VAG

immo emulator, for

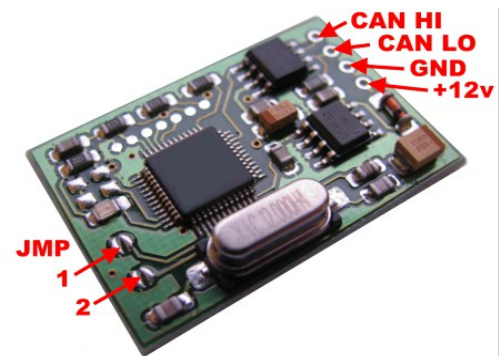## WFS4 (immo4) system

Description:

Designed for VAG cars equipped with WFS4 system (immo 4). Works via CAN at 500 kb.

Installation:

Connect device directly to CAN, attach ground wire and power supply (terminal "15", hot when ignition switched on).
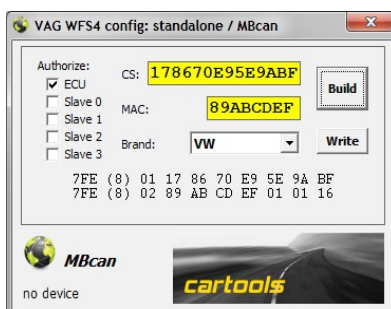
Both jumpers open (default) – emulator works using default settings:

- MAC: 89ABCDEF
- CS: 178670E95E9ABF
- configured for **VW**, authorize **ECU**.

You can store these settings into ECU if you wish. Although it is possible to store your own data using suitable CAN logger or **MBcan**. Proceed as follows:

- short both jumpers (place solder joints), attach logger or **MBcan**,
- launch WFS4 configurator, choose options you wish, press "Build". You will see 2 CAN messages on screen.
- Transmit both messages to CAN using logger. Or press "Write" if you have **MBcan**. In case of success CS and MAC fields go green. With logger you must see feedback from emulator like `7FF 8, cs cs cs cs cs cs mm mm`. If there is no response, no data actually stored. Try again.
- Remove one jumper (no matter which one) – another one must remain shorted (to avoid updates by accident).

LED on emulator:

- One short blink – on power-up,
- Long blink – at least one control unit authorized,
- If you see a series of short blinks: something goes wrong...

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