



SIB 61 19 24

2024-09-24

DELIVERY STOP: REPLACE CELL MODULES – I20

This Service Information Bulletin (Revision 1) replaces SI B61 19 24 dated August, 2024.

What's New:

- Situation updated
- Cause added
- Correction added
- Procedure added
- Parts Information added
- Claim Information added
- Attachment added

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
i20	iX Sports Activity Vehicle Battery Electric Vehicle (BEV)	February 28, 2024 – June 2, 2024

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 August 10, 2024, you can see a list of affected vehicles in Inventory Campaign Details (ICD) under ROSS.

SITUATION

BMW AG has issued a Delivery Stop (effective August 9, 2024) on a small number of Model Year 2025 BMW vehicles that were produced between February 28, 2024, and June 2, 2024.

A manufacturing defect in high-voltage cells of the high-voltage battery can result in electrolyte leakage which might result in a conductive connection with surrounding components. Depending on the contact resistance, a yellow or red Check Control message will then be displayed; it is permitted for you to continue driving, but this will result in a charging interruption during charging.

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

A manufacturing defect in high-voltage cells of the high-voltage battery can result in electrolyte leakage.

CORRECTION

Replacing the identified cell modules of the high-voltage battery.

PROCEDURE

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”.

Prior to disconnecting, or the removal of any HV component, the HV system needs to be disabled and secured (by means of the HV Service Disconnect Switch and lock out) by a properly trained HV technician, who has a minimum HV Qualification level after completing the Technical Training Course “ST2324 High Voltage Drivetrain Systems” which as of 1/2023* includes ST1824 Alternative Drive Part 1.

* Note: As of January 2023, the HV component portion of the “ST2205 Generation 5 High-voltage class” (except for the High Voltage Battery) has been merged into “ST2324 High Voltage Drivetrain Systems”.

Up to Generation 4 Vehicles: Once the vehicle’s HV system is disabled (the “Blitz” - lightning bolt icon is 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.

For Generation 5 Vehicles however, the specific vehicle training is required to diagnose, remove and service any HV component and it is NOT allowed for non HV certified technicians to work on the high voltage system.



High Voltage Battery removal and rework can ONLY be performed by a High-voltage Certified Technician with a HV Battery Certification level corresponding to a specific Electric or Hybrid vehicle, for example:

To repair GEN4 HV battery of G05 PHEV a certification from Technical Training Course “ST2006 – SP44 HV Battery” or equivalent ST1825 – Alternative Drive Part 2 is required (or as of 1/2023 the equivalent “ST 2325 for High Voltage Battery Systems”).

And

To repair A GEN5 HV battery the Technical Training Course “ST2205 Generation 5 High-voltage class” is required or as of 1/2023* the equivalent “ST 2325 for High Voltage Battery Systems”.

*Note: As of January 2023, the “ST2205 Generation 5 High-voltage stand-alone class” has been merged into “ST2324 for High Voltage Drivetrain Systems” and “ST2325 for High Voltage Battery Systems”

Caution:

Please create a TSARA case for ALL vehicles prior to any disassembly.

The steps below must be followed precisely:

1. Please perform the **cell module serial number read out** test plan in ISTA to determine the serial numbers and locations of the high-voltage cell modules installed in the vehicle.

Diagnostic path:

Vehicle management > Service function > Electric drive > High-voltage battery unit >

Cell modules, traceability: Reading out serial numbers stored in the SME > **High-voltage battery unit:**

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2. Once the Cell module read out test plan has been performed, please submit a TSARA case titled “Delivery Stop: Replace Cell Modules – I20” for assistance in identifying the affected faulted module(s) (attach the module serial number read out to the case). TSARA will provide the location of the cell module(s) that needs to be replaced.

3. Replace the defective high-voltage cell modules using repair instructions **61 27 711 to 61 27 723** depending on the affected cell module location.

Other HV Battery Repairs Beyond the Scope of this Action

If other eligible and covered HV battery-related repair work is performed because of performing the ISTA diagnostics, the related test plans, and/or other approved diagnosis, claim this work with the applicable Repair Code and the labor operation codes (including the diagnosis) that applies, less any overlapping labor.

PARTS INFORMATION

Only use and invoice the part numbers below.

Part Number	Part Description	Quantity
07 14 9 487 466	Screw	18
61 27 9 487 465	Screw	6
61 27 9 487 464	Screw	8
33 32 6 775 040	Hexagon screw with washer	2
31 11 6 899 302	Multi-purpose bolt	14
61 27 8 846 469	Dual-cell module for high-voltage battery	As required
61 13 6 925 452	Abrasion-resistant fabric adhesive tape	1
61 27 8 846 470	Dual-cell module for high-voltage battery	As required
61 27 9 454 854	Screw	20
61 27 9 468 423	Housing gasket	1
07 14 8 860 492	Screw	94
07 14 8 838 288	Sealing bolt	24

Bulk Supply Material - Sublet

Part Number	Description	Quantity
83 19 5A32851	HT-12 Antifreeze RTU (Bulk DN = 1/10 Liter) (Pre-mix)	As needed
Or:		
83 19 2468442	BMW Antifreeze/Coolant (DN = 1 Gallon Concentrate) - HT-12	As needed

Additionally, other materials and small parts that are not specified above, such as fluids, lubricants, one-time use screws, nuts, and seals, which must be replaced or installed (according to the ISTA repair instructions/ETK/AIR), are to be selected from the Electronic Parts Catalog, and/or other approved BMW Group resources according to the respective vehicle type. Invoiced these items separately under the Repair Code listed in this bulletin.

Part Retention

Parts that are removed from BMW vehicles cannot be used for resale! The parts are the property of 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.

Please **DO NOT** return these replaced **High Voltage (HV)** battery modules directly to the **WPRC**. You must use the return process in the **aftersales bulletin** below:

• **Bulletin #: C-2-0824-0612 LITHIUM-ION BATTERY RECYCLING PROGRAM**

For more information refer to CenterNet: “Menu>BMW>Latest Bulletins”.

HV Battery Return Packaging - Bulk Payment

For this Service Action, to help offset the time to properly package the lithium-ion batteries for return, a bulk payment of \$20.00 per battery module will be made through monthly miscellaneous billing credit.

Payments will be identified as “Parts-\$20 credit/HV battery returns”.

Payment will not be issued for any lithium-ion batteries that were improperly packaged or shipped.

Hazardous materials or dangerous goods are defined as substances and articles that when offered for transportation in commerce pose an unreasonable risk to health, safety, property, and the environment.

Therefore, BMW of North America would like to remind you all applicable regulatory requirements must be followed when transporting hazardous materials. Your center is responsible for ensuring that your procedures are in compliance with all current D.O.T. regulations.

CLAIM INFORMATION

Reimbursement for this Action will be via normal claim entry utilizing the relevant work package (WP 1 or WP 2), the expanded work package items performed, and the part numbers listed above that apply.

Plusposition (+)	Completion before the first vehicle delivery to a customer or the vehicle is already in the workshop.
Main work	The vehicle arrives for this Action shows open, no other Main work will be performed/ claimed during this workshop visit

Repair Code:	0061770800	I20 cell modules, replace high-voltage battery
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Below are the special flat rate work time (WT) labor operation code choices for this action.

Work Package	Labor Operation	Description	Labor Allowance
#1	00 77 518	Removing and installing high-voltage battery, including removing and installing lid (Plusposition) (Includes 61 27 900 performing EoS test for high-voltage battery unit)	As applicable
Or:			
#2	00 77 013	Removing and installing high-voltage battery, including removing and installing lid (Main work) (Includes 61 27 900 performing EoS test for high-voltage battery unit)	As applicable
And:			
See below	00 77 519	Replace identified affected module based on the workload	WT FRU - Below

Only one Main work flat rate labor operation code can be claimed per workshop visit.

Note: Claim labor work time operation code 00 77 519 one-time only for the applicable “total FRU allowance” that applies. Itemize the total work time (WT) FRU allowance claimed on the
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technician’s RO notes and in the claim comments.

Work time labor operation code 00 77 519 is not considered a Main labor operation.

Expanded WP	Labor Operation	Description	Labor Allowance
A	00 77 519	Perform the cell module read out test plan in ISTA to determine the serial numbers and locations of the high-voltage cell module(s) affected by this Action (Includes 00 00 556/61 21 528), submitting a TSARA case titled “Delivery Stop: Replace Cell Modules – I20.” TSARA will provide the location of the faulty cell module that needs to be replaced.”.	5 FRU

And, as instructed by TSARA:

Replacing a Top Cell Module Position 1

Expanded WP	Labor Operation	Description (CM 1)	Labor Allowance
B	00 77 519	Replacing top cell module position 1 (Includes 61 27 700 and EoS test)	11 FRU

Or:

Replacing a Bottom Cell Module (2, 11, 3, 10)

Expanded WP	Labor Operation	Description	Labor Allowance
C	00 77 519	Removing and installing top cell module position 1	10 FRU
And:			
D	00 77 519	Preliminary work of removing and installing the retaining frame for cell module position 1 and SME	9 FRU

And:

Expanded WP	Labor Operation	Description (CM Position- FRU)	2	11	3	10
E	00 77 519	Replacing one bottom cell module position 2, 11, 3, or 10 , labor allowance is for each as noted (Includes 61 27 700)	7	7	11	11

Or:

Replacing a Bottom Cell Module (4, 9, 5, 8, 6, 7)

Expanded WP	Labor Operation	Description (CM Position - FRU)	4	9	5	8	6	7
F	00 77 519	Replacing one bottom dual-cell module position 4, 9, 5, 8, 6, or 7 , labor allowance is for each as noted (Includes 61 27 700)	14	14	15	14	14	14

		is for each as noted (Includes 61 27 700 and EoS test)						
--	--	--	--	--	--	--	--	--

And, with the above work that was performed:

Expanded WP	Labor Operation	Description	Labor Allowance
G	00 77 519	Additional work with pressure test cooling system high-voltage battery unit Associated work (coolant drained) (to high-voltage battery unit	4 FRU (One-time)
And:			
H	00 77 519	Evaluation of a cell module/dual-cell module for transport	1 FRU (Each)

Claim Repair Comments

Reference this SIB number, the work package (WP) number, expanded work packages performed, and the cell module position number replaced in the technician’s RO notes and in the claim comments (For example: B61 19 24 WP 1, A, B, G, H, cell module 1), unless otherwise required by State law.

Sublet – Bulk Materials (RO and Claim Comments Required)

Sublet Code 4	Reimbursement for the supported repair-related bulk supply materials (Do not use the BMW part numbers for claim submission)	Up to \$100.00
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Sublet reimbursement calculation for claiming the applicable repair-related bulk supply material (BMW part number) is at the dealer net (DN) price for the full or proportional 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. The one gallon concentrate part number quantity for 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.

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 Service Action 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.

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

Supporting Materials

[picture_as_pdf B611924 Attachment](#)
[C_2_0824_0612_Lithium_Ion_Battery_Recycling_Program_REV1.pdf](#)

Bulletin #: C-2-0824-0612		<input checked="" type="checkbox"/> Take Note	<input checked="" type="checkbox"/> Take Action
<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
Name: Cesar Ortiz		Phone Number: 201-571-5143	
Title: Chemical & Battery Program Manager		Aftersales Business Development	
Date: 08-28-2024		Supersedes: C-2-0407-0602 / C-2-0407-0603 / C-2-0323-0606	



LITHIUM-ION BATTERY RECYCLING PROGRAM

TAKE NOTE

As part of BMW of North America's commitment to sustainability and compliance, we would like to introduce our new Li-Battery (Lithium-Ion Battery) recycling program through Redwood Materials and emphasize the importance of proper lithium-ion battery recycling.

Normal end-of-life warranty replacements and recalled batteries are the property of BMW NA. As such, BMW covers the cost of the battery recycling program, and there will be no cost to the dealer network.

In this Document you will find the following:

- Battery Core Credit Process.
- Normal End of Life Recycling Process for all Lithium-Ion Batteries.
- Recall Battery Recycling Process.
- Hazardous Material Transportation and Packaging Training.
- 24-Hour Emergency Contact Information.

MORE DETAILS

We request all BMW Centers follow our core return process through Redwood Materials, as outlined in this bulletin, to ensure that all used batteries are disposed of safely and efficiently.

Lithium-Ion batteries replaced through Customer Pay repairs should be recycled through the same process at no charge to the dealer network.

IMPORTANT:

- **DO NOT DISPOSE OF THE BATTERY PACKAGING IN WHICH THE NEW BATTERY IS DELIVERED, AS IT IS REQUIRED FOR SHIPPING THE NORMAL END OF LIFE CORES (NOT RECALLED) BACK FOR RECYCLING.**
- **DO NOT SEND ANY LITHIUM-ION BATTERIES TO THE WPRC. Lithium-ion batteries are strictly prohibited from being sent to any WPRC facility. Failure to comply with this directive could result in catastrophic consequences including fines and a partial or full claim debit.**
- **It is critical that lithium-ion batteries are not co-mingled with lead acid or AGM battery cores.**

TAKE ACTION

- Review the instructions in the subsequent pages to prepare shipments for Lithium-Ion batteries (low and high voltage batteries) removed from vehicles.

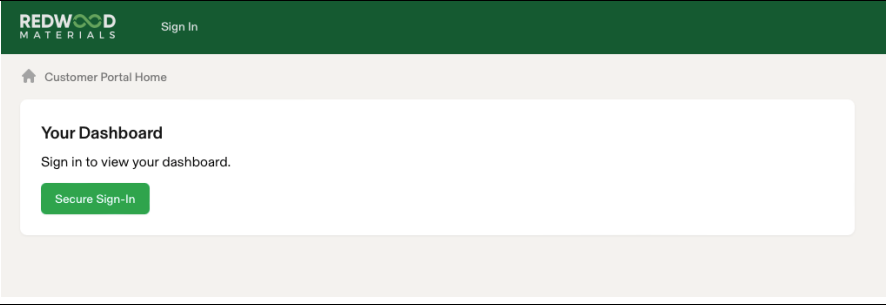
If you have additional questions regarding the preparation of the shipment, please contact Redwood Materials.

Battery Core Credit Process.

- **NEW!** Starting September 1st, 2024, all Li-Batteries (12V, 48V and high voltage) will have a core charge (\$150 to \$600 dollars) depending on the size of the battery and capacity.
- For warranty and non- warranty Li-Batteries purchased after September 1st, 2024, a YRE5 parts return code will be required to initiate the recycling request through Redwood's portal, and to generate the core credit back to the dealer.
- **Any battery purchased prior to September 1st, 2024, will not qualify for a core credit, and will not require a YRE5 to initiate the pickup request.**
- Please allow 30 days after the date of pick up for credits to appear in your statement.

Normal End of Life Li-Batteries (Non-Recalled or Damage).

- For all low and high voltage lithium-ion batteries replaced under normal diagnosis or repairs, place the battery/module in the returnable packaging that you received the replacement part in. If the package is unusable due to damage, DDR shipping crates will be provided.
- When the battery/module is ready to be returned, please go to <https://portal.redwoodmaterials.com/bmw> and follow the process below:
- **As with any hazardous materials shipment, you must have a Certified HazMat Shipper on site to execute the return along with an Emergency Response Phone Number listed below.**

<p>1. Log into the recycling portal using the login tied to the account (please reach out to Redwood Materials if you are unsure of the login for your dealership)</p>	
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2. Click "Add new item"

BMW Group Battery Recycling Portal

Location: 10695 BMW of Bayside
Address: 266 E Shore Rd, Great Neck, NY 11023


[New Request](#) Requested Pickup Scheduled In-Transit Completed

Prepare Items for Shipment

Complete a battery recycling request form for each item you'd like to ship, then select them to request your next shipment:

☐ Select Items

✓ You have no open items. Please [add a new item](#).

Add new item + 

3. Fill out requested information for each battery

- Please note certain fields are optional depending on when the battery was purchased, as well as the condition of the battery.
- Note: If the part number is not listed on the dropdown menu use the replacement part number (series part) as the Production part numbers may be different.
- For Recalled Batteries, or batteries categorized as "Yellow" or "Red" on the completed Recalled Battery Condition Certification Form, select "Yes" under the first DDR question to be directed to additional information.

Battery Recycling Request Form ×

Please fill this out for each removed battery / module in your shipment. Progress Saved

Part Number *

Select BMW part number... ▼

Was the replacement battery purchased from BMW prior to September 1, 2024? Before Sept. 1st After Sept. 1st

VIN SERIAL NUMBER YRE5 *

VIN (optional)... Serial Number (optional)... YRE5...

DDR Questions

Is this battery damaged, defective, or recalled (DDR) as defined by Department of Transportation (DOT) rules in 49 CFR or categorized as a **Yellow** and/or **Red** battery based on the completed Recalled Battery Condition Certification Form as per bulletin C-2-0701-0612? ? No Yes

Reset Complete Recycling Request

4. Click "Complete Recycling Request"

Filter by brand

Filter by Country

Select Location

Battery Recycling Request Form

×

Please fill this out for each removed battery / module in your shipment.

Progress Saved

Part Number *

61-27-7-933-747 13 Lithium Ion Battery

×

▼

Was the replacement battery purchased from BMW prior to September 1, 2024?

Before Sept. 1st

After Sept. 1st

VIN

VIN (optional)...

Serial Number

Serial Number (optional)...

DDR Questions

Is this battery damaged, defective, or recalled (DDR) as defined by Department of Transportation (DOT) rules in 49 CFR or categorized as a Yellow and/or Red battery based on the completed Recalled Battery Condition Certification Form as per bulletin C-2-0701-0612?

No

Yes

Reset

Complete Recycling Request

5. Repeat for every battery that you would like to recycle

BMW Group Battery Recycling Portal

Location: 10695 BMW of Bayside

Address: 266 E Shore Rd, Great Neck, NY 11023

New Request

Requested

Pickup Scheduled

In-Transit

Completed

Prepare Items for Shipment

Complete a battery recycling request form for each item you'd like to ship, then select them to request your next shipment:

☐

Select Items

Request Shipment

☐

Part Number: 61 - 27 - 7 - 933 - 747

←

✓ Ready to ship

✎

🗑

☐

Part Number: 61 - 27 - 9 - 452 - 661

←

✓ Ready to ship

✎

🗑

☐

Part Number: 61 - 27 - 8 - 678 - 566

←

✓ Ready to ship

✎

🗑

Add new item +

6. Once you've added each battery's details, select each one that is ready to ship and click "Request Shipment".

IMPORTANT: Please note that any Recalled / DDR (damaged) batteries must be requested separately. After you have clicked "Request Shipment" for a DDR item, Redwood will reach out separately once the crate has shipped. Please allow up to 3 business days for a crate to ship.

BMW Group Battery Recycling Portal

Location: 10695 BMW of Bayside

Address: 266 E Shore Rd, Great Neck, NY 11023

New Request

Requested

Pickup Scheduled

In-Transit

Completed

Prepare Items for Shipment

Complete a battery recycling request form for each item you'd like to ship, then select them to request your next shipment:

⊖

Select Items

Request Shipment for 3 of 4 Items

☒

Part Number: 61 - 27 - 7 - 933 - 747

←

✓ Ready to ship

✎

🗑

☒

Part Number: 61 - 27 - 9 - 452 - 661

←

✓ Ready to ship

✎

🗑

☒

Part Number: 61 - 27 - 8 - 678 - 566

←

✓ Ready to ship

✎

🗑

☐

Part Number: 61 - 27 - 8 - 678 - 567

Serial Number: 123456789

VIN: 5UXCR6COXN9KXXXXX DDR

✓ Ready to ship (DDR)

✎

🗑

Add new item +

7. Shipment Details

- Confirm the pickup address, requested pick-up date, pick-up time, and contact info to be listed on the Bill of Lading.
- Securely strap all non-DDR batteries to a pallet and provide the final shipment details (total weight, dimensions, and battery count for each pallet of batteries).

Request Shipment of 3 Items

Pickup Location

Add new or updated pickup address...

New / Updated Pickup Address

266 E Shore Rd, Great Neck, NY 11023, USA

Is a lift gate required for this pickup?

No

Yes

Earliest Pickup Date

09 / 16 / 2024

Pickup Time Window

8am-5pm

Contact Name

Joe Smith

Contact Email

joe.smith@bmw.com

Contact Phone

111-111-111

Do you have a DOT Hazmat certified employee who can ship these batteries / modules?

No

Yes

Name of DOT Hazmat Certified Employee

James Washington

Shipping Units to Pickup

Please make sure all non-DDR packages are secured to a pallet due to LTL shipping.

Type

Pallet

Pallet Weight

150

lb

Dimensions of Pallet + Contents

48

in

x

40

in

x

36

in

Length

Width

Height

Pallet Contents:

Part Number

61-27-7-933-747 i3 Lithium Ion Battery

Package Type

Box

Box Count

1

Add Content +

Gross Weight: 1 pallet x 150 lb = 150 lb

1 / 3 items added to shipment. Please add more items.

Add Shipping Unit +

Comments

Reset

Request Shipment

8. Dealers are encouraged to consolidate multiple batteries on as few pallets as possible as long as the packaging meets DOT requirements.

- Click "Add Content" to add more material to a pallet

Shipping Units to Pickup

Please make sure all non-DDR packages are secured to a pallet due to LTL shipping.

Type

Pallet

Pallet Weight

150

lb

Dimensions of Pallet + Contents

48

in

x

40

in

x

36

in

Length

Width

Height

Pallet Contents:

Part Number

61-27-7-933-747 i3 Lithium Ion Battery

Package Type

Box

Box Count

1

Part Number

61-27-9-452-661 i8 Lithium Ion Battery (superseding 61-...

Package Type

Box

Box Count

1

Add Content +

Gross Weight: 1 pallet x 150 lb = 150 lb

2 / 3 items added to shipment. Please add more items.

Add Shipping Unit +

Comments

Reset

Request Shipment

Remember that submitting form will email selected contact person.

- Or click “Add Shipping Unit” to add an additional pallet to the shipment.

Shipping Units to Pickup

Please make sure all non-DDR packages are secured to a pallet due to LTL shipping.

TypePalletPallet Weight150 lbDimensions of Pallet + Contents48 in x 40 in x 36 inLengthWidthHeight

Pallet Contents:

Part Number61-27-7-933-747 I3 Lithium Ion BatteryPackage TypeBoxBox Count1

Part Number61-27-9-452-661 I8 Lithium Ion Battery (superseding 61-...Package TypeBoxBox Count1

Add Content +

Gross Weight: 1 pallet x 150 lb = 150 lb

TypePalletPallet Weight50 lbDimensions of Pallet + Contents48 in x 40 in x 36 inLengthWidthHeight

Pallet Contents:

Part Number61-27-8-678-566 Battery X5 PHEVPackage TypeBoxBox Count1

Add Content +

Gross Weight: 1 pallet x 50 lb = 50 lb

3 / 3 items added to shipment. ✓

Comments

Reset

Add Shipping Unit +

Request Shipment

Remember that submitting form will email selected contact person.

9. Once complete click “Request Shipment” in the bottom righthand corner.

61-27-9-452-661 I8 Lithium Ion Battery (superseding 61-...Box1

Add Content +

Gross Weight: 1 pallet x 150 lb = 150 lb

TypePalletPallet Weight50 lbDimensions of Pallet + Contents48 in x 40 in x 36 inLengthWidthHeight

Pallet Contents:

Part Number61-27-8-678-566 Battery X5 PHEVPackage TypeBoxBox Count1

Add Content +

Gross Weight: 1 pallet x 50 lb = 50 lb

3 / 3 items added to shipment. ✓

Comments

Reset

Add Shipping Unit +

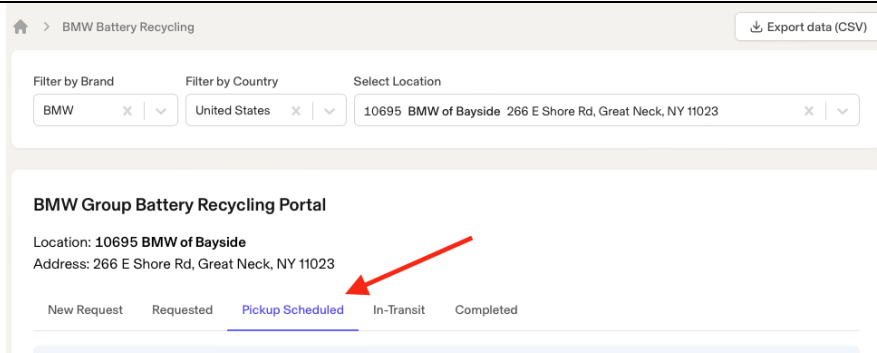
Request Shipment

Remember that submitting form will email selected contact person.

Once requested, you will receive an email confirming that Redwood has received your pickup request.

Within 24 hours, you will receive a second email containing all necessary pickup information and documents. Documents can also be accessed through the portal.

After the request has been scheduled, dealers can check the status of their pick-up by clicking on the "Pickup Scheduled" tab.



The screenshot shows the BMW Group Battery Recycling Portal interface. At the top, there are filters for Brand (BMW), Country (United States), and Location (10695 BMW of Bayside, 266 E Shore Rd, Great Neck, NY 11023). Below the filters, the location details are listed: "Location: 10695 BMW of Bayside" and "Address: 266 E Shore Rd, Great Neck, NY 11023". A red arrow points to the "Pickup Scheduled" tab in the navigation bar, which is currently selected. Other tabs include "New Request", "Requested", "In-Transit", and "Completed".

Recalled or Damage Li-Batteries.

The procedure below will only apply to Recalled or Damaged batteries. The condition certification form is not necessary for normal end of life replacements.

High Voltage Battery Recalls require Centers to ship batteries classified as DDR as defined by Department of Transportation 49 CFR, which require special packaging.

- Redwood Materials is the logistics partner that will facilitate these recalled HV battery returns.
- The process for requesting a pickup for Recalled batteries is identical to the steps above, however, please note additional information is required as part of step 3, which will trigger special packaging to be shipped by Redwood Materials.

Recalled parts that are removed from BMW vehicles cannot be used for resale! The recalled parts are the property of 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.

- Review the instructions in the subsequent pages to prepare shipments for high voltage battery modules removed from vehicles affected by Recalls or damaged units. If you have any questions regarding the preparation of the shipment, please use the Redwood Materials contact list below.
- If your Center has not completed the required supplemental HV Battery recall training, please reference bulletin **C-2-0824-0302** prior to attempting to arrange for recalled HV battery returns.
- **If battery modules are listed on your scrap report, please continue to follow the details on the bulletin for the correct process of recycling.**
- Please do not contact Redwood Materials until you have completed each battery's condition assessment.

1. IMPORTANT: Assessment of the HV Cell Module must be performed by a GEN 5 high voltage battery Certified Technician ("HV certified technician") as per the instructions below, prior to contacting REDWOOD MATERIALS (Air Document REH-HIN-P-6125-32 - V.1)

Introduction:

For analysis or recycling purposes, it is necessary to transport the high-voltage battery unit or individual cell modules. Due to their structure as a lithium-ion battery, the high-voltage battery unit and the cell modules are classified as hazardous materials and may only be transported if certain prerequisites are met. The "HV certified technician" is responsible for the transport condition assessment and for issuing the relevant certificate. **Packaging will be performed by the hazardous material trained personnel.**

The validity of the transport condition in the period between the determination and the handover of the high-voltage battery unit/cell module to the disposal/transport company is the responsibility of the HV certified technician in that workshop. If at a later point in time it is presumed that the previously certified condition of the high-voltage battery unit/cell module no longer exists, the condition must be assessed again by the HV certified technician using this document.

Within the context of the hazardous materials transportation regulations, the battery recall process is divided into three parts:

- Transport assessment.
- Transport preparation.
- Performing the transport.

This document and related attachments contain information and measures to assess a used high-voltage battery unit/cell module for transport. Transport preparation and performance of the transport of the high-voltage battery unit/cell module will be supported by Redwood Materials.

The specific implementation of these measures depends on the individual conditions on site and is not part of this guideline. When applying these specifications, the authorized BMW dealer must take into account laws and regulations applicable to their operations.

Prerequisites:

The analysis and assessment of the high-voltage battery unit/cell module must be carried out and documented by a "HV certified technician" with certification in high-voltage batteries.

Assessment of high voltage cell module

The assessment for transporting the high-voltage battery unit/cell module takes place in two steps:

- Electrical assessment
- Visual assessment

The individual results must be documented in writing on this form by a HV certified technician and confirmed as binding with a signature.

a) Electrical assessment

The electrical assessment of the high voltage cell modules is completed when a vehicle test using ISTA is performed to verify no critical faults are stored in the cell module being replaced and successfully completing the requirements for removal as per the recall bulletin. The testing process will lead to an electrical assessment result in one of the following three categories:

Module category:

GREEN	YELLOW	RED
"Not critical" fault codes stored according to the diagnosis procedure as per recall bulletin.	Electrical fault in the module. "Not critical" according to the diagnosis, procedure as per recall bulletin.	Module damaged or "critical" according to the diagnosis or no assessment possible via the diagnosis, procedure can't be completed as per recall bulletin.

The above cell module electrical assessment categories place different requirements on transport preparation and performing the transport.

b) Visual Assessment

The table is used for classification into the transport category:

Assessment Category	Green	Yellow	Red
Smoke			X
Evidence of Fire			X
Heat Development			X
Crack or opening on the housing *		X	X
Dents/bulges in the housing, deformations, changes**	X	X	
Parts/components weakened due to corrosion		X	
Slack, lose or damaged connections		X	
Serial number/Safety Instructions sticker not legible***	X		
Suspected water damage or leakage			X

* Size of the crack determines the module transport category.

** Dent/bulge up to a depth of 0.5 mm or a length of 5 cm is permitted and rated as green.

*** The serial number must be clearly identifiable. If the nameplate can no longer be read, the housing of the high-voltage battery unit must be clearly marked with the serial number.

*** The Safety Instructions sticker must be replaced if it is illegible.

The reference sample catalog must be used for any damage that cannot be assigned to this table.

c) Result

The results of the electrical and visual assessment must be recorded and **certified** in writing by the HV certified technician! The requirements for the transport preparation and performance are derived from these results. The following table shows the recommended measures for the transport of hazardous materials in the United States depending on the assessment result. US DOT hazardous materials regulations must always be taken into account.

	Results of assessment	Explanation	Transportation Measures
Green Transport	Result of the "Green" electrical check and visual damage of the "Green" category or no visual damage present.	The cell module does not show any damage or fault. It can be considered safe.	Recall batteries – do NOT use original fiberboard box packaging, even if green condition! Recall batteries require special packaging provided by a 3 rd party vendor contracted by BMW NA.
Yellow Transport	Result of the electrical check "Yellow" or at least one visual damage of the "Yellow" category is present	The cell module shows damage or faults, but it is not liable to rapidly disassemble or react dangerously when transported.	Special packaging provided by a 3 rd party vendor contracted by BMW NA
Red Transport	Result of the electrical check "Red" or at least one visual damage of the "Red" category is present	The cell module shows damage or faults, and it is known or is suspected to be capable of rapid disassembly or dangerous reaction when transported.	Submit a TSARA case for additional instructions and procedures From BMW NA.

If there is any uncertainty regarding the condition assessment results, contact BMW Technical Support immediately for additional guidance!

Until the uncertainties are resolved, the removed high-voltage battery unit or the cell module must be identified with warning sign 6 and cordoned off with high-voltage barrier tape.

If the high-voltage battery unit is still in the vehicle, the vehicle must be identified with warning sign 6 and cordoned off.

RECALLED BATTERY CONDITION CERTIFICATION FORM

- This form will be used by Redwood Materials to determine appropriate packaging for each battery or module and should be acknowledged on the Redwood portal.
- Certification of battery condition results is required for each HV battery or module.

IMPORTANT: For documentation purposes, this page must be printed, filled, and archived by the dealer and confirm completion through Redwood portal.

Battery **Part Number** _____

Date of Transport Condition Assessment _____

Battery/Module **Serial Number** _____

Vehicle **VIN (last 7 digits)** _____

Result of the assessment:	Green	Yellow	Red
Electrical (check one)			
Visual Check (check one)			
Overall result of the assessment for transport (check one)			

I certify that I am qualified to conduct and that I performed the high voltage (HV) battery transport assessment according to BMW Group standards on the battery or module identified on this form. I further certify the accuracy and validity of the above assessment result for purposes of making hazardous materials transportation packaging decisions.

Printed Name

Signature

Date

2. Packaging Request Process

- a. Redwood Materials will function as both the battery recycling services provider and the battery packaging provider for Damaged, Defective and Recalled (DDR) / Yellow and Red Assessment HV batteries.
- b. Contact information is provided below for Redwood Materials. Dealers must coordinate their requests for battery packaging with Redwood Materials once battery transport assessments are completed by completing a request in the Redwood portal.
- c. Once the DDR crate request has been submitted within the Redwood portal, Redwood Customer Operations team will reach out via email to confirm next steps and crate shipping information.
- d. For DDR batteries, Redwood Materials will select packaging for Yellow and Red Assessment batteries based on the size needed.
- e. Depending on part number, dealers can expect to receive a **reusable** Wooden Crate for each battery. **Limited inventory is available, and it will be rotated as it becomes available.**
- f. Dealers will also receive instructions for proper use and closure of each crate supplied.
- g. Please contact Redwood Materials directly for questions or issues regarding packaging and transport of recalled HV batteries.

Redwood Materials Contact Information

Redwood Materials will assist dealers with the successful completion of their return shipments. The points of contact listed below can assist with scheduling battery pickups, proper packaging techniques or packaging assembly procedures, and/or answering general questions related to the process of returning batteries to Redwood Materials.

More Questions?

Redwood Materials:

Email	Phone
Customerops@redwoodmaterials.com	775-446-6858

BMW NA Aftersales Business Development:

Name	Phone	Email	Title
Cesar Ortiz	201-571-5143	Cesar.S.Ortiz@bmwna.com	Chemical & Battery Program Manager
Jimmy Cox	201-307-4324	James.JC.Cox@bmwna.com	Chemical, Battery & Oil Sales Manager
Joachim Pusch	201-546-4635	Joachim.Pusch@bmwna.com	Aftersales Business Development Manager – Service and Parts

BMW Emergency Response:

Organization	3E Company
Emergency phone #	1-877-472-1724
Tracking code	9547