

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:

<u>Operation no.</u>	<u>Flat rate</u>	<u>Operation Text</u>
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 JS. quoting the **accounting number 54 940 31**.

Completion Deadline:

The above campaign should be completed by **30th 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

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A Company of the DaimlerChrysler Group

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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

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.

211.042		HOW
Steuergeräteversion		
Steuergerät	ZGW	
MB-Nummer	2114450227	
Umfeld	VDO	
Hardware-Stand	1500	
Software-Stand	033800	
Diagnoseleistung	110	
Fertigungsdatum	10.07.03	
Variante (intern)	Swp2_0100	
MB-Sachnummer für Hardware	211 540 35 45	
MB-Sachnummer für Software	2114452500	
MB-Sachnummer für Daten 1	2114475051	
MB-Sachnummer für Daten 2	2114470824	

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!

211.042		ASSYST PLUS	
CAN-Empfangsdaten			
311	Gesamtzeit	27	
312	Brandschalter	NICHT AKTIV	a)
313	Hinterachse - 100% Bremsbelagverschleißsensor	NICHT AKTIV	
314	Hinterachse - 50% Bremsbelagverschleißsensor	NICHT AKTIV	
315	Vordachse - 100% Bremsbelagverschleißsensor	NICHT AKTIV	
316	Vordachse - 50% Bremsbelagverschleißsensor	NICHT AKTIV	
317	Motorlauf	NICHT ERKANNT	
318	Ölstandkontrolle	NICHT AKTIV	
319	Zylinderabschaltung	NICHT AKTIV	
320	Geschwindigkeit	0	km/h
321	Sprache	Deutsch	
322	Wegstreckeneinheit	Kilometer	
323	Einheitswahl	km	

211.042		ASSYST PLUS	
Interne ASSYST-PLUS-Daten			
434	Anzahl der korrigierten Messungspositionen	33	
440	Anzahl der Einträge im Zehner-Speicher	0	
441	Gesamtwegstreckenzähler	388	km
442	Tagesanlaufzähler	27	d

211.042		ASSYST	
Aktives Service-System seit letztem Ölwechsel			
722	Interne Reststrecke	19612	km
725	Summe der Abzüge bei Fahrt	388	km
726	Summe der Abzüge bei Leerlauf	0	km
729	Tage seit letztem Ölwechsel	27	d
730	Restlaufzeit	703	d
737	Bewertender Service-Umfang	KLEIN	
738	Summe der Nachfüllungen seit letztem Ölwechsel	0.00	l
2000	Aktueller Qualitätsfaktor für Motoröl	1.33	

b)

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 data
- a) Do not change the entries in the service memory!
 - b) Apply kilometer reading of main odometer from "CAN reception data" (see printout).
 - c) 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

211.042		ASSYST PLUS	
Interne ASSYST-PLUS-Daten			
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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