

Service Campaign Bulletin



Mercedes-Benz

Campaign No. 2017080001, October 2017

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Models 222, 217 Model Year 2017**
Rework Axle Floor Coating

Daimler AG ('DAG'), the manufacturer of Mercedes-Benz vehicles, has determined that in certain MY17 217, 222 (S-Class Coupe, S-Class) vehicles, It is possible that the coat thickness in the axle floor area near the axle mounts does not correspond to current production specifications. As a result, this may result in some abrasion between the coating of the axle mounts and other components, leading to premature wear and/or cracking of the coating. An authorized Mercedes-Benz dealer will check the axle floor area near the axle mounts and rework, if necessary.

Prior to performing this Service Campaign:

- Please check VMI to determine if the vehicle is involved in the Campaign and if it has been previously repaired.
- Please review the entire Service Campaign bulletin and follow the repair procedure exactly as described.

Approximately 336 vehicles are affected.

Order No. P-SC-2017080001

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

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Check

1. Remove rear axle (**AR35.10-P-0010LF**).



Note information on self-locking screws and nuts (**AH00.00-N-0001-01A**).



Hybrid vehicles: manually de-energize the high-voltage on-board electrical system.

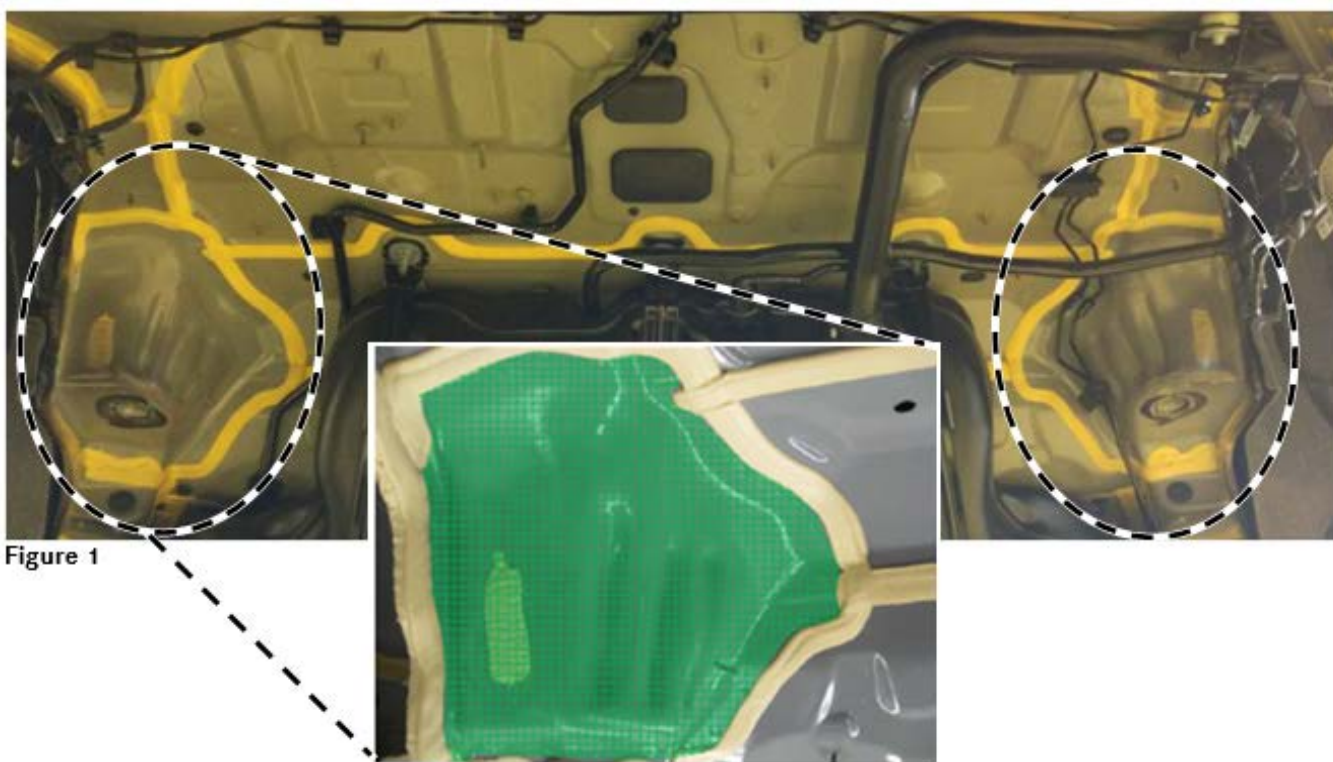
2. Clean the front mounts on the left and right (rear axle to frame floor assembly) and  check for paintwork damage (Figure 1).



The damaged area has been highlighted in green (Figure 1).



See (Figure 2) for paintwork damage.



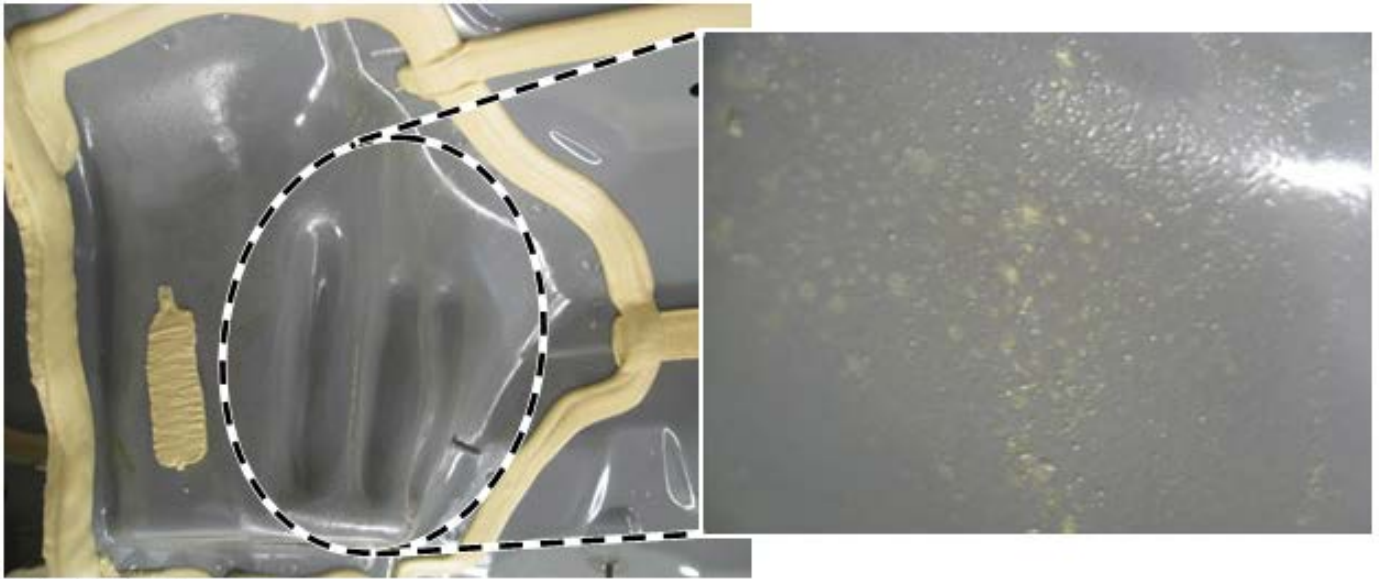


Figure 2 Not OK

- a. Paintwork damaged: carry out procedure.
- b. Paintwork not damaged: check complete.

Procedure

1. Completely sand down surfaces featuring paintwork damage (Figure 3).



Before sealing, the treated area must be dry, grease-free and clean.



Figure 3



Figure 4

2. Paint the damaged area using aerosol primer (A 000 986 32 53, Figure 4).



Note the flash-off time of 1 to 2 hours.



Figure 5



Figure 6

3. Protect the contact surface between rear axle and frame floor assembly using adhesive tape (Figure 5).
 Do not apply wax to this area.
4. Preserve the damaged area using underbody wax **A000 986 42 70 10** (Figure 6)
5. Install the rear axle in the reverse order of removal.
6. Install in the reverse order.

Primary Parts Information

Qty.	Part Name	Part Number	Estimated Replacement Rate
As required	Aerosol primer	A 000 986 32 50	50%
As required*	Underbody wax	A 000 986 42 70 10	50%
4	Rear axle mounting screw	A 005 990 57 00	100%
4	Rear axle stop plate screw	N 000 000 004 723	100%
2	Suspension strut nut	N 000 000 008 268	100%
2	Suspension strut screw	N 000 000 002 576	100%
4	Brake caliper screw	A 019 990 64 01	100%
2	Nut for bottom reinforcement	N 000 000 004 009	100%
6	Nut for bottom reinforcement	N 000 000 006 343	100%
4	Screw for spare wheel well bracket	A 001 990 400 364	100%
1	Screw for spare wheel well strut	N 000 000 003 275	100%
4	Screw for spare wheel well strut	N 910 105 008 005	100%
3	Propeller shaft nut	A 002 990 62 54	100%
2	Rpm sensor screw	N 000 000 007 701	100%
4	Strut on frame and bracket	A 004 990 30 12	100%
As required (2)	Left/right exhaust bracket (Maybach only)	A 002 990 86 03	100%

* Use 1 packaging unit for 10 vehicles.

i **Note:**

- Please be aware that only the part number(s) referenced in the Campaign Bulletin is/are approved for use to repair the vehicle. Repairs performed using any other part(s) will not have been performed in accordance with the campaign. Accordingly, warranty claims submitted with reference to an improper part number(s) will be denied.
- The following allowable labor operation should be used when submitting a warranty claim for this repair:

Warranty Information

Option 1 with check

Operation: Check coating of the front mounts on the left and right (rear axle to vehicle floor)

Includes: removing and installing rear axle (02-5114)

Manually de-energize/start up high-voltage on-board electrical system (HYBRID model 222) (02-5283)

Carry out wheel alignment measurement (after check) (02-5385)

Damage Code	Operation Number	Labor Time (hrs.)
35 940 47 7	02-5114	5.5
	02-5283	1.2
	02-5385	0.7

Option 2 with check and repair

Operation: Check coating of the front mounts on the left and right (rear axle to vehicle floor)

Includes: removing and installing rear axle (02-5114)

Rework coating of front mounts on left/right (rear axle to vehicle floor, after check) (02-5120)

Manually de-energize/start up high-voltage on-board electrical system (HYBRID model 222) (02-5283)

Carry out wheel alignment measurement (after check and repair) (02-5385)

Damage Code	Operation Number	Labor Time (hrs.)
35 940 47 7	02-5114	5.5
	02-5120	0.7
	02-5283	1.2
	02-5385	0.7

i **Note**

Operation Number labor times are subject to change.