



U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

1200 New Jersey Avenue SE
Washington, DC 20590

January 9, 2008

MR. FRANK DIERTL
GENERAL MANAGER, ENGINEERING SERVICES
MERCEDES-BENZ USA, LLC
PO BOX 350
MONTVALE, NJ 07645-0350

NVS-215paw
08V-006

Subject: CRANKSHAFT SENSOR/ENGINE STALL

Dear MR. DIERTL:

This letter serves to acknowledge Mercedes-Benz USA, LLC's notification to the National Highway Traffic Safety Administration (NHTSA) of a safety defect in the products described below for which a safety recall campaign shall be conducted pursuant to 49 U.S.C. § 30119.

Please review the following information to ensure that it conforms to your records as this information is being made available to the public. If the information does not agree with your records, please contact us immediately to discuss your concerns.

Makes/Models/Model Years:

MERCEDES BENZ/E211/2007
MERCEDES BENZ/GLX164/2007
MERCEDES BENZ/M164/2007
MERCEDES BENZ/R251/2007

NHTSA Campaign Number: 08V-006

Mfg's Report Date: December 19, 2007

Components: ENGINE AND ENGINE COOLING: ENGINE: DIESEL

Potential Number of Units Affected: 9,004

Summary:

ON CERTAIN PASSENGER VEHICLES EQUIPPED WITH DIESEL ENGINES, THE CRANKSHAFT SENSOR 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.

Consequence:

WHEN THIS HAPPENS, THE VEHICLE MAY LOSE POWER RATHER THAN ENTER A LIMP-HOME MODE. IN ADDITION, THE VEHICLE CANNOT BE RESTARTED AFTER FAILURE OF THE ELECTRICAL CONNECTION IN THE SENSOR, INCREASING THE RISK OF A CRASH.

Remedy:

DEALERS WILL REPLACE THE CRANKSHAFT SENSOR. THE RECALL IS EXPECTED TO BEGIN DURING FEBRUARY 2008. OWNERS MAY CONTACT MERCEDES-BENZ AT 1-800-367-6372.

Notes:

CUSTOMERS MAY ALSO CONTACT THE NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION'S VEHICLE SAFETY HOTLINE AT 1-888-327-4236 (TTY 1-800-424-9153), OR GO TO [HTTP://WWW.SAFERCAR.GOV](http://www.safercar.gov).

The information in your defect report appears to satisfy the requirements of 49 CFR 573.6 except for the following items:

You are required to submit a draft owner notification letter to this office no less than five days prior to mailing it to the customers. Also, copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, including a copy of the final owner notification letter and any subsequent owner follow-up notification letter(s), are required to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

As stated in Part 573.7, submission of the first of six consecutive quarterly status reports is required within one month after the close of the calendar quarter in which notification to purchasers occurs. Therefore, the first quarterly report will be due on or before 30 days after the close of the calendar quarter.

Your contacts for this recall will be Pat Wallace or Delia Lopez, who may be reached by phone at 202-366-5232 or 202-366-9525 or by email at Patricia.wallace@dot.gov, Delia.lopez@dot.gov, or through the office email at RMD.ODI@dot.gov. We look forward to working with you for successful completion of this recall campaign.

Sincerely,

A handwritten signature in cursive script that reads "Patricia Wallace for".

George H. Person
Chief, Recall Management Division
Office of Defects Investigation
Enforcement