



RECALL 20V-761: CHECK 48 V CABLE CONNECTIONS TO THE STARTER GENERATOR (SGR)

This Service Information Bulletin (Revision 2) replaces SI B12 12 20 **dated December 2020**.

What's New (Specific text highlighted):

- Minor change to Procedure and Warranty Sections

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
G05	X5 sDrive40i, xDrive40i Sports Activity Vehicle	June 1, 2020 – September 30, 2020
G06	X6 sDrive40i, xDrive40i Sports Activity Coupe	July 30, 2020 - September 30, 2020
G07	X7 xDrive40i Sports Activity Vehicle	June 17, 2020 - September 30, 2020
G12	740i, 740i xDrive Sedan	July 10, 2020 – September 22, 2020
G16	840i, 840i xDrive Gran Coupe	July 28, 2020 – September 17, 2020
G20	M340i, M340i xDrive Sedan	July 1, 2020 – October 26, 2020
G22	M440i xDrive Coupe	June 19, 2020 – September 25, 2020
G30	540i, 540i xDrive Sedan	July 14, 2020 – September 18, 2020

AFFECTED VEHICLES

Vehicles which require this Recall 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

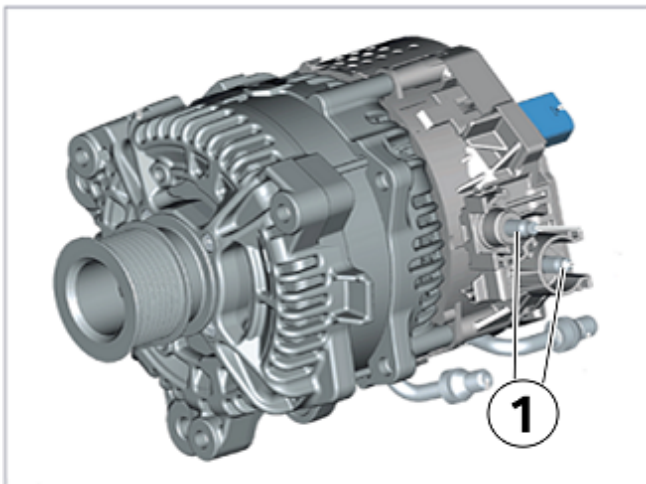
BMW AG is conducting a Voluntary Safety Recall (effective December 3, 2020) on certain Model Year 2021 BMW vehicles that were produced between June 1, 2020 and October 26, 2020.

The 48-Volt battery cable connections to the starter / generator (SGR) may not have been assembled to specifications. Over time, this could lead to increased resistance at the connection(s) and, in rare cases, a thermal event.

CORRECTION

Check the M8 flange nuts and cable connections on the SGR. If necessary, replace the flange nut and torque to spec.

PROCEDURE



Check the positive (1) and negative (2) cables for play at the mounting lugs on the SGR.

If the connections are tight and the cables cannot be moved by hand–

- No further action is necessary

If there is play in the connection to the SGR –

- Deactivate the 48 V electrical system (Repair instruction REP-TAT-P-6124-18-B47_48V)
- Remove and discard the flange nut on the B+ or B- cable.
- Install a new flange nut so that it's carefully started by hand to avoid cross-threading
- Torque to 19 Nm

PARTS INFORMATION

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	Description	Quantity
07 14 3413174	Flange nut (rounds to 10)	Up to 2

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:

Defect Code:	0012490500	Gx Check the screw connection of B+ / B- line of the starter generator and rework if required
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Completion before the first vehicle delivery to a customer or the vehicle is already in the workshop

Work Pkg	Labor Operation	Description (Plus work)	Labor Allowance
# 1	00 70 621	Checking the positive/negative battery cable and reworking if necessary	Refer to AIR

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 70 104	Checking the positive/negative battery cable and reworking if necessary	Refer to AIR

Only one of the flat rate labor operation codes listed above can be used for claim submission and reimbursement. Also, only one Main work flat rate labor operation code can be claimed per workshop visit.

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: B12 12 20 WP 1), unless otherwise required by State law.

And, if applicable:

Consequential Repair

When additional work and/or parts are required as a direct result of the issue described in this Service Information Bulletin, claim these items under the under the defect code listed above together with the corresponding labor operations (including any additional diagnosis) listed in AIR if applicable.

Please explain the reason for this consequential repair work (the why and what) on the repair order and in the claim comments section.

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	Submit an IDS ticket to the Warranty Department or use the chat available in the Warranty Documentation Portal
Parts inquiries	Submit an IDS ticket to the Parts Department

Supporting Materials

- [picture as pdf B121220 Recall Notice.pdf](#)
- [picture as pdf B121220_20V-761-MY2021-Gxx-48V-Battery-FAQ-\(3Dec2020\).pdf](#)