

Recall Campaign Bulletin



Mercedes-Benz

Campaign No. 2022030028, April 2022

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Model S-Class (223 platform)**
Model Year 2022

Check and Replace Rear Axle Carrier

Mercedes-Benz AG ("MBAG"), the manufacturer of Mercedes-Benz vehicles, has determined that on certain Model Year ("MY") 2022 S-Class and Maybach (223 platform) vehicles, the sub frame welds for the thrust arm on the vehicle's rear axle carrier might not meet current production specifications. In this case, the welds could fail suddenly and without prior warning and may cause the thrust arm to detach from the rear axle carrier. As a result, the vehicle might sway due to roadway influences. In addition, the vehicle could pull to one side in the event of emergency braking. In that case, the controllability of the vehicle would be impaired, increasing the risk of a crash. An authorized Mercedes-Benz dealer will check the sub frame weld on the rear axle carrier on the affected vehicles and replace the rear axle carrier, if necessary. Until the inspection/remedy is completed, affected customers will be instructed by the MBUSA Customer Assistance Center (CAC) to stop driving their vehicles and will assist to make arrangements with their preferred authorized Mercedes-Benz dealer to have the vehicle towed for inspection. Towing and loaner vehicles, where available, will be offered at no cost to the customer.

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 11 vehicles are affected.

Order No. P-RC-2022030028

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 rear axle carrier, replace if necessary

Model 223

Check/test procedure

1. Lift vehicle.
2. Check weld seam (A, figure 2) of thrust arm connection to rear axle carrier **on both sides**.

-  The connection must be end-to-end welded at the rear axle carrier!
-  Area to be checked must be well illuminated!

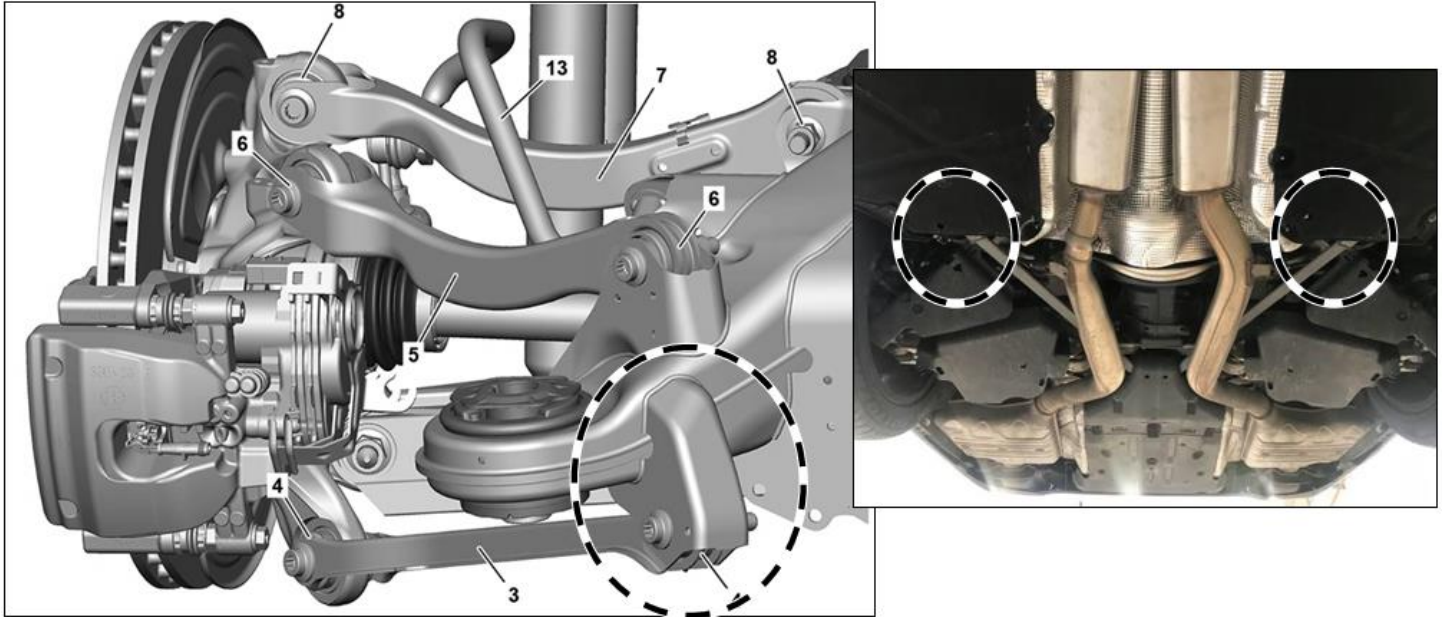


Figure 1

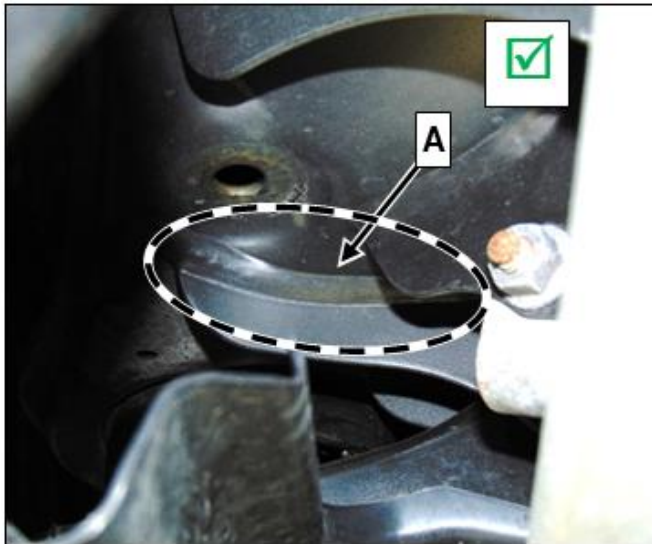


Figure 2

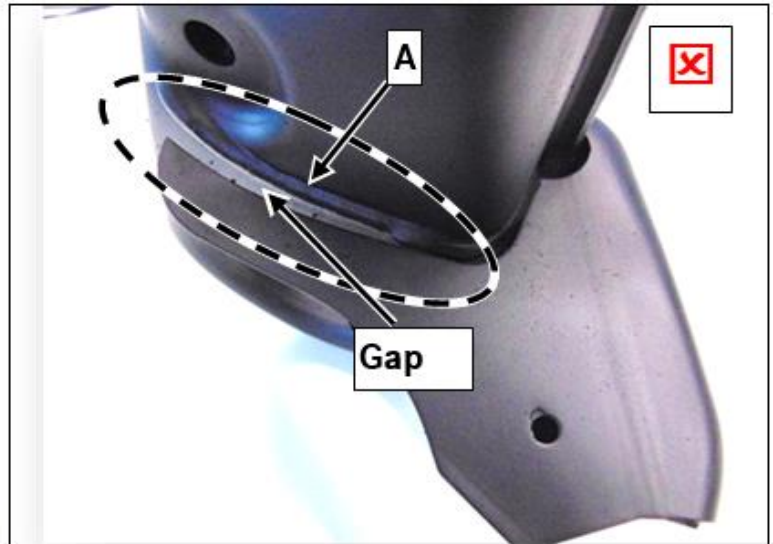


Figure 3

- a. Weld seam (A) **not** OK: Perform **work procedure**.
- b. Weld seam (A) OK: **Perform step 3 and End measure**.

3. Create **PTSS Informational only case** and document one high quality picture from the left and one from the right side.

Please insert the campaign number P-RC-2022030028 in the text field.

Sample pictures to be attached (good rear axle carrier)



(the color/material of the rear axle carrier could deviate from sample pictures)

Work Procedure

1. Remove rear axle.
i For basic data, see **AR35.10-P-0010S**.
2. Replace rear axle carrier (A) (figure 1 and 2).

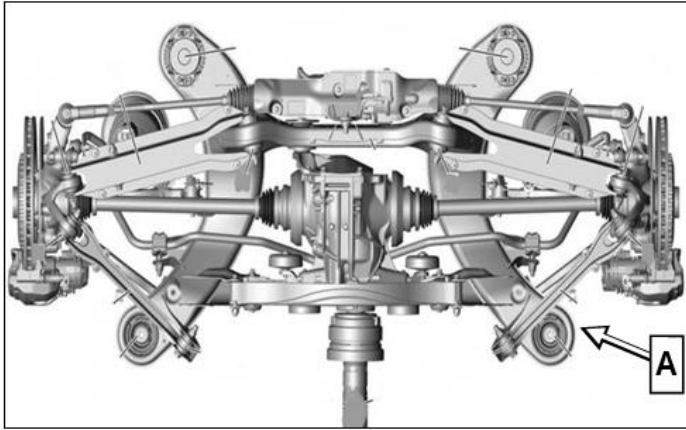


Figure 1 (Complete rear axle)

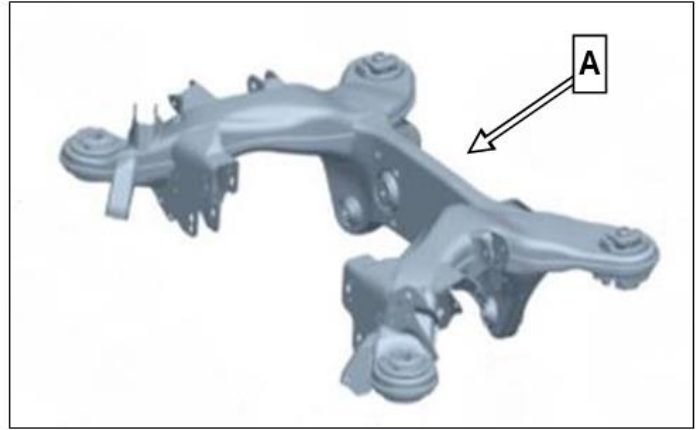


Figure 2 (Rear axle carrier)

- 2.1. Remove camber strut at left and right rear axle carrier.
i For basic data, see **AR35.20-P-0110S**.
- 2.2. Remove tension strut at left and right rear axle carrier.
i For basic data, see **AR35.20-P-0111S**.
- 2.3. Remove rear axle shaft at left and right rear axle carrier.
i For basic data, see **AR35.30-P-0621S**.
- 2.4. Remove rear axle differential at rear axle carrier.
i For basic data, see **AR35.31-P-0522S**.
- 2.5. Remove thrust arm at left and right rear axle carrier.
i For basic data, see **AR35.20-P-0113S**.
- 2.6. Remove spring link at left and right rear axle carrier.
i For basic data, see **AR35.20-P-0119S**.
- 2.7. Remove steering gear at rear axle carrier.
i For basic data, see **AR46.80-P-4000S**.
- 2.8. Replace rear axle carrier.
3. Assemble in reverse order.
i For torque basic data, see **BA32.00-Z-9999AZ** and **BA35.00-Z-9999AZ**.
4. Perform wheel alignment.
5. Perform road test

Primary Parts Information

Qty.	Part Name	Part Number
1	Rear axle carrier	*

* The rear axle carrier for the vehicle identification number must be determined via the parts process in the XENTRY Portal!

i 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.

i **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.)
35 948 03	02-0375	Check rear axle carrier	0.2
	02-0376	Replace rear axle carrier (after check) Includes: Remove/install center and rear engine compartment lining; remove/install center, left and right underfloor paneling, remove/install 2 wheel and tire assemblies; extra work for: Remove/install 2 wheel and tire assemblies; remove/install rear axle; extra work for: Remove/install rear axle in vehicles with code 201/216; extra work for: Replace rear axle carrier (rear axle removed) in vehicles without code 490; perform road test	10.5
	02-9785	Perform wheel alignment check	0.9
21 202 00	02-0001	Create PTSS Informational only case	0.3

i **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.