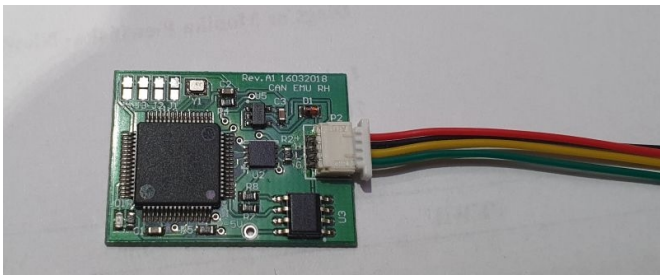# Emulator_Renault_CAN

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Getting Started

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Emulator Immo Renault variant 2

Supported models 2001-2021 CAN

Supported all kind of ECU Renault with immo system by CAN.

Pins description:
12+ -Red
GND- Green
CAN H - Black
CAN L -Yellow

Jumper description:
ON- mean pads are soldered
OFF-mean pads are not soldered

J3,J4 -OFF (always)

J1- OFF , J2-OFF -Renault Immo Emulator with CAN 500kb (most common)
J1- ON , J2-OFF -Renault Immo Emulator with CAN 250kb (some old models :Clio 2001- , Kango 2002- , Trafic 2004-, Master 2004-)
J1- OFF , J2-ON - Self Test Mode

Renault Immo Emulator
First we have to write ISK to 24c01 EEProm by programmer. Possible to write in circuit.
First 6 bytes in EEPROM (start from address 00 are ISK). ISK length always is 6 bytes.
You have to know ISK from your ECU.
Possible to read ISK by read EEPROM or Flash From ECU or by option Read ISK in UHDS.

If you want to read ISK by UHDS you have Read as UHDS show and result file you have to send to us. Calculation ISK from this file is payable.
By this option are supported all kind of ECU fox example MD1 , SID321.
Some ECU required to bypass immo for access to Read/Write EEPROM or Flash .
With This EMU You can read / write Flash or EEPROM in ECU which are normally prohibited to access (for example SID309 KWP, EMS3125 etc...)

Example how to should be set ISK in 24c01 EEPROM on Emulator:
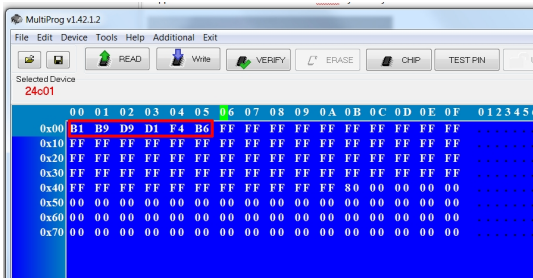
Self Test mode:

By setup this mode we can check version software in Emulator and check EEPROM memory on Emulator works properly .

First we solder jumpers as described above. Next power up Emulator from power supply 12V

LED should first by slow blinking show SW. For example: 1 blink, pause , 2 blinks - SW=12. If after show SW

LED will blink serie fast 2 blinks it mean EEProm problem (hardware defect)