



SIB 64 07 23

2025-02-03

DELIVERY STOP: EKK (eKMV) Circuit Board

This Service Information Bulletin (Revision 2) replaces SI B64 07 23 dated July 11, 2023.

What's New:

- The Parts and Claim Information sections have been updated.

MODEL

E-Series	Model Description	Production Date
G26	i4 eDrive 35 i4 eDrive 40 i4 M50 Battery Electric Vehicle (BEV)	April 19, 2023 – April 24, 2023

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. As of June 30, 2023, you can see a list of affected vehicles in Inventory Campaign Details (ICD) under ROSS.

SITUATION

BMW AG has issued a Delivery Stop (effective June 29, 2023) on certain Model Year 2023 BMW i4 vehicles that were produced between April 19, 2023, and April 24, 2023.

Do not deliver to a customer, a New, Certified Pre-Owned or Used vehicle subject to a Delivery Stop, until the vehicle is repaired. Do not use or sell replacement equipment/parts subject to a Delivery Stop.

CAUSE

Contaminants were found on the printed circuit board of the electric A/C compressor (EKK).

CORRECTION

Removal and replacement of the electric A/C compressor (EKK).

PROCEDURE

The repair instructions **RA 64 52 531** is available with ISTA version 4.42.1x and are expected to be available from 28/06/2023.

Important Warning for Working on the High-Voltage (HV) systems on BMW Group vehicles:

Only properly trained personnel, who passed all applicable HV Technical Training Courses, should perform repairs which require disconnecting, or removal of High Voltage battery components on any Hybrid or Electric Vehicle. Work performed on High Voltage systems by unqualified persons may result in severe injury or damage to the vehicle. Additional safety information is found in Repair Instruction 61 00... “Observe safety instructions when handling electric vehicles”.

Additional Information:

Scheduled Maintenance, or Quality Certification 1 (Pre-Delivery Inspection) on Electric or Hybrid vehicles does not require HV technical training.

Prior to disconnecting, or the removal of any HV component, the HV system needs to be disabled and secured (by means of the HV Disconnect Switch) by a properly trained technician, who has a minimum HV Qualification level after completing the Technical Training Course ST1824 (Alternative Drive Part 1). Once the vehicle’s HV system is disabled (the “Blitz” - lightning bolt icon displayed in instrument cluster, see below), a technician without HV Certification may remove a HV component (e.g., EH Heater, EKK Compressor, EME Control Unit, et.), except for the High Voltage Battery.



High Voltage Battery removal and rework can be performed ONLY by a HV Specialist Technician (certified by the Technical Training Course ST1825 – Alternative Drive Part 2), AND with a HV Battery Certification level corresponding to a specific Electric or Hybrid vehicle (e.g., to repair GEN4 battery of G05 PHEV, certification from Technical Training Course “ST2006 – SP44 HV Battery” is required).

Therefore, to perform this SIB 61 16 22 a GEN5 battery Certification is required from Technical Training Course “ST2205 Generation 5 High-voltage” class).

PARTS INFORMATION

Only use and invoice the applicable part numbers listed below.

Refer to the Parts Matrix for the most up-to-date ordering procedure.

Part Number	Description	Quantity
64 52 5A84970	Electric air conditioning compressor (EKK)	1
Or:		
64 52 5B31E59	Electric A/C compressor (EKK)	1
07 12 9909840	ISA screw (M7x37) - i4 M50	4
07 11 9909846	Hex bolt (M7x46) – i4 eDrive 35/eDrive 40	4
64 53 9284019	O ring	1
64 53 9284018	O ring	1

Note:

Follow the repair instructions and renew bolts (listed above) securing the electric A/C compressor (EKK) to the holder. The bolts securing EKK and holder assembly to engine support bracket should be reused.

Bulk Material - Sublet

Part Number	Description	Quantity
83 19 2 446 563	BMW Group R-1234YF - (10lb / 160oz) (1oz Billing PN)	Sublet as needed

Additionally, other materials and small parts that are not specified above, such as fluids, lubricants, one-time

instructions/ETK, must be selected from the Electronic Parts Catalogue, or other approved BMW resources, according to the respective vehicle type. Invoiced these items separately under the Repair Code listed in this bulletin.

CLAIM INFORMATION

Reimbursement for this Action will be via normal claim entry utilizing the applicable work package information below and the part numbers listed above that apply.

Repair Code:	0064210200	G26 Replacing BEV electric air conditioning compressor
---------------------	-------------------	---

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.

Work Pkg	Labor Operation	Description (Plus work)	Labor Allowance
# 1	00 74 867	Replace electric A/C compressor (includes 64 50 510 to extract, evacuate and fill air conditioning system)	As applicable

Or:

The vehicle arrives at your center and this Action shows open (No other Main work will be performed or claimed during this workshop visit).

Work Pkg	Labor Operation	Description (Main work)	Labor Allowance
# 2	00 74 224	Replace electric A/C compressor (includes 64 50 010 to extract, evacuate and fill air conditioning system)	As applicable

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: B64 07 23 WP 1), unless otherwise required by State law.

Sublet – Bulk Materials (RO and Claim Comments Required)

Sublet Code 4	Up to \$30.00	Reimbursement for the repair-related bulk material (Do not use the BMW part number for claim submission)
----------------------	---------------	--

Sublet reimbursement calculation for claiming the applicable repair-related bulk material (BMW part number) is at the dealer net price amount for the proportional quantity (one ounce qty billing PN) plus your center’s handling.

Enter this material cost in sublet and itemize the amount on the repair order and in claim comment section.

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” 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.

Alternative Mobility Solution (AMS) for Vehicle Owners (RO and Claim Comments Required)

This Action’s repair qualifies for the Alternative Mobility Solution (AMS) expense reimbursement, claim this item under the Repair Code noted above as follows:

Sublet Code 2 - Itemize the AMS sublet amount on the repair order and in the claim comment section.

Please refer to [SI B01 29 16](#) for additional information.

[FEEDBACK REGARDING THIS BULLETIN](#)

Technical Feedback	To submit feedback for the technical topics 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

