

# Emulator\_VW\_Immo

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## Getting Started

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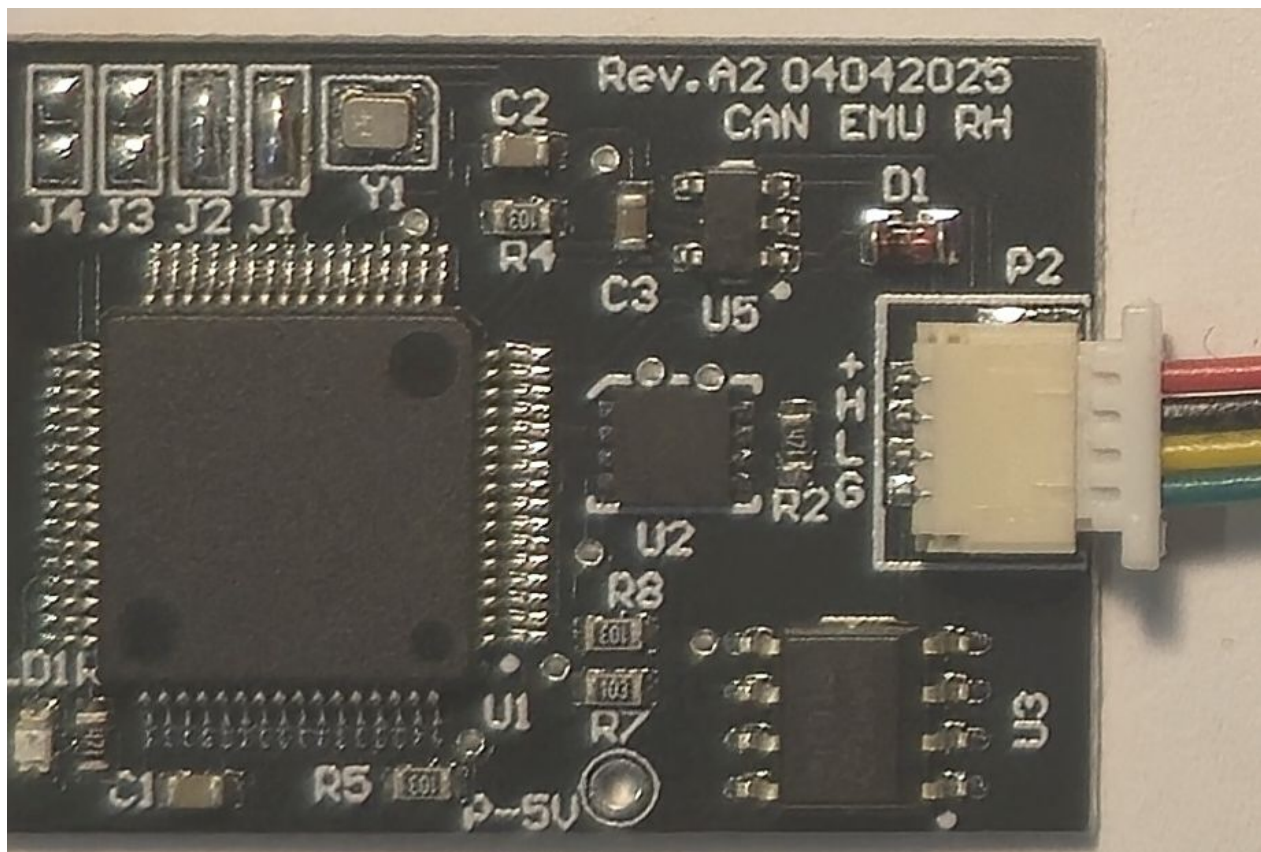
### System requirements

Requirements:

1. Emualor VW Immo
2. Programmer EEprom 24C01 memory
- 3.Tool UHDS or other for decode required data for put it in emulator

### Getting help

Emulator Photo:



Wires description:

RED +12V  
Black CAN H  
Yellow CAn L  
Green GND

J1...J4 -set configuration Emu:

J1 , J2 , J3 , J4 -open - Emulator in test mode. After power it it blink SW version (for example 1 Long and 3 times short blinks -sw = 13)

J2 -Closed , J2 , J3 , J4 -Open -Emulator Immo 3

J1 , J2 -Closed , J3 , J4 -Open -Emulator Immo 4

J1 -Closed , J2 , J3 , J4 -Open -Emulator Immo 5

J3 -Closed , J1 , J2 , J4 -Open -Emulator Immo 4 ELV

### Immo 3

#### Immo 3 Audi/VW/Seat/Skoda Emulator by CAN

Install Emu you have to solder 4 wires and program 24c01 EEPROM (on Emu Board).

J2 -Closed , J2 , J3 , J4 -Open -Emulator Immo 3 !!!

For create file 24c01 you have to use our program :Vw\_Emu\_Tool1.exe

Please choose Immo4 and next You must put 6 bytes CS

When all is done you can test ECU on board . Connect 12V to ECU and LED on Emulator should be ON (constant Light).

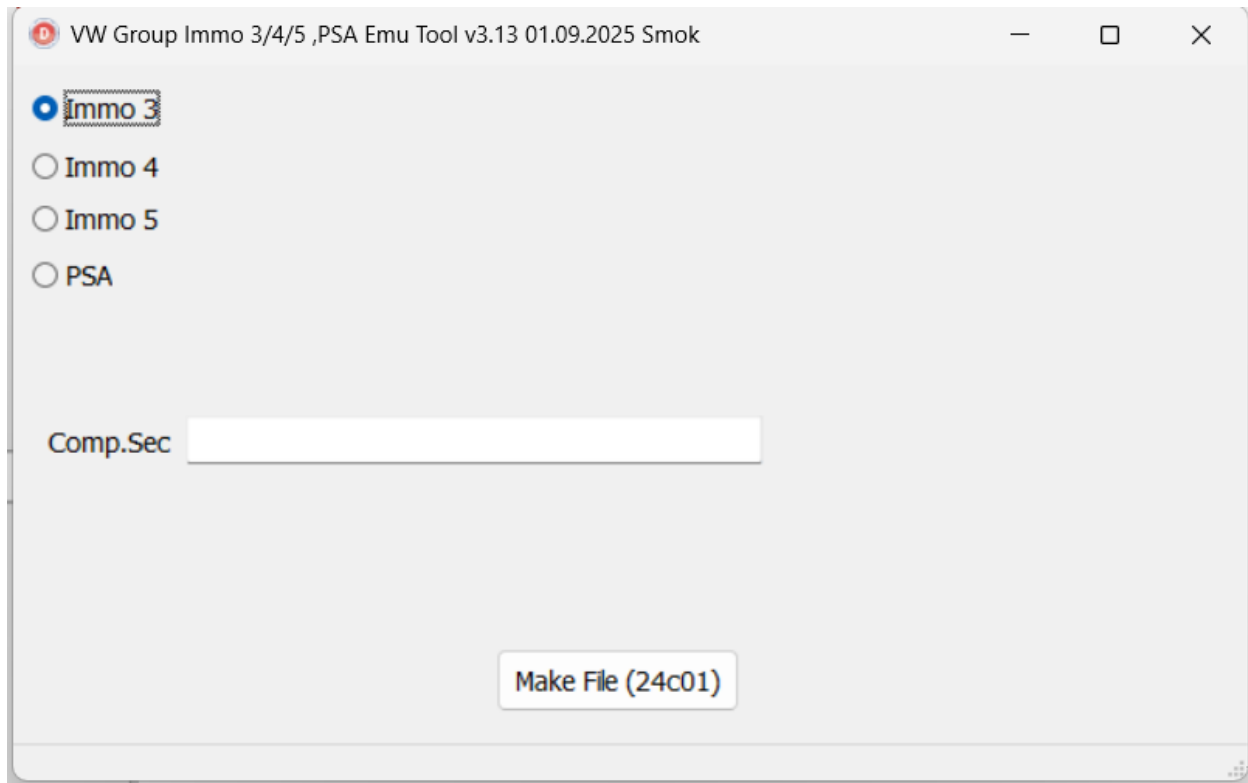
Switch ignition on, LED installed on EMU should be ON (constant Light).

If LED blinks regular then mean Emulator not get request from ECU

If LED blinks fast for some seconds then (wrong checksum inn 24c01 EEprom)

if LED is OFF then mean CS or other immo data are set wrong in 24c01 EEprom

If LED blinks 1 long and 4 short then EEprom 24c01 on Emu board is not programmed or wrong data is programmed.



## Immo 4

Immo 4 Audi/VW/Seat/Skoda Emulator

(EDC16, EDC17, MED17, MED9.1, MED9.5, PCR2.1, PPD1 etc...)

Emulator is designed for ECU with immo4 system. It replaces the original immo system and allows the engine to start.

Install Emu you have to solder 4 wires and program 24c01 EEPROM (on Emu Board).

Solder J1 and J2 jumper on Emulator board !!!!

For create file 24c01 you have to use our program :Vw\_Emu\_Tool1.exe

Please choose Immo4 and next You must put 6 bytes CS , MAC1 , PW(power class) and Brand CAR

Note: MAC1 some tools can show swaped for exaple: 1234 you must put 3412 ( you must check by self need swap or not).

When all is done you can test ECU on board . Connect 12V to ECU and LED on Emulator should be ON (constant Light).

Switch ignition on, LED installed on EMU should be ON (constant Light).

If LED blinks regular then mean Emulator not get request from ECU

If LED blinks fast for some seconds then (wrong checksum inn 24c01 EEprom)

if LED is OFF then mean CS or other immo data are set wrong in 24c01 EEprom

If LED blinks 1 long and 4 short then EEprom 24c01 on Emu board is not programmed or wrong data is programmed.

VW Group Immo 3/4/5 ,PSA Emu Tool v3.13 01.09.2025 Smok

☐ Immo 3  
☒ Immo 4  
☐ Immo 5  
☐ PSA

Comp.Sec  Brand

PW  MAC1 (ECU)

## Immo 5

Immo 5 Audi/VW/Seat/Skoda Emulator

## System requirements

What we need to have for install Emulator Immo5:

- 1.Immo5 Emulator Board
- 2.ECU with Immo5 system (Audi A4 2007... ) Golf7 , Octavia 3 , Audi A3 2012... etc... It works on kind of ECU Bosch , Siemens , Continental, Delphi (EDC17, MED17, Simos etc...)
- 3.We have to know actual ECU immo data : 16 bytes CS , 4bytes MAC (mean : 2 bytes MAC ECU , 2 bytes MAC Immo) .

Warning!! There is no possible to use Emulator if don't have above Immo Data.

J1 -Closed , J2 , J3 , J4 -Open -Emulator Immo 5.

We have to start software Vw\_Emu\_Tool1.exe

We choose Immo5 and next we have to fill data CS, MAC1 and MAC2

Now we press button Make File 24c01. Soft ask us for save output file.

Now with any eeprom programmer we write this file into 24c01 EEPROM localized on Emulator Immo5 board.

We

don't need desolder we can do by clip or of course we can desolder eeprom

and program it in programmer socket.

Now we have to connect Emulator to ECU. We connect 4 wires CAN H , CAN L, GND , +12V (term 15).

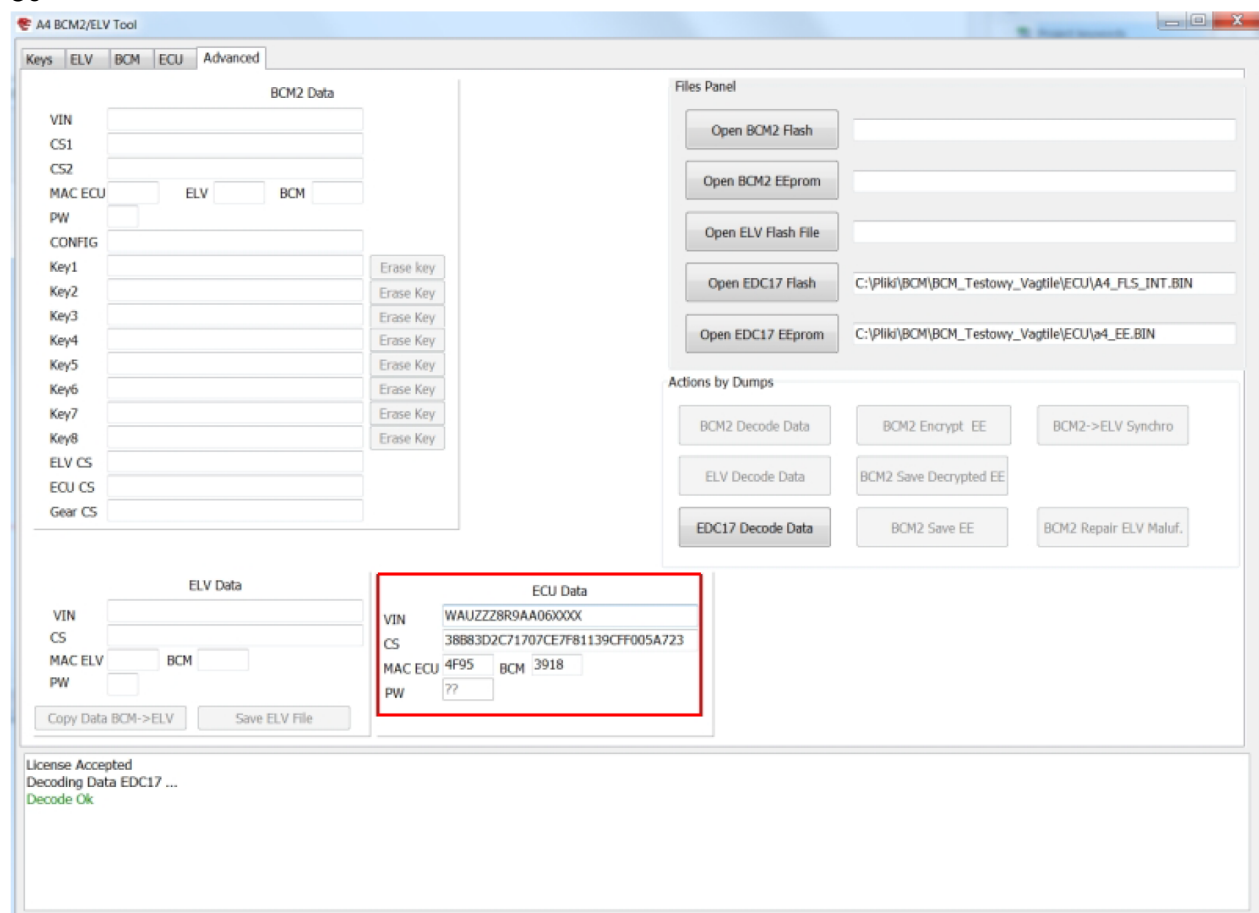
Switch ignition on, LED installed on EMU should be ON (constant Light).

If LED blinks regular then mean Emulator not get request from ECU

If LED blinks fast for some seconds then (wrong checksum inn 24c01 EEPROM)

if LED is OFF then mean CS or other immo data are set wrong in 24c01 EEPROM

Co



We required have dump flash file and eeprom and by option Immo 5 we can decode data from ECU.

Warning !!! If we use other soft for decode data we must know that MAC1 and MAC2 are sometimes swaped and

we must experiment how to write it.

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☐ Immo 3  
☐ Immo 4  
☒ Immo 5  
☐ PSA

Comp.Sec

MAC1 (ECU)

MAC2 (Immo)