Opel immo with HC05 Emulator

Red Cable: +12V   **Blue Cable: GND**
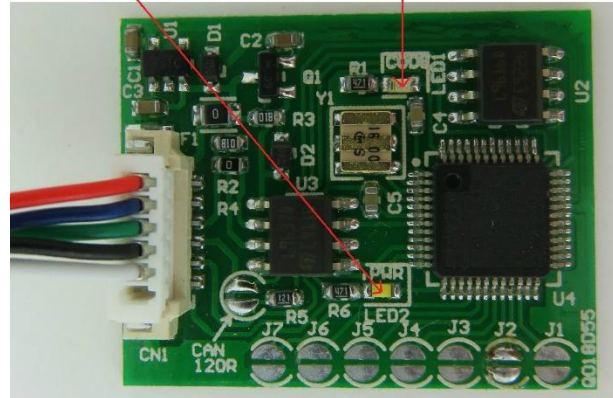**Green Cable: CODE**   Black Cable: CAN-H
White Cable: CAN-L

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

LED-- Power

**In Universal Emulator
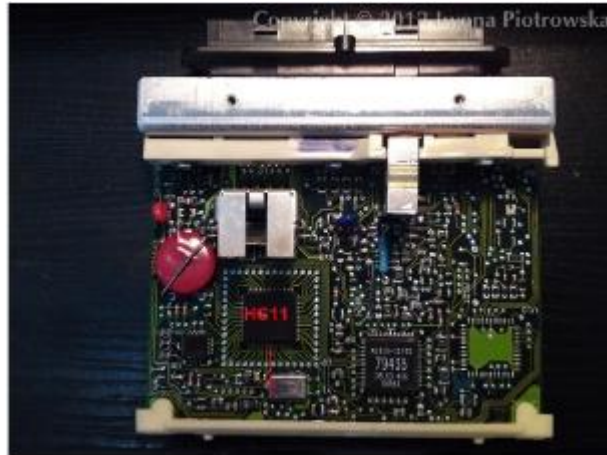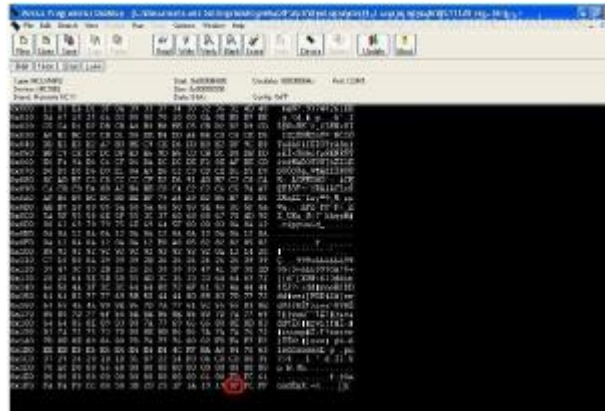solder jumpers J1 J2, J3 and J4**

USE

1.2 and 1.4 gasoline 2-socket (black) ECU with Motorola HC11E20 processor

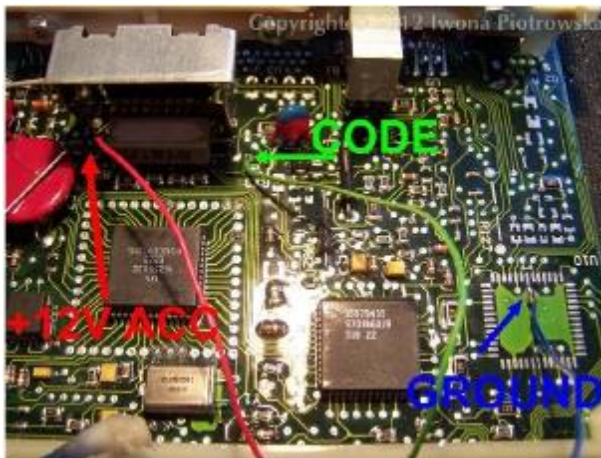**2.0 2.2 and 2.5 gasoline with 24C02 eeprom memory**

1.2 and 1.4 gasoline 2-socket (black) ECU with Motorola HC11E20 processor

Find Motorola **HC11E20** processor

In address **1FD** write **0F** value
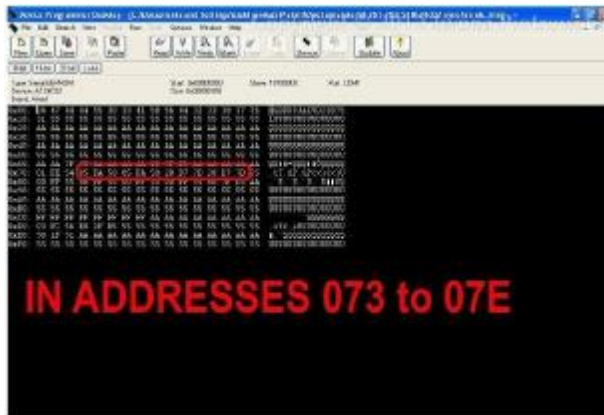

Connecting emulator to ECU

+12V ACC	red
GND	blue
Immo	green

Disconnect immo and connect pin 6 with 7 in the wiring of immo plug to eliminate troubles with speed signal

2.0 2.2 and 2.5 gasoline with 24C02 eeprom memory

Find **24C02** eeprom memory

In addresses from **073** to **07E** write

05 FA 50 05 FA 50 28 D7 7D 28 D7 7D
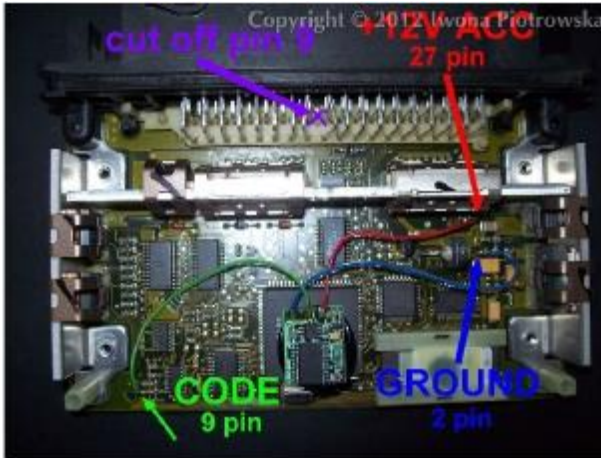
values

Connecting emulator to ECU

(2.0 2.2 gasoline)

+12V ACC 37 pin

GND 2 pin

Immo 9 pin

Disconnect immo and connect pin 6 with 7 in the wiring of immo plug to eliminate troubles with speed signal

Connecting emulator to ECU

(2.5 gasoline)

+12V ACC	27 pin
GND	2 pin
Immo	9 pin

Disconnect immo and connect pin 6 with 7 in the wiring of immo plug to eliminate troubles with speed signal

Warning!!!

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