

# Service Campaign Bulletin

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

Campaign No. 2005060008, January 2006

## Revision History

Revision	Date	Purpose
B	01/27/06	Model 211 affected model year change from 2003-2005 to 2003-2006
A	08/29/05	Breakdown of parts information into primary and secondary parts; addition of estimated replacement rates
-	08/01/05	Initial issue

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **MODEL 211, MODEL YEARS 2003-2006**  
**MODEL 219, MODEL YEAR 2006**  
**PROGRAMMING BATTERY CONTROL MODULE**

This Service Campaign has been initiated because DCAG has determined that on the affected vehicles (see VIN range below) implausible or illogical messages can appear in the instrument cluster which will result in certain electrical consumers being shut down. This is caused by the battery control unit erroneously evaluating the battery charge level as good when the actual charge level may be insufficient.

Please review the Effective Serial Number chart located below and if necessary repair the subject vehicles during the vehicle's next service.

Prior to performing this Service Campaign:

- Please check VMI to insure the vehicle is involved and to determine if the vehicle has been previously repaired.
- Please review the entire Service Campaign bulletin.

Approximately 152,949 vehicles are affected.

Order No. P-SC-2005060008

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.

**Effective Serial Number Range**

<b>Models</b>	<b>Chassis End Number</b>	
	<b>From</b>	<b>To</b>
211.006	A086421	A601974
211.016	A200763	A749546
211.026	A178744	A756955
211.026	A273079	A273079
211.042	A679184	A679184
211.056	A708977	A756979
211.061	A056822	A056822
211.061	A461620	A461620
211.065	A014562	A418838
211.070	A042945	A756973
211.070	A400339	A607461
211.076	A136286	A756990
211.082	X108074	X180208
211.083	X108399	X181693
211.087	X177825	X181700
211.206	A465748	A577987
211.216	A606738	A606738
211.226	A702004	A720233
211.242	A427785	A427785
211.256	A710773	A756916
211.261	A407369	A450439
211.265	A307691	A732056
211.270	A307815	A387669
211.276	A715663	A756602
211.282	X108182	X178465
211.283	X108624	X181673
211.287	X174229	X181683
219.375	A000205	A016000
219.376	A007370	A015997

## Procedure

1. Connect battery charger to vehicle's battery:

### CAUTION!

Battery charger **must** be connected to vehicle's battery to ensure battery voltage of > 12.5 V or battery control module may become inoperable during programming.

- Models 211.0/219 refer to WIS: AR54.10-P-1130T, step 3.1

#### Note:

- Negative cable of battery charger **must** be connected at the bolt-on point (body ground) for the battery control module and must **not** be connected directly to the battery terminal.
- Model 211.2: Battery charger cables **must be** connected at the jump-starting point in the engine compartment (refer to vehicle Operator's Manual) and must **not** be directly connected to the battery terminals.

2. Switch ignition **ON**.

3. Connect STAR DIAGNOSIS to the vehicle using the 16-pin diagnostic connector (X11/4).

#### Note:

- The DAS steps **must be** followed exactly as described in this Procedure!
- Before performing the Procedure, ensure that the DAS version 05/05 or later is installed on SDS.

### CAUTION!

If programming is aborted, the battery control module will become inoperable.

4. Navigate through the following menu items to select the battery control unit (module):  
"Control units/Body/Battery control unit".
5. After the "Battery control unit" menu item has been selected DAS checks whether the battery control unit has to be programmed.
  - If DAS indicates that the control unit has to be programmed, continue with the F3 "YES" key.
  - If it does not need to be programmed, the "Standard control unit menu selection" for the "Battery control unit" is displayed. In this case, continue with step 7.
6. Program "Battery control unit".

#### Note:

- If "SDflash release directory" is requested, the hard drive as well as the DVD drive can be selected (flash software is identical in both directories).
- If Battery control unit becomes inoperable due to **normal** programming procedures, replace battery control unit and re-flash control unit if necessary.
  - Battery control unit replacement for Models 211.0- Refer to WIS: AR54.21-P-0100T
  - Battery control unit replacement for Models 211.2- Refer to WIS: AR54.21-P-0100TA
  - Battery control unit replacement for Models 219.3- Refer to WIS: AR54.21-P-0100TX

7. Disconnect STAR DIAGNOSIS from the vehicle using the 16-pin diagnostic connector (X11/4).

**Primary Parts Information**

Qty.	Part Name	Part Number	Estimated Replacement Rate
None			

**NOTE:**

**THE FOLLOWING SECONDARY PART(S) IS/ARE NOT TO BE ORDERED IN EQUAL QUANTITIES AS THE PRIMARY PART(S). THEREFORE DO NOT PACKAGE OR KIT CAMPAIGN PARTS TOGETHER SINCE NOT ALL VEHICLES WILL REQUIRE THESE PARTS.**

**Secondary Parts Information**

Qty.	Part Name	Part Number	Estimated Replacement Rate
1	Battery Control Unit (Model 211.0, 219.3)	A 211 540 38 45	3%
1	Battery Control Unit (Model 211.2)	A 211 540 69 45	3%

**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(No programming needed)**

**Operation:** Diagnosis assistance system (DAS), connect & disconnect (02-4762)

Damage Code	Operation Number	Labor Time (hrs.)	Model Indicator(s)
54 980 31 8	02-4762	0.2 hrs.	T1, T2, T3, T4, T5, T6, T7, T8, U1, U3, U4, U5, U6, U7, Y1, Y2

**Repair 2 (Program battery control unit)**

**Operation:** Diagnosis assistance system (DAS), connect & disconnect (02-4762)

Battery control unit, program (02-4763)

Damage Code	Operation Number	Labor Time (hrs.)	Model Indicator(s)
54 980 31 8	02-4762	0.2 hrs.	T1, T2, T3, T4, T5, T6, T7, T8, U1, U3, U4, U5, U6, U7, Y1, Y2
	02-4763	0.1 hrs.	T1, T2, T3, T4, T5, T6, T7, T8, U1, U3, U4, U5, U6, U7, Y1, Y2

**Repair 3 (Program and replace battery control unit)  
(Model 211 up to VIN A488705 or X121479)(Model 219)**

**Operation:** Diagnosis assistance system (DAS), connect & disconnect (02-4762)  
 Battery control unit, program (02-4763)  
 Control unit - battery (after test), replace (54-2300)

Damage Code	Operation Number	Labor Time (hrs.)	Model Indicator(s)
54 980 31 7	02-4762	0.2 hrs.	T1, T2, T3, T4, T5, U1, U3, U4, Y1, Y2
	02-4763	0.1 hrs.	T1, T2, T3, T4, T5, U1, U3, U4, Y1, Y2
	54-2300	0.5 hrs.	Y1, Y2
	54-2300	0.6 hrs.	T1, T2, T3, T4, T5
	54-2300	0.8 hrs.	U1, U3, U4

**Repair 4 (Program and replace battery control unit)  
(Model 211 beginning VIN A488706 or X121480)**

**Operation:** Diagnosis assistance system (DAS), connect & disconnect (02-4762)  
 Battery control unit, program (02-4763)  
 Cont. unit – battery (after test), repl (54-2310)  
 (As of 211 beginning VIN A488706 and X121480)

Damage Code	Operation Number	Labor Time (hrs.)	Model Indicator(s)
54 980 31 7	02-4762	0.2 hrs.	T1, T2, T3, T4, T5, T6, T7, T8, U1, U3, U4, U5, U6, U7
	02-4763	0.1 hrs.	T1, T2, T3, T4, T5, T6, T7, T8, U1, U3, U4, U5, U6, U7
	54-2310	0.5 hrs.	T1, T2, T3, T4, T5, T6, T7, T8
	54-2310	0.7 hrs.	U1, U3, U4, U5, U6, U7