

Mercedes CR1 with CAN infrared IMMO Emulator

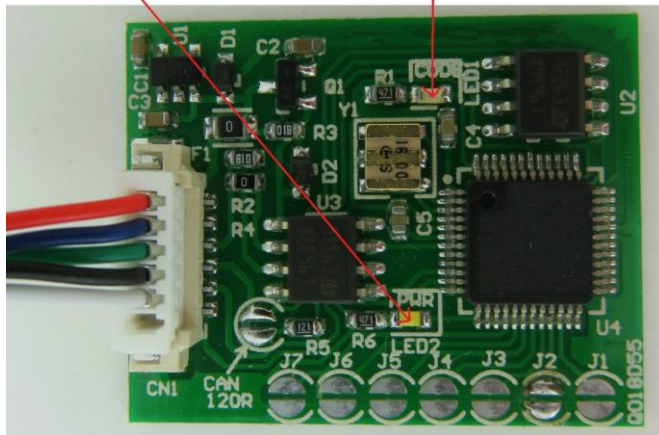
In Universal Emulator
solder jumpers **J6**

Red Cable: +12V
Green Cable: CODE
White Cable: CAN-L

Blue Cable: GND
Black Cable: CAN-H

LED-- Power

After adjusting,
LED-- It lights up constantly,
and blink every two seconds



USE

Mercedes 2-socket (black) VDO ECU
with X24C01 memory

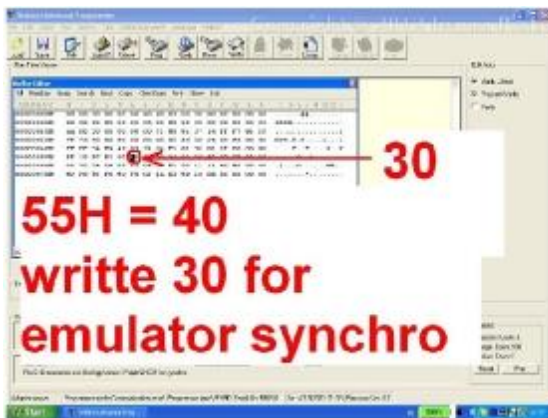
Mercedes 2-socket (yellow) VDO ECU
with X24C02 memory

Mercedes 2-socket Bosch ECU
with B58 (24LC02) memory

Mercedes 2-socket (black) VDO ECU with X24C01 memory

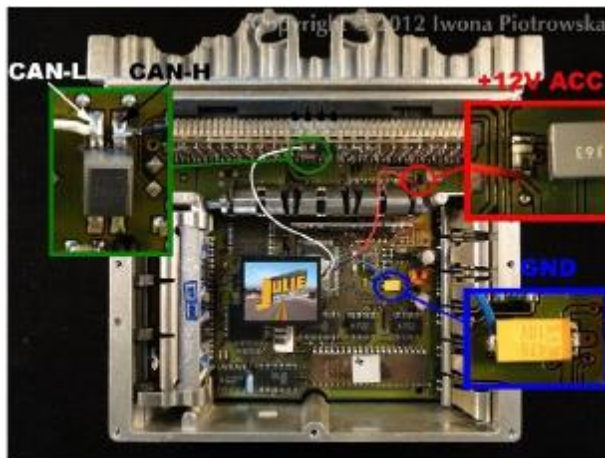


Find **X24C01** eeprom



In address **055** write **30** value

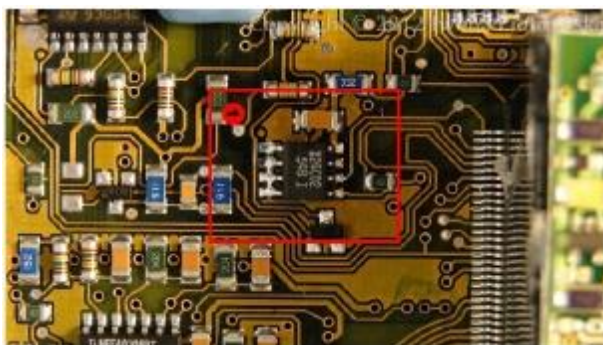
Connecting emulator to ECU



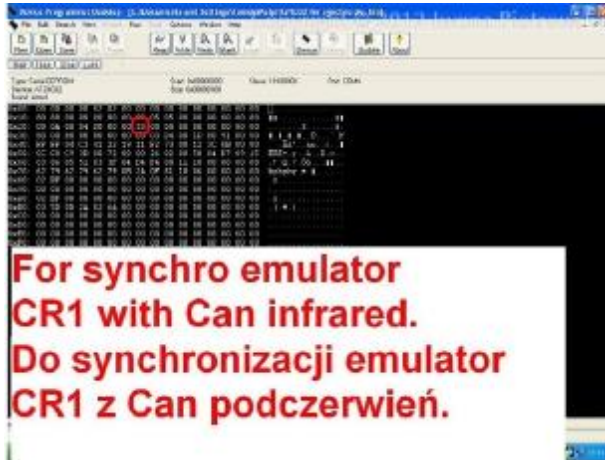
- +12V ACC 39 pin
- GND 33 pin
- CAN-L from choke
- CAN-H from choke

After connecting the emulator, you need to carry out personalization with **HHT** or **Star Diagnosis** diagnostic tools. After starting the engine, you must run the car for 60 seconds for coding to be completed.

Mercedes 2-socket (yellow) VDO ECU with X24C02 memory



In the ECU find **X24C02** eeprom



In address **027** write **33** value in **X24C02** Eeprom

Connecting emulator to ECU



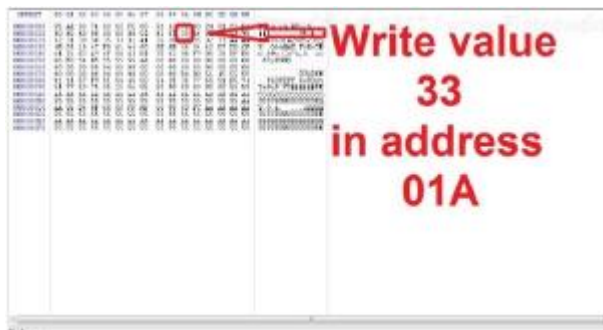
- +12V ACC 39 pin**
- GND 33 pin**
- CAN-L from choke**
- CAN-H from choke**

After connecting the emulator, you need to carry out personalization with **HHT** or **Star Diagnosis** diagnostic tools. After starting the engine, you must run the car for 60 seconds for coding to be completed.

Mercedes 2-socket Bosch ECU with B58 (24LC02) memory



In the ECU find **B58 (24LC02)** eeprom



In address **01A** write **33** value in **24LC02** eeprom

Connecting emulator to ECU



+12V ACC	40 pin
GND	33 pin
CAN-L	from choke
CAN-H	from choke

After connecting the emulator, you need to carry out personalization with **HHT** or **Star Diagnosis**

diagnostic tools. After starting the engine, you must run the car for 60 seconds for coding to be completed.

Warning!!!

Due to possible construction changes of cars, check signals with multimeter in the ECU plug