

FILE: SERVICE: GROUP 00 OF SERVICE INFORMATION BINDER
PARTS: GROUP I OF INFORMATION _ PARTS & ACCESSORIES BINDER

Campaign No. 2008080004, September 2008

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Models 215, 216, 220, 221 and 230, Model Years 2001-2008**
Check Active Body Control Acceleration Sensors, Replace if Necessary

This Recall Campaign has been initiated because Daimler AG has determined that variations in the suppliers soldering process resulted in soldering points on the board of the ABC sensors which may not be within design tolerances. As a result, signals from affected sensors measuring the acceleration may not be accurately transmitted to the Active Body Control module. A variation in the transmitted values between affected and unaffected sensors can result in one front strut adjusting to a value indicating body movement while another strut does not adjust presenting the driver with an uneven front suspension. A warning will be shown in the instrument cluster if this result occurs. This condition may lead to unexpected body movements at the front axle which can adversely influence the vehicle's directional stability and could lead to a vehicle crash. The dealer will check the production date of the front active body control sensors and replace the front active body control sensor(s) if necessary.

Prior to performing this Recall 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 Recall Campaign bulletin and follow the repair procedure exactly as described.

Please note that Recall and Service Campaigns **do not expire** and may also be performed on a vehicle with a vehicle status indicator.

Approximately 4,579 vehicles are affected.

Order No. P-RC-2008080004

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.

Procedure

1. Check production date (A, Figure 1) at left and right acceleration sensor (Figure 1).



Figure 1

- If acceleration sensor **is** marked with any of the following production dates proceed to step 2:
06 W 20/06 W 21/06 W 22/06 W 23/06 W 24 or 06 W 42.
 - If acceleration sensor is **not** marked with the above production date the procedure is complete.
2. Replace acceleration sensor(s) and torque screws to 5 Nm.

Primary Parts Information

Qty.	Part Name	Part Number	Estimated Replacement Rate
1 or 2 (if required)	Acceleration sensor	A 004 542 35 18 05	80%

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**Repair 1**

Operation: Check both Active Body Control (ABC) acceleration sensors (02-5963)

Damage Code	Operation Number	Labor Time (hrs.)	Model Indicator(s)
32 950 22 8	02-5963	0.1	AA, AB, AC, DA, DB, DC, J3, N1, N2, N4, N5, M1, M4, M8, M9, R1, R2, R3, R4, R5, R6, R7,

Repair 2

Operation: Check both Active Body Control (ABC) acceleration sensors (02-5963)
Replace Active Body Control (ABC) acceleration sensor (1) (02-5964)

Damage Code	Operation Number	Labor Time (hrs.)	Model Indicator(s)
32 950 22 7	02-5963	0.1	AA, AB, AC, DA, DB, DC, J3, N1, N2, N4, N5, M1, M4, M8, M9, R1, R2, R3, R4, R5, R6, R7,
	02-5964	0.1	

Repair 3

Operation: Check both Active Body Control (ABC) acceleration sensors (02-5963)
Replace both Active Body Control (ABC) acceleration sensors (02-5965)

Damage Code	Operation Number	Labor Time (hrs.)	Model Indicator(s)
32 950 22 7	02-5963	0.1	AA, AB, AC, DA, DB, DC, J3, N1, N2, N4, N5, M1, M4, M8, M9, R1, R2, R3, R4, R5, R6, R7,
	02-5965	0.2	

NOTE REGARDING CUSTOMER REIMBURSEMENT

Reimbursement to customers for repairs performed prior to this recall:

If the customer already paid to have this recall campaign condition repaired and provides adequate documentation to support their claim of a non-warranty repair of this item, they may be eligible to receive reimbursement.

Requests for reimbursement may include parts, labor, fees and taxes.

Reimbursement is limited to the amount the repair of the ABC acceleration sensors would have cost if completed by an authorized Mercedes-Benz dealer under this campaign.

Submit a warranty claim, utilizing Damage Code 32950228 as a sublet, utilizing the sublet code of "SUB." Sublet repairs require dealer text as stated in the Warranty Policies and Procedures Manual. Repair date should be the date that the customer paid for the repair.

Note:

Please note the claim submitted for customer reimbursement will **not** close the campaign (if still open). If the customer is still in possession of the vehicle with an open campaign, please arrange to close the campaign in the usual manner as described in this bulletin.



Mercedes-Benz

Mercedes-Benz USA, LLC

Alan J. McLaren
Vice President
Customer Services

Safety Recall #2008-080004

September, 2008

Dear Mercedes-Benz Owner,

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Daimler AG (DAG), the manufacturer of Mercedes-Benz vehicles, has decided that a defect which relates to motor vehicle safety exists in certain Model Year 2001 - 2008 CL, Model Year 2003 - 2007 SL, and Model Year 2002 - 2007 S-Class vehicles with regard to the Active Body Control (ABC) sensors. Mercedes-Benz USA, LLC (MBUSA) therefore has initiated a recall of these vehicles. Our records indicate that your vehicle is included in the affected population of vehicles.

WE SENT YOU THIS NOTICE BECAUSE WE ARE CONCERNED ABOUT YOUR SAFETY.

Vehicles with Active Body Control (ABC) are equipped with acceleration sensors on the front struts. These sensors measure acceleration around the z-axis of the vehicle and assure an automatic adaptation of the front struts to maintain a relatively level body position. Daimler AG (DAG) has determined that variations in the suppliers soldering process resulted in soldering points on the board of the ABC sensors which may not be within design tolerances. As a result, signals from affected sensors measuring the acceleration may not be accurately transmitted to the Active Body Control Module. A variation in the transmitted values between affected and unaffected sensors can result in one front strut adjusting to a value indicating body movement while another strut does not adjust presenting the driver with an uneven front suspension. A warning will be shown in the instrument cluster if this result occurs. This condition may lead to unexpected body movements at the front axle which can adversely influence the vehicle's directional stability and could lead to a vehicle crash.

Your authorized Mercedes-Benz dealer can check and replace, if necessary, the front ABC sensors in all potentially affected vehicles. This service will be provided free of charge. The working time required is approximately 1 hour. As a matter of normal service process, your authorized Mercedes-Benz dealer will also check for other repair measures which might be applicable to your vehicle and this may increase the required working time. Please contact your authorized Mercedes-Benz dealer for additional information and to schedule an appointment at your earliest convenience. Please mention Recall Campaign #2008-080004.

If you are no longer the vehicle owner, or have a change of address, please complete the reverse side of this letter and return the complete letter in the enclosed envelope. If this is a leased vehicle and the lessor and registered owner receive this notice, please forward this information by first class mail to the lessee. If you have paid to have this recall condition corrected prior to this notice you may be eligible to receive reimbursement. Please see the reverse side of this notice for details.

Please contact your authorized Mercedes-Benz dealer should you have any questions or encounter any difficulty regarding this recall. If your dealer is unable to remedy your situation please contact us at 1-(800) FOR-MERcedes (1-800-367-6372).

If an authorized Mercedes-Benz dealer or Mercedes-Benz USA, LLC, fails or is unable to perform this service without charge within 60 days, pursuant to law 49 U.S.C. Chapter 301, you may submit a complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, S.E., Washington, D.C. 20590 or call the toll-free Auto Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153); or go to <http://www.safercar.gov>.

We apologize for any inconvenience this situation may cause you.

Sincerely,

Mercedes-Benz USA, LLC
One Mercedes Drive
P.O. Box 350
Montvale, NJ 07645-0350
Phone 1-800-FOR-MERcedes (1-800-367-6372)
Fax (201) 476-6211
www.MBUSA.com



IMPORTANT

IF FOR ANY REASON YOU DO NOT NOW OWN THIS VEHICLE OR HAVE A CHANGE OF ADDRESS, PLEASE COMPLETE THE SECTION BELOW, PLACE IN THE ENCLOSED ENVELOPE, AND DROP IN ANY MAIL BOX. IF POSSIBLE, PROVIDE THE NAME AND ADDRESS OF THE PRESENT OWNER SO THAT WE MAY CONTACT THEM.

- SCRAPPED**
- STOLEN**
- OTHER** _____
- SOLD** **I HAVE SOLD THE VEHICLE TO:** _____
- MY NEW ADDRESS IS:** _____

NAME _____

STREET _____ **APT.** _____

CITY _____ **STATE** _____ **ZIP** _____

PHONE _____

THANK YOU FOR YOUR COOPERATION

****** PLEASE DO NOT DETACH. RETURN COMPLETE LETTER ****
DO NOT USE THE ENCLOSED ENVELOPE FOR OTHER CORRESPONDENCE**

Reimbursement to Customers for Repairs Performed Prior to Recall

If you have already paid to have this recall condition corrected you may be eligible to receive reimbursement.

Requests for reimbursement may include parts, labor, fees and taxes. Reimbursement may be limited to the amount the repair would have cost if completed by an authorized Mercedes-Benz dealer. The following documentation must be presented to your dealer for reimbursement.

Original or clear copy of all receipts, invoices and/or repair orders that show:

- **The name and address of the person who paid for the repair.**
- **The Vehicle Identification Number (VIN) of the vehicle that was repaired.**
- **What problem occurred, what repair was done, when it was done and who repaired it.**
- **The total cost of the repair expense that is being claimed.**
- **Proof of payment of repair (copy of front and back of cancelled check, or copy of credit card receipt).**
- **Reimbursement will be made by check from your dealer. If your claim is denied you will receive a letter from MBUSA within 60 days of receipt with the reason(s) for the denial.**

Please speak with your dealer concerning this matter.