

FIAT 4

Julie PRO Emulator instruction manual

IMMO OFF PROGRAM

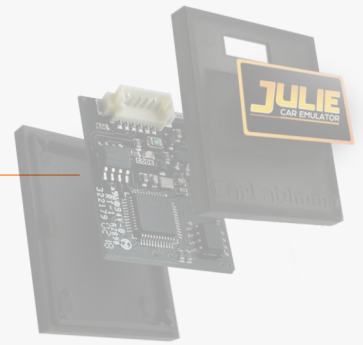


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ECUs that require sending ECU to our Laboratory:

Bosch **EDC16C7**
 Bosch **EDC15C7**
 Bosch **EDC15C5**
 Bosch **MED17**
 Bosch **MED17.31**
 Bosch **MED9.6**
 Bosch **MED7.6.2**
 Bosch **ME7.6.3**
 Bosch **ME7.3.1**
 Bosch **ME2.1**
 Bosch **M1.5.5**

Magneti Marelli **IAW 6J**
 Magneti Marelli **IAW 59F**
 Magneti Marelli **IAW 49F**
 Magneti Marelli **8GSF**

Siemens **SID803A**

Contact us before sending the ECU>

● Program introduction

Program requires Julie PRO Emulator:

Not sure which version you have? See the video below



Program usage

Cars with ECUs listed below:

Bosch EDC17C49
Bosch ME 9.1.1



Example ECUs (Full list on page 7)

Bosch

0 281 030 911
0 261 209 311



Example cars (Full list on page 7)

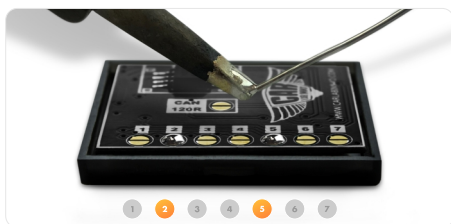
Fiat

Bravo

Maserati

GranTurismo S
GranTurismo
Quattroporte GT S
Quattroporte S

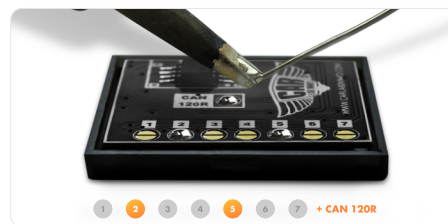
● ● ● Jumpers to solder for Bosch EDC17C49



To choose the program you have to solder specific jumpers on the back of the Emulator:

2 + 5

● ● ● Jumpers to solder for Bosch ME 9.1.1

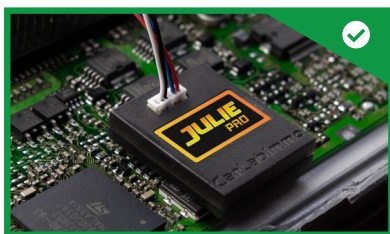


To choose the program you have to solder specific jumpers on the back of the Emulator:

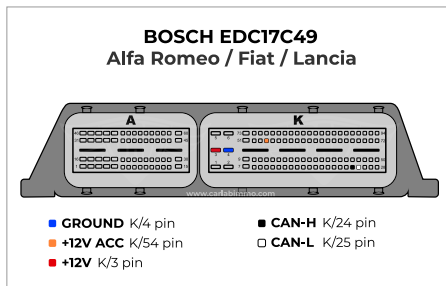
2 + 5 + CAN 120R

Attention!

Always put the Emulator back into the plastic cover before attaching it to the ECU board.
Attaching the Emulator to the ECU board without the plastic cover may result in damaging the ECU or the Emulator!

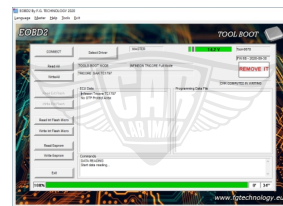


Bosch EDC17C49



1

Find **SAK TC1797** Tricore processor using dedicated tool.



2

Read the content of the memory.

Find the values in addresses from 8108 to 810D (marked in orange).

Read values: **07 EA DA 74 A4 99**

(This is only an example. Read values will be different in every ECU)

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
000080C0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
000080D0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
000080E0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
000080F0	00	00	00	00	00	00	00	00	04	00	00	00	AC	41	E7	F1
00008100	08	00	C8	96	30	40	00	00	07	EA	DA	74	A4	99	00	13
00008110	80	77	7C	E5	D4	00	00	00	00	00	00	00	00	00	00	00
00008120	03	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00008130	FF	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
00008140	04	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00

3

Unsolder 24C02 memory from the back of Julie Emulator



4

Write these values onto the 24C02 memory unsoldered from Julie.

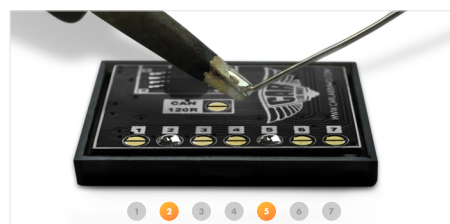
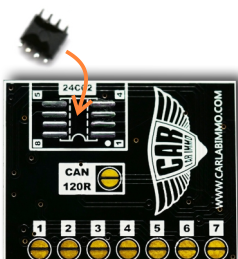
	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00000000	07	EA	DA	74	A4	99	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
00000010	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
00000020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
00000030	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
00000040	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
00000050	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
00000060	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
00000070	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
00000080	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF

5

Solder back the 24C02 memory

Use tin to bridge leg 7 and 8 of the 24C02 memory

To choose the program you have to solder specific jumpers on the back of the Emulator:



Bosch EDC17C49

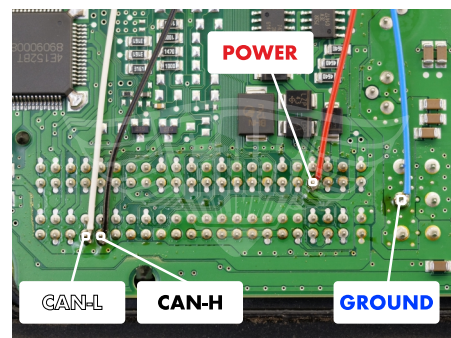
6

Connect Julie Emulator to the ECU according to the pictures on the right



Attention!

- Disconnect antenna coil from ignition switch!



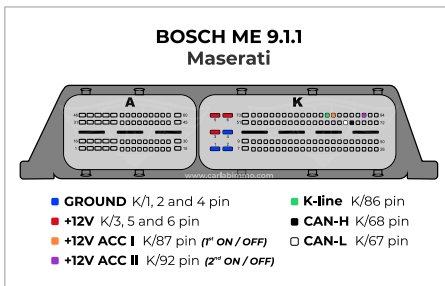
7

Check the Julie's LED behaviour
If the procedure is successfully completed the
blue LED lights constantly and blinks once every two seconds!



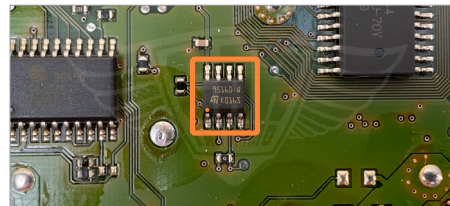
End of the procedure

Bosch ME 9.1.1



1

Find **95160** EEPROM memory and unsolder it



2

Using a programmer, read the content of the ECU's EEPROM memory.

Find the values in addresses from 042 to 047 (marked in **orange**).

Read values: **69 1D D0 01 84 DF**

(This is only an example. Read values will be different in every ECU)

00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00000000	02 2F 72 8A 38 FF FF	31 30 20 30 37 2D 32 30 08	10 14 80 02 37	20 07 10 17 55 13 31 30	33 37 33 38 35 32 33 31	00000020	01 01 2F 2F 31 30 33 37 33 38 33 37 38 35 F3 69	00000040	03 E8 69 1D D0 01 84 DF	00 05 0F 37 38 97 6C FF	00000060	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF
00000080	04 4D 32 36 36 38 39 37	2E 30 3D 31 20 30 32 36	000000A0	000000C0	000000E0	00000100	00000120	00000140	00000160	00000180	000001A0	000001C0	000001E0	00000200	00000220

3

Unsolder 24C02 memory from the back of Julie Emulator



4

Write these values onto the 24C02 memory unsoldered from Julie.

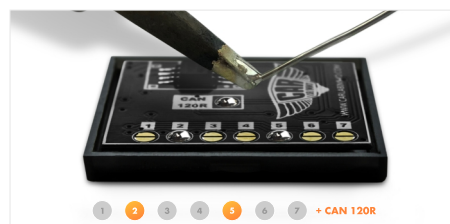
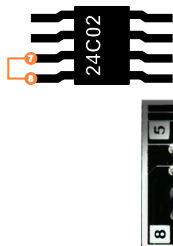
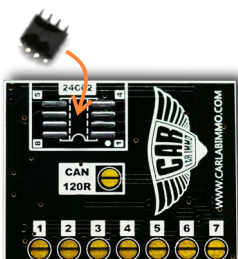
00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00000000	69 1D D0 01 84 DF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF
00000020	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF
00000040	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF
00000060	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF
00000080	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF	FF FF FF FF FF FF FF FF

5

Solder back the 24C02 memory

Use tin to bridge leg 7 and 8 of the 24C02 memory

To choose the program you have to solder specific jumpers on the back of the Emulator:



Step 6 on the next page

Bosch ME 9.1.1

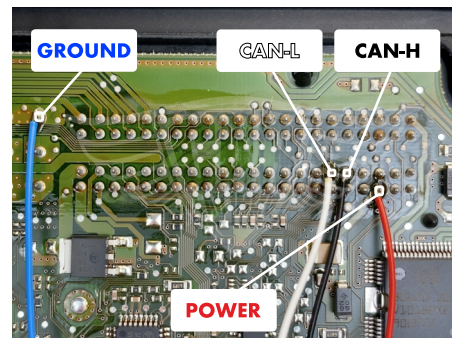
6

Connect Julie Emulator to the ECU according the pictures on the right



Attention!

- Disconnect antenna coil from ignition switch!



7

Check the Julie's LED behaviour
If the procedure is succesfully completed the
blue LED lights constantly and blinks once every two seconds!



End of the procedure

● Example cars and ECUs



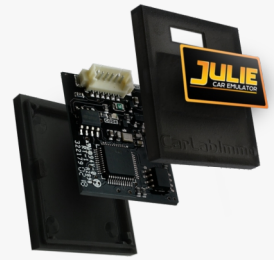
Program usage



Example cars



Example ECUs



BOSCH

Bosch
EDC17C49
Page 3

Fiat Bravo 1.6 JTD 105HP 2007-2014

0 281 030 911 (Fiat Bravo 1.6 JTD 105HP 2013)

Bosch
ME 9.1.1
Page 5

Maserati GranTurismo S 4.7 440HP 2008-2012
Maserati GranTurismo 4.2 405HP 2007-2017
Maserati Quattroporte GT S 4.7 440HP 2003-2012
Maserati Quattroporte S 4.7 431HP 2003-2012

0 261 209 311 (Maserati GranTurismo 4.2 405HP 2015)