



## SIB 61 17 20

2020-09-11

### RECALL 20V-490: HIGH-VOLTAGE BATTERY

This Service Information Bulletin (Revision 1) replaces SI B61 17 20 **dated August 2020**.

This Service Information Bulletin (Revision 2) replaces SI B61 17 20 **dated August 2020**.

#### What's New:

- Parts Return information and attachments added
- Warranty Information updated

Please perform the procedure outlined in this Service Information on all affected vehicles before customer delivery. In the event the customer has already taken delivery of the vehicle, please perform the procedure the next time the vehicle is in the shop.

## MODEL

E-Series	Model Description	Production Date
G01	X3 xDrive30e Sports Activity Vehicle (SAV)	July 8, 2020 – August 6, 2020
G20	330e Sedan	June 15, 2020

## AFFECTED VEHICLES

Vehicles which require this Campaign to be completed will show it as "Open" when checked either in AIR, the "Service Menu" of DCSnet (Dealer Communication System), ISPA Next or Warranty Vehicle Inquiry.

## SITUATION

BMW AG has issued a Delivery Stop (effective August 7, 2020) on certain Model Year 2020-2021 BMW Hybrid-Electric vehicles that were produced between June 15, 2020 and August 6, 2020.

As of August 14, 2020, this Delivery Stop has been upgraded to a Recall.

Highlighted text below is for emphasis.

#### Attention!

**The vehicle's high-voltage (HV) battery is not to be charged until you've completed the charging history test plan and confirmed that a prior charge has been successfully completed to 100% state of charge (SOC).**

If the vehicle has **NOT** had a charging process completed to **100% SOC**; this vehicle must **NOT BE RELEASED** to the customer. Refer to the attachment procedure for more information.

The Recall Notice and Q&A have been attached for further information.

## CAUSE

On Plug-in Hybrid Electric Vehicle (PHEV) models, the HV battery may not have been produced to specifications. When charging the battery to near its full state of charge, this could lead to a short-circuit and, in rare cases a thermal event.

## CORRECTION

The vehicle will be inspected and, if necessary, HV module(s) will be replaced.

## PROCEDURE

Refer to the attachment.

## **PARTS INFORMATION**

**Only use and invoice the Part Numbers for Technical Campaign below that apply.**

**Performing a part number look-up in ETK (EPC) by VIN or model in place of using/invoicing the following part numbers may result with the wrong part numbers being invoiced and installed, this could delay the payment of the claim.**

Note: References to G05 have been deleted from this table.

<b>Part Number for Technical Campaign</b>	<b>Part Number for EPC for comparison</b>	<b>Description</b>	<b>Quantity</b>
61 27 8 843 411	61 27 8 658 344	High-voltage battery module (34AH NEG)	As needed
61 27 8 843 412	61 27 8 658 345	High-voltage battery module (34AH POS)	As needed
07 12 9 908 570	07 12 9 908 570	ISA screw (V-M6 GFX16)	As needed
61 27 8 606 057	61 27 8 606 057	ISA screw (M6 GFX85-10.9-S)	As needed
61 27 8 606 058	61 27 8 606 058	ISA threaded end screw (M6 GFX85-10.9-S)	As needed
61 27 8 677 638	61 27 8 677 638	Hexagon bolt with inside Torx (M6x25mm)	As needed
61 27 8 645 446	61 27 8 645 446	Hexagon bolt with inside Torx	As needed
See EPC	Seal for high-voltage battery	Seal for high-voltage battery	As needed
83 19 2 468 442	83 19 2 468 442	BMW HT-12 Antifreeze Coolant	Sublet as needed

Additionally, other small parts that are not specified above, such as one-time use screws, nuts and seals, which must be replaced according to the ISTA repair instructions/ETK, must be selected from the Electronic Parts Catalogue according to the respective vehicle type and invoiced under the special defect code.

### **Parts Retention**

**The parts replaced to perform and submit for this Recall repair procedure are the property of BMW of North America (BMW NA).**

Your center is responsible for the proper identification, storage and documentation of these parts. They must be held in a secure retention area until notification of claim payment is made by BMW NA through DCSnet.

Upon claim payment, a DCSnet part return tag will be generated for the High-voltage (HV) battery modules.

Please DO NOT return these recalled HV battery modules directly to the WPRC.

HV battery modules are classified as dangerous goods by the Department of Transportation (DOT) and require special preparation, packing and labeling for transport.

Your center is responsible for following all rules and regulations that apply to shipping dangerous goods as described in the attachments.

Your center can use the Labelmaster® Dangerous Goods Information System (DGIS) for proper shipping procedures and guidelines (additional information for the DGIS can be found in SI B01 22 16).

Please also refer to the attachments for more information.

Any return requested Recall parts that are not received by the WPRC within 60 days of the claim credit date may be subject to debit.

## **WARRANTY INFORMATION**

Reimbursement for this Recall will be via normal claim entry utilizing the applicable work package information below, and when required, the part numbers listed above that apply:

<b>Defect Code:</b>	<b>0061540500</b>	<b>Gx Check PHEV high-voltage batteries</b>
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**The vehicle is already in the workshop-**

Work Pkg	Labor Operation	Description (Plus work)	Labor Allowance
# 1	00 69 859	Checking the charging history (if <b>100% SOC</b> ), no repair is necessary	4 FRU

Or:

**The vehicle arrives at your center and this Recall 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 69 318	Checking the charging history (if <b>100% SOC</b> ), no repair is necessary	6 FRU

Or:

**The vehicle is already in the workshop**

Work Pkg	Labor Operation	Description (Plus work)	Labor Allowance
# 3	00 69 863	Checking the charging history (if <b>not 100% SOC</b> ), reading out serial numbers (Additional work is necessary, see below)	5 FRU

Or:

**The vehicle arrives at your center and this Recall shows open (No other main work will be performed or claimed during this workshop visit)-**

Work Pkg	Labor Operation	Description (Main work)	Labor Allowance
# 4	00 69 322	Checking the charging history (if <b>not 100% SOC</b> ), reading out serial numbers (Additional work is necessary, see below)	7 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.

And:

**Additional Work with performing WP # 3 or # 4 only**

**Note:** Job/repair work time labor operation **00 69 865** (below) will be available in the system for claim submission **beginning on September 15, 2020**.

Labor Operation	Description (Additional/Associated work)	Labor Allowance
00 69 864	<b>Additional work:</b> removing and installing high-voltage battery, including removing and installing lid	49 FRU (G01); 53 FRU G20 (330e xDrive); 59 FRU G20 (330e)
And, as required:		
00 69 865 (estimated available date is Sept 15, 2020)	<b>6-Module Configuration:</b> Job/repair work time (WT) for replacing one or more modules in addition to 00 69 864 (approximately 5 FRU additional per each module replaced)	WT up to 32 FRU (G01 and G20, with/6-module configuration)

### 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: B61 17 20 WP 1), unless otherwise required by State law.

Additionally, for WP #3 or WP # 4, please also state the number of modules that required replacement.

As applicable to your center, please refer to [SI B01 01 20](#) or [B01 07 20](#) for claiming your job/repair work time (WT) and the repair-related explanation procedures.

And, as needed:

### Sublet – Bulk Materials (RO and Claim Comments Required)

<b>Sublet Code 4</b>	Up to \$40.00	Reimbursement for the repair-related bulk material (Do not use the BMW part numbers for claim submission)
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Sublet reimbursement calculation for claiming the applicable repair-related bulk materials (BMW part numbers) is at the dealer net price amount for the quantity used plus your center's handling.

BMW Antifreeze/Coolant: Claim the corresponding sublet dollar amount for the quantity needed to replace what was drained with a 50/50 coolant/water solution.

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

And, as applicable:

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

This Recall repair qualifies for Alternative Mobility Solution (AMS) expense reimbursement, claim this item under the Defect 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.

### Reimbursement of Prior Customer-Pay Repairs (TREAD Act)

Based on the age of the Affected Vehicles being addressed by this Safety Recall Campaign, a reimbursement request for a qualifying prior customer-pay repair is not likely.

However, if you receive a reimbursement request from a customer for a prior repair that may qualify, please contact the Warranty department (include a legible copy of the invoice) through IDS by selecting Coverage, Policy, Coding Questions and Mileage Corrections. The Warranty department will review and respond to your inquiry accordingly.

## **QUESTIONS REGARDING THIS BULLETIN**

Technical inquiries	Submit feedback at the top of this bulletin
Warranty inquiries	Submit an IDS ticket to the Warranty Department
Parts inquiries	Submit an IDS ticket to the Parts Department

### Supporting Materials

[picture\\_as\\_pdf B611720 attachment Procedure\\_RECALL 20V\\_490 HIGH\\_VOLTAGE BATTERY\\_2.pdf](#)

[picture\\_as\\_pdf B611720 B-2-0719-0603 HV Batt core.pdf](#)

[picture\\_as\\_pdf B611720\\_2020-BMW-MINI-MY2020-2021-PHEV-Fxx-G0x-HV-Battery-FAQ-\(14Aug2020\).pdf](#)

[picture\\_as\\_pdf B611720 Recall Notice.pdf](#)

[picture\\_as\\_pdf B611720 Return Slip - Lithium Instructions.pdf](#)

## **SAFETY RECALL NOTICE**

To: All Center Operators, Sales Managers, Service Manager, Parts Manager and Warranty Processor

RE: Recall 20V-490: High-Voltage Battery – B61 17 20

BMW AG has issued a Delivery Stop (effective August 7, 2020) on certain Model Year 2020-2021 BMW Hybrid-Electric vehicles that were produced between June 15, 2020 and August 6, 2020. As of August 14, 2020, this Delivery Stop has been upgraded to a Recall.

**Please be reminded that it is a violation of federal law (The Safety Act) for you to sell, lease or deliver any new motor vehicle covered by this notification until the recall repair has been performed. This means that centers may not legally deliver new motor vehicles to consumers until they are fixed or use/sell replacement equipment/parts subject to this recall. Note also that substantial civil penalties apply to violations of the Safety Act.**

**Also, you should not sell, lease or deliver any Certified Pre-Owned or used vehicles subject to a safety recall until the repair is completed.**

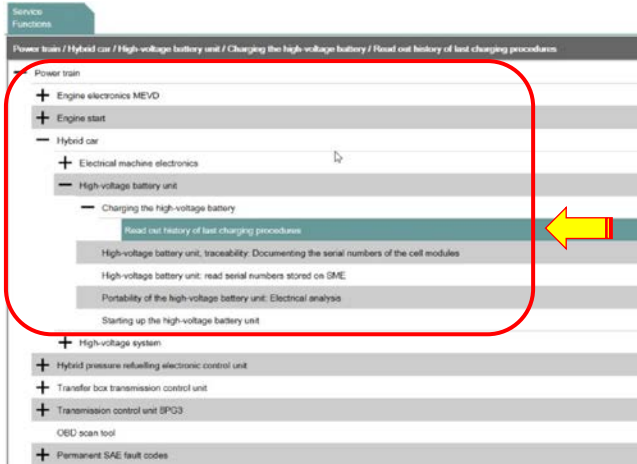
**Please follow any special instructions that we provide to you for the return or disposition of recall parts.**

We appreciate all your assistance with this Recall.

# RECALL 20V-490: HIGH-VOLTAGE BATTERY

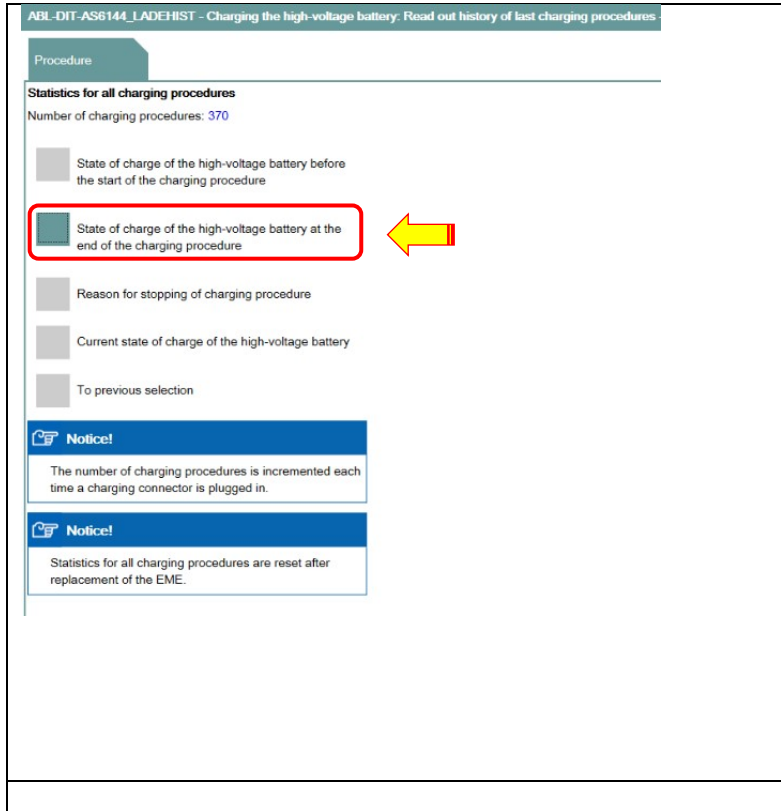
## DO NOT ATTEMPT TO CHARGE VEHICLE!

**Note:** This attachment SI B61 17 20 is only valid for vehicles that have been retailed and in customer possession. This does not apply to vehicles in dealer inventory.



Connect the vehicle to ISTA diagnostics. After Short Test is completed; follow the path below:

1. Service Function
2. Hybrid Vehicle
3. High Voltage Battery unit
4. Charging of High Voltage Battery
5. Select: "Read History of last charging procedures" ABL (test plan)



6. Select: "State of Charge of the High Voltage Battery at the end of Charging Procedure" (#2 in example)

ABL-DIT-AS6144\_LADEHIST - Charging the high-voltage battery: Read out history of last charging procedures

Procedure

Current state of charge: 35.90 %

Current settings:

- Standard charging cable - Current level: Maximum

Selection:

- Active or last charging process
- Charging procedure before last
- Third-last charging procedure
- Fourth-last charging procedure
- Statistics for all charging procedures
- End service function

Select menu item and then continue to detailed information.

7. Select:  
 "Statistics of All Charging Procedures" (#5 in example)

ABL-DIT-AS6144\_LADEHIST - Charging the high-voltage battery: Read out history of last charging

Procedure

Column	Frequency
1	0
2	32
3	26
4	20
5	20
6	13

State of charge of the high-voltage battery at the end of the charging procedure. Frequency in the range:

- less than or equal to 35 %
- between 36 % and 50 %
- between 51 % and 60 %
- between 61 % and 70 %
- between 71 % and 80 %
- greater than 80 %

**Notice!**  
 The older the high-voltage battery is, the lower is the maximum possible real charge level.

8. Read out the State Of Charge from the displayed histogram (see illustration).

Note: The SOC ranges are displayed in the bar graph, with a number of occurrences of when a particular SOC level has been achieved (e.g. SOC shows above 80% was reached 13 times in our example, **column #6**)

9. Using the displayed data on **column #6**, verify if the vehicle has ever been charged to a **SOC greater than 80%**.

**Proceed to step 10 below**



Procedure

Statistics for all charging procedures  
Number of charging procedures: 370

- State of charge of the high-voltage battery before the start of the charging procedure
- State of charge of the high-voltage battery at the end of the charging procedure
- Reason for stopping of charging procedure
- Current state of charge of the high-voltage battery
- To previous selection

**Notice!**  
The number of charging procedures is incremented each time a charging connector is plugged in.

**Notice!**  
Statistics for all charging procedures are reset after replacement of the EME.



ABL-DIT-AS6144\_LADEHIST - Charging the high-voltage battery: Read out history of last charging procedures - V.9

Test module

21	57	39	0	5	0	0	0	0	0
0	100	100	0	10	0	0	0	0	0
1	2	3	4	5	6	7	8	9	10

Frequency of different causes for stopping charging process:

- 1. Unknown cause
- 2. Charging process completed successfully
- 3. Charging process canceled by user
- 4. Charging connector unplugged
- 5. Power supply failed (or charging cable disconnected at mains socket)
- 6. Fault in the high-voltage system
- 7. Fault in charging station
- 8. Communication fault: Parking lock signal not received
- 9. Parking lock not engaged



10. Check the successfully completed charging processes of the high-voltage battery.

11. Select: "Reasons for Stopping Charging Procedure" (#3 in example)

Note: There you can access the test module history of the previous charging processes and the causes for the end of the charging processes are displayed.

See example, the charging process was successfully completed with 57 previous charging processes (column 2).

Note: The frequency of the various causes for the stopping of the charging process is displayed on top of the column.

12. See column 2: Charging process completed successfully

13. Using the displayed data on column 2, verify if the vehicle has, at least one, successfully completed (100% SOC) charging process.

14. Interpret the findings:

If the charging history test module (in step 9) displays at least one charging process where the SOC reached higher than 80%, AND at least one charging process successfully completed to 100% SOC (in step13); NO MORE ACTION is required, and vehicle can be released to a customer, with the Campaign Recall closed.

If however, the charging history test module (in step 9) does NOT show a charging process higher than 80%, AND NO charging process that was successfully completed to 100% SOC (in step13); then the vehicle must NOT be released back to the customer.

In this case, continue diagnosing with step 15 - Checking the cell modules

- 1: 8658345-11 625152 71 DE 17-03-20 40327
- 2: 8658344-11 625152 71 DE 18-03-20 50082
- 3: 8658345-11 625152 71 DE 19-03-20 30318
- 4: 8658344-11 625152 71 DE 18-03-20 30274
- 5: 8658345-11 625152 71 DE 19-03-20 30071
- 8: 9131734597
- 1a: 9428325-01 114191 10 13.03.20 TZ: 00179
- 2a: 9428325-01 114191 10 13.03.20 TZ: 00178
- 3a: 9428325-01 114191 10 13.03.20 TZ: 00483
- 4a: 9428325-01 114191 10 13.03.20 TZ: 00482
- 5a: 9488429-01 114191 10 10.03.20 TZ: 00243

Display of serial numbers installed with "Read out saved serial numbers" ABL in ISTA.

15. Check the HV battery cell module serial numbers with ISTA, using the "Read out saved serial numbers" ABL (Test Plan).
16. Follow the diagnostic path below:
  - > "Vehicle management"
  - > "Service functions"
  - > "High-voltage battery unit"
  - > "High-voltage battery unit"
  - > "Read out saved serial numbers".
17. Refer to the example (in the illustration) of the serial numbers installed and proceed as follows.
18. Review the saved serial numbers of the cell modules installed.
19. Check the marked position of the serial number for each cell module **(5th position from the last).**
20. For numbers **0, 1, 2, the cell module is OK.**
21. For numbers **3, 4, 5, the respective cell module must be replaced.**

Note: See bulletin for part information. Replace the affected cell modules using the appropriate BMW repair instructions depending on the vehicle.

**Note:**

The vehicle's high-voltage (HV) battery is NOT to be charged until you've completed the test plan and confirmed that the vehicle has been successfully charged at least once to 100% SOC.

**Note:**

If the vehicle has NEVER had a charging process completed to 100% SOC; this vehicle must NOT be charged and must NOT BE RELEASED (or retailed to a customer) as further repairs are necessary. See procedure above.

## KBI Recommended Transportation Lithium Battery Return Procedure

<b>BMW Battery Part Numbers:</b>		As Applicable	
<b>BMW Dealer or Site:</b>		<b>Contact Name:</b>	

*In all cases, batteries should be stored and packaged in a manner to prevent dangerous evolution of heat, and short circuits of the battery which can result in fire. **Note:** "Dangerous evolution of heat" means, an amount of heat sufficient to be dangerous to packaging or personal safety; this includes charring of packaging, melting of packaging, or any other physical evidence of heat.*

### Receiving New Battery

- 1.) Retain all original packaging, including any KBI paperwork, for return shipment of used battery.

**Before packaging battery for return please note that:**

The following packaging recommendations MUST be performed by a DOT hazardous materials trained employee. These recommendations apply only to US domestic ground shipments. Additional information and training will be required for shipment by aircraft or vessel.

### Packaging your battery for return shipment

- 2.) Please first inspect the battery and its packaging to make certain it is not physically damaged. (Return shipments must be prepared by a Hazmat trained employee whether the battery is damaged or not)

**ATTENTION:** If the packaging or battery was damaged, or if unable to package properly for any reason, please contact KBI before continuing.

- 3.) Check for any exposed contacts on the battery or wires. If present, they must be covered in a way to prevent short circuit (e.g. by covering exposed contacts with non-conductive tape such electrical tape).
- 4.) Place the used battery back into original packaging in the same manner as the battery was received. This includes reusing any cardboard or foam inserts. Seal the box closed so that it will not open during transportation.

### Labels & Markings

- 5.) Contained within the return packing slip should be a return marking with the words "Universal Waste Battery". Please use this marking to completely cover the old shipping marking as shown in the picture to the right. If this marking is damaged or lost, please use the marking attached to the end of this document.



6.) Next, please make certain the **Class 9 Hazard Diamond** and **“Packaged per 49 CFR 173.185(b)(5)”** are attached to the package and are undamaged. All the markings must be “displayed on a background of sharply contrasting color”, “unobscured by labels or attachments”, and “located away from any other marking that could substantially reduce its effectiveness”.

7.) Please make certain all other contradictory shipping labels/markings from previous shipments have been covered or removed.

8.) Check the box for any visible UN markings (example shown right). If present, the marking must be fully covered prior to shipment. Please check all sides, top and bottom of packaging. If no UN marking is visible, please proceed to the next step.



**Packaging Example**  
**(Do not ship without inserts)**

**Marking/labeling Example**



9.) Once the shipment is packaged and marked/labeled properly, you will need to provide the phone number and name of your 24 hour emergency response service or contact for your location (Such as Chemtrec, Chemtel, Infotrac, 3E, etc.). If you are using a service, please also include your account number. This information should be provided via email to one of the Kinsbursky Brothers contacts listed below.

10.) If all previous steps have been followed your battery should now be ready for shipment. Please contact Kinsbursky Brothers for scheduling.

### Contact Information

Kinsbursky Brothers is pleased to assist in any way necessary to successfully complete the return of BMW hybrid batteries. The points of contact listed below can assist in scheduling the pickup of batteries, suggesting proper packaging techniques, further explaining the packaging techniques described above, and/or answering any questions related to the process of returning batteries.

**Jordon Peacher, E.V. Battery Logistics**

Kinsbursky Brothers, Inc. | [www.kinsbursky.com](http://www.kinsbursky.com)  
125 East Commercial Street | Suite A | Anaheim, CA 92801  
O. 714-738-8516 F. E. [jpeacher@kinsbursky.com](mailto:jpeacher@kinsbursky.com)

**Mike Casas, E.V. Battery Logistics Coordinator**

Kinsbursky Brothers, Inc. | [www.kinsbursky.com](http://www.kinsbursky.com)  
125 East Commercial Street | Suite A | Anaheim, CA 92801  
O. 714-738-8516 M. 714-365-6420 E. [mcasas@kinsbursky.com](mailto:mcasas@kinsbursky.com)

**DISCLAIMER:**

The preceding packaging guidelines consist of recommendations only, and are only recommendations for US domestic ground shipments. The offeror of transportation, at all times, remains responsible for properly storing batteries in accordance with [40 CFR Part 273.2](#) and properly shipping batteries in accordance with [49 CFR Part 173.185](#).

Environmental and transportation regulations are subject to change AND AS A RESULT THESE RECOMMENDATIONS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE FROM KINSBURSKY. The shipper is responsible for staying compliant with all current regulations.

KINSBURSKY BROTHERS IS NOT RESPONSIBLE FOR ANY DAMAGES, WHETHER DIRECT OR INDIRECT, SUFFERED AS A RESULT OF THE SHIPPER FOLLOWING THE RECOMMENDATIONS CONTAINED HEREIN.

## **Battery Preparation Checklist**

- Hazmat Employee handled preparation
- Inspected battery for physical damage
- Covered any exposed contacts
- Repackaged battery
- Placed Universal Waste marking over old shipping marking
- Placed packaging exception label on package (or label is already present)
- Placed Class 9 Hazard label on package
- Covered any visible UN markings
- Ensured all labels and markings are completely visible and unobstructed



**Packaged Per  
49 CFR 173.185(b)(5)**

**UN3480, Lithium Ion Batteries, 9  
-Universal Waste Battery-**

**From:** \_\_\_\_\_

**Ship To:** Kinsbursky Brothers, Inc.

1314 N. Anaheim Blvd.

Anaheim, CA 92801

**Phone:** (714) 738-8516    **Date:** \_\_\_\_\_



<b>Bulletin #: B-2-0719-0603</b>		<input checked="" type="checkbox"/> <b>Take Note</b> <input type="checkbox"/> <b>Take Action</b>	
<input type="checkbox"/> Retail Operator	<input type="checkbox"/> Sales Pre-Owned	<input type="checkbox"/> Business Manager	<input checked="" type="checkbox"/> Parts & Accessories
<input type="checkbox"/> General Manager	<input type="checkbox"/> Sales New Car	<input checked="" type="checkbox"/> Service	<input type="checkbox"/> Administration
<b>Name: Diana Walters</b>		<b>Phone Number: 201-571-5918</b>	
<b>Title: Chemical &amp; Battery Program Manager</b>		<b>Source: Aftersales Business Development &amp; Marketing</b>	
<b>Date: July 11, 2019</b>		<b>Supersedes: B-2-0517-6102</b>	



# AFTERSALES BUSINESS DEVELOPMENT & MARKETING

## LITHIUM ION / HIGH VOLTAGE DISTRIBUTION AND RECYCLING

### TAKE NOTE

- Kem Krest currently distributes all lithium-ion starter batteries and all high voltage large format batteries.
- All applicable batteries are shipped in returnable packaging via one of Kem Krest's carriers.
- **NOTE: SAVE THE PACKAGING IN WHICH THE NEW BATTERY IS DELIVERED, as it is required for shipping the cores for returns.**
- Battery pricing includes all costs including core return shipping and recycling.
- It is critical that these batteries **NOT** be co-mingled with East Penn flooded or AGM battery cores per the attached warning sheet.

### MORE DETAILS

- To prepare batteries for recycling, place the battery/module in the returnable packaging that you received it in. If the package is unusable due to damage, please inform Kem Krest directly.
- Deliveries are marked to retain the carton for return and include the contact information for KBI.
- When the battery is ready to be returned, please contact:
  - Kinsbursky Brothers, Inc (KBI)
  - Phone: (800)-502-9258
  - Email: INFO@EVBATTMGMT.COM
  - KBI will provide all of the required information when the return is scheduled.
- As with any dangerous goods shipment, you must have a Certified HazMat Shipper on site to execute the return along with an Emergency Response Phone Number.



- **CURRENT AFFECTED PARTS:**

Please see the current list of battery parts below. As supersessions occur or as additional lithium-ion batteries are added to the portfolio, this list will be expanded to include all new part numbers.

61	21	8 047 221	M3/M4 Li Ion Starter Battery
61	21	7 857 288	M5 Li Ion Starter Battery
61	25	7 615 387	BMW Hybrid Battery
61	27	7 625 066	BMW Hybrid Battery
61	27	8 647 912	BMW Hybrid Battery (supersedes 7 625 066)
61	27	8 610 459	BMW High Voltage Battery
61	27	8 686 084	BMW High voltage battery (supersedes 8 612 161)
61	27	8 686 085	BMW High voltage battery (supersedes 8 612 163)
12	14	8 623 428	BMW HV Storage Unit
12	14	8 634 704	BMW HV Storage Unit
61	21	9 442 935	Li Dual Storage System
61	21	9 857 516	Li Dual Storage System
61	27	8 678 565	i8 Module Lithium Ion Battery
61	27	7 933 747	i3 Lithium Ion Battery
61	27	8 658 344	High-Voltage Battery (34AH NEG) (61 27 8 843 411)
61	27	8 658 345	High-Voltage Battery (34AH POS) (61 27 8 843 412)
61	27	9 452 661	i8 Lithium Ion Battery

## MORE QUESTIONS?

<b>Kem Krest</b>			
Customer Service	800-550-4062	<a href="mailto:BMWCS@kemkrest.com">BMWCS@kemkrest.com</a>	General Customer inquires
Lorrie Sweatt	248-587-1145	<a href="mailto:LSweatt@kemkrest.com">LSweatt@kemkrest.com</a>	Customer Service Team Lead
Kinsbursky Brothers, Inc. (KBI)	800-502-9258	<a href="mailto:INFO@EVBATTMGMT.COM">INFO@EVBATTMGMT.COM</a>	Contact for Battery Returns
<b>BMW NA</b>			
Diana Walters	201-571-5918	<a href="mailto:Diana.Walters@bmwna.com">Diana.Walters@bmwna.com</a>	Chemical & Battery Program Manager
Jimmy Cox	201-307-4324	<a href="mailto:James.JC.Cox@bmwna.com">James.JC.Cox@bmwna.com</a>	Chemical, Battery & Oil Sales Mgr.



East Penn Manufacturing Co.  
 P.O. Box 147, Deka Road, Lyon Station, PA 19536-0147  
 Phone: 610.682.6361, Fax: 610.682.4781

[www.dekabatteries.com](http://www.dekabatteries.com)

## **The Critical Identification and Separation Of Lithium-Ion Batteries From Collecting Lead Batteries for Recycling**

### **CURRENT SITUATION**

*There is an increasing problem with Lithium-ion batteries polluting the Lead battery recycling stream as more of these batteries enter the marketplace. THIS SITUATION IS SERIOUS AND PEOPLE MUST BE INFORMED PROPERLY TO HELP PREVENT HUMAN INJURY AND SAVE LIVES. Lithium-ion batteries are extremely dangerous in a lead smelter. They react violently in the battery breaking process resulting in the risk of severe human injury, explosion, and fire. There are some recycling facilities that are holding anyone who returns Lithium-ion batteries for Lead battery recycling liable with strict penalties and fines. In fact, co-mingling Lithium-ion batteries with Lead batteries for transportation and recycling is in strict violation of DOT, hazardous waste, and universal waste governmental regulations.*

### **HOW YOU CAN HELP**

Many people just don't know the severe consequences that can occur by putting a Lithium-ion battery on a Lead battery skid for recycling. Often, most don't even recognize the visible difference between the two batteries because Lithium-ion batteries are being made to look more and more like a traditional lead battery design. The good news is that if you make sure people use some simple identification steps, it's not too difficult to recognize the differences. The most important step is to get everyone onboard to make the effort and do their part.

### **HOW WE CAN HELP**

East Penn is providing a highly effective communication poster to help those who collect used Lead batteries to recognize Lithium-ion batteries. These posters can be prominently displayed in a highly visible area to help recognize, remind, and reinforce this essential safety aspect of proper Lead battery recycling.

### **HOW WE CAN HELP EACH OTHER**

Let's communicate this important message to everyone we know to help keep people safe and continue our essential Lead battery recycling operations. Lead batteries have the highest recycling rate of any other product on the planet, so let's keep this successful operation going strong and safe. We sincerely appreciate your part in communicating and reinforcing this message, and for working together with us to ensure that we continue to maintain the safest battery recycling program possible.

# Proper Battery Recycling CAN SAVE LIVES!



- Lead Batteries and Lithium Ion Batteries May Look Similar But They **ARE NOT!**

- Trying to recycle a Lithium Battery like a Lead Battery is **EXTREMELY DANGEROUS**

- **YOU HAVE THE POWER** to help protect people, save lives, and keep our critical recycling operations safe.

## MAKE THE EFFORT



Be sure **YOU** know what type of battery it is before putting it on the recycling skid.  
**LIVES DEPEND ON IT!**

## CHECK THE WEIGHT



If it feels much lighter than a traditional lead battery, it is probably **NOT A LEAD BATTERY**. Take the next step to properly check it out.

## LOOK FOR MARKINGS & SYMBOLS



- Read all markings and labels.
- Check for any symbols like Pb (lead) or (Li) Lithium.
- Research the manufacturer.

**Safety Recall 20V-490  
High-Voltage Battery  
Plug-In Hybrid-Electric Vehicle (PHEV)  
Model Year 2020-2021  
BMW 3 Series, X3 SAV, X5 SAV  
MINI Countryman  
Issue Date: 08/14/2020  
Last Update: 08/14/2020**

**Q1. Which BMW Group models in the US are potentially affected by this Safety Recall?**

Certain Plug-In Hybrid-Electric Vehicles (PHEV), specifically Model Year 2020-2021 BMW 3 Series, X3 SAV, X5 SAV, and MINI Countryman models in the US, produced between March and August 2020, are potentially affected.

**Q2. What is the specific issue?**

On PHEV models, the high-voltage battery may not have been produced to specifications. When charging the battery to near its full state of charge, this could lead to a short-circuit and, in rare cases a thermal event.

**Q3. Why are other models / vehicles not included in this Safety Recall?**

Other models have been produced with a High-Voltage battery that has been produced to specifications.

**Q4. Can I continue to drive my vehicle?**

Yes. However, drive in standard mode only, do not use sport mode.

**If you are not the only driver of this vehicle, please advise all other drivers of this important information.**

**Q5. Can I charge my vehicle?**

No.

**Q6. How did BMW Group become aware of the issue?**

BMW Group became aware of the issue through our quality control procedures.

**Q7. How will I be informed of this Safety Recall?**

**Potentially affected customers are being contacted by phone**, and arrangements are being made for the Safety Recall to be performed. Alternate transportation will be accommodated. You can locate your nearest authorized BMW center at [www.bmwusa.com/dealer](http://www.bmwusa.com/dealer).

To ensure the BMW Group has your most recent contact and vehicle information, please register your BMW vehicle at [www.bmwusa.com/myBMW](http://www.bmwusa.com/myBMW). Registration is free, and will give you access to factory-initiated campaigns and other information specific to your vehicle.

**Q8. How will my vehicle be repaired?**

Your vehicle will be checked, and if necessary, HV battery module(s) will be replaced.