



## PORSCHE 993 immo emulator

911, 1994...1998 MY

### Purpose:

For Porsche cars, project 993, from 1994 and up to 1998, VIM133 / VIM145 immobilizer system.

Supported Engine Control Units (BOSCH numbers) :

- **0261203675 0261203678 0261203679 0261203758** or similar (Motronic M2.10.1 M06)
- **0261204008 0261204377** or similar (Motronic M5.2.2)

Programming is NOT necessary, emulator is Plug&Play.

### Installation:

- Power emulator from terminal “15” (hot when IGN\_ON), do not use main relay output. This is because emulator is active only first 5 seconds after power up to allow ECU diagnostics via OBD.
- If possible, install emulator inside ECU and power it from “15” after internal protection circuits. Or use external diode and surge voltage supressor.

### LED on emulator board:

- short **blink** at power-on,
- long **blink** – valid ECU request received, sending authorization response,
- series of short **blinks** – wrong ECU request received (incompatible / damaged system).