

**Trade Shows**



● Exhibited at Taipei AMPA Show in April

**automechanika Frankfurt 2008**

Leading International Trade Fair for the Automotive Industry  
Sep 16 - Sep 21, 2008 Germany  
Booth No. **Hall 9.1 A10**  
Welcome to visit us at our booth.

**The Latest News**



**iSCAN-II**  
New Generation Scanner,  
Big Colorful Screen,  
Total Diagnostic Solution

- OEM Level Diagnostic Systems
- Special Interface Module Simulation System: IMS2
- Compatible with Component Test Module (**BTM**-Battery Test Module, **EBTM**-Engine Burning Test Module, **ScopeMeter**)
- Ongoing Software Updates via Internet
- Wireless Communication via Built-in Bluetooth

## iSCAN- II / D91 Latest Versions

iSCAN-II MITSUBISHI	V1.00 SP1	English/Chinese/Japanese	28-May-08
iSCAN-II NISSAN	V1.01	English/Chinese/Japanese	26-May-08
iSCAN-II TOYOTA	V1.00 SP1	English/Chinese/Japanese	23-May-08
iSCAN-II MAZDA	V1.00 SP1	English/Chinese/Japanese	23-May-08
iSCAN-II VASS	V1.01	English/Chinese	21-May-08
iSCAN-II BMW CODING	V1.00 SP1	English/Chinese	14-May-08
iSCAN-II BMW	V1.01	English/Chinese	9-May-08
D91-MITSUBISHI	V4.00 SP1 / V3.50 SP3	English/Chinese/Japanese	28-May-08
D91-NISSAN	V4.01 / V3.53	English/Chinese/Japanese	26-May-08
D91-TOYOTA	V4.00 SP1	English/Chinese/Japanese	23-May-08
D91-MAZDA	V1.62SP3 / V1.64SP2	English/Chinese/Japanese	23-May-08
D91-VASS	V5.52	English/Chinese	21-May-08
D91-MB PRO	V4.05 / V3.57	English/Chinese	16-May-08
D91-BMW CODING	V4.02 SP1	English/Chinese	14-May-08
D91-BMW CODING LITE	V2.51 SP3	English/Chinese	14-May-08
D91-HONDA	V2.50 SP1	English/Chinese/Japanese	14-May-08

## VeDiS Yearly Update Project (YUP) Software

Software releases monthly for D91-EURO PRO YUP 2008 / D91-ASIAN PRO YUP 2008  
YUP customers, please get the updates from web site

## Technical Guidance

### Mercedes-Benz W211 E320, Year 2004 Active Service System (ASSYST) Service Reset

#### ● Introduction of W211 Series Active Service System:

From Year 1998, Mercedes-Benz cars are equipped with **Active Service System (ASSYST)** in the instrument cluster (ICM). The function is to draw the attention of the driver to the service due. The ASSYST is a required-based on oil quality, consumption, and abrasion. When exceeding a warning threshold, the messages will appear as **remaining distance** or **remaining time** on the multifunction display (A1P13). After finishing the maintenance, it requires to do the service reset.

From Year 2002, except ASSYST in the instrument cluster (ICM), it increases **ASSYST PLUS** system to handle the additional maintenance items. Based on the oil quality, consumption, and abrasion, via **Controller Area Network (CAN-BUS)** to get the value and data from each sensor to determine the service interval and items. On the multifunction display (A1P13) of instrument cluster, it will display remaining mileage, remaining time, oil consumption, date for exhaust emissions inspection (AU) and main inspection (HU), service memory full, and etc.

#### ● How to do by D91/VeDiS?

1. Year 2004, W211 E200K: How to do the service reset for oil change?
2. Year 2004, W211 E200K: How to set new national version factor for oil change?
3. Year 2004, W211 E240: How to set the due dates of inspection?
  - 3-1 Enter the due dates of main inspection.
  - 3-2 Enter the due date of exhaust emission test?

● Steps on D91/VeDiS

1. Year 2004, W211 E200K: How to do the service reset for oil change?

**1**

MAKE

1. (D91-EURO PRO YUP)

**2**

MAKE

1.MB PRO 91(V3.55) EN  
2.SMART 91(V1.50) EN

**3**

Model Selection

1 A-CLASS  
2 C-CLASS  
3 E-CLASS  
4 S-CLASS  
5 SLK-CLASS

**4**

E-CLASS

1 211  
2 210(after 03/1997,DAS3)  
3 210(Up to 02/1997)  
4 124

**5**

E-CLASS

1.Short test  
2.Control Units  
3.Quick servicin

**6**

E-CLASS

1.Drive  
2.Chassis  
3.Body  
4.Information/Communication  
5.Seats and Doors

**7**

Info. and Communication

**8**

ASSYST PLUS

1 IC (Instrument)  
2 ASSYST (Active service system)  
3 ASSYST PLUS (PLUS Active service system(Service reset))

1 ECU version  
3 Read Fault Code  
4 Clear Fault Code  
5 General Servicing

Standard Oil: 229.1 10W-40

9

### General Servicing

1 Confirm overall maintenance (service reset for oil change)  
2 Confirm performance of individual maintenance items  
3 Reset mistakenly confirmed overall maintenance  
4 Reset mistakenly confirmed maintenance item

10

### Overall maintenance

Please select oil quality, sheet number:

1 Standard oil  
2 Sheet 229.3  
3 Sheet 229.5

11

### Overall maintenance

Set coding for overall maintenance with standard oil...

12

### Overall maintenance

The entire maintenance service was confirmed  
press ENTER/EXIT to return

2. Year 2004, W211 E200K: How to set new national version factor for oil change?

1

### Info. and Communication

1 IC (Instrument)  
2 ASSYST (Active service system)  
3 ASSYST PLUS (PLUS Active service system(Service reset))

2

### ASSYST

1 ECU version  
2 Data Stream  
3 Read Fault Code  
4 Clear Fault Code

3

### ASSYST

5 Adaptations

4

### Adaptations

1 ASSYST settings

5

### ASSYST Setting

2 National version factor

6

### National version factor

**Comment: The distance between two maintenance services is set with the national version factor. The value can be set between 0.25 and 1.0.**

(press ENTER to continue)

For example:

$$15000 \text{ km} \times 1.00 = 15000 \text{ km}$$

$$15000 \text{ km} \times 0.65 = 10000 \text{ km}$$

$$15000 \text{ km} \times 0.50 = 7500 \text{ km}$$

7

### National version factor

**If the national version factor is set to a value of < 1.0, the service interval is reduced by this factor.**

(press ENTER to continue)

8

### National version factor

**Current national version factor value: 1.00**

(press ENTER to continue )

9

10

## National version factor

Set new national version  
factor: **1.00**

LEFT/RIGHT : +0.01/-0.01  
UP/DOWN: +0.10/-0.10

ENTER : save the setting

## National version factor

Set new national version  
factor: **0.65**

LEFT/RIGHT : +0.01/-0.01  
UP/DOWN : +0.10/-0.10

ENTER : save the setting

11

## National version factor

National version factor  
Set to **0.65**

Change coding...

12

## Change coding

Change coding finished.

Press ENTER/EXIT to return

### 3. Year 2004, W211 E240: How to set the due dates of inspection?

#### 3-1 Enter the due dates of main inspection.

1

## Info. and Communication

1 IC (Instrument)  
2 ASSYST (Active  
service system)  
3 ASSYST PLUS  
(PLUS Active service  
system(Service reset))

2

## ASSYST PLUS

1 ECU version  
3 Read Fault Code  
4 Clear Fault Code  
5 General Servicing

3

## General Servicing

1 Confirm overall maintenance  
(service reset for oil change)  
2 Confirm performance of individual  
maintenance items  
3 Reset mistakenly confirmed overall  
maintenance

4

## General Servicing

5 Enter due dates

4 Reset mistakenly confirmed maintenance items

5

Enter due dates

- 1 Main inspection
- 2 Exhaust emission test

(AU)

6

Main inspection

Current due date of main inspection:

Year/Month: 2008/4

(press ENTER to continue)

7

Main inspection

New due date of main inspection:

Year / Month: 2008 / 4

LEFT/RIGHT: +1/-1 to month

UP/DOWN: +1/-1 to year

ENTER: save the setting

8

Main inspection

New due date of main inspection:

Year / Month:

Year / Month: 2010 / 4

LEFT/RIGHT: +1/-1 to month

UP/DOWN: +1/-1 to year

ENTER: save the setting

9

Main inspection

Set the due date of main inspection to:

2010 / 4

Change coding...

10

Change coding

Change coding finished.

Press ENTER/EXIT to return

3-2 Enter the due date of exhaust emission test?

11

Enter due dates

12

Exhaust emission test

1 Main inspection  
2 Exhaust emission test  
(AU)

Current due date of  
exhaust emission test:  
Year/Month: 2008 / 4  
  
(press ENTER to continue)

13

### Exhaust emission test

New due date of exhaust  
emission test:  
Year / Month: 2008 / 4  
LEFT/RIGHT: +1/-1 to month  
UP/DOWN: +1/-1 to year  
  
ENTER: save the setting

14

### Exhaust emission test

New due date of exhaust  
emission test:  
Year / Month: 2010 / 4  
LEFT/RIGHT: +1/-1 to month  
UP/DOWN: +1/-1 to year  
  
ENTER: save the setting

15

### Exhaust emission test

Set the due date of  
exhaust emission test to:  
2010 / 4  
  
Change coding...

16

### Change coding

Change coding finished.  
  
Press ENTER/EXIT to return