

# Recall Campaign Bulletin



Campaign No. 2022030024, April 2022

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Model S-Class (223 platform)**  
**Model Year 2021**

## **Check Airbag Control Unit Installation**

Mercedes-Benz AG ("MBAG"), the manufacturer of Mercedes-Benz vehicles, has determined that on certain Model Year ("MY") 2021 S-Class (223 platform) vehicles, the airbag control unit fastening nuts might not have been tightened according to current production specifications. This may cause the airbag control unit to detect incorrect acceleration values while driving. As a result, the restraint systems might deploy unintentionally in the vehicle. In addition, in the event of a crash, the restraint systems might not be activated as specified. Depending on the scenario, the risk of a crash or injury could be increased. An authorized Mercedes-Benz dealer will check the installation of airbag control unit fastening nut on the affected vehicles and correct it, if necessary.

Prior to performing this Campaign:

- VMI must always be checked before performing campaigns to verify that the campaign is required on a specific vehicle. Always check for any other open campaigns, and perform accordingly.
- Please review the entire Campaign bulletin and follow the repair procedure exactly as described.

Approximately 14 vehicles are affected.

Order No. P-RC-2022030024

This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Quality Record

# Recall Campaign Bulletin

## Check threaded connection for restraint system control unit, replace if necessary

Model 223

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### Check/test procedure

1. Expose restraint system control unit until the three bolting points (**A, figure 1**) can be accessed.



For basic data, see **AR91.60-P-0628S**.



Disconnect ground line.

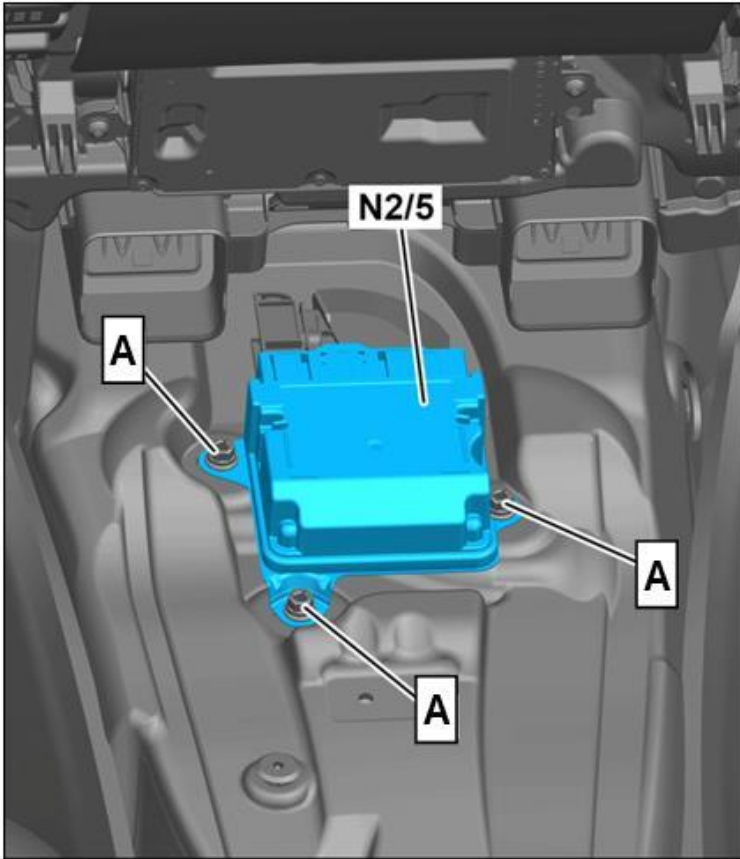



Figure 1

1. Remove 3 nuts (**A, figure 1**) and check thread at threaded studs including the nuts.
  - a. Thread at threaded studs and nuts **without** damage:  
Carry out **work procedure A**.
  - b. Thread at threaded studs and nuts damaged:  
Perform **work procedure B**.


### Work Procedure A

1. **Tighten** nuts at bolting points with **specified torque**.

 Nut, restraint systems control unit to vehicle floor **10 Nm**

 Clean support points at nuts and SRS control unit if necessary.


### Work Procedure B


 Threads in nuts for restraint system control unit or threaded pins are damaged.

1. Completely remove restraint system control unit.
2. Replace threaded studs with damaged thread.
  - a) Remove lines as well as insulation mats in the repair area of the bodyshell screw bolt.
  - b) Protect surrounding area against flying sparks and welding splatter, line with welding mats.  
**AH60.00-P-0001-01S** and **AH54.00-P-0001-01A**.
  - c) Cut off/grind off damaged bodyshell weld stud so that flat at bodyshell.
  - d) Remove, grind off paint and primer in repair area.
  - e) Mark center of old spot weld using a punch mark.
  - f) Pre-drill hole and then drill with a **8.1 mm Ø** for positioning the new bodyshell weld stud.
  - g) Insert new bodyshell weld stud and weld on in a MAG welding process.
  - h) Paint repair area in spot repair method according to the Mercedes-Benz specifications.
  - i) Apply a cavity protection agent to repair area according to Mercedes-Benz specifications.
3. Assemble in reverse order.

### Primary Parts Information


Qty.	Part Name	Part Number
As required	Weld stud	A 000 991 32 03
As required	Nut	A 004 990 62 50

 Small parts such as screws, lock nuts, sealing rings, cable ties, fluids, sealant, etc. are not listed in the parts list. The required small parts are taken into account in the budgeting.

 **Note:** The following allowable labor operation should be used when submitting a warranty claim for this repair:

### Warranty Information

Damage Code	Operation Number	Description	Labor Time (hrs.)
54 942 05	02-0385	Check threaded connection for restraint system control unit <b>Includes:</b> Work procedure A	1.3
	02-0386	Repair threaded pin for restraint system control unit (after check) <b>Includes:</b> Work procedure B	ZM

 **Note:** Always check ASRA for the current OP-Code times. Labor times are subject to change and updates may not be reflected in this document.