



Mercedes-Benz

Mercedes-Benz USA, LLC

A DaimlerChrysler Company

VIA CERTIFIED MAIL

February 1, 2007

National Highway Traffic Safety Administration
Office of Defect Investigation
Attention: George Person, Chief Recall Management Division NVS 215
1200 New Jersey Avenue, S.E.
Washington, D.C. 20590

Re: 49 CFR Part 573; Recall of Mercedes-Benz M-Class (164), GL-Class (164.8), E-Class (211) and R-Class (251) Crankshaft position sensor.

Dear Mr. Person:

Pursuant to 49 CFR Part 573.6(c)(10), this letter contains 2 documents that were communicated to our dealers on the above subject and will be submitted in the Mercedes-Benz USA, LLC (MBUSA) regular monthly mailing for the month of February, 2008.

Manufacturer's Campaign Identification Number
2008010005

NHTSA Recall Number
08V-006

Should you have any questions, please do not hesitate to contact me at 201-573-2719.

Sincerely,

Gary H. Bowne
Department Manager, Product Compliance, Analysis Safety and Emissions

GB:sk

Enclosure



MERCEDES-BENZ USA, LLC

One Mercedes Drive, P.O. Box 350, Montvale, NJ 07645-0350
Phone (201) 573-0600
Fax (201) 573-0117
MBUSA.com



Mercedes-Benz

To: Mercedes-Benz Dealer Principals, General Managers, Sales Managers, Service Managers, Parts Managers

From: Gary Bowne; Department Manager; Product Compliance, Analysis, Safety and Emissions; Engineering Services

Date: February 1, 2008

**Re: Recall Campaign 2008 010005- Replace Crankshaft Position Sensor,
Model 164, 164.8, 211, 251 with Diesel Engine OM642 , Model Years 2006 - 2008**

On December 19, 2007 the National Highway Traffic Safety Administration (NHTSA) was notified that Mercedes-Benz USA, LLC will conduct a voluntary Recall Campaign on certain model year 2006 - 2008 M-Class (164), GL-Class (164.8), E-Class (211), and R-Class (251) vehicles with diesel engine OM642 with regard to the crankshaft position sensor.

Daimler AG (DAG), the manufacturer of Mercedes-Benz vehicles, has determined that the crankshaft position sensor in certain diesel engines could fail due to separation of bond wires from the lead frame in the sensor. This results in an interruption in the electrical connection in the chip housing of the sensor. When this happens, affected vehicles will lose all engine power rather than enter a limp-home mode. In addition, the affected vehicles cannot be restarted after failure of the electrical connection in the sensor. This situation may result in stalling on the highway without the ability to restart and move the vehicle. Mercedes-Benz USA, LLC (MBUSA) therefore has initiated a recall of these vehicles.

The Recall Campaign is being launched today and affects approximately 8,524 vehicles in the U.S. Dealers will replace the crankshaft position sensors in all affected subject vehicles.

The repair time for this campaign is 0.5 hours - 0.6 hours depending on the model.

Owner notification will to be sent the week of February 4, 2008.

When scheduling customers for an appointment please ensure that you are aware of any open campaigns in VMI so that the customer is advised about the time necessary to complete all campaigns.

The crankshaft position sensor replacement rate is 100%. An initial allotment of parts will be sent to each dealer by the launch date. Dealers may order additional crankshaft position sensors as required.

A copy of the campaign bulletin is attached, and may also be found on StarTekInfo.

Note: Please check VMI to determine if a vehicle is involved in this campaign. VMI must always be checked before performing campaigns to verify that the campaign is required on a specific vehicle.

Dealers may also identify vehicles subject to a campaign through **NetStar** by selecting "Campaign" under the Controlling tab. Only vehicles that have been retailed by the respective dealer will be displayed within this program.

While we regret any inconvenience this causes, Mercedes-Benz USA, LLC 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 (1-800-367-6372).

S
service

Recall Campaign Bulletin

Recall Campaign Bulletin

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

Campaign No. 2008010005, February 2008

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **MODELS 164, 164.8, 211, 251 WITH DIESEL ENGINE OM 642**
MODEL YEARS 2006 - 2008
REPLACE CRANKSHAFT POSITION SENSOR

This Recall Campaign has been initiated because DAG has determined that the crankshaft position sensor in certain diesel engines could fail due to separation of bond wires from the lead frame in the sensor. This results in an interruption in the electrical connection in the chip housing of the sensor. When this happens, affected vehicles will lose all engine power rather than enter a limp-home mode. In addition, the affected vehicles cannot be restarted after failure of the electrical connection in the sensor. This situation may result in stalling on the highway without the ability to restart and move the vehicle. Dealers will replace the crankshaft position sensors in all affected subject vehicles.

Attached is a sample copy of a letter which owners of the affected vehicles will receive.

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 procedure steps 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 8,524 vehicles are involved.

Order No. S-RC-2008010005

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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Procedure

1. Replace crankshaft position sensor on models 164, 164.8, 251; refer to WIS: AR15.12-P-2133GZB.
2. Replace crankshaft position sensor on model 211, refer to WIS: AR15.12-P-2133TI.

Note (regarding above WIS instructions):

- On Model 211 remove only rear section of lower engine cover.
- No fault codes are generated with the replacement of the crankshaft position sensor. It is not necessary to read out/erase fault memory.

Primary Parts Information

Qty.	Part Name	Part Number	Estimated Replacement Rate
1	Crankshaft position sensor	A 642 153 07 28 05	100%

Note:

- Please be aware that only the part number(s) referenced in the Campaign Bulletin is 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

Operation: Replace Crankshaft Position Sensor (02-5900)

Damage Code	Operation Number	Labor Time (hrs.)	Model Indicator(s)
15 930 34 7	02-5900	0.5	BD
		0.6	EB, TC, Z4



Mercedes-Benz

Mercedes-Benz USA, LLC

Alan McLaren
Vice President, Customer Services

Recall Campaign #2008-010005

February, 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 2006 - 2008 ML, GL, R, and E-Class vehicles with regard to the crankshaft position sensor. 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.

DAG has determined that the crankshaft position sensor in certain diesel engines could fail due to separation of bond wires from the lead frame in the sensor. This results in an interruption in the electrical connection in the chip housing of the sensor. When this happens, affected vehicles will lose all engine power rather than enter a limp-home mode. In addition, the affected vehicles cannot be restarted after failure of the electrical connection in the sensor. This situation may result in stalling on the highway without the ability to restart and move the vehicle.

Your authorized Mercedes-Benz dealer has replacement crankshaft position sensors available that it will install in your vehicle to correct the situation described above. This service will be provided free of charge. The working time required is approximately 2 hours. 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 #2008-010005.

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,

