



SIB 12 03 24

B48P AND B48R ENGINE: FC 034AEF EXHAUST COLD START, NOT CONTROLLABLE
2026-02-12

This Service Information Bulletin (Revision 6) replaces SI B12 03 24 dated February 2026.

What's New:

- Procedure

<input type="checkbox"/>	THIS REPAIR IS MOBILE FRIENDLY
<input type="checkbox"/>	THIS REPAIR IS REMOTE SOFTWARE UPGRADE (RSU) FRIENDLY

MODEL

U11 X1 Sports Activity Vehicle
U10 X2 Sports Activity Vehicle

SITUATION

The Engine Malfunction Warning is illuminated, and the following fault code is stored in the DME-

FC 034AEF Exhaust Cold Start, Not Controllable

CAUSE

A DME calibration error.

PROCEDURE

Online Patch Activation with ISTA 4.57.3x released on January 26th, 2026.

ISTA 4.57.3x with installed service data package is required for the programming/encoding.

Vehicle I-level must be 25-11-560 or higher prior to starting the programming. This prevents possible WAVE failures.

This patch should only be used for FC 034AEF Exhaust Cold Start, Not Controllable

Model	Target Integration level
U11, U10	U006-26-03-527

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.

Online patch activation with ISTA

Attention! With ISTA 4.57.3x, the I-level **U006-26-03-527** is expected to be activated online from 02.10.2026 and offered for download within the programming session.

Attention! After downloading online i-level you will see target i-level change to U006-26-03-527.

See compass item 84820 ISTA: How does programming work with Online I level software?

- Connect the battery charger to the vehicle
 - Connect the programming system to the vehicle (ISTA 4)
 - Determine the measures plan

Attention! You will be prompted with the below request you must choose “Activate online integration level”. This will only appear until the future release of ISTA 4.58.2x. In the event you must program the vehicle for another reason use the “Continue” tab and ISTA will use the latest I-level prior to the patch.

Attention! In some cases, you may not receive the prompt to activate the online I-level. In these cases, you will need to manually select the DME for programming and coding. Once you select “execute measures plan” the prompt to activate the online level will appear. If you are still having issues with activating the online I-level, you will need to check/refresh your ISTA login.

The screenshot displays the ISTA software interface. At the top, the status bar shows 'Integrated Service Technical 4.57.30' and 'Application Programming data: 4.57.30'. Below this, the VIN is '5Z98500' and the current state is 'Executing measures plan'. A progress bar is visible. A 'Notice!' dialog box is open, stating: 'More up-to-date online I level available! Depending on the download speed, this process may take some time.' Below the notice, it says: 'A more up-to-date online I level is available for the connected vehicle: U006-26-03-527. To download the online I level and activate the measures plan calculation, click on the "Activate online I level" button.' It then provides instructions for the current I level: 'If measures plan is due to be implemented based on the I level currently already available on the computer: U006-25-11-560 continue with "Next".' and 'Otherwise, terminate implementation of the measures plan with "Cancel".' A 'Warning!' dialog box is also present, stating: 'If the vehicle is due to be programmed as part of a technical campaign, it is necessary to check if the above-mentioned I level has been released for this technical campaign.' At the bottom of the dialog, there are buttons for 'Cancel', 'Continue', and 'Activate online I level.'. The background interface shows a table of operations with columns for 'Type' and 'Plan', and a 'State' column on the right. At the bottom of the screen, there are buttons for 'Back', 'Display operations report', 'Execute service function', 'Reject measures plan', 'Calculate measures plan', and 'Execute 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

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 notes in the user documentation.

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 when applicable (Includes labor operation codes 00 00 006/556, 61 21 528 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 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 CA 7/70, Federal 8/80), or the BMW Certified Pre-Owned Program as described below.

Repair Code:	1136019900	Camshaft adjusting unit (VANOS) Fault code stored in diagnosis fault code memory (no warning lamp)
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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
Or:		
00 00 556	Carrying out vehicle test (Plusposition 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 FRU
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 them (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.

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 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

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For covered repairs that address control module failures that occurred prior to performing this reprogramming procedure, claim this work with the applicable 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.

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 the Chassis Number (last seven (7) characters of the VIN), and click on the "Search" icon. If the "Vehicle Selection" window displays two or more model possible vehicle choices, select the applicable Model, or enter the full VIN (17 characters) instead to proceed. Click on the "Flat Rate Units" button and enter a flat rate labor operation code number "without spaces" in the field to the right, click on the "Search" icon to display the corresponding listing of "Flat rate unit group details" that are available and their corresponding FRU allowances.

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

