



SIB 84 05 25

2025-08-13

## REPLACEMENT TELEMATICS MODULE CANNOT BE PROGRAMMED BY ISTA

### MODEL

| E-Series | Model Description          | Affected Option Code          |
|----------|----------------------------|-------------------------------|
| G26      | 4 Series Gran Coupe        | With SA 6PA – “Personal eSIM” |
| i20      | iX Sports Activity Vehicle |                               |

### SITUATION

After the telematics module (TCB4) has been replaced, the replacement part control unit is not accepted by ISTA.

### CAUSE

The replacement telematics module (TCB4) is built by a different supplier.

### CORRECTION

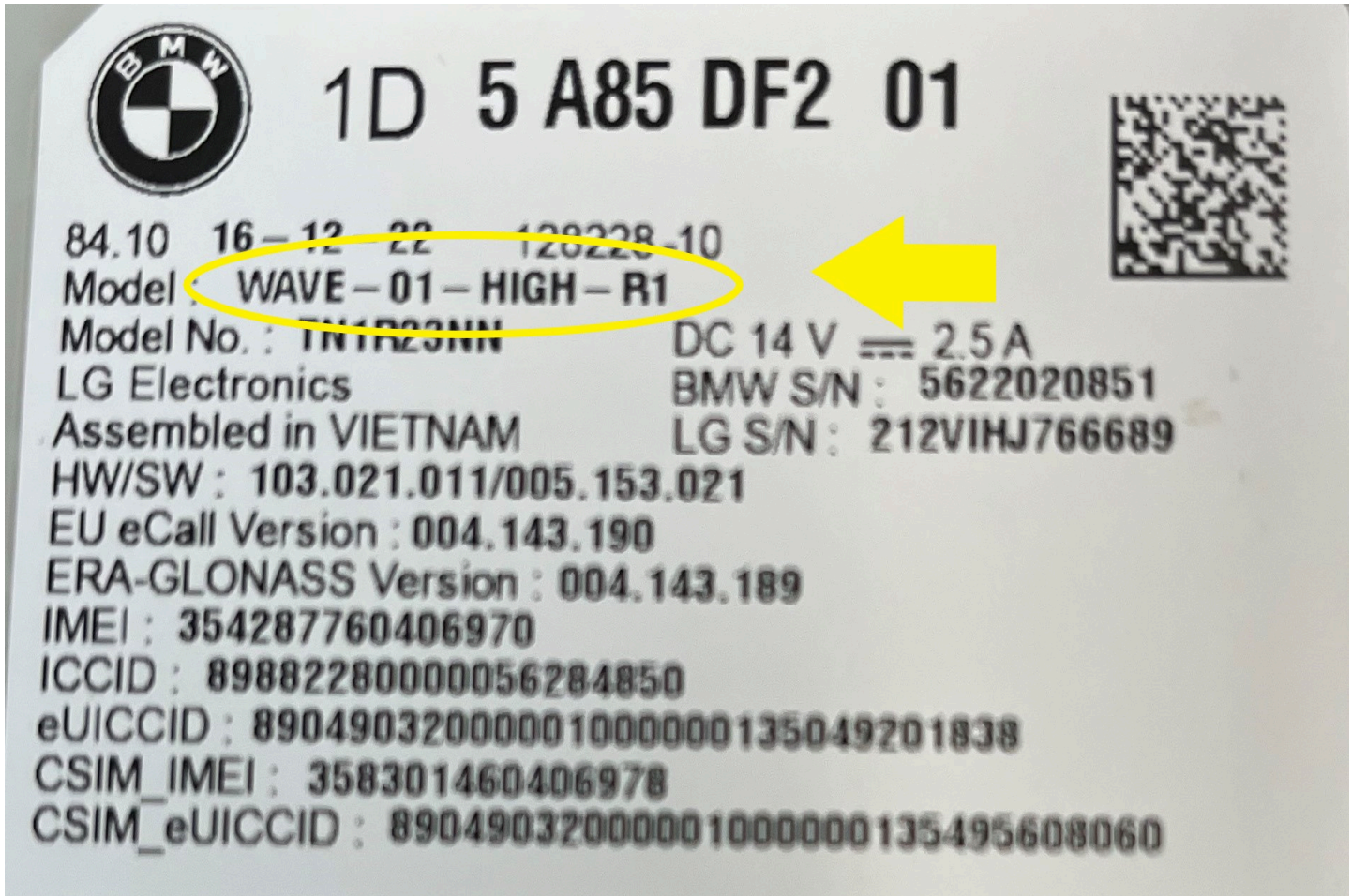
Perform an ISTA conversion to add the K-word “ERWA” to the Vehicle Order. This will alter the TCB4 coding.

### PROCEDURE

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

The TCB4 replacement parts are changing supplier versions from WAVE-11 High to WAVE-01 High. This change in hardware will not be accepted in ISTA when performing programming for replacement.

When replacing the TCB4 due to a failure, make sure to check the information sticker in the replacement module for the version.



For ISTA to accept the hardware change from WAVE-11 to WAVE-01, the programming conversion “Replacement of WAVE11 to WAVE01” will need to be performed AND the vehicle will need to be programmed to I-level ...25-07-500 or higher.

If the original module is a WAVE-11 high and the replacement module is a WAVE-01 High, perform the following steps:

1. Verify ISTA 4.54.3x (released July 22, 2025) or higher is installed at the dealership.
2. Install the replacement TCB4 (WAVE-01 High) in the vehicle.
3. In ISTA, select the conversion “Replacement of WAVE11 to WAVE01” using the following path:
  - Vehicle Management
  - Vehicle Modification
  - Conversion
  - “Replacement of WAVE11 to WAVE01”
4. Perform the conversion, and program the vehicle to I-level ...25-07-500 or higher.

ISTA will automatically reprogram and code all programmable control modules that do not have the latest software.

- Connect the battery charger to the vehicle
- Connect the programming system to the vehicle (ISTA 4)
- Select “Conversion of Central Bass”

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- Accept and fully work through the measures plan with the control units to be programmed/encoded and enabled
- Follow the rework list
- **Depending on the rework list, carry out a vehicle test and delete the fault memory if needed**

After the programming has been fully completed, check the functionality of the system.

**Always connect a BMW-approved battery charger/power supply (SI B04 23 10).**

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

## PARTS INFORMATION

To determine the part number(s) that applies to the specific vehicle being repaired, enter the VIN / Chassis number into either ETK or AIR, this will consider the specific equipment and/or options that are fitted to the vehicle.

| Part Number      | Description                                    | Quantity |
|------------------|--|----------|
| Refer to ETK/AIR | Telematic Communication Box 4 (5G US HIGH W01) | 1        |

## CLAIM INFORMATION

When required, in conjunction with an applicable covered Telematics Control Module replacement repair, is under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.

|                         |                   |   |
|-------------------------|-------------------|---|
| <b>AIR Repair Code:</b> | <b>841102NN00</b> | <b>Claim with the Repair Code for the Telematic Communication Box replacement repair that required the additional “Replacement of WAVE11 to WAVE01” conversion procedure to be performed.</b> |
|-------------------------|-------------------|---|

Obtain the flat rate unit (FRU) allowances for the following that applies.

### A Covered Telematics Control Module Replacement Repair was Performed after Diagnosis

| Labor Operation | Description   | Labor Allowance         |
|-----------------|---|-------------------------|
| 84 10 851       | Replacing telematics control module under headliner (with sliding/tilting sunroof) (after vehicle diagnosis) (FRU specification without programming/encoding)                       | As applicable (G26)     |
| Or:             |   |                         |
| 84 10 850       | Replacing telematics control module under headliner (without sliding/tilting or panoramic glass sunroof) (after vehicle diagnosis) (FRU specification without programming/encoding) | As applicable (G26/I20) |
| Or:             |   |                         |
| 84 10 852       | Replacing telematics control module under headliner (After vehicle diagnosis (with panoramic glass sunroof), FRU specification without programming/coding)                          | As applicable (I20)     |
| And:            |   |                         |
| 84 99 000       | Worktime to perform the conversion “Replacement of WAVE11 to WAVE01”  | 1 FRU                   |

And for situation below that applies:

### Vehicles without an Open Programming and Encoding Technical Campaign or Similar Repair

The vehicle is currently in the workshop for a covered Telematics Control Module Replacement Repair

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| Labor Operation | Description  | Labor Allowance |
|-----------------|--|-----------------|
| 61 00 730       | Program/encode control unit(s), includes deleting the fault memory | As applicable   |

Or:

The vehicle returns to your workshop with this issue several days after a covered Telematics Control Module replacement repair was performed.

| Labor Operation | Description  | Labor Allowance |
|-----------------|--|-----------------|
| 00 00 006       | Carrying out vehicle test <b>(Main work)</b>                                     | As applicable   |
| Or:             |  |                 |
| 00 00 556       | Carrying out vehicle test <b>(Plusposition work)</b>                             | 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:            |  |                 |
| 84 99 000       | Worktime to perform the conversion "Replacement of WAVE11 to WAVE01"             | 1 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 claim comments.

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.

#### 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 (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"

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“Search” icon to display the corresponding listing of “Flat rate unit group details” that are available and their corresponding FRU allowances.

(\*) 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   |

