

TO: Mercedes-Benz Dealer Principals, General Managers, Sales Managers, Service Managers, Parts Managers	FROM: Gregory Gunther, Department Manager, Vehicle Compliance and Analysis, Engineering Services
RE: Recall Campaign Launch Notification- STOP DRIVE Check and Replace Rear Axle Carrier MY22 S-Class (223 platform)	DATE: 4/1/2022

IMPORTANT RECALL CAMPAIGN UPDATE

Please see the attached documents related to the campaign listed above.

STOP DRIVE NOTIFICATION

Please note that all customer inquiries should be directed to the Customer Assistance Center at 1-800-FOR-MERCEDES.

Sincerely,

Gregory Gunther

Department Manager, Vehicle Compliance & Analysis



Recall Campaign Launch Notification

April 1, 2022

Campaign No. :

NHTSA ID

Campaign Desc. :

Check and Replace Rear Axle Carrier

2022030028

22V194

22P3594803

This is to notify you of the STOP DRIVE **Recall Campaign Launch** to check and replace the rear axle carrier on **12** Model Year ("MY") 2022 S-Class (223 platform) vehicles. The recall campaign will be visible on the www.safercar.gov website and may generate questions from customers. Affected VINs will be flagged in VMI as "OPEN" on **April 1, 2022**.

Background

Issue

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.

What We're Doing

MBUSA will conduct a voluntary recall. 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.

Parts

The remedy is available and can be performed. Please note that the estimated replacement rate is 10%. Parts should only be ordered in the event a replacement is required.

Vehicles Affected

Vehicle Model Year(s)

2022

Vehicle Model

S-Class

Vehicle Populations

Total Recall Population

12

Total Vehicles in Dealer Inventory

1

Given this notice, it is a violation of Federal law for a dealer to sell or lease any new MY22 S-Class and Maybach vehicles in dealer inventory covered by this notification until the vehicle has been repaired. Once the remedy is available, the vehicles will be flagged as "OPEN" and Work Instructions will be available in Xentry. Once the repair is complete, the vehicle may be sold or leased.

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.

Next Steps/Notes

Customer Notification Timeline

Affected customers were contacted by the MBUSA Customer Assistance Center (CAC) starting as early as March 28th to stop driving their vehicles. Official owner notifications will be sent following NHTSA approval of the customer notification letter before May 24, 2022.

AOMS/SOMS

AOMs - This recall may generate questions from your dealers. Please forward this notice to your dealers ASAP.

While we regret any inconvenience this may cause, MBUSA is determined to maintain a high level of vehicle quality and customer satisfaction. Please refer all customer inquiries to the Customer Assistance Center at 1-800-FOR-MERCEDES.



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 12 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

Recall Campaign Bulletin

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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**.

i The connection must be end-to-end welded at the rear axle carrier!

i Area to be checked must be well illuminated!

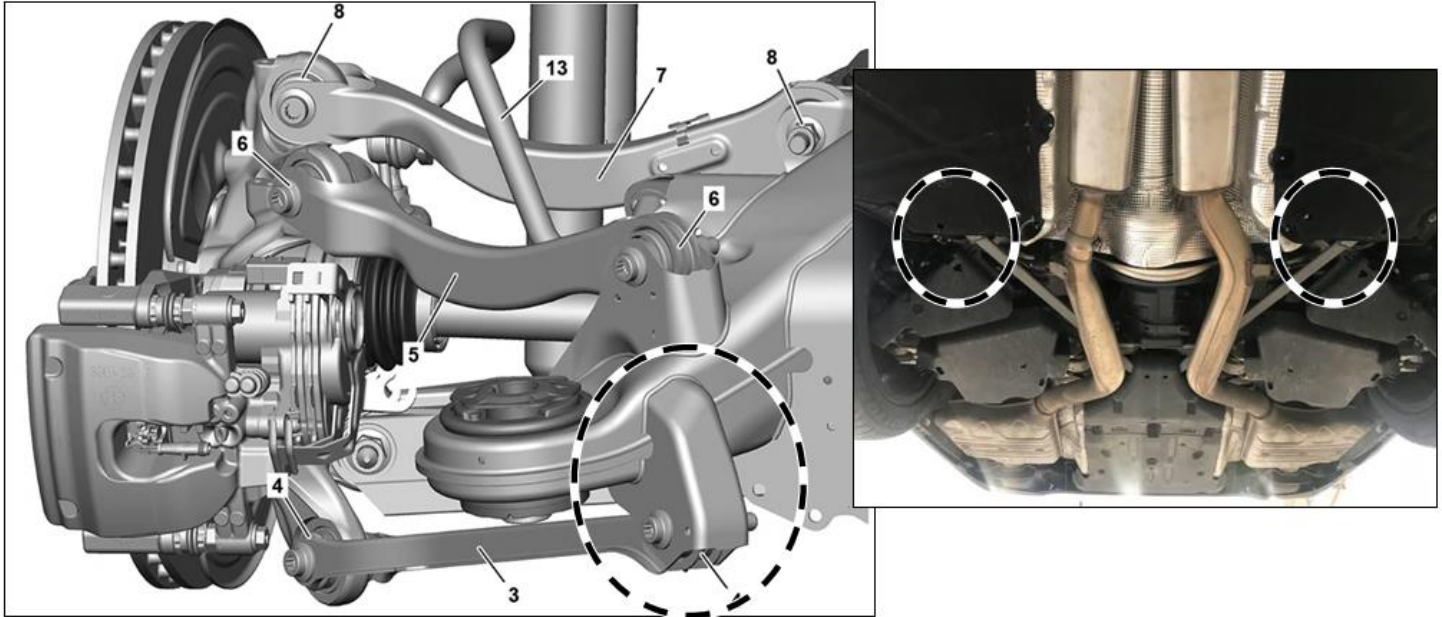


Figure 1

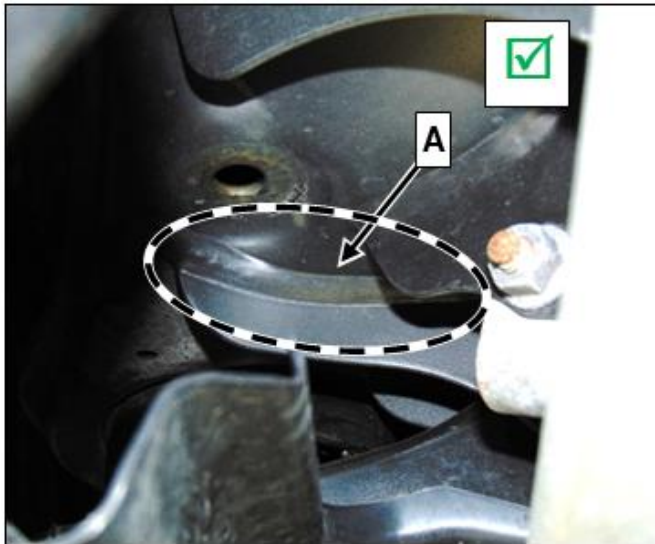


Figure 2

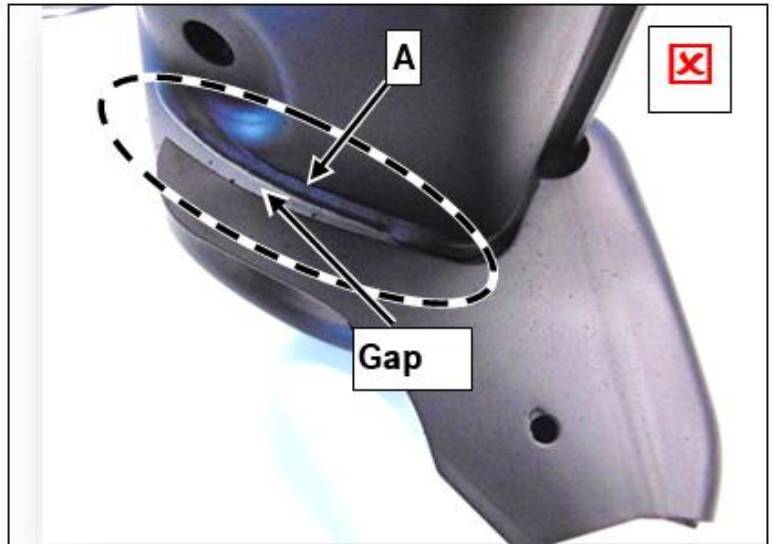


Figure 3

- 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).

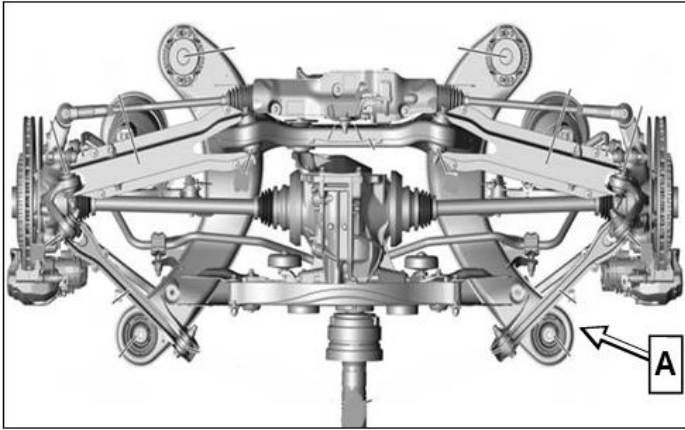


Figure 1 (Complete rear axle)

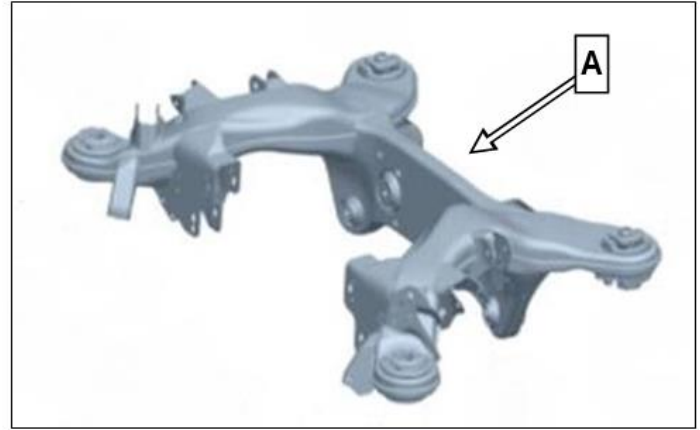


Figure 2 (Rear axle carrier)

- 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.