group's AIR Application Resource for Flat Rate Labor Operation Codes

To obtain the corresponding flat rate unit (FRU) allowance information from the BMW Group AIR application resource, start by entering the Chassis Number, which consists of the VIN's last seven (7) characters or use the full VIN. Click on the "Search" button, and then enter the applicable flat rate labor operation in the FR code field.

Vehicle 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 flat rate labor operation codes 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 the flat rate 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

