

## Universal Car Emulator Programs:

### *Immo programs*

Renault with CAN - ver 2.....2

Program	Use
Renault with CAN - ver 2	EDC 16 EDC16 with separate flash <a href="#">GO TO VIDEO</a> Siemens SIM32 <a href="#">GO TO VIDEO</a> Delpi DCM1.2 <a href="#">GO TO VIDEO</a> Sagem S3000 Delphi DCM3.4 EMS3110

### Wiring colour codes



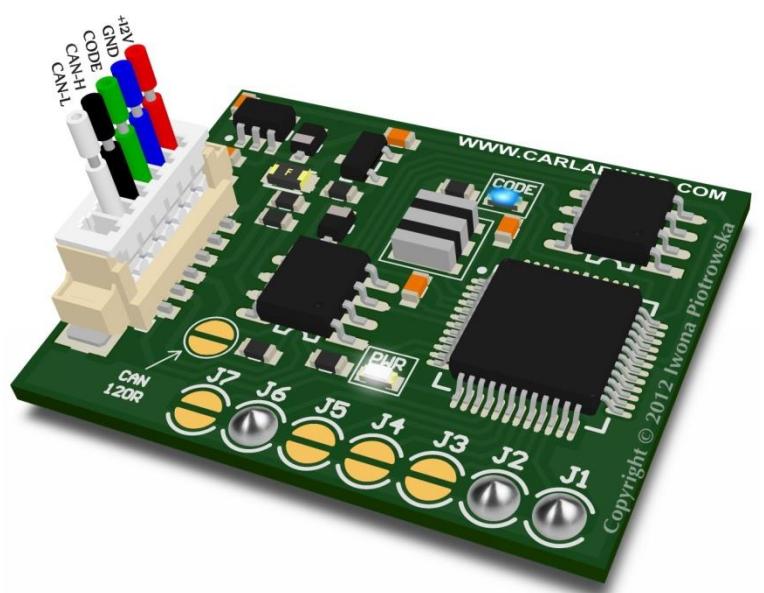
### The LED behavior

- no jumpers – diagnostic mode - it flashes every second
- adjusting to the ECU – flashing 0,1 sec
- after adjusting it lights constantly and blinks every other second

## Renault with CAN - ver 2

In Universal Emulator  
solder jumpers J1, J2 and J6

*Emulator will work, when diagnosis goes  
along CAN*



*If the emulator doesn't work, solder jumpers J2 and J6*

### USE

#### EDC16

EDC16 with separate flash

SIEMENS SIM32

DELPHI DCM1.2

SAGEM S3000

DELPHI DCM3.4

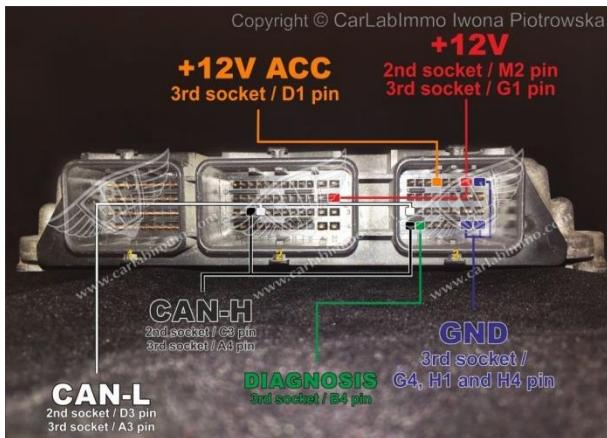
EMS3110

[GO TO VIDEO](#)

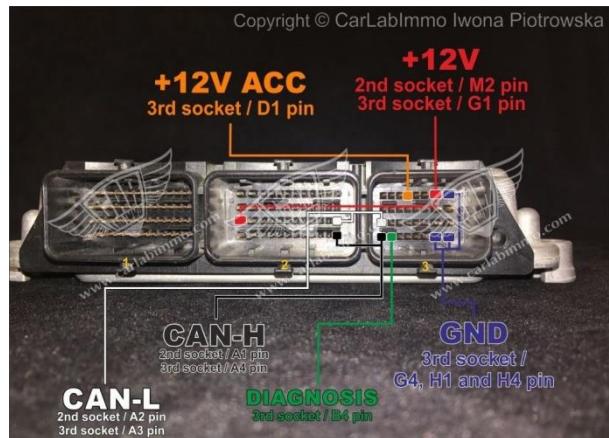
[GO TO VIDEO](#)

[GO TO VIDEO](#)

## EDC16



EDC16 v1



EDC16 v2



### Connecting emulator to ECU

**+12V ACC 3/D1 pin**

**GND 3/G4 pin**

**CAN H 3/A4 pin**

**CAN L 3/A3 pin**



### If you use CAN emulator:

1. Cut CAN-L line from the ECU plug.
2. Put the switch-key inside the cabin by the ignition switch.
3. After inserting the key, disconnect with CAN-L switch and start the ignition.
4. Short it with CAN-L switch and start the car.
5. That is a security switch, so that you can start the car safely.

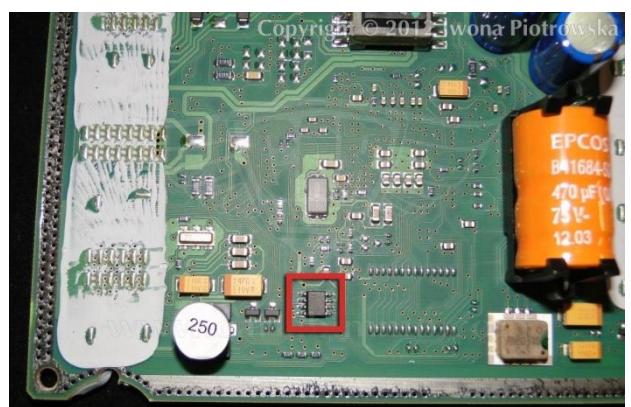
### EDC16 with separate flash



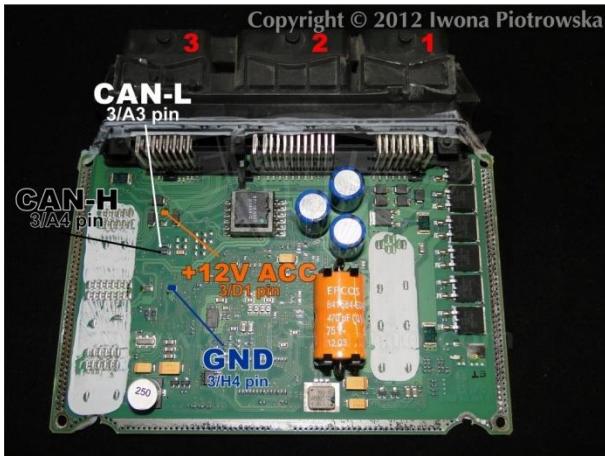
EDC16 v1



EDC16 v2



Find Eeprom memory in ECU



## Connecting emulator to ECU

+12V ACC 3/D1 pin

GND 3/H4 pin

CAN H 3/A4 pin

CAN L 3/A3 pin

OFFSET	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00000000	00 20 65 A1 38 FF FF 31 33 2D 30 31 2D 30 34 FF
00000010	FF FF 31 33 2D 30 31 2D 30 34 08 10 18 76 22 69
00000020	13 01 04 18 24 49 31 30 33 37 33 36 38 37 33 34
00000030	01 0A 2E 2F 32 32 38 37 33 35 38 41 4E 4C F0 11
00000040	00 01 00 55 AA FE FE 00 00 00 00 00 00 00 00 00 00 01
00000050	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00000060	00 01 8C 0F 94 33 E7 14 D9 5A C1 66 B2 41 26 A5
00000070	3E 99 4D BE F7 87 00 00 00 00 00 00 00 00 00 00 00 00
00000080	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00000090	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
000000A0	56 46 31 43 4D 32 47 30 36 33 31 39 32 33 32
000000B0	36 B9 49 FE 02 00 00 00 00 00 00 00 00 00 00 00 00 00
000000C0	00 00 00 00 20 00 20 00 20 00 20 00 20 00 00 00 FF FF
000000D0	BF B4 03 E0 00 14 F8 2F FF D4 06 20 40 94 00 00 00 00
000000E0	00 00 00 00 00 00 F7 1E 00 00 00 00 00 00 00 00 00 00

Find repeated values from 062 to 075 addresses and change this values into 8C 0F 94 33 E7 14 D9 5A C1 66 B2 41 26 A5 3E 99 4D BE F7 87 in all eeprom memory content

1<sup>st</sup> possible change of memory

Find repeated values from 062 to 075 addresses and change these values into 8C 0F 94 33 E7 14 D9 5A C1 66 B2 41 26 A5 3E 99 4D BE F7 87 in all eeprom memory content

OFFSET	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00000620	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00000630	9B 93 15 A8 01 53 C1 9D 97 9E 00 00 00 00 00 00 00
00000640	00 00 00 00 01 02 02 02 02 02 04 01 01 01 06 FF
00000650	FF FF 06 0A FF FF 00 00 00 3D 00 00 00 D7 31 9E
00000660	E3 41 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00000670	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00000680	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00000690	00 FF E9 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
000006B0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
000006C0	FF FF FF FF 04 C0 FB 28 00 00 00 00 00 00 00 00 00 00
000006D0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
000006E0	00 01 8C 0F 94 33 E7 14 D9 5A C1 66 B2 41 26 A5
000006F0	3E 99 4D BE F7 87 00 00 00 00 00 00 00 00 00 00 00 00
00000700	00 01 2F 2F FF 87 00 00 00 00 00 00 00 00 00 00 00 00

Find repeated values from 06E2 to 06F5 addresses and change this values into 8C 0F 94 33 E7 14 D9 5A C1 66 B2 41 26 A5 3E 99 4D BE F7 87 in all eeprom memory content

2<sup>nd</sup> possible change of memory

Find repeated values from 06E2 to 06F5 addresses and change these values into 8C 0F 94 33 E7 14 D9 5A C1 66 B2 41 26 A5 3E 99 4D BE F7 87 in all eeprom memory content

OFFSET	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00000900	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	01
00000910	01	01	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00000920	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00000930	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00000940	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00000950	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00000960	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	01
00000970	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00000980	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00000990	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
000009A0	FF	D5	FF	C8	FF	B6	FF	DB	F8	B8	00	00	00	00	00	00
000009B0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
000009C0	00	01	8C	0F	94	33	E7	14	D9	5A	C1	66	B2	41	26	A5
000009D0	3E	99	4D	BE	F7	87	00	00	00	00	00	00	00	00	00	00
000009E0	00	FF	E0	00	00	00	00	00	00	00	00	00	00	00	00	00

Find repeated values from 9C2 to 9D5 addresses and change this values into  
**8C 0F 94 33 E7 14 D9 5A C1 66 B2 41 26 A5**  
**3E 99 4D BE F7 87** in all eeprom memory content

3<sup>rd</sup> possible change of memory

Find repeated values from **9C2** to **9D5** addresses and change these values into  
**8C 0F 94 33 E7 14 D9 5A C1 66 B2 41 26 A5**  
**3E 99 4D BE F7 87** in all eeprom memory content

OFFSET	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00000A40	FF	FF	FF	FF	07	18	FB	C5	00	00	00	00	00	00	00	00
00000A50	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00000A60	00	01	8C	0F	94	33	E7	14	D9	5A	C1	66	B2	41	26	A5
00000A70	3E	99	4D	BE	F7	87	00	00	00	00	00	00	00	00	00	00
00000A80	00	01	2F	2F	FF	7E	00	00	00	00	00	00	00	00	00	00
00000A90	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00000AA0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00000AB0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00000AC0	5A	FF	2E	00	00	00	00	00	00	00	00	00	00	00	00	00
00000AD0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00000AE0	FF	FC	FF	66	01	9A	FF	FC	E0	00	01	5A	F8	6C	00	00
00000AF0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00000B00	00	00	00	00	00	00	FF	FB	FF	FB	00	00	00	00	00	00
00000B10	00	00	00	00	00	03	1F	04	B0	01	F4	01	F4	00	FF	00
00000B20	00	00	00	00	00	00	00	00	00	8A	D3	8A	D3	FE	0C	D8

Find repeated values from 0A62 to 0A75 addresses and change this values into  
**8C 0F 94 33 E7 14 D9 5A C1 66 B2 41 26 A5**  
**3E 99 4D BE F7 87** in all eeprom memory content

4<sup>th</sup> possible change of memory

Find repeated values from **0A62** to **0A75** addresses and change these values into  
**8C 0F 94 33 E7 14 D9 5A C1 66 B2 41 26 A5**  
**3E 99 4D BE F7 87** in all eeprom memory content

OFFSET	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00000730	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00000740	0F	F0	FE	E9	00	00	00	00	00	00	00	00	00	00	00	00
00000750	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00000760	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00000770	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	FF
00000780	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	E7
00000790	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	FF
000007A0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	E6
000007B0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
000007C0	00	01	8C	0F	94	33	E7	14	D9	5A	C1	66	B2	41	26	A5
000007D0	3E	99	4D	BE	F7	87	00	00	00	00	00	00	00	00	00	00
000007E0	3E	1E	35	36	37	35	33	33	35	36	38	3C	3E	3F	41	41
000007F0	00	00	00	00	00	FF	01	02	FB	6D	00	00	00	00	00	00

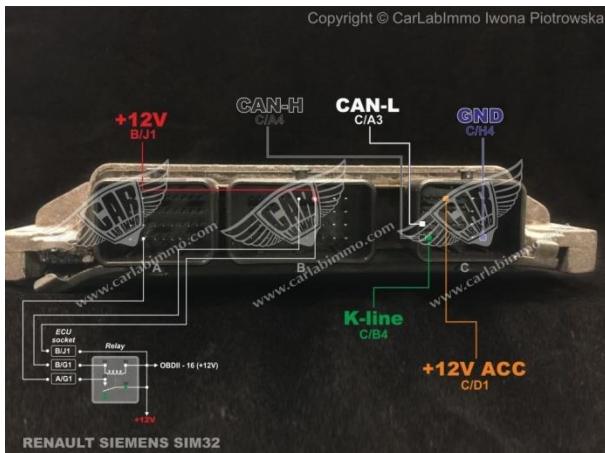
Find repeated values from 7C2 to 7D5 addresses and change this values into  
**8C 0F 94 33 E7 14 D9 5A C1 66 B2 41 26 A5**  
**3E 99 4D BE F7 87** in all eeprom memory content

5<sup>th</sup> possible change of memory

Find repeated values from **7C2** to **7D5** addresses and change these values into  
**8C 0F 94 33 E7 14 D9 5A C1 66 B2 41 26 A5**  
**3E 99 4D BE F7 87** in all eeprom memory content

For Nissan Interstar ECU 0 281 012 200 cut pin D3 from connector "A" (middle connector).  
This is the CAN L line!!!

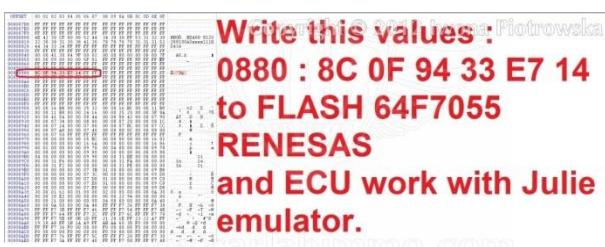
## SIEMENS SIM32



[Click on the thumbnail to watch the video](#)



Find [63F7055 RENESAS](#) flash memory in ECU



In the addresses from [880](#) to [885](#)  
write [8C 0F 94 33 E7 14](#) values



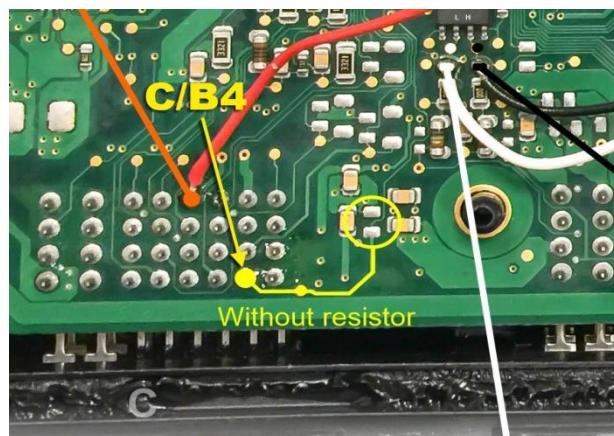
+12V ACC C/D1 pin

GND C/H4 pin

CAN H C/A4 pin

CAN L C/A3 pin

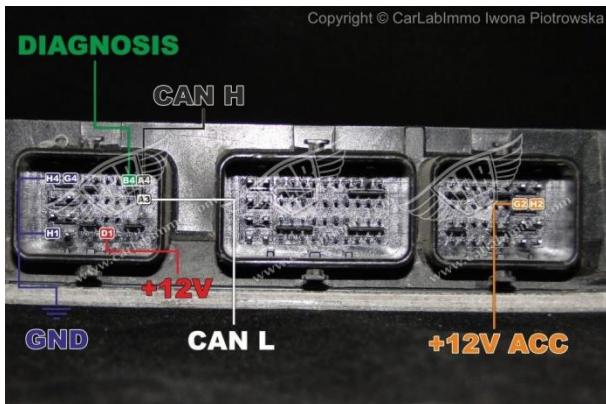
### Connecting emulator to ECU



#### ATTENTION!

**EMULATOR WORKS ONLY WITH ECUS WHICH HAVE NO RESISTOR  
IN PLACE MARKED ON THE PHOTO.**

## DELPHI DCM1.2



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Find **95160** memory

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Connecting emulator to ECU

+12V ACC 3/D1 pin

GND 3/H1 pin

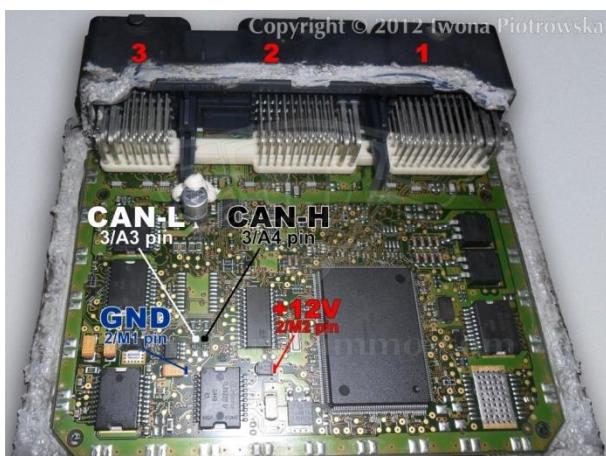
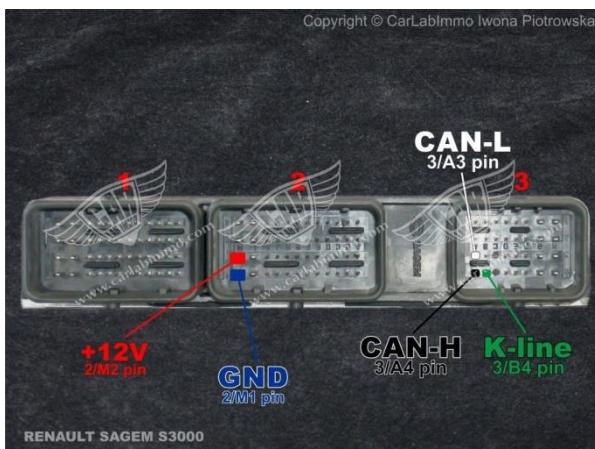
CAN H 3/A4 pin

CAN L 3/A3 pin

OFFSET	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F
00000000	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00000010	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00000020	00 00 C3 00 C3 00 00 00 00 00 00 00 00 00 00 00 C3
00000030	F3 37 07 29 32 D8 B7 35 86 02 C5 01 C2 00 C3 0F
00000040	CC 00 C3 00 C3 00 C3 6C 00 BF FE 60 00 E0
00000050	FE 60 00 E0 FE 3C 00 44 FF 18 00 A8 FF 10 00 C0
00000060	FF 08 00 D8 FF 26 2D 00 53 FF 28 00 58 FF 22 00
00000070	2E FF 18 00 68 FF 0E 00 A2 FF 0E 00 A2 FF 0E 00
00000080	A2 FF E2 31 00 BA FF 28 00 D6 FE 36 00 CA FE 0C
00000090	00 34 FF E2 FF 9E FF E2 FF 9E FF E2 FF 9E FF 01
000000A0	DE FF ED FF E4 FF DC FF DA FF C6 FF F8 FF A8 FF
000000B0	16 00 8A FF 06 00 BA FF F6 FF EA FF B8 00 C3 FF
000000C0	FF
000000D0	FF
000000E0	FF
000000F0	FF C3 FF
00000100	FF
00000110	00 00 00 00 00 00 00 00 00 00 00 C3 00 C3 00 00 00
00000120	00 C3 E8 FF D4 F0 FF CC 20 05 00 00 BA 0C 5C 0B
00000130	F1 2F 00 00 00 02 00 00 00 FF 00 01 05 03 00
00000140	86 34 00 76 01 FF 19 3D 01 0D 27 04 00 C3 27 5A
00000150	37 6A 02 AC 2E 00 00 00 00 FF 02 02 00 00 00 CC
00000160	00 00 25 00 FF SB 3B 00 EC 1B D0 44 0B 2D 02
00000170	00 00 01 00 32 41 00 00 02 00 03 05 00 00 00 00
00000180	00 30 00 FF 0B 16 02 00 00 2A 0B 30 0B F2 1B 00
00000190	00 D0 00 D0 00 D0 02 00 04 05 01 00 00 00 00 00

In **95160** memory in the addresses from **00** to **1F** change values into **00**

## SAGEM S3000



## Connecting emulator to ECU

+12V ACC 2/M2 pin

GND 2/M1 pin

CAN H 3/A4 pin

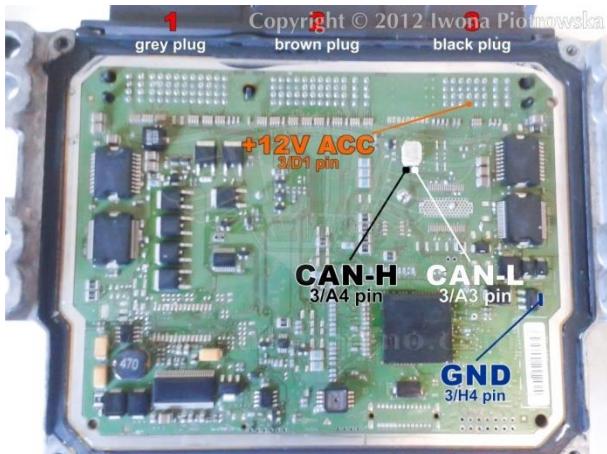
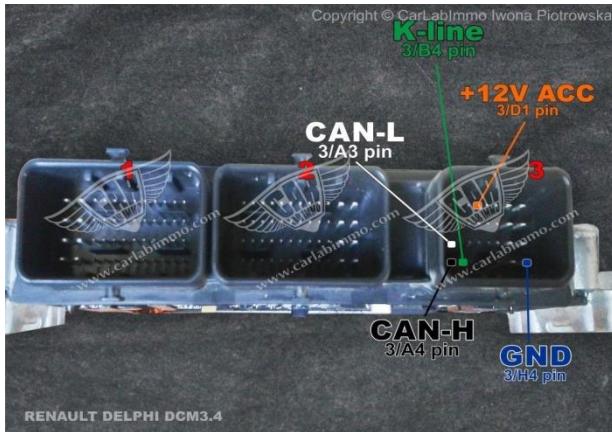
CAN L 3/A3 pin

In **Eeprom** memory in the addresses from **420** to **42C** change values into  
**FF FF 05**

OFFSET	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
000000300	00	00	00	00	FF	FF	00	00	00	00	00	00	00	00	00	00
000000310	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
000000320	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
000000330	00	00	00	00	00	00	00	00	00	FF	FF	00	00	00	00	00
000000340	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
000000350	00	00	00	00	00	00	00	00	FF	FF	00	00	00	00	00	00
000000360	21	C8	00	00	00	00	01	C8	36	8C	06	0F	00	00	00	00
000000370	0F	0F	00	00	00	00	00	00	00	05	01	01	01	47	49	4A
000000380	87	C0	14	9A	1B	25	05	00	01	7D	BD	2D	05	2F	05	S...S...Z.../`
000000390	01	02	23	19	01	A3	01	01	00	00	3D	40	00	00	00	00
0000003A0	42	94	11	00	13	15	50	00	00	3C	40	00	00	7A	42	AB...#...L...P...<...zB
0000003B0	00	23	44	00	00	87	41	00	00	87	41	00	00	87	41	AB...#...A...#...A
0000003C0	91	73	00	00	E2	40	00	00	00	00	00	00	25	00	00	00
0000003D0	00	00	00	00	00	00	00	00	31	42	00	SE	00	00	00	00
0000003E0	00	40	00	40	00	40	50	55	BE	00	00	37	C2	00	00	00
0000003F0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
000000400	FF															
000000410	FF															
000000420	FF															
000000430	FF															
000000440	00	00	00	00	00	00	00	00	00	00	00	00	FF	48	01	00
000000450	44	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
000000460	45	9E	00	00	25	00	00	00	10	04	01	00	00	72	74	00
000000470	14	2C	03	10	9K	B4	69	46	00	10	00	01	00	00	00	00
000000480	73	C3	72	C2	00	00	13	B4	33	A1	00	78	00	00	00	00
000000490	00	1B	01	00	01	CE	02	00	00	00	FF	41	3C	00	00	00
0000004A0	80	09	03	0D	00	80	00	3D	B5	66	00	85	03	61	00	00

In addresses from **0400** to **043F** change values to **FF**

DELPHI DCM3.4



## Connecting emulator to ECU

+12V ACC 3/D1 pin

GND 3/H4 pin

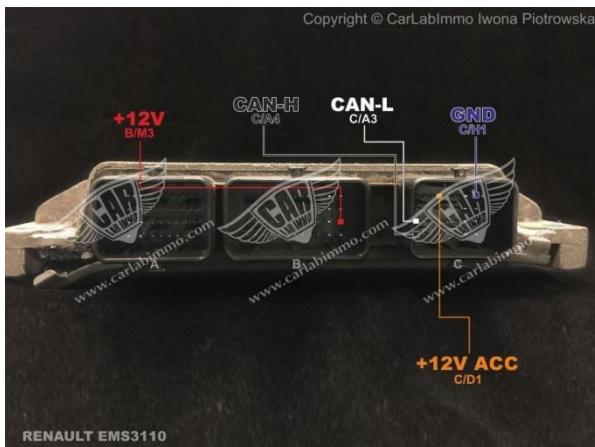
CAN H 3/A4 pin

**CAN L 3/A3 pin**

OFFSET	00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F	CarLabImmo Iwona Piotrowska
00000000	4E 4F 20 56 49 52 47 49 4E 00 02 8D 50 34 43 38	NO VIRGIN. TP4C8
00000010	36 49 48 34 5F 32 36 4A 61 6E 32 30 31 32 20 20	6HH4_26Jan2012
00000020	20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 20	
00000030	20 20 32 33 37 31 30 32 30 35 31 52 09 3C 00 00	
00000040	14 E7 33 94 0F 8C 02 5E 00 00 00 00 00 00 00 00	237102651R <.. c3" S... ..A0zD à...
00000050	00 01 00 00 00 01 C1 40 98 44 01 E8 02 02 02 02	
00000060	30 42 04 20 42 02 10 10 30 42 04 20 42 02 10 10	0B B...OB B...
00000070	0B 41 9A 1F 21 53 70 E7 67 03 D0 CA 30 A5 41 9A	taS. (S)cg DE0AAš
00000080	1D 11 92 79 D7 28 FB AF CA 40 C1 41 A0 2D 11 D1	..y((UZE9AA -N
00000090	79 E8 FE 49 ED 44 49 49 49 49 49 49 49 49 49 49	yccuñlqA -Ng0"
000000A0	E3 AB 46 00 01 01 01 01 00 00 00 00 00 00 00 00 00	&cF...
000000B0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	
000000C0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	
000000D0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	
000000E0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	
000000F0	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	
00000100	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	
00000110	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	
00000120	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	
00000130	FF F1 FF F1 FF F1 FF F1 FF CC FF C0 00 1A FF B2	..n..n..n..E E.. R..E E..s..L..L&
00000140	09 C0 09 99 0A CC 0A CC 00 73 00 4C 00 4C 00 26	
00000150	01 80 01 CC 02 19 02 19 00 99 00 73 00 4C 00 4C	I..E..s..L..L
00000160	00 00 FF FC FF FC FF F4 FF F4 FF F4 FF F4 FF F4	..u..u..u..u..u..o
00000170	FF F0 FF F5 18 FF F0 00 29 FF F2 29 FF F2 29 FF F2	..i..i..A..(2..(.
00000180	00 03 00 00 00 00 F7 FF FB F6 00 00 00 00 00 00 00	..d..d..d..d..d..o
00000190	00 0C 00 00 00 12 FF CA 00 15 00 15 00 15 00 00 F6	..E..
000001A0	00 0C 00 00 FF FD 00 03 52 AC 00 02 2C 0B 00 02	..y..R..
000001B0	24 B1 00 02 2C 2A 00 02 2C 2A 00 02 1D CD 00 02	..s..y..*
000001C0	1B B9 00 02 2B BE 00 02 2B BE 00 00 99 00 99 03 0F	..a..+1..+1..
000001D0	00 00 01 B0 00 0B B0 00 C5 00 B9 00 99 00 99 03 0F	..i..i..i..i..

In Eeprom memory in the address **040** to **047** change values into  
**14 E7 33 94 0F 8C 02 5E**

## EMS3110



### Connecting emulator to ECU

+12V ACC 3/D1 pin

GND 3/H1 pin

CAN H 3/A4 pin

CAN L 3/A3 pin

OFFSET	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00001BC0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001BD0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001BE0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001BF0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001C00	8C	0F	94	33	E7	14	73	F0	6B	CC	18	EB	00	00	00	00
00001C10	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001C20	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001C30	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001C40	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001C50	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001C60	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001C70	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001C80	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001C90	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001CA0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001CB0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001CC0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001CD0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001CE0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001CF0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001D00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001D10	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001D20	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001D30	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001D40	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001D50	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001D60	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001D70	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001D80	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001D90	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00001D9A	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00

In MPC processor in the addresses from  
**1C00** to **1C0B** change values into  
**8C 0F 94 33 E7 14 73 F0**  
**6B CC 18 EB**