



SIB 12 03 25

2025-05-08

RECALL 25V-202: STARTER GENERATOR

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 if the campaigns have a status of remedy available. Otherwise, please release the vehicle.

<input type="checkbox"/>	THIS REPAIR IS MOBILE FRIENDLY
<input type="checkbox"/>	THIS REPAIR IS REMOTE SOFTWARE UPGRADE (RSU) FRIENDLY

This Service Information Bulletin (Revision 1) replaces SI B12 03 25 **dated April 2025**.

What's New:

- Recall # added to SIB title and to attachments
- Correction added
- Procedure added
- Parts Information added
- Claim Information added

MODEL

E-Series	Model Description	Production Date
G20	3 Series Sedan	November 27, 2024 – February 26, 2025
G22	4 Series Coupe	October 10, 2024 – January 21, 2025
G23	4 Series Convertible	October 10, 2024 – January 23, 2025
G26	4 Series Gran Coupe	November 4, 2024 – January 28, 2025
G45	X3 Sports Activity Vehicle	November 6, 2024 – March 10, 2025
G60	5 Series Sedan	October 10, 2024 – January 23, 2025

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 March 26, 2025, you can see a list of affected vehicles in Inventory Campaign Details (ICD) under ROSS.

SITUATION

BMW AG is conducting a Voluntary Safety Recall (effective March 25, 2025) on certain Model Year 2025 BMW vehicles that were produced between October 10, 2024, and March 10, 2025.

The starter-generator may not have been produced by the supplier according to specifications, specifically, at the connection point for the positive battery cable. Over time, this could increase the risk of engine stalling without warning, which could increase the risk of a crash. Also, over time, this could increase the risk of smoldering and, in an extreme case, a fire. Both of these conditions could also increase the risk of an injury.

CORRECTION**Situation 1:**

New vehicles still in inventory (not delivered to a customer) will need the starter generator (SGR) replaced.

Situation 2:

Vehicles that are sold or in regular operation (customer or loaner) will need to have the SGR and the 48V B+ cable replaced.

PROCEDURE

Situation 1 (WP #1)

New Vehicles in Center Inventory only

Follow **Repair Instruction 12 31 022 Removing and installing starter motor generator.**

Situation 2

For G2X vehicles: Follow **Repair Instruction 12 31 022 Removing and installing starter motor generator** and **Repair Instruction 61 12 018 Removing and installing/replacing the positive battery cable for starter motor generator - remote positive terminal.**

For G45 and G60 Models: The 48V B+ cable runs under the car from the SGR to the 48V battery in the luggage compartment. The rear suspension crossmember must be lowered to access the cable. Follow **Attachment 1 to SI B12 03 25** to remove and install the 48V B+ cable.

WP # 4 and WP # 5

Warning! Risk of scalding: Carry out the repair work on the cooling system only when the engine has cooled down.

Important: Life-time coolant filling - Never reuse used coolant!

Installation note: Only use prescribed coolant that applies to the vehicle! Observe the mixture ratio!

For cooling system disassembly/replacement work related to plastic and/or rubber components only where a partial quantity of coolant is drained, new coolant must be used to replenish the amount that was drained, up to the top up/full level.

DO NOT OVERFILL THE COOLANT SYSTEM.

PARTS INFORMATION

Invoice and use the part numbers listed below that apply.

Part Number	Description	Quantity
SGR Replacement (All)		
12 31 5A716F0	SGR	1
11 51 5A649B1	Bushings	1
07 14 3413174	Double hexagon flange nut for the electrical connection (rounds to 10)	2
11 61 5A40C05	intake gasket*	4
13 54 8632344	gasket throttle*	2
13 71 8642240	seal charge air tube (only if damaged)	1 (if required)
13 64 7675557	O-ring	4
07 14 9478626	Multi-purpose bolt (M10 x 25 ZNS3)(stiffening plate G23)	5
07 14 9504743	Multi-purpose bolt (M10 x 30 ZNS3) (stiffening plate G23)	2
31 11 6899302	Multi-purpose bolt (10 x 45 ZNS3) (stiffening plate G60)	12
07 14 8838235	Cage nut (M14 x 1.5 ZNS3) G60	2
07 14 7283812	Plug-in nut (M10-10 ZNS3) G60 (RWD)	8
*Not required on NEW vehicles in inventory (only for customer vehicles/vehicles in service)		
G60: 48V Cable		
61 12 5A8F801	Batt cable, pos term, underfloor SGR48 (48V)	1
31 10 6861942	Hex Bolt with washer (M10 x 35)	4
33 32 6775040	Hex Bolt with washer (M14 x 1.5 x 148)	4
07 14 5A0R1R0	Hexagon bolt (M16 x 1.5 x 110)	2

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34 50 9804151	ASA screw, thread-forming (M6 x 16)	2
33 12 7607158	Repair kit, recessed nut, blue (M39 x 1.5 x 20)	1
18 30 5A22701	Muffler clamp	1
07 11 9906089	Collar nut	3
G20/22/23/26 48V Cable		
61 12 5B3AC09	Cable starter generator-remote "+" term. (48V)	1
G45 48V cable		
61 12 5A6E331	Battery cable positive, below-floor	1
33 32 6794873	Hexagon nut with collar	2
07 11 9906495	Hexagon screw with flange	2
33 32 6760340	Torx-bolt with washer	4
33 12 7607158	Repair kit, recessed nut, blue	1
07 11 9906089	Collar nut	3
07 14 5A67B87	Hexagon nut	1
18 30 5A22701	Muffler clamp	1
07 14 9381677	Plastic nut	2
16 13 1176747	Plastic nut for coarse threaded	10

Sublet - Bulk Supply Materials (WP # 4 and WP # 5)

Part Number	Description	Quantity
83 19 5 A32 851	HT-12 Antifreeze RTU (Bulk Drum DN = 1/10 Liter) (Pre-mix)	As needed
Or:		
83 19 2 468 442	BMW Antifreeze/Coolant (DN = 1 Gallon Concentrate) - HT-12	As needed

CLAIM INFORMATION

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

Plusposition (+)	Completion before the first vehicle delivery to a customer (New in-stock/No in-service date), or the vehicle is already in the workshop for another reason and/or repair, identified by the "(Plusposition)" reference in the descriptions below.
Main work	The vehicle arrives for this Recall, no other Main work will be performed/claimed during this workshop visit, identified by the "(Main work)" reference in the descriptions below
Associated work	Additional/expanded job/work task(s) that are beyond the scope of the preliminary job/work task (Plusposition or Main)

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

Repair Code:	0012380600	G2x G45 G6x Replace starter generator
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Below are the flat rate labor operation code choices for this action.

Completion before the first vehicle delivery to a customer (New in-stock/No in-service date)

Work Package	Labor Operation	Description	Labor Allowance
# 1	00 78 620	Vehicle IS NOT in service - Replace starter generator, includes Gaining	As applicable

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		out vehicle test (00 00 556/61 21 528) (Plusposition)	
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Or:

Vehicle Is In Service/Operation – Renew Starter Only

Work Package	Labor Operation	Description	Labor Allowance
# 2	00 78 642	Vehicles IS in service - Renew starter generator, cables OK, includes Carrying out vehicle test (00 00 556/61 21 528) (Plusposition)	As applicable
Or:			
# 3	00 78 116	Vehicles IS in service - Renew starter generator, cables OK, includes Carrying out vehicle test (00 00 006/61 21 528) (Main work)	As applicable

Or:

Vehicle Is In Service/Operation – Renew Starter and its 48V Cable

Work Package	Labor Operation	Description	Labor Allowance
# 4	00 78 621	Vehicles IS in service - Renew starter generator with 48V cable in the engine compartment or underfloor, includes Carrying out vehicle test (00 00 556/61 21 528) and topping-up the coolant level (Plusposition)	As applicable
Or:			
# 5	00 78 100	Vehicles IS in service - Renew starter generator with 48V cable in the engine compartment or underfloor includes Carrying out vehicle test (00 00 006/61 21 528) and topping-up the coolant level (Main work)	As applicable

And, if and as applicable:

Additional Work

Expanded WP	Labor Operation	Description	Labor Allowance
A	00 78 622	Additional work: When the strut brace is installed (only G20)	3 FRU
B	00 78 643	Additional work: Renew sealing bushing (with 0078 642/00 78 116)	3 FRU

Claim Repair Comments

Reference the SIB number, the issue (briefly), and the work package (WP) number performed in the technician's RO notes, and in the claim comments (For example: B12 03 25 Renew Starter Generator WP 2), unless otherwise required by State law.

Sublet Code 4	Reimbursement for the repair-related bulk supply materials (Do not use the BMW part numbers for claim submission)	Up to \$25.00
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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's part number quantity as needed to obtain 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 Recall's repair qualifies for Alternative Mobility Solution (AMS) expense reimbursement, claim this item under the Repair Code noted above as follows:

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

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

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 do 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.

FEEDBACK REGARDING THIS BULLETIN

Technical Feedback	To submit feedback for the technical topic of this bulletin: Submit your feedback in the rating box at the top of this bulletin
Warranty Feedback	To submit feedback for the CLAIMS section of this bulletin: Submit an IDS ticket to the Warranty Department, or use the chat available in the Warranty Documentation Portal
Parts Feedback	To submit feedback for the PARTS section of this bulletin: Submit an IDS ticket to the Parts Department

Supporting Materials

[picture as pdf B120325 Recall Notice.pdf](#)

[picture as pdf Attachment 1 to SI B12 03 25.pdf](#)

[picture as pdf B120325 25V-202-SGR-FAQ-\(25Mar2025\).pdf](#)

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SAFETY RECALL NOTICE

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

RE: Recall 25V-202: Starter Generator – B12 03 25

BMW AG is conducting a Voluntary Safety Recall (effective March 25, 2025) on certain Model Year 2025 BMW vehicles that were produced between October 10, 2024, and March 10, 2025.

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.

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RECALL 25V-202: STARTER GENERATOR

Replacing the SGR and 48V B+ cable (G45/G60)

Follow Repair Instruction **REP 12 31 022 “Remove and install starter generator”** to remove the **SGR**. **Do not complete this repair until after the B+ cable is replaced.**

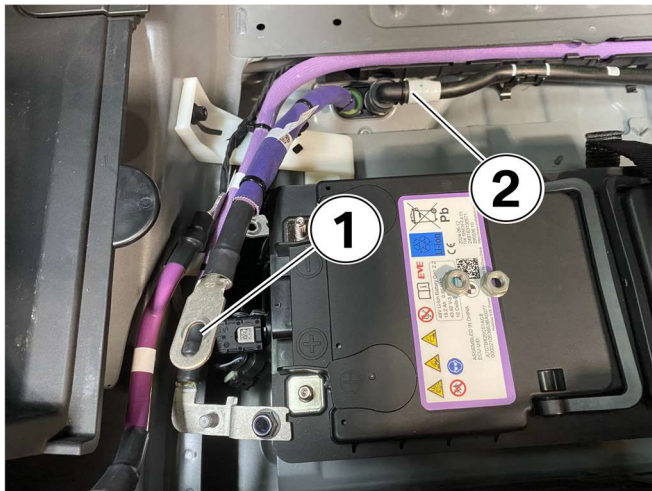
Note: Replace the 48V B+ cable once the intake manifold is off during the SGR replacement (do not complete the SGR replacement before installing the cable).

The 48V B+ cable runs from the 48V battery in the luggage compartment to the SGR in the engine compartment.

The exhaust shields and rear subframe need to be removed to access the B+ cable.

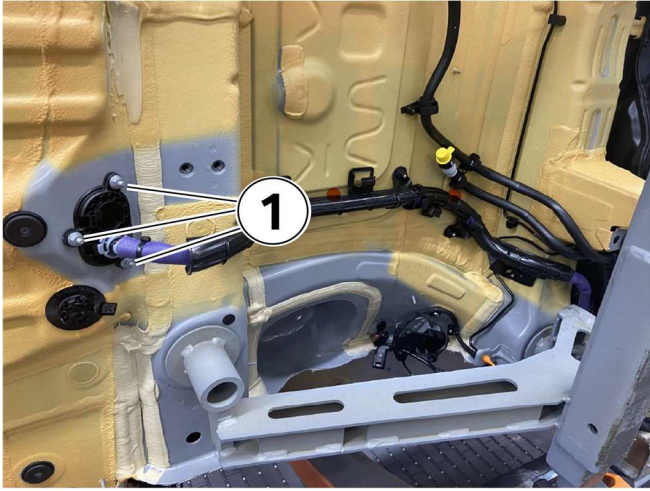
Follow **Repair Instruction 33 31 011 Replacing rear axle support (AW specification without wheel alignment)**

Note: The following illustrations are for a G45 unless otherwise noted. The G60 follows a similar repair.

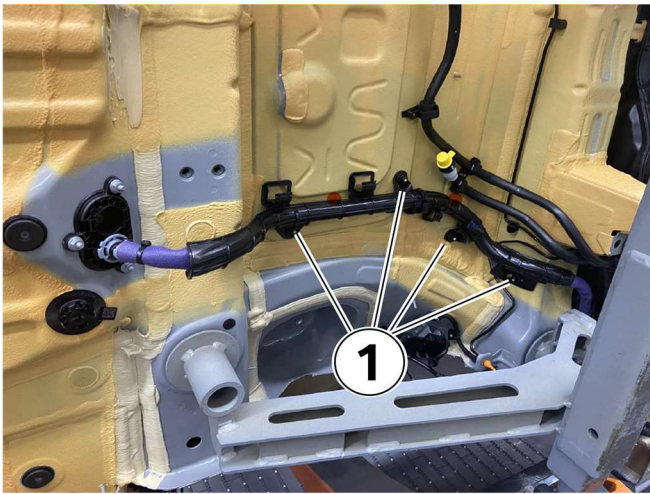


Disconnect the 48V SGR cable (1) from the B+ terminal of the 48V battery.

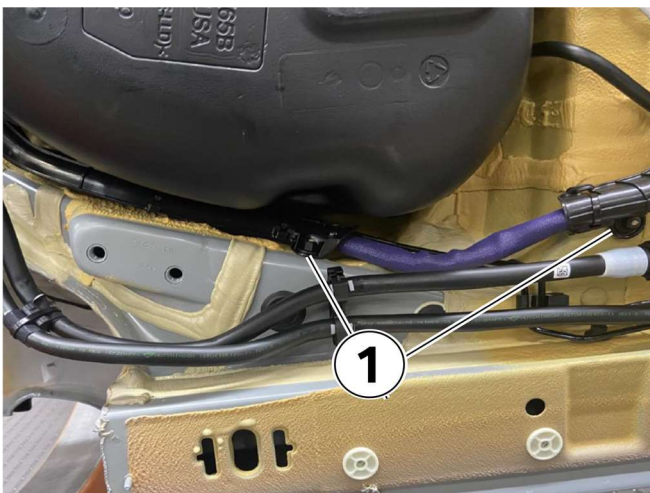
Disconnect the coolant line at the access point to the body (2)



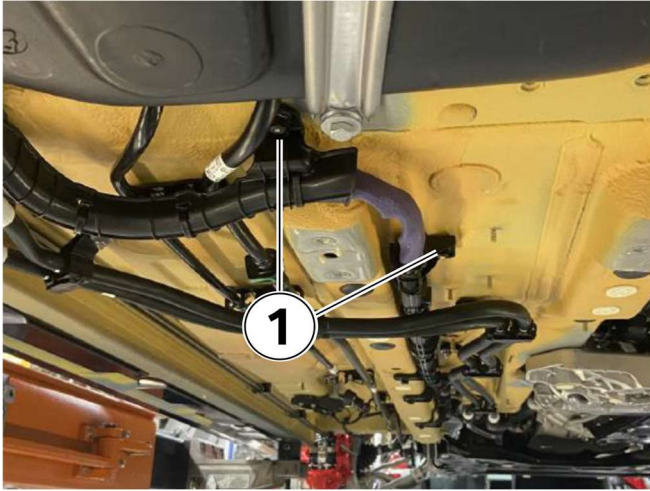
Remove the nuts (1) holding the SGR B+ cable to the trunk. (Replace nuts during reassembly and tighten to 9 Nm)



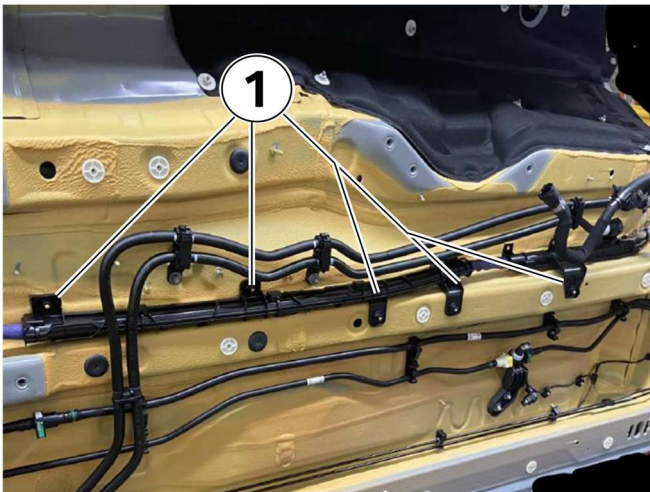
Remove all plastic nuts (and feed the cable out of the trunk. (replace all plastic nuts during assembly and torque to 2.3 Nm)



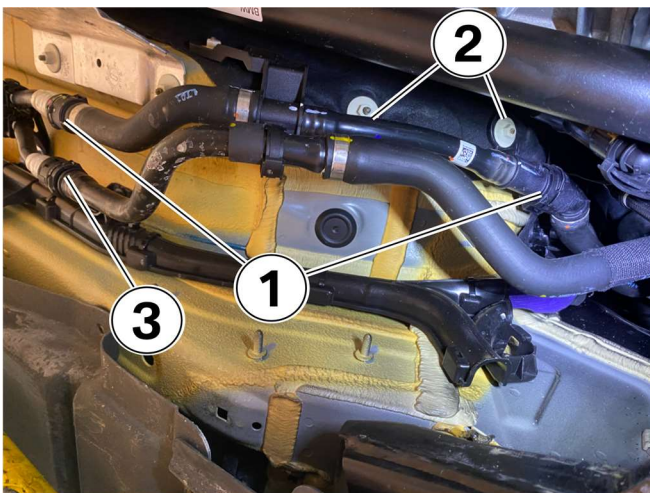
Continue removing plastic nuts and feed out cable (1).



Continue removing plastic nuts and feed out cable (1).



Continue removing plastic nuts and feed out cable (1).



Disconnect low temperature coolant circuit's coolant hose (1) from both ends and remove coolant pipe with bracket (2). (Replace the plastic nuts during assembly and tighten to 2.3 Nm).

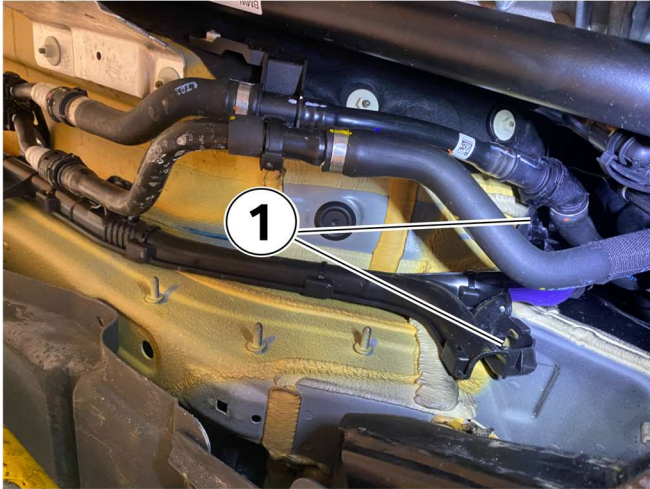
Disconnect coolant hose (3) and move hose away from the 48V B+ cable for better access to the cable.

Important: Life-time coolant filling - Never reuse used coolant!

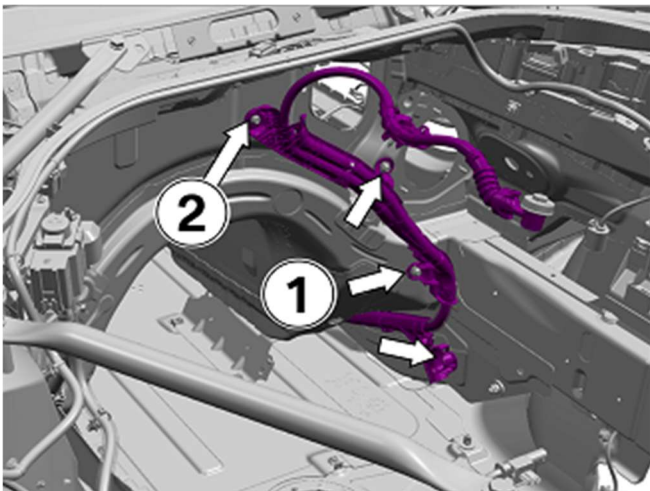
Installation note: Only use prescribed coolant that applies to the vehicle! Observe the mixture ratio!

For cooling system disassembly/replacement work related to plastic and/or rubber components only where a partial quantity of coolant is drained, new coolant must be used to replenish the amount that was drained, up to the top up/full level.

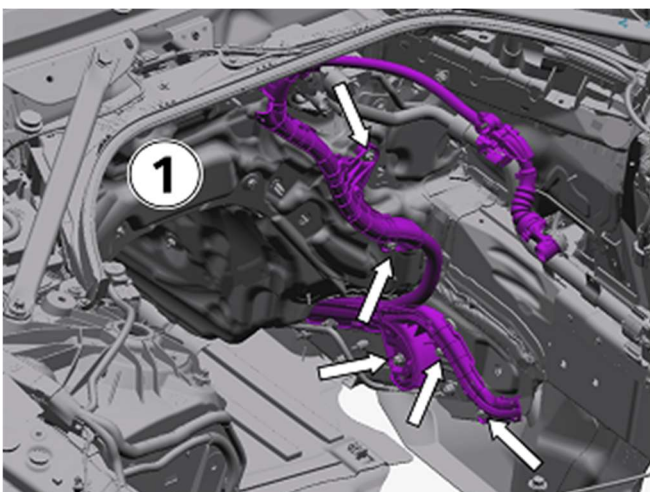
DO NOT OVERFILL THE COOLANT SYSTEM.



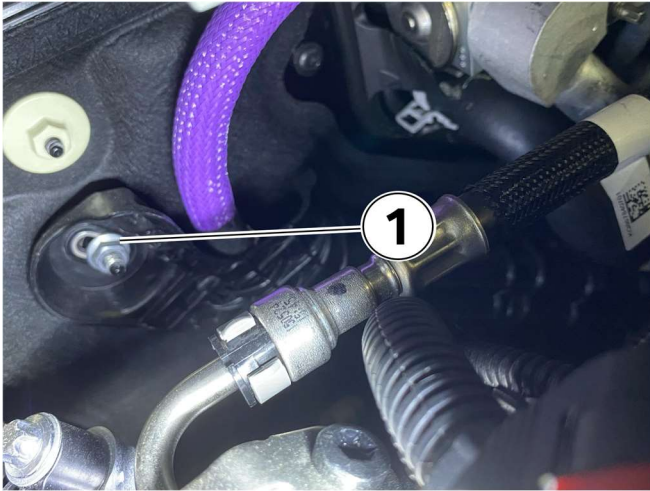
Continue removing plastic nuts and feed out cable (1).



G45: There are three plastic nuts (1) (see previous photo) and one metal nut (2) (next step photo) that need to be removed.



G60: Layout of cable in the engine compartment



Remove nut from firewall and feed the 48V B+ cable out from under the vehicle (cable is disconnected from SGR). (Tighten nut to 9 Nm during assembly)

Install the new 48V SGR cable and continue with SGR replacement. Reinstall all removed components (rear axle carrier, covers, etc).

Safety Recall
25V-202
Starter-Generator
Model Year 2025
BMW 3 Series, 4 Series, 5 Series, X3 SAV
Issue Date: 03/25/2025

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

Certain Model Year 2025 BMW 3 Series, 4 Series, 5 Series, and X3 SAV models, in the US are potentially affected.

Q2. What is the specific issue?

The starter-generator may not have been produced by the supplier according to specifications, specifically, at the connection point for the positive battery cable. Over time, this could increase the risk of engine stalling without warning, which could increase the risk of a crash. Also, over time, this could increase the risk of smoldering and, in an extreme case, a fire. Both of these conditions could also increase the risk of an injury.

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

Other models were manufactured with a starter-generator that meets specifications.

Q4. Can I continue to drive my vehicle?

Yes. However, when you are notified by BMW of this Safety Recall that a remedy is available, please contact an authorized BMW center to schedule an appointment as soon as possible. For the latest updates to this Safety Recall, please visit bmwusa.com/recall. **If you are not the only driver of this vehicle, please advise all other drivers of this important information.**

Q5. How did BMW become aware of the issue?

BMW became aware of the issue through its quality control procedures.

Q6. How will I be informed of this Safety Recall?

Owners of potentially affected vehicles will be notified via First Class mail advising them of this Safety Recall and to schedule an appointment with an authorized BMW center as soon as possible to have the remedy performed. To locate your nearest authorized BMW center, please visit bmwusa.com/dealer.

To ensure BMW has the most up-to-date contact and vehicle information, owners should register their vehicle at bmwusa.com/myBMW. Registration is free and will give them access to other information specific for their BMW vehicle. Alternatively, owners can visit bmwusa.com/recall and click on “**Manage recall notices and contact information**”.

Q7. How will my vehicle be remedied?

Potentially affected vehicles will have the starter-generator and positive battery cable checked and, as necessary, replaced, which could take up to several hours.

Q8. Do I have to wait for BMW to contact me to have the remedy performed?

Yes. We are in the process of implementing this Safety Recall to ensure that the necessary parts, tools, and procedures are available. For the latest updates to this Safety Recall, please visit bmwusa.com/recall.