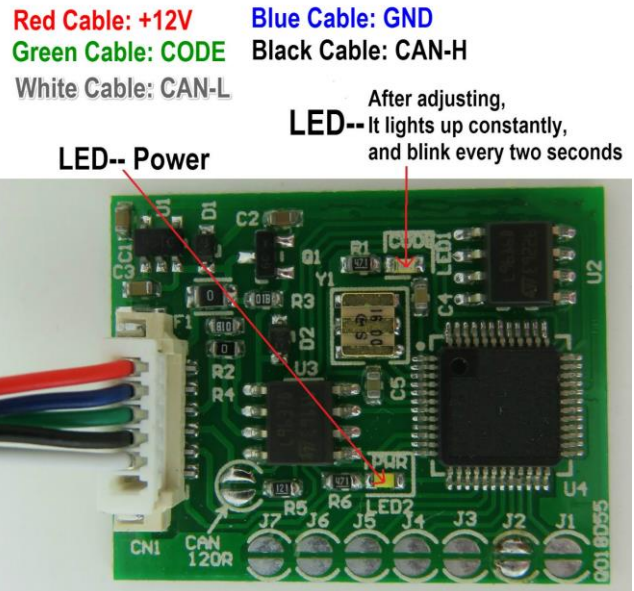


Renault without CAN Emulator

In Universal Emulator
solder jumpers **J2, J3, J4 and J5**

Renault without CAN old ECUs
In Universal Emulator
solder jumpers **J2, J3 and J5**



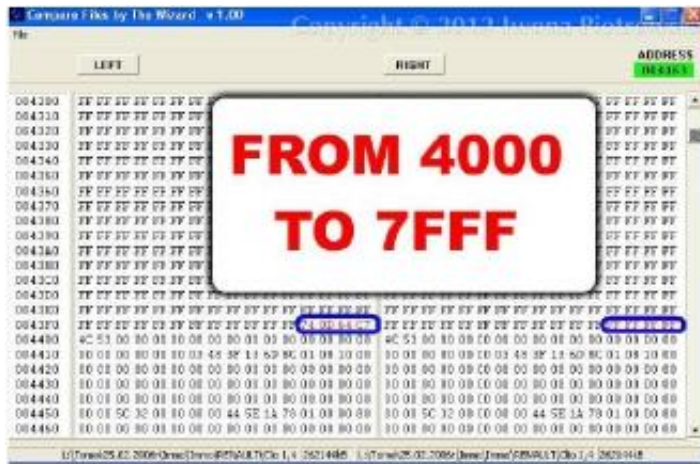
USE

Sirius 32 without CAN
Sirius 34 without CAN
EMS 3132
1.9 2.2 and 2.5 DCi without CAN
1.5 DCi without CAN
1.9 DTi 1 plug
1.9 DTi 2 plugs
1.9 diesel DCU3
2.8 TD
3.0 gasoline 1 plug
Volvo S40 and V40 – 1.9TD (Bosch 0 281 001 906 ECU)

Sirius 32 without CAN



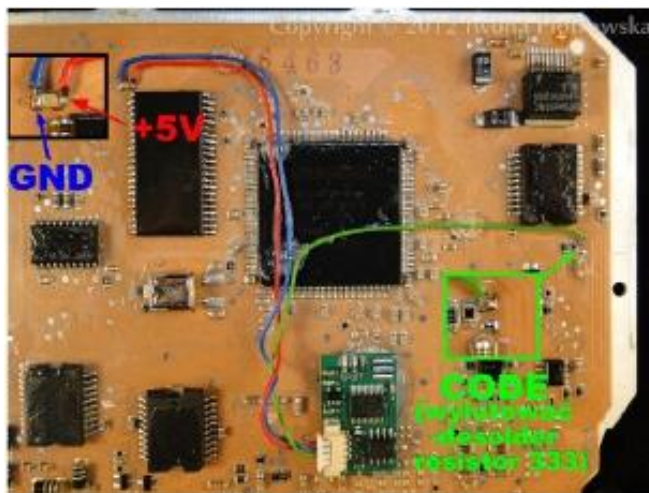
Find **29F200** or **29F400** flash



In the addresses from **4000** to **7FFF**, find all values **64 C7** or **54 D7** and change these values and two units before them into **FF FF FF FF**

Repeat it in the whole map from **4000** to **7FFF** !!!

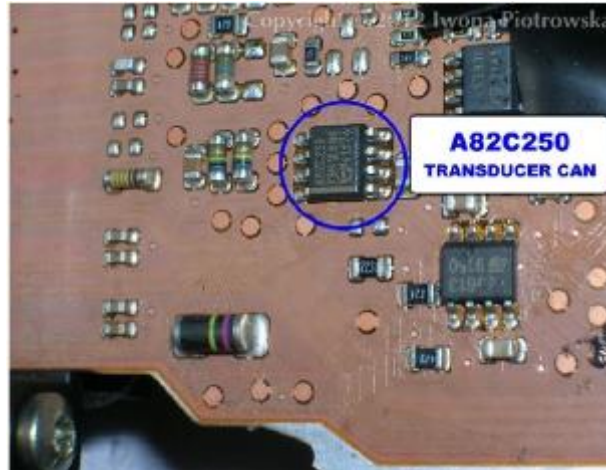
Connecting emulator to ECU



Take power and GND for the emulator from the capacitor

Connect Code signal after desoldering a 333 resistor

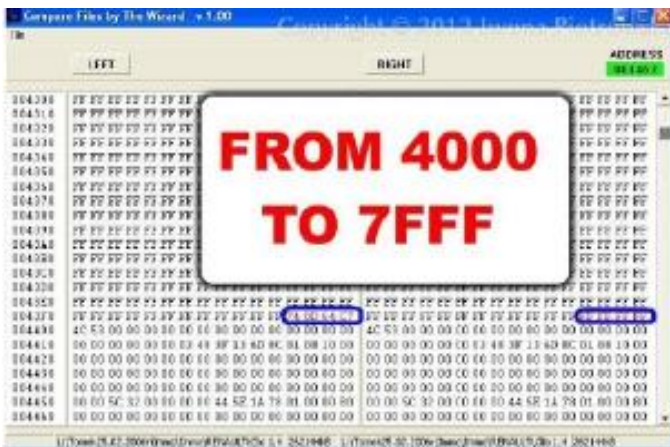
If there is **A82C250 CAN transducer** on the plate in the ECU, then the emulator will not work in this ECU!!!



Sirius 34 without CAN



Find **29F200** or **29F400** flash



In the addresses from **4000** to **7FFF**, find all values **64 C7** or **54 D7** and change these values and two units before them into **FF FF FF FF**

Repeat it in the whole map from **4000** to **7FFF !!!**

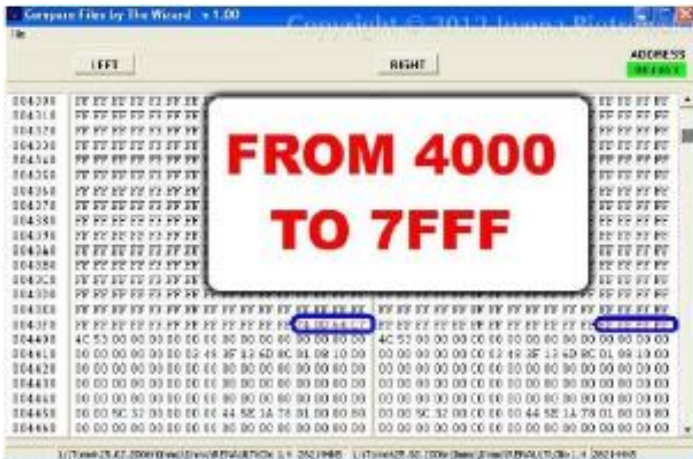


Take power for the emulator from the capacitor at the flash

EMS 3132



Find **29F200** or **29F400** flash



In the addresses from **4000** to **7FFF**, find all values **64 C7** or **54 D7** and change these values and two units before them into **FF FF FF FF**

Repeat it in the whole map from **4000** to **7FFF !!!**

Take power for the emulator from the capacitor at the flash.



Connect emulator as pictured after unsoldering the capacitor.

Connect it to the point which leads to the processor.

1.9 2.2 and 2.5 DCi without CAN





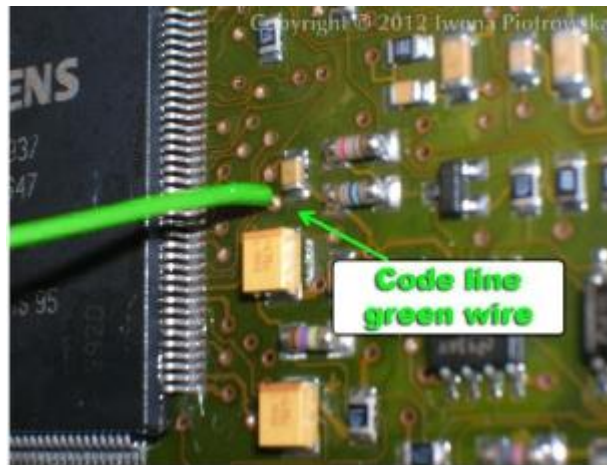
In **5P08C3** memory
in the addresses:

003E 003F 0040 0041

and

0044 0045 0046 0047

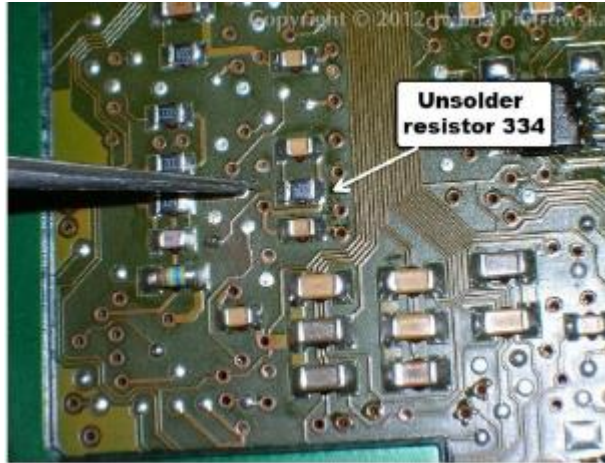
change these values into **FF**



In ECU, solder immo line (code) of emulator to the point as pictured



Take power for the emulator from the capacitor on the ECU plate



Unsolder 334 resistor

Turn on the ignition for 30 seconds, then turn it off for 30 seconds and repeat the procedure a few times

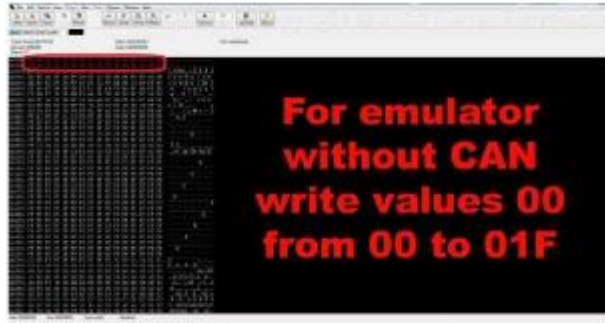
1.5 DCi without CAN



Car without tachometer

Replace **25080** content and connect emulator.

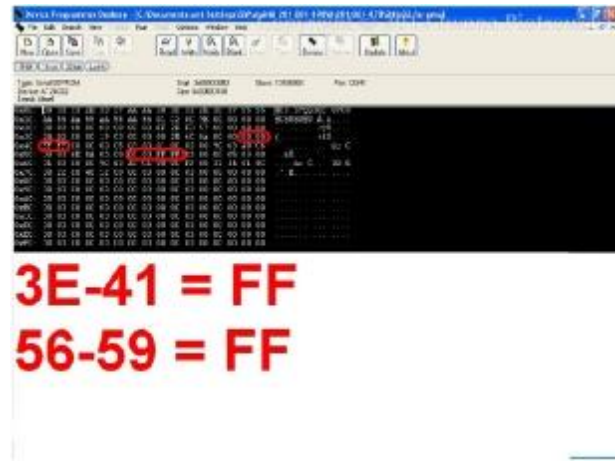
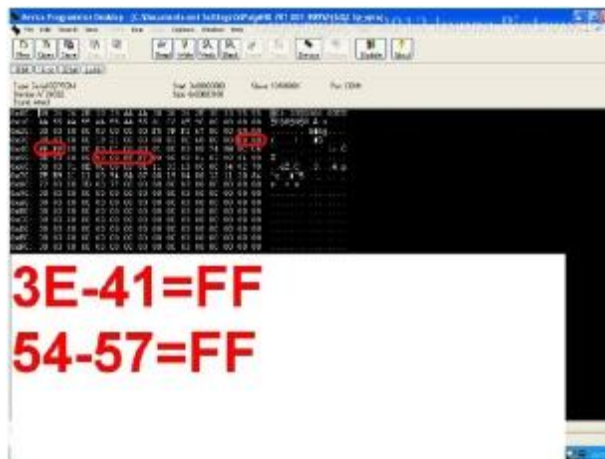
10 pin of processor is immo line as pictured, which must be raised.



Take power from the capacitor at the memory.

Code injectors and settings with Clip or Launch.

1.9 DTi 1 plug

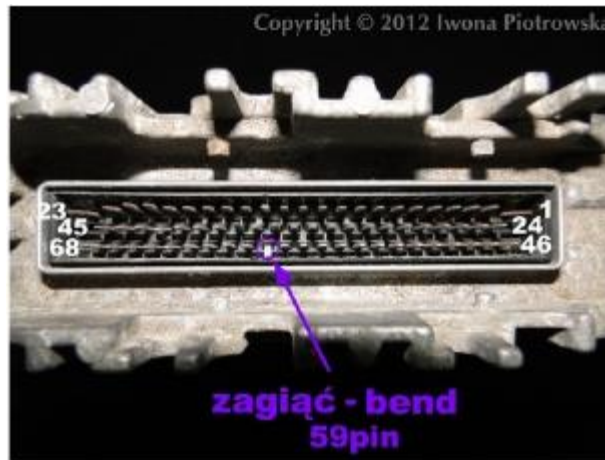


Connecting emulator to ECU



Connect the immo line of emulator to pin 59 of ECU.

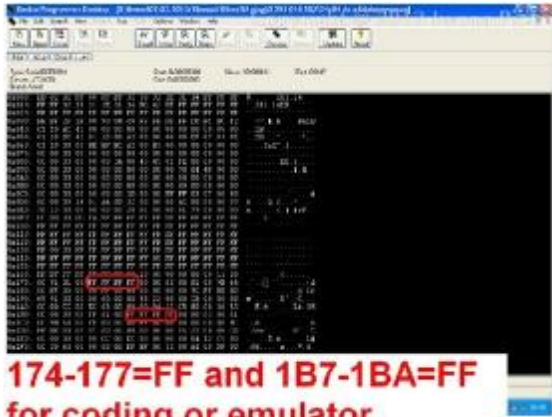
Connect GND and ACC to diode in the ECU.



Bend pin 59 in ECU socket

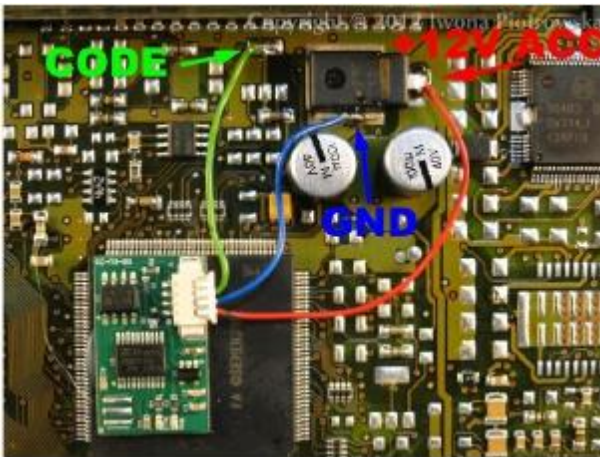
1.9 DTi 2 plugs





In the addresses from **174** to **177** and **1B7** to **1BA** change these values into **FF FF FF FF** in **24C04** memory

Connecting emulator to ECU



- ACC** 81 pin
- GND** 4 and 5 pin
- Immo** 15 pin

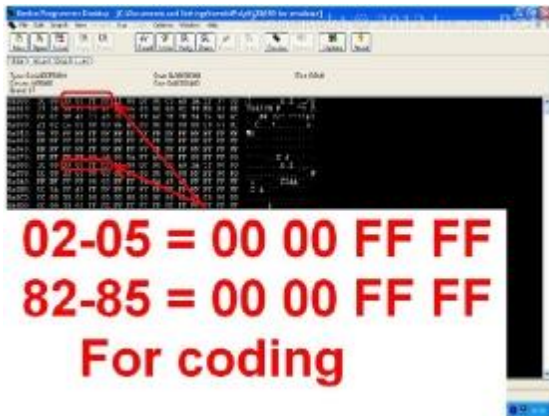


Cut off pin 15 from wiring!!!

1.9 diesel DCU3



Renault Kangoo 1.9 Diesel 2001



In addresses from **02** to **05** and **82** to **85** change these values into **00 00 FF FF** in **95080** memory



Connecting emulator to ECU

+5V VCC	from capacitor
GND	79 pin
Code	20 pin



Pin 20 must be bent in socket or cut off from the car wiring.

Connecting emulator to ECU



+12V ACC 76 or 77 pin

GND 78 or 79 pin

Code 20 pin Cut off wiring from ECU plug

2.8 TD (Renault Mascott)

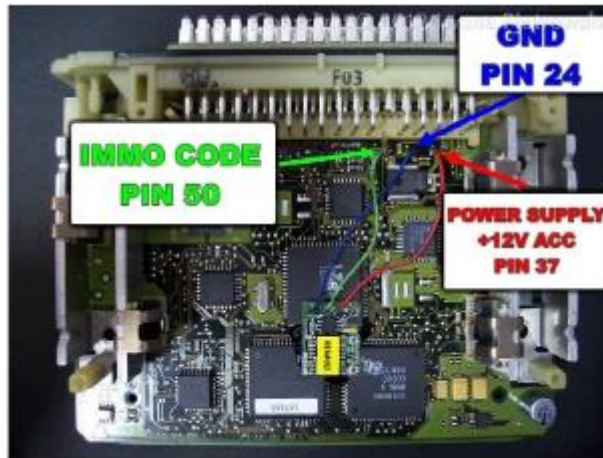


In addresses from **040** to **1FF** change these values into **FF** in **24C16** memory

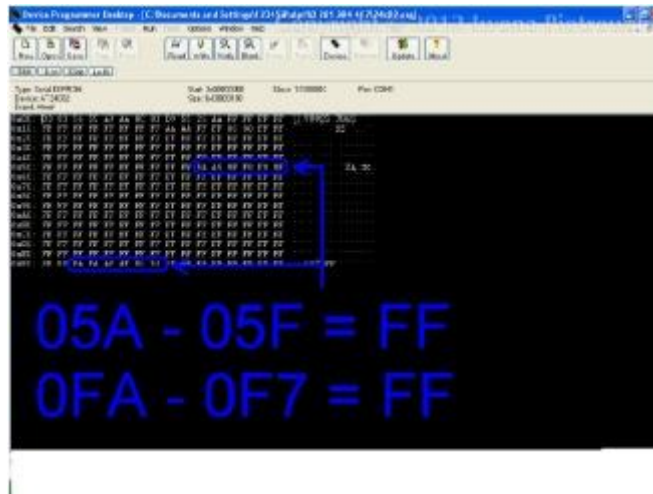
Connecting emulator to ECU



3.0 gasoline 1 plug with 24C02 memory (Renault Laguna)



Cut off pin 50 from ECU!!!



In addresses from **05A** to **05F** and from **0F2** to **0F7** change these values into **FF** in **24C02** memory

Volvo S40 and V40 – 1.9TD (Bosch 0 281 001 906 ECU)

MSA 15.5-5.40



OFFSET	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	
00000000	39	37	32	2E	31	34	AA	AA	29	37	32	2E	31	34	55	55	972 1455972 1405
00000010	AA	55	AA	55	AA	55	AA	55	E1	C2	E6	34	80	08	80	08	00000000 2 0
00000020	09	09	09	09	09	09	09	09	F8	9F	E9	48	80	08	80	08	00000000 02 8
00000030	0B	16	08	09	08	09	08	09	60	27	42	5D	80	08	80	08	00000000 03 8
00000040	FF	FF	00	00	00	00	00	00	81	06	80	08	88	77	32	C6	00000000 04 8
00000050	40	5D	08	09	08	09	08	09	FF	FF	80	08	80	08	80	08	00000000 05 8
00000060	08	08	08	76	17	C6	FF	81	12	13	E1	AA	39	08	77	08	00000000 06 8
00000070	58	88	12	11	48	A0	06	60	53	76	80	02	11	13	33	33	00000000 07 8
00000080	84	28	20	46	93	77	14	11	42	86	76	49	88	88	5A	8D	00000000 08 8
00000090	08	08	08	08	08	08	08	08	80	08	80	08	80	08	80	08	00000000 09 8
000000A0	08	08	08	08	08	08	08	08	80	08	80	08	80	08	80	08	00000000 10 8
000000B0	08	08	08	08	08	08	08	08	80	08	80	08	80	08	80	08	00000000 11 8
000000C0	08	08	08	08	08	08	08	08	80	08	80	08	80	08	80	08	00000000 12 8
000000D0	08	08	08	08	08	08	08	08	80	08	80	08	80	08	80	08	00000000 13 8
000000E0	08	08	08	08	08	08	08	08	80	08	80	08	80	08	80	08	00000000 14 8
000000F0	08	08	08	08	08	08	08	08	80	08	80	08	80	08	80	08	00000000 15 8

In addresses from **03F** to **041** and from **054** to **057** change these values into **00 00 FF FF** in **24C02** memory

03F - 041 = 00 00 FF FF
054 - 057 = 00 00 FF FF

Warning!!!

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