



SIB 12 06 26

DELIVERY STOP: VARIABLE VALVE TIMING

2026-06-10

This Service Information Bulletin (Revision 1) replaces SI B12 06 26 dated **May 2026**.

What's New:

- Situation updated
- Cause added
- Procedure added
- Claim Information added

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

E-Series	Model Description	Production Date
F95	X5 M Sports Activity Vehicle	March 13, 2023 – May 7, 2026
F96	X6 M Sports Activity Vehicle	March 9, 2023 – May 7, 2026

SITUATION

In these vehicles with an S68 engine, an incorrect diagnosis of the Valvetronic (VVT) may occur. Under certain operating conditions, the software may detect a short-circuit in the valve control system even though there is no fault.

When the above-mentioned fault occurs, the red Check Control warning light 'Drive system fault' illuminates. This can result in the intake valves closing gradually, which may lead to misfires while the engine is running.

CAUSE

Unfavorable software.

PROCEDURE

It must be checked whether the customer has already downloaded the required software in the vehicle via Remote Software Upgrade (**RSU**) but has not yet installed it. In this case, programming must be carried out via **RSU** as described under **Note A**. A detailed description of the procedure can be found in the dealer portal (**COMPASS article 80383**).

Note:

A. Check whether programming via RSU is possible

The processing of the technical campaign **must be carried out via RSU** if the installation request for RSU is available in the vehicle.

The availability of the installation request can be checked either via ConnectedDrive Dealer Cockpit or Aftersales Workplace (AWP), as well as in the vehicle.

1. If the **RSU software version to be installed is 03/2026.68** or higher, start the RSU installation in the vehicle and follow the instructions on the central information display. If the software version to be installed is lower, then proceed with **point B** Programming via ISTA.
2. After approx. 30 minutes, check in the vehicle whether the RSU installation has been carried out successfully and at least **RSU SW version 03/2026.68** has been installed.
3. If the programming has been carried out successfully, the vehicle can be returned to the customer.

B. Programming via ISTA

- Connect the battery charger to the vehicle
- Connect the programming system to the vehicle (ISTA 4)
- Determine the measures plan
- Accept or work through the entire measures plan with the control units to be programmed/encoded and, if necessary, activated
- Follow the rework list
- Depending on the rework list, carry out a vehicle test and delete the fault memory, if required

Note:

Please check the rework list accordingly!

ISTA 4.59.4x with installed service data package is required for the programming/encoding.

The fault elimination is included from the following I-level versions:

- **I-level S18A-26-03-568 or later** (available from ISTA 4.59.4x, expected publication from June 10, 2026 onwards)

The programming must be carried out using the I-levels given above or a later one!

Please observe the information regarding programming in the workshop system and the corresponding notices in the user documentation.

Important Note: A parts replacement does not provide a remedy and is therefore not permitted.

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 this open Technical Campaign to perform and submit for updating the vehicle to the required I-level or higher instead when applicable (this includes 00 00 006 or 00 00 556, and 61 00 730).

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 remaining programming and encoding Campaign repairs as outlined in the corresponding Service Information Bulletin.

Reimbursement for this Action will be via normal claim entry, as determined by the above, by selecting and submitting for the work package information below that applies.

Plusposition (+)	Completion before the first vehicle delivery to a customer (New in-stock/No in-service date), or the vehicle is already in the workshop for another reason and/or repair, identified by the “ (Plusposition) ” reference in the descriptions below.
Main work	The vehicle arrives for this Action, no other Main work will be performed/claimed during this workshop visit, identified by the “ (Main work) ” reference in the descriptions below.

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

Repair Code:	0012810600	F95 F96 S68T Programming control units (DME database version)
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Remote Software Upgrade (RSU) Status is Ready to be Installed.

Work Package	Labor Operation	Description	Labor Allowance
# 1	00 79 836	Remote Software Upgrade performed (RSU status: Ready to be installed) (Plusposition)	2 FRU

Or:			
# 2	00 79 259	Remote Software Upgrade performed (RSU status: Ready to be installed) (Main work)	3 FRU

Or:

Vehicle Programming and Encoding with ISTA

Work Package	Labor Operation	Description	Labor Allowance
# 3	00 79 835	Programming and encoding the vehicle control units, includes Carrying out vehicle test (00 00 556/61 21 528) (Plusposition)	7 FRU
Or:			
# 4	00 79 258	Programming and encoding the vehicle control units, includes Carrying out vehicle test (00 00 006/61 21 528) (Main work)	9 FRU

Or the:

Vehicle is already at the Specified Target Integration Level or Higher

Work Package	Labor Operation	Description	Labor Allowance
# 5	00 79 837	Either in conjunction with another campaign/repair prior to or during this workshop visit (the RSU is excluded) , the vehicle is already at the specified Target integration level or higher, no repair is necessary (Plusposition)	1 FRU
Or:			
# 6	00 79 260	Either in conjunction with another campaign/repair prior to or during this workshop visit (the RSU is excluded) , the vehicle is already at the specified Target integration level or higher, no repair is necessary (Main work)	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

Reference the SIB number, the issue (briefly), and the work package (WP) number performed in the technician's RO notes, and in the claim comments (For example: B12 06 26 Valvetronic SW Update WP 1), unless otherwise required by State law.

Programming and Encoding – Additional Work (RO and Claim Comments Required)

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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 together with the corresponding labor operation codes and their flat rate unit (FRU) allowance(s), including the diagnosis* that applies.

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 preexisting control module failures that occurred prior to performing this repair-related programming and encoding procedure, claim this work with the Repair Code listed in AIR together with the corresponding labor operation codes and their flat rate unit (FRU) allowance(s), 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