

Julie - Universal Car Emulator Programs:

Tachometer tester programs

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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

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Tachometer tester programs

USE

You can use it to turn on the instrument cluster on the table in order to diagnose faults. After connecting the emulator to instrument cluster, most of instrument cluster segments are displayed making it easier to locate damaged areas.

This emulator is reusable!

Tested on tacho:

Audi Q7 and A6
Citroen C4 Picasso
EMF Display
Renault Kangoo 3 Display
Renault Scenic II, Espace IV Tacho
Renault Scenic II Full
Renault Scenic III + Navi
VW Passat B6

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Audi Q7 and A6

In Universal Julie Emulator
solder jumpers 2+4+6+CAN120R



Connecting to grey socket

+12V ACC	15 pin
GND	14 pin
CAN-L	1 pin
CAN-H	2 pin

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Citroen C4 Picasso

In Universal Julie Emulator
solder jumpers **1+2+4+6+CAN120R**



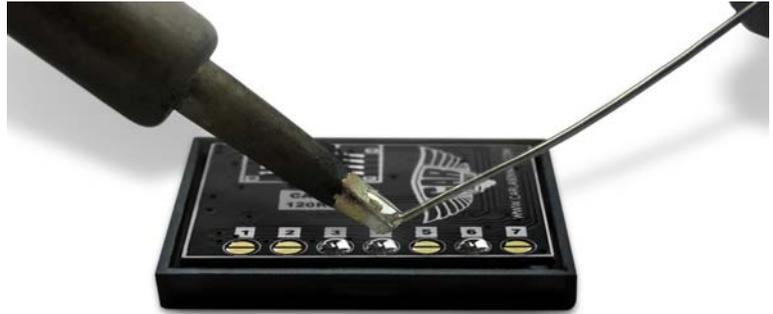
Connecting to yellow socket

+12V ACC	26 pin
GND	23 pin
CAN-L	13 pin
CAN-H	9 pin

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EMF Display

In Universal Julie Emulator solder jumpers 3+4+6



EMF DISPLAY
Citroen Peugeot

- GROUND 3 pin
- +12V 1 pin
- CAN-H 9 pin
- CAN-L 7 pin

Put a 20kΩ resistor between pin 7 and 9

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Renault Kangoo III Display

In Universal Julie Emulator
solder jumpers 1+3+4+6+CAN120R



Connecting to display socket

+12V ACC	3 pin
GND	12 pin
CAN-L	15 pin
CAN-H	16 pin

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Renault Scenic II, Espace IV, Megane II

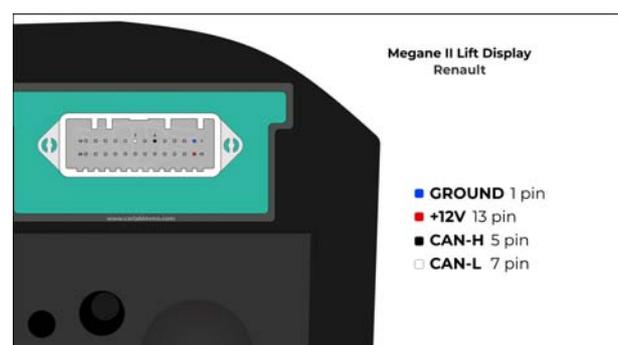
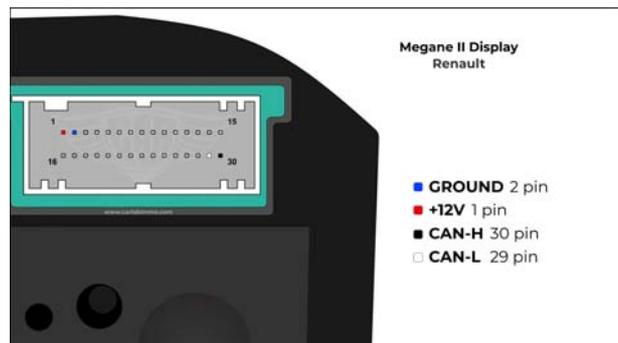
In Universal Julie Emulator
solder jumpers **1+2+4+5+CAN120R**



Connecting to grey socket



+12V ACC	1 pin
GND	2 pin
CAN-L	29 pin
CAN-H	30 pin



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Renault Scenic II, Espace IV Full

In Universal Julie Emulator
solder jumpers 4+6+CAN120R



Connecting to grey socket

+12V ACC	1 pin
GND	2 pin
CAN-L	29 pin
CAN-H	30 pin

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Renault Scenic III + Navi

In Universal Julie Emulator
solder jumpers **1+4+6+CAN120R**



Connecting to grey socket of tachometer

+12V ACC	2 pin
GND	3 pin
CAN-L	11 pin
CAN-H	12 pin

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VW Passat B6

In Universal Julie Emulator
solder jumpers 1+2+3+4+6+CAN120R



Connecting to blue socket

+12V ACC	31 pin
GND	16 pin
CAN-L	29 pin
CAN-H	28 pin

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Warning!!!

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



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