

Mercedes Benz

A Class from '97 - 2000

In the menu use: Mercedes/A series

An OBD II plug is located in the driver's footwell. Use the blue OBD II plug (shown on this page in the second picture) to program the cluster with the Mercedes/A class menu.

C Class MotoMeter from '93 – 9/95

In the menu use: Mercedes/C series/MotoMeter –9/95/Diagnostic

Pull out the instrument cluster to access to the back covering of the speedometer where you will find a terminal for the 3-poled MM plug (VW MB T4). Enter the desired mileage, but do **NOT** click "OK". Connect the 3-poled diagnosis plug to the corresponding socket on the speedometer. Activate the ignition system and click "OK."

Programming through a crocodile clip: use the smd14 clip with the 93CX6 adapter.



VW MB T4 plug

C Class VDO '93 – 9/95

In the menu use: Mercedes/C series/VDO –9/95/Diagnostic

Pull out to remove the instrument cluster to access to the back covering of the speedometer where you will find a terminal for the 3-poled MM plug (VW MB T4).

Programming through a crocodile clip: use the smd14 clip with the 93CX6 adapter. Look for the Eeprom 93C56.

C Class VDO from 9/95 – 4/98

In the menu use: Mercedes/C series/9/95-4/98/Diagnose

Activate the ignition system and connect the diagnosis plug to the corresponding socket located in the motor compartment under a big plastic cover (in some cases there is also a screw closure covering the diagnosis socket).



Diagnostic plug
Mercedes Benz

C Class VDO from 9/95 – 4/98

In the menu use: Mercedes/C-E-S-4/98

Activate the ignition system and connect the diagnosis plug to the corresponding socket located in the motor compartment under a big plastic cover (in some cases there is also a screw closure covering the diagnosis socket).

Programming through a crocodile clip: use the smd8 clip with the 93CX6 adapter. Look for the Eeprom 93C66.

E Class from '95 – 4/98

In the menu use: Mercedes/C-series/KM DIAGNOSE

Activate the ignition system and connect the diagnosis plug to the corresponding socket located in the fuse box on the right side in the motor compartment.



**Diagnostic plug
Mercedes Benz**

Programming through a crocodile clip: use the smd8 clip with the 93CX6 adapter. Look for the Eeprom 93C56 later models 93C66.

E Class from '4/98 – 7/99

In the menu use: Mercedes/C-E-S-4/98

Same as previous E class. Eeprom type is a 93C66.

S-Class VDO with MFA form '93 – 6/96

In the menu use: Mercedes/ S-class/VDO 6/96/Diagnose

Pull the instrument cluster from the chamber. Connect it to the DigiDIS device via the delivered plug which fits the original sockets of the instrument cluster. Start "S class -6/96", and enter the new mileage.



Programming through a crocodile clip: use the smd14 clip with the 93CX6 adapter. Look for the Eeprom 93C56.

S-Class VDO with MFA form '93 – 6/96

In the menu use: Mercedes/ S-class/VDO 6/96/Diagnose

Activate the ignition system and connect the diagnosis plug to the corresponding socket located on the left side in the motor compartment under a big plastic cover (in some cases there is also a screw closure which covers the diagnosis socket).



**Diagnostic plug
Mercedes Benz**

S-Class form '4/98 – 7/99

In the menu use: Mercedes/C-E- S- 4/98-

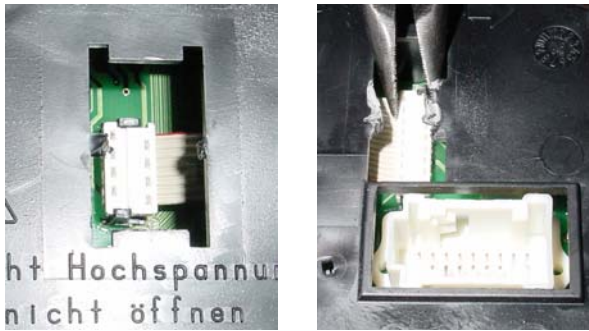
Activate the ignition system and connect the diagnosis plug to the corresponding socket located on the left side in the motor compartment under a big plastic cover (in some cases there is also a screw closure which covers the diagnosis socket).

S-Class (W220) form 10/98 –

In the menu use: Mercedes/ S-Class/W220/Clip

WARNING: It is bad practice to disconnect the battery on the W220. The car must be towed to a Mercedes Dealership if the battery is disconnected.

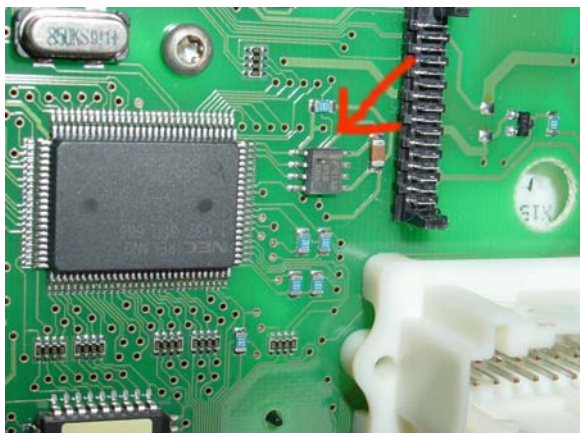
The W220 must be programmed through the crocodile clip smd8 with the 93CX6 adapter. Remove the cluster with the special hooks from the vehicle. Before you are able to open the backside of the cluster, you must remove two cables, located under the cover, and which can be seen through the ventilation holes.



In these two pictures you see the covers removed.



After removing both cables, use something flat (like a handle of a spoon) to move the clip



locks of the cluster. Pull the back cover off and lay it beside.

Now look on the motherboard for the Eeprom. It is located right above the central plug. Now follow the steps in the

chapter "Eeprom programming". The W220 cluster does **not** need to have the oscillators (crystals) on the board joined together.

After programming, reassemble the instrument cluster.

W220 2001-

In the menu use: Mercedes/ S-Class/W220/Clip/2001

The 2001 model has the 24CO4 EPROM on a lower board and further disassembling of the cluster is necessary (see picture on the right). If you don't have in your DigiDIS the menu point, send us an e-mail to techsup@distools.com with the unlock code from No. 1123.



G-Class

Pull the speedometer out of the chamber and disassemble it. The 93C56 chip is on the back of the PCB. Proceed as described in "Eeprom programming."

V-Class

Pull out the speedometer and loosen all screws on the back. Pull off the sheet of glass. The 93S46 chip is located under the clock instrument. Proceed as described in "Eeprom programming."

M-Class

Activate the ignition system and connect the blue diagnostic plug (OBD II) to the corresponding socket which is located in the fuse box on the left side over the driver's knee. Select "M-Class 4/98" in the menu, and enter the new mileage.

On model year 99 and 2000 you need to use the black Mercedes Benz OBD II plug (shown below with the CLK / SLK).



Sprinter VDO

Pull out the speedometer and loosen all screws on the back. Pull off the sheet of glass. The 93S46 chip is located under the clock instrument. Proceed as described in "Eeprom programming."

Sprinter Kienzie (with sealed tachograph)

Remove the speedometer and loosen the screws in the tachograph. In order to disassemble tachographs, seals must be destroyed. (Please observe legal standards.) Remove the indicator instrument from the box, and locate the 24CO2 chip on the back. Proceed as described in "Eeprom programming."

CLK / SLK with OBD II Connector

This models without the indicators in the rear mirrors can be set through the OBD II connector in the foot well on the driver side. Please use the MB OBD II connector shown below. In menu: *Mercedes / C-/E-/S- -4/98 / Diagnostic*



E class 99 & 2000 model

If you are unable to program the E class through the diagnostic port, you can program it through the Eeprom: Remove the cluster from the vehicle

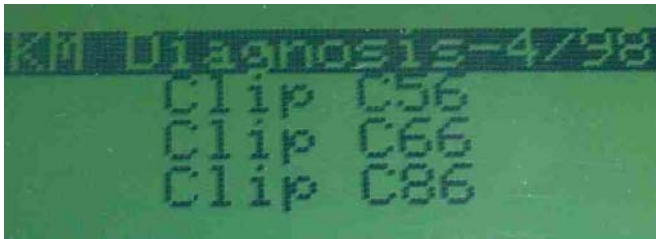
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and disassemble it. Be careful with the cable going from the motherboard to the white frame (marked in the picture with a red “1”). Find the crystal on the backside of the motherboard and bridge it (marked in the picture with a red “2”).



Find the Eeprom “93LC86.”

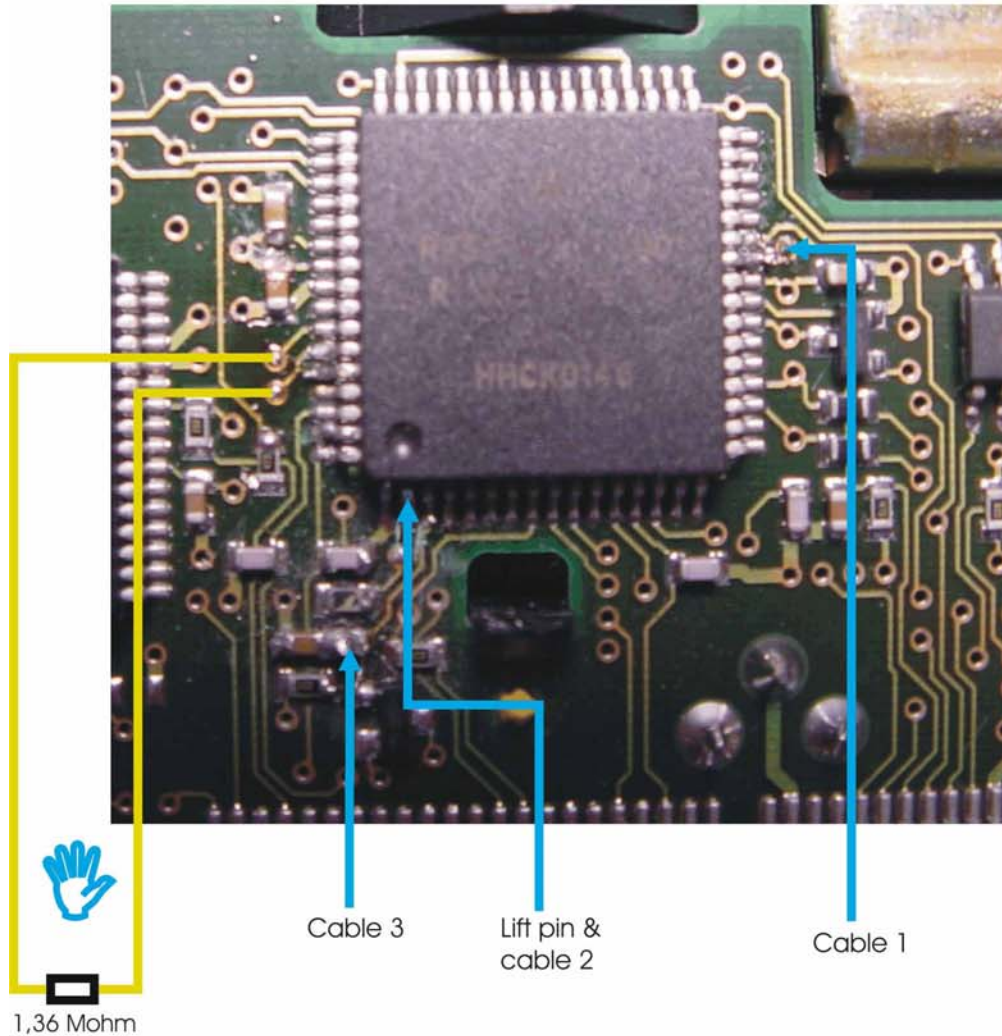
Use the SMD 8 pin clip and program it in the menu with clip C86.



Note: For more information on how to program an Eeprom, please read the chapter “Eeprom programming” before you work on the cluster.

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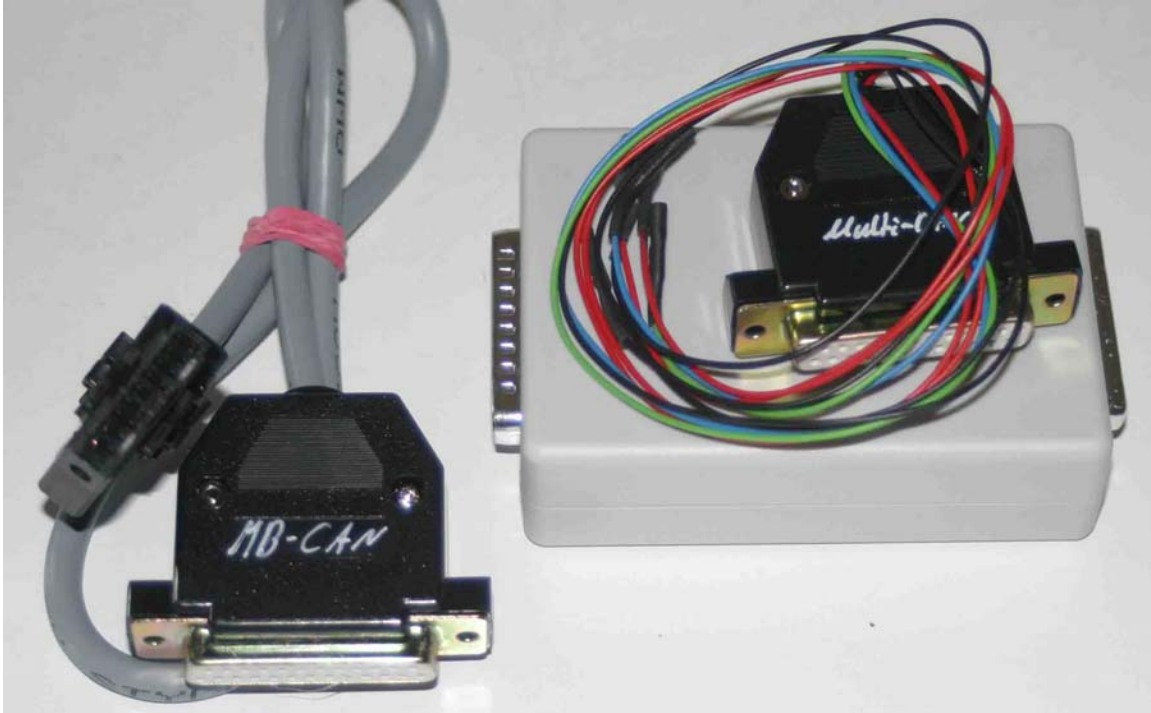
Mercedes W220 Key Module from 6/2002-? Cable 908 Dashboard with 24C04



Use 2x 680KOhm Resistors to solder between the marked yellow spots. Start the menu S-Class->W220->CPU 6/2002-?. Enter the old value and the new value. The program starts to log into the memory of the processor. When the login number increases (from 1 to 2 for example) tip three times with your wet finger on the resistors to shorten them. Repeat this every login try until the program jumps back to the main menu. You can check the programming by repeating the procedure with the same values, you entered the first time. The program will read out the new value if the login is successful and will show it on the screen. Program the Dashboard with Clip C04. The highest value will be shown in the car.

C Class from 2000 and E Class from 2002

These vehicles use the new CAN standard and are programmed through the cluster plug shown below.



Plug the white box first on the DigiDIS and then the cable. Without the white box the unit will not work.

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