



SIM 61 07 20

2021-04-21

RECALL 20V-601: HIGH-VOLTAGE BATTERY

What's new (Specific text highlighted):

- Warranty Section

Note: Yellow highlighted text in Situation, Procedure, and Parts is for emphasis/importance.

MODEL

E-Series	Model Description	Production Date
F60	MINI Cooper SE Countryman ALL4– PHEV Only	March 12, 2020 – September 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 is conducting a Voluntary Safety Recall (effective September 24, 2020) on a small number of Model Year 2020-2021 MINI Countryman (PHEV) vehicles that were produced between March 12, 2020 and September 15, 2020.

The high-voltage battery may not have been produced to specifications. When charging the battery, this could lead to a short-circuit and, in rare cases, a thermal event.

Please do not charge the vehicle’s high-voltage battery until further notice.

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.

Customers must be informed of the issue and of the customer service measure (listed in the Procedure section) that must be carried out by the workshop appointment.

PROCEDURE

Important warning for working on the high-voltage systems on BMW Group vehicles:

Only properly trained personnel, who have passed all applicable technical training courses, should perform any maintenance or repairs on any Hybrid or Electric Vehicle. Work performed by unqualified persons may result in severe injury or damage to the vehicle. Additional information is found in Repair Instruction 61 00... Observe safety instructions when handling electric vehicles.

The customer is to be informed of the following:

We request you not to charge the vehicle via cable or to operate it only under the conditions described below.

Setting using the central display:

1. Pressing the eDrive switch.
2. Mode option in the driver's display.
3. Select MAX eDRIVE or AUTO eDRIVE.
4. Confirm in the central display.

Note:

Please do not use the manual gearshift or the sport shift on the selector lever and, if installed, the shift paddles on the steering wheel.

Note:

If these instructions are followed, the customer may continue to use the vehicle until the workshop visit.

Important Note: Please do not start the repair until you see that the campaign is remedy available. Recall IDS tickets will be rejected if remedy is not available.

Carry out the following service measure:

1. Connect the vehicle to the diagnosis and carry out a Vehicle Test.
2. If a cell module is affected, ISTA sets the fault S 0795.
3. Perform the associated test module in the test plan to determine the affected cell modules to be replaced. (High Voltage Battery Unit - Cell Modules (ABL - DIT - AT6127_SPOXZM; **available with the ISTA version 4.26.38**; released Nov. 20, 2020)
4. If cell modules are prompted for replacement, replace the corresponding cell modules. Follow the proper repair instructions for the specific vehicle; see **REP 61 27 621** or **REP 61 27 623**.
5. If a cell module exchange is not instructed, the vehicle is OK. -> No further measures required.

Note:

The diagnosis of the cell modules is only available with the ISTA version 4.26.38 (released Nov. 20, 2020).

Note: A TC case is NOT necessary to order the replacement HV battery cell modules as per this campaign.

Note:

The date in the serial number of the high-voltage module can be displayed in two different formats.

Variant A : YY-MM-DD

Variant B (shown): DD-MM-YY



PARTS INFORMATION

Please monitor the Parts Matrix and DCS messages for the parts ordering procedure.

Only use and invoice the part numbers 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.

Part Number for Technical Campaign	Description	Quantity
61 27 8 843 411	Cell module of high-voltage battery (34 Ah NEG) (2 max)	Qty as needed
61 27 8 843 412	Cell module of high-voltage battery (34 Ah POS) (3 max)	Qty as needed
07 11 9 908 596	Screw (M12x1.5x48)	4
61 27 8 606 057	Torx screw (M6 GFX85-10.9-S)	16
61 27 8 606 058	Threaded head Torx screw (M6 GFX85-10.9-S)	4
07 12 9 908 570	ISA screw (V-M6 GFX16)	16
61 27 8 677 638	Hexagon bolt with Torx socket (M6x25 mm)	4
07 11 9 909 322	Self-locking hexagon nut (M6-8-ZNNIV SI)	2
61 27 7 645 627	Seal for high-voltage battery	1
61 27 8 645 446	Hexagon screw with internal Torx - rounds to 10 pcs	28
83 19 2 468 443	MINI 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.

Recalled Part Retention

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

Your dealer 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 MINI USA through DCSnet.

There is now updated training and process information bulletins available for returning these recalled HV battery cells, please refer to:

- **Bulletin #: M-2-0321-M0301 - Required training information for returning defective high-voltage batteries.**
- **Bulletin #: M-2-0321-M0601 - HV BATTERY RECALL RETURN PROCESS**

For more information refer to DealerNet: "Menu>MINI>Aftersales>Business Development & Marketing Portal>Batteries>HV Training Module".

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

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

Plus work	Vehicle is already in the workshop for another repair
Main work	The vehicle arrives at your dealer and this Recall Campaign shows open (No other Main work will be performed/claimed during this workshop visit) or the inspection is done as a Mobile Service - Off Site Repair

Checking, No Cell Module Replacements Necessary (Recall Campaign is closed)

Defect Code:	0061700500	F60 Replace PHEV high-voltage battery cell modules	
Work Pkg	Labor Operation	Description	Labor Allowance
# 1	00 69 977	Perform vehicle test, do not exchange cell modules (No repair is necessary) (Plus work)	3 FRU
Or:			
# 2	00 69 417	Perform vehicle test, do not exchange cell modules (No repair is necessary) (Main work)	5 FRU

Note: Work package # 3 and # 4 are no longer necessary and they have been deleted.

Or:

Checking, Future Cell Module Replacements Necessary (Recall Campaign remains open)

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Defect Code:	6127900500	Fx Gx PHEV Check cell module high-voltage battery	
Work Pkg	Labor Operation	Description	Labor Allowance
# 3	00 69 977	Perform vehicle test, future cell module replacements necessary (Plus work)	3 FRU
Or:			
# 4	00 69 417	Perform vehicle test, future cell module replacements necessary (Main work)	5 FRU

Or:

Checking or Rechecking, Replacing Cell Module(s) as Instructed (Recall Campaign with repair is completed and closed)

Defect Code:	0061700500	F60 Replace PHEV high-voltage battery cell modules	
Work Pkg	Labor Operation	Description (Main work)	Labor Allowance
# 5	00 69 978	Checking the vehicle (vehicle test) and removing and installing the high-voltage battery (Plus work)	46 FRU
Or:			
# 6	00 69 418	Checking the vehicle (vehicle test) and removing and installing the high-voltage battery (Main work)	47 FRU
And:	00 69 979	5-Module Configuration (3T/2B): Job/repair work time (WT) for replacing one or more modules (top and/or bottom) in addition to 00 69 418 (Includes HV battery unit final test after HV battery module repair)	WT: 17TS or 28B FRU (First module, up to maximum of 33 FRU for up to 5 modules (See below))

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

00 69 979 - Replacing 2 Top (T) and 1 Single (S) Module Only:

- **17 FRU** for the first top module replacement; and
- Plus **3 FRU** for each additional (**up to 2 / 3 total**) top module replacements (**up to a total of 23 FRU**).

Or:

00 69 979 - Replacing Bottom Modules (B/Two) in conjunction with the 2 Top (T) and 1 Single (S) Module:

- 28 FRU** for one bottom module only (Includes **removing and installing or replacing** the corresponding top module) (**replaces the top module 17 FRU allowance above**); and as applicable
- With **(A): 3 FRU** for each additional (**up to 2**) top module replacements **without** replacing the corresponding one additional bottom module (up to 3 to 4 modules total) (**up to a total of 33 FRU**); or

- C. With **(A): 3 FRU** for an additional **(up to 1)** bottom module replacement includes **removing and installing or replacing** the corresponding top module (2 to 4 modules total) **(up to a total of 31 FRU)**; or
- D. **33 FRU** for replacing **all the modules** (3 top and 2 bottom/5 modules total).

Note: Only claim labor operation 00 69 979 one-time for the applicable total FRU allowance.

Claim Repair Comments

Only reference the SIB number, the work package (Pkg) number performed and when applicable (For WP #5 or # 6), the number of cell modules (top and/or bottom) that were replaced in the RO technician notes and the claim comments (For example: M61 07 20 WP 2 with 1 bottom module replaced), unless otherwise required by State law.

As applicable to your dealer, please refer to **SI M01 01 20** or **M01 04 20** for claiming job/repair work time (WT), RO/Claim WT and the repair-related explanation procedures.

And, as needed:

Sublet – Bulk Materials (RO and Claim Comments Required)

Sublet Code 4	Up to \$15.00	Reimbursement for the repair-related bulk material (Do not use the MINI part numbers for claim submission)
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Sublet reimbursement calculation for claiming the applicable repair-related bulk materials (MINI part number) is at the dealer net price amount for the quantity used plus your dealer's handling.

MINI 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.

Mobile Service - Off Site Repair (Checking only – Labor operation 00 69 417)

For dealers that qualify, this Recall repair is eligible to be performed and submitted as a Mobile Service "Off-Site" Repair which includes an additional labor allowance.

Qualifying MINI dealers are those that currently own and operate a Mobile Service Program vehicle. Other dealers that may qualify are those who have officially registered their interest in conducting mobile service work for the MINI Roadside Assistance Program.

If you have not already registered, please send an email with contact information to roadside.assistance@bmwna.com.

Additional information can be found in the Mobile Service program guide in DealerNet which is located under the Customer Relations menu.

Performing eligible and covered repairs under this program are subject to the same policy and procedures that apply to performing covered repairs in your workshop.

Labor Reimbursement (150 Percent)

When this Recall repair is performed under this program, qualifying dealers will be reimbursed for the Recall labor operation code's specified flat rate unit allowance (FRU) at a rate of 150 percent.

RO Invoicing for Claim Submission

Part 1: Claim the **first 100 percent FRU labor allowance** as shown below.

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For this Recall Campaign RO line item (WP # 2):

Defect Code:	0061700500	F60 Replace PHEV high-voltage battery cell modules
:		
Labor Operation	Description	Labor Allowance
00 69 417	Perform vehicle test, do not exchange cell modules (No repair in necessary) (Main work)	5 FRU

And then for:

Part 2: Open another RO line item for the **additional 50 percent FRU labor allowance** (as described below and in conjunction with the WP # 2 above)

Defect Code:	11997700RA	Mobile Service Reimbursement for Cell Module Inspection
:		
Labor Operation	Description	Labor Allowance
61 25 000	Additional labor allowance to perform off-site repair through Mobile Service (Checking/Inspection only)	3 FRU*

*Labor Calculation

Special flat rate labor operation **00 69 417 (Main work)** to perform the cell module inspection on these vehicles has a stated allowance of 5 FRU, after applying the rate of 150 percent, this repair will then be reimbursed for a total of 8 FRU (Rounded up from 7.5, **5 FRU plus 3 FRU**) as a Mobile Service off-site repair.

Claim the additional 3 FRU using the Defect Code 11 99 77 00 RA and labor operation provided above.

Notes:

- Identify this line time as Additional Labor for a Mobile Service off-site repair.
- Itemize the additional labor claimed and explain the repair performed on the repair order and in claim comment section.
- Labor operation code 61 25 000 is not considered a Main labor operation.

Time Control and Documentation

While repair-specific punch times are not necessary for this repair work being performed on a vehicle off-site (outside your dealer), the on-call technician must still punch on the corresponding repair order (electronic or manual) prior to leaving your MINI dealer when he or she is dispatched. The technician must punch off the repair order upon their return to your dealer.

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 M01 01 17](#) for additional information.

Reimbursement of Prior Customer-Pay Repairs (TREAD Act)

Based on the issue and 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	Please contact the Warranty department by either using the Live Chat that's available in the Warranty Documentation Portal or through IDS by selecting Coverage, Policy, Coding Questions and Mileage Corrections
Parts inquiries	Submit an IDS ticket to the Parts Department

Supporting Materials

[picture_as_pdf M610720 Recall Notice.pdf](#)

[picture_as_pdf M610720_2020-BMW-MINI-MY2020-2021-PHEV-F60-Gxx-lxx-HV-Battery-FAQ-\(Nov 5 2020\).pdf](#)

SAFETY RECALL NOTICE

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

RE: Recall 20V-601: High-Voltage Battery – M61 07 20

BMW AG is conducting a Voluntary Safety Recall (effective September 24, 2020) on a small number of Model Year 2020-2021 MINI Countryman (PHEV) vehicles that were produced between March 12, 2020 and September 15, 2020.

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.

Safety Recall 20V-601
High-Voltage Battery
Model Year 2020-2021
PHEV [BMW 3 Series, 5 Series, 7 Series, i8, X3 SAV, X5 SAV / MINI Countryman]
Issue Date: 09/24/2020
Last Update: 09/24/2020

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, 5 Series, 7 Series, i8, X3 SAV, X5 SAV, and MINI Countryman models in the US, produced between February and September 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, 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, do not plug in your vehicle for charging.

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?
Letters will be mailed to owners in October via First Class mail advising them of this Safety Recall and, if the remedy is available, requesting them to schedule an appointment with an authorized BMW center. If the remedy is not available at that time, a follow-up letter will be sent when the remedy becomes available.

Owners can locate their nearest authorized BMW center at www.bmwusa.com/dealer. To ensure BMW has the most recent contact and vehicle information, owners should register their vehicle at www.bmwusa.com/myBMW. Registration is free, and will give them access to factory initiated campaigns and other information specific to their BMW.

Q8. How will my vehicle be repaired?
The remedy is current being developed.