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# DAIMLERCHRYSLER

DaimlerChrysler India Private Limited

Pune, October 12, 2004

All Workshop Incharge DC India dealerships / ASC

Service Measure – Flash (CGW) central gateway. Model 211

Dear All,

We are in receipt of a subject Service Measure from DCAG, regarding flashing of Central Gateway on W 211 vehicles. The vehicle chassis number details with locations are mentioned in the enclosed CD. Please refer attached Work Instructions to carry out this activity on affected vehicles.

## Operation texts and flat rates:

Operation no.	Flat rate	Operation Text
02-4361	0.1h	Check central gateway (following quick test)
02-4362	0.3h	Flash central gateway (quick test)

Damage Code: 054 940 318

### **Cost Settlement:**

A warranty/goodwill claim for the costs of labour and material (if any) may be submitted to us. quoting the accounting number 54 940 31.

## Completion Deadline:

The above campaign should be completed by 30<sup>th</sup> April 2005.

Cont.....2

Board of Management : Dr. Klaus-Peter Arnold, Piyush Arora, Hans-Michael Huber (Speaker), Suhas Kadlaskar, Rolf Löffler, Augustus Mallier, Sanjiv Sahajwala Registered office, Corporate Office & Works Sector 15-A, Chikhali Pimpri, Pune 411 018 (India) Phone: (+91) 20 27505000



Please acknowledge receipt of this letter and feel free to revert to us for any queries.

Thanking you,

With best regards, DaimlerChrysler India Private Limited

D. Chandavarkar General Manager Aftersales Ashish Salvi Divisional Manager Field Service

Copy to - DCIPL Service Representatives } for close follow up with the workshops

Encl. - Work Instruction
- CD containing vehicle List

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# Code: 0404P54A42

Work description

Flash (CGW) central gateway Model 211

### Testing procedure

#### **Connect DAS**

(DAS update 04/2004 or newer version must be used)

#### Software test

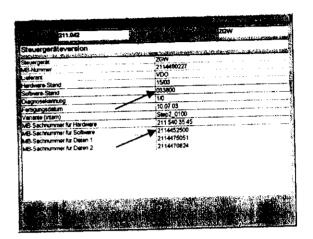
"Body" menu item

1) CGW

- Control unit version

An update must be carried out for software with MB basic number: A211 445 20 00, A211 445 24 00 or A211 445 25 00, software version 033800, see procedure.

No update is required for other MB basic numbers or a different software release.



#### **Procedure**

#### Data backup

Menu item "Information and Communication"

2) ASSYST

Print out - Actual values - Active service system since the last oil change.

3) ASSYST PLUS

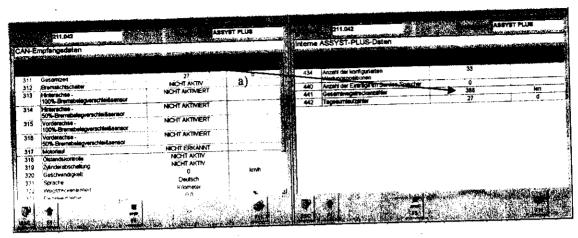
Print out - Actual values - CAN reception data.

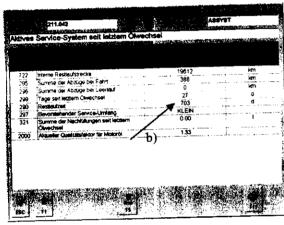
Print out - Actual values - Internal ASSYST PLUS data. Print out - General maintenance - Service memory.

- Control unit adaptations - Control unit reset

- Fault codes

If fault code 910A is now current, the CGW must be manually started!

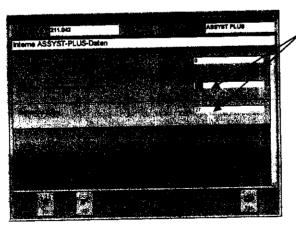




If a) km counter in "Internal ASSYST PLUS data" deviates from the km counter in "CAN reception data" by more than 1,000 km or b) service has been neglected for thousands of days, then carry out items 4 and 5; otherwise, proceed directly with the software update (item 6).

# Adaptation of ASSYST/ASSYST PLUS values

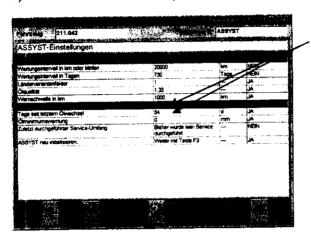
- 4) ASSYST PLUS
- Control unit adaptations Variant coding Internal ASSYST PLUS
- a) Do not change the entries in the service memory!
- b) Apply kilometer reading of main odometer from "CAN reception data" (see printout).
- Enter the operating time [in days] since initial registration, if greater than the current entry.
  - Rule of thumb: Number of months since initial registration x 30



Note: Currently, there is still a negative confirmation. Successful entries can only be checked under ASSYST PLUS - Actual values - Internal ASSYST PLUS data.

#### 5) ASSYST

- Control unit adaptations ASSYST settings
- a) Enter distance traveled since the last oil change.
- b) Enter the number of days since the last oil change.



#### Software update

#### 6) **CGW**

- Control unit adaptations Control unit programming
- a) Confirm note regarding the software modules to be programmed by pressing "F2"
- b) Select source of the flash data.
- c) Confirm established flashware with "F3"/"Yes" and initiate programming.
- d) Carry out manual rework. (Confirm note on the system diagnosis control unit manual settings by pressing 'F2'.)
  - Synchronize fault memory system diagnosis.
  - Enter unwritten codes (only for a fault).
  - Clear CGW fault memory, ASSYST, ASSYST PLUS system diagnosis.
- e) Confirm note regarding the process result by pressing "F2".
- f) Confirm process log by pressing "F2"; print beforehand if necessary.

### The hardware (CGW) is not removed for this update.

Operation text and flat rate			
Operation no.	Flat rate	Accounting no.	
Check central gateway (following quick test) 02-4361	0.1 hours	54 940 31	
Flash central gateway (following test) 02-4362	0.3 hours	54 940 31	

DaimlerChrysler AG Global Service & Parts