

Service Campaign Bulletin

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

Campaign No. 2006110005, August 2008

Revision History

Revision	Date	Purpose
C	8/17/08	Navi DVD part numbers updated, note added and revised in parts information
B	12/01/06	Updates to work instructions
A	11/22/06	Update to Navigation DVD version checking procedure
-	11/17/06	Initial issue

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **MODELS 164, 171, 203, 209, 211, 215, 219, 220, 221, 230, 251, X164**
MODEL YEAR 2005-2007
INSTALL SOFTWARE FOR NAVIGATION SYSTEM

This Service Campaign has been initiated because DCAG has determined that certain affected vehicles (see VIN range on the following pages) may have an earlier version navigation disc installed than that specified. This could in some cases lead to navigation directions based upon non updated map data. Dealers will update the navigation disc in the affected vehicles as required.

Please review the Effective Serial Number chart located on the following pages, 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 12,559 vehicles are affected.

Order No. S-SC-2006110005

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

Models	Chassis End Number	
	From	To
164.175	A000539	A156676
164.177	A151955	A156381
164.186	A000594	A156693
164.871	A088179	A156685
171.454	F060328	F112501
171.456	F021913	F111751
171.473	F093406	F110523
203.040	F697636	F717652
203.052	A831148	A874161
	F743448	F782533
	E019681	E019681
203.054	A814018	A879751
	F728536	F782950
203.056	F714257	F779148
203.061	F688032	F688032
203.064	F570202	F598320
203.076	F600778	F779785
203.087	F737677	F783985
203.092	F740688	F783675
203.281	F584983	F613568
209.356	F167939	F202999
209.365	F126048	F126048
209.375	F125381	F200002
209.376	F129939	F147660
209.456	F170212	F204002
	T055809	T073452
209.465	T050544	T053177
209.475	F162710	F183784
	T045550	T073583
209.476	T042368	T072382
211.026	A774933	A915894
211.056	A722882	A921544
211.065	A709523	A709523
211.070	A641798	A915419
211.076	A673219	A920985
211.083	X186331	X200670
211.087	X180750	X200891
211.256	A719154	A885367
211.276	A737762	A870148

211.283	X187775	X201277
211.287	X177828	X200849
215.374	A044210	A047646
215.375	A044757	A047759
215.376	A044766	A047444
215.379	A045012	A047612
219.375	A011011	A063288
219.376	A048211	A063900
220.067	A472202	A483697
220.170	A462097	A484598
220.174	A440146	A479947
220.175	A431938	A484051
220.176	A459188	A481327
220.179	A463828	A484010
220.183	A461378	A483205
220.184	A437690	A483713
221.171	A002624	A100038
221.176	A022878	A099920
221.179	A067424	A099727
221.186	A083850	A100125
230.474	F097894	F116921
230.475	F106489	F117243
230.476	F102036	F116187
230.479	F110451	F116838
251.165	A039569	A041813
251.175	A039566	A041581
251.177	A040499	A041244

Note:

Every vehicle in the VIN range may not be included in the campaign. VMI must always be checked before performing campaigns to verify that the campaign is required on a specific vehicle. VMI **always** overrides the bulletin in reference to a specific vehicle's inclusion in a particular campaign. Please also note that Recall and Service Campaigns **do not expire** and may also be performed on a vehicle with a vehicle status indicator.

Procedure

A. MODELS 171, 211, 215, 219, 220, 230: CHECK VERSION OF NAVIGATION DVD AND UPDATE NAVIGATION SYSTEM IF NECESSARY

Note: It is not necessary to connect Star Diagnosis to perform this procedure.

1. Check part number of Navigation DVD in vehicle.

Note: On these models the Navigation module is located in the trunk.

- Press Eject button on Navigation module.
- Visually check part number on DVD label.

2. Perform one of the following.

- If part number is **BQ 646 0232**: Reinsert DVD into Navigation module; this campaign has been completed.
- If part number is not the above number: Proceed to next step to update Navigation system.

NOTE: You must obtain Navigation DVD BQ 646 0232 (or newer) by calling Navteq at **866 MB4 AMAP (866 624 2627). Navteq does not require the VIN for these vehicles.**

3. Start vehicle and keep it running for duration of update process.

4. Eject old Navigation DVD from module if present.

5. Use new Navigation DVD to update Navigation system.

- Insert new Navigation DVD into Navigation module.

Note: The DVD is automatically detected and the update process starts.

- Shut off vehicle upon completion of the update process.

Note: The Navigation DVD must remain inside the module from this point forward in order for the Navigation system to operate correctly.

6. Ensure navigation system is functioning correctly after update.

Note: The replaced Navigation DVD for the above models must be returned to Navteq through the standard process.

B. MODELS 164, 203, 209, 251, X164: CHECK VERSION OF NAVIGATION DVD AND UPDATE NAVIGATION SYSTEM IF NECESSARY

Note:

It is not necessary to connect Star Diagnosis to perform this procedure.

1. Check part number of Navigation DVD in vehicle.

Note:

On these models the Navigation drive is located inside the head unit.

- Press Eject button on head unit to eject DVD from "Navigation" slot.
 - Visually check part number on DVD label.
2. Perform one of the following.
 - If part number is **BQ 646 0226**: Reinsert DVD into Navigation drive; this campaign has been completed.
 - If part number is not the above number: Proceed to next step to update Navigation system.

NOTE:

You must obtain Navigation DVD BQ 646 0226 (or newer) by calling Navteq at [866 MB4 AMAP \(866 624 2627\)](tel:866MB4AMAP). Navteq does not require the VIN for these vehicles.

3. Start vehicle and keep it running for duration of update process.
4. Eject old Navigation DVD from drive if present.
5. Use new Navigation DVD to update Navigation system.
 - Insert new Navigation DVD into Navigation drive.

Note: The DVD is automatically detected and the update process starts.
 - Shut off vehicle upon completion of the update process.

Note: The Navigation DVD must remain inside the drive from this point forward in order for the Navigation system to operate correctly.
6. Ensure navigation system is functioning correctly after update.

Note: The replaced Navigation DVD for the above models must be returned to Navteq through the standard process.

C. UPDATE NAVIGATION SYSTEM (MODEL 221 ONLY)

NOTE:

You must obtain the correct DVD per VIN by filling out the form on page 8 and either fax to Navteq at: [888 329 4223](tel:8883294223) or scan and email at: mbmaps@navteq.com. For reliability, we encourage you to fax in the form. The DVD will be sequentially numbered according to the VIN you provide in the form. If you have more than one vehicle listed in the campaign in your dealership, please submit multiple VINS in a single form, Navteq will mail you one DVD per VIN entered.

Note:

Prior to starting procedure ensure to:

- Connect battery charger and turn OFF ignition and all electrical consumers
- Turn ignition key to second position
- Follow the order of steps exactly as outlined below

1. Power on head unit.

CAUTION!

Ensure that slot #1 in the DVD changer is empty prior to inserting the Navigation DVD.

2. Press Button 1 of the DVD changer (A, Figure 1) and insert the Navigation DVD BQ 646 0233 into the changer (B).
3. Press COMAND controller to confirm the "Disc Drive Audio Format Unknown" message.

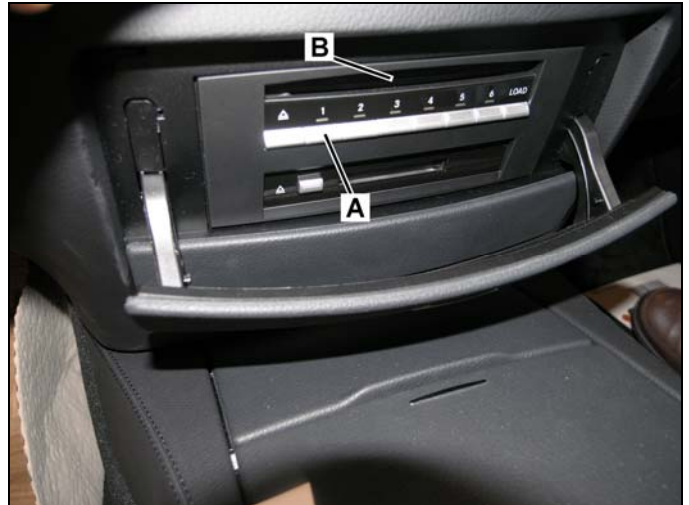


Figure 1

4. Press COMAND controller to confirm the "Proceed with Update" message.

Note: The update process takes approximately 30 minutes to complete. The technician is not required to be present during the process and may perform other tasks while the process is running. The update process run time is not included in the labor time paid under this Service Campaign.

5. Press COMAND controller to acknowledge completion of update process.
6. Press Button 1 to eject Navigation DVD and place it in DVD case.
7. Ensure navigation system is functioning correctly after update.

Note: This Navigation DVD is property of MBUSA; it must remain with the vehicle/customer after the update process has been completed. Reproduction is prohibited!

Parts Information

Qty.	Part Name	Models	Part Number	Estimated Replacement Rate
1	Navigation DVD	221	BQ 646 0233	100%
		164, 203, 209, 251, X164	BQ 646 0226	90%
		171, 211, 215, 219, 220, 230	BQ 646 0232	

Note:

- Due to the multiple Navigation DVD released annually, there may be a newer Navi DVD version than the one referenced in this Campaign Bulletin. Please use the latest Navigation DVD available from Navteq. MUBSA will update this bulletin to reflect latest Navi DVD part numbers as they become available.
- Repairs performed using any other part(s) than the ones in this Bulletin 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 (All models except 221 – Check only)**

Operation: Navigation-DVD, Check/Update if Necessary (02-5539)

Damage Code	Operation Number	Labor Time (hrs.)	Model Indicator(s)
82 981 38 8	02-5539	0.1	BA, BB, BC, EA, J2, J3, M1, M2, M6, M7, M8, M9, N1, N4, N5, N6, P1, P2, P9, Q3, Q5, Q6, Q7, Q8, Q9, QA, R1, R2, R3, R4, S1, S2, S3, S4, S5, S6, S7, S8, T1, T2, T3, T5, T6, T7, T8, U3, U5, U6, U7, X1, X2, X3, Y1, Y2, Z1, Z2, Z3

Repair 2 (All models except 221 – Check and update)

Operation: Navigation-DVD, Check/Update if Necessary (02-5539)

Damage Code	Operation Number	Labor Time (hrs.)	Model Indicator(s)
82 981 38 7	02-5539	0.1	BA, BB, BC, EA, J2, J3, M1, M2, M6, M7, M8, M9, N1, N4, N5, N6, P1, P2, P9, Q3, Q5, Q6, Q7, Q8, Q9, QA, R1, R2, R3, R4, S1, S2, S3, S4, S5, S6, S7, S8, T1, T2, T3, T5, T6, T7, T8, U3, U5, U6, U7, X1, X2, X3, Y1, Y2, Z1, Z2, Z3

Repair 3 (Model 221)

Operation: Battery Charger, Connect (02-5058)

Map Software for Navigation System, Update (02-5540)

Damage Code	Operation Number	Labor Time (hrs.)	Model Indicator(s)
82 981 38 7	02-5058	0.1	AA, AB, AC, AD
	02-5540	0.2	AA, AB, AC, AD



Dealer Name		Dealer Code	
Contact Name		Contact Phone	

Please provide an email address to receive a confirmation that your order has been processed.

email address	
---------------	--

Enter the full VIN numbers below for vehicles that are part of MBUSA MY2007 S-Class NTG3 V3.0 Harman Becker Navigation Disc Replacement Program

Fax to 888.329.4223 or email us at mbmaps@navteq.com