

## SERVICE ACTION: LEFT FRONT STRUT TOWER RIVETS

41 03 23 [SI] July 2023 (v01)

<input type="checkbox"/>	THIS REPAIR IS MOBILE FRIENDLY
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### MODEL

E-Series	Model Description	Production Date
G20	3 Series Sedan	May 23, 2023 – June 8, 2023

### 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 center’s inventory as soon as possible. You can see a list of affected vehicles in Inventory Campaign Details (ICD) under ROSS.

### SITUATION



The left front suspension’s aluminum strut dome (general area circled) was incorrectly riveted to the body’s wheel-well. Overtime, corrosion can form around the rivet holes. Structural integrity would thereby NOT be reduced, because the primary strength of that dome attachment is from structural adhesive.

### CORRECTION

Cover each affected rivet head on the left front strut dome with a strong seam sealant.

- The right front strut dome is not affected

**Important Note:** This repair may have already been performed at BMW's manufacturing plant. For this situation:

- Inspect, no repair is necessary

## PROCEDURE

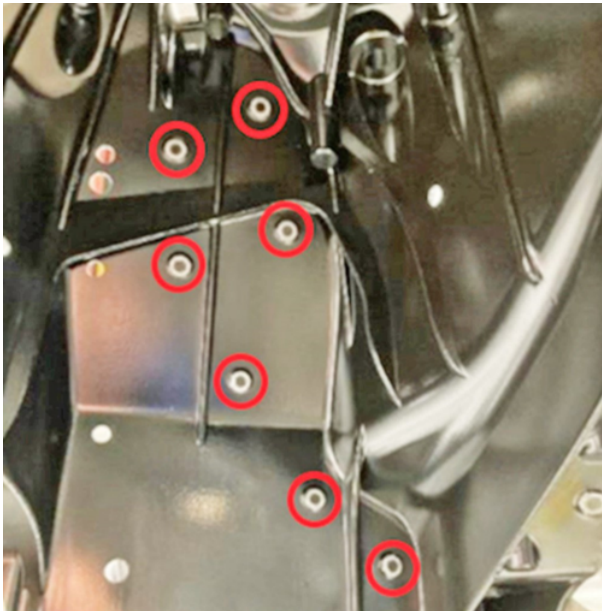


1. Position the vehicle on a lift and raise it to "chest-level".

(Optional) Remove the left front wheel.

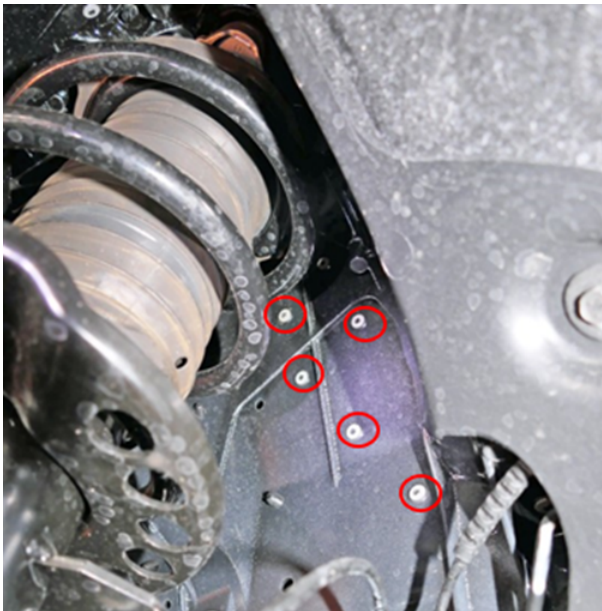
If the wheel remains on the vehicle, turn it to the right.

Note: Neither the front nor rear sections of the wheel-well liner need to be removed. The rivets are directly accessible.



1. View of the strut dome on an unassembled body shell for clarity.

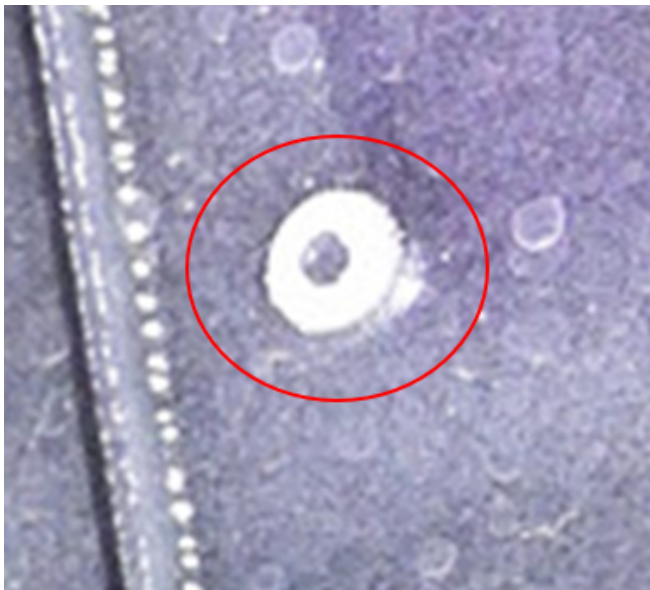
2. View of the strut dome on an assembled vehicle for clarity.



3. Using a small, long handled brush, apply a small dab of sealant to the rivet head, spreading it so that it extends to and contacts the strut dome.

The total amount of sealant per vehicle is a ball approx. the size of a large grape.

**Note: The brush can be sourced locally.** Shorten the bristles if needed to increase stiffness for ease of spreading the sealant.



4. Apply the sealant to each of the seven rivets shown in step 3.

5. Reassemble the vehicle if needed.

## PARTS INFORMATION

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

Part Number	Description	Quantity
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83 42 5 A54 7B9, Alternatively	Sealant D2, or alternatively a BMW-approved locally sourced sealant such as offered by Wuerth or 3M if not expired (290 mL)	Sublet as needed
83 19 5 A66 E25	Sealant D2 (300 mL cartridge)	Sublet as needed
81 22 9 407 533	Sikaflex 221 (300 mL)	Sublet as needed

## CLAIM INFORMATION

Reimbursement for this Service Action will be via normal claim entry utilizing the applicable work package information below and when applicable, consumed materials in sublet.

**Repair Code:**      **0041230200**      ---

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 74 863	Inspect, and if necessary, seal the front left strut tower rivets	3 FRU

Or:

The vehicle arrives at your center and this Service Action 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 74 220	Inspect, and if necessary, seal the front left strut tower rivets	5 FRU

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 (No repair/Repaired) in the RO technician notes and the claim comments (For example: B41 03 23 WP 1, no repair is necessary or B41 03 23 WP 1, repair performed), unless otherwise required by State law.

### Sublet – Bulk Materials (With a Performed Repair, RO and Claim Comments Required)

<b>Sublet Code</b> <b>4</b>	Up to \$30.00	Reimbursement for the repair-related bulk materials (do not use the BMW part numbers for claim submission)
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Sublet reimbursement calculation for claiming the applicable repair-related bulk materials (BMW part numbers) is at the dealer net price amount for the proportional quantities 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.

## 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