



SIB 64 05 21

2021-06-28

**RATTLING NOISE PERCEPTIBLE IN VEHICLE INTERIOR WITH AC ACTIVATED**

**MODEL**

E-Series	Model Description	Production Date
G20	3 Series Sedan	Start of Production up to May 30 2025

**SITUATION**

A rattling noise is heard in the vehicle interior when the air conditioning is activated.

**CAUSE**

The refrigerant line double pipe and a clamp on the return line of the internal heat exchanger are in line with each other (in the direction of travel, on the left (driver) side of the engine compartment below/behind the DME).and are making contact.

**CORRECTION**

Insert a strip of felt tape in the area of contact and clamp the two pipes together.

**PROCEDURE**

For the situation described above, proceed as follows.



The lines are contacting here.

Place a strip of felt tape 10-12cm long around each of the lines at this contact point and then secure the lines together using a worm type hose clamp.

Then reassess the vehicle.



## **PARTS INFORMATION**

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in either ETK or AIR which takes into account specific equipment and/or options.

<b>Part Number</b>	<b>Description</b>	<b>Quantity</b>
51 45 2 353 024	Felt tape	25cm max
07 12 9 952 117	Hose Clamp	1

## **WARRANTY INFORMATION**

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

<b>Defect Code:</b>	<b>6453003900</b>	<b>Refrigerant line of Air conditioning Unpleasant noises</b>
---	---	---
<b>Labor Operation</b>	<b>Description</b>	<b>Labor Allowance</b>
12 90 150	Remove and install control unit box (For access) (Main work)	Refer to AIR
Or:		
12 90 650	Remove and install control unit box (For access) (Plus work)	Refer to AIR
And:		
64 99 000	Work time to install the clamp and felt strip	2 FRU

If you are using a Main labor code for another repair, use the Plus code labor operation 12 90 650 instead of 12 90 150.

And, as needed:

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

<b>Sublet Code 4</b>	See the sublet reimbursement calculations below	Reimbursement for the repair-related bulk material (Do not use the BMW part number for claim submission)
--------------------------	---	--

Sublet reimbursement calculation for claiming the applicable repair-related bulk material (BMW part numbers) is at the dealer net price amount for the quantity used plus your center's handling.

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

Based on which one applies to your center, please refer to **SI B01 01 20** or **B01 07 20** for claiming your diagnosis work time, job/repair work time (WT), RO/Claim WT and/or repair explanation procedures, unless otherwise required by State law.

**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