



HONDA

HIS- 5 immo emulator,

for Megamos – 48 based systems,
V2, with plug & play capability

How to install emulator (common method, Plug & Play):

- JUMPER must be open to allow emulator to update SYNC.
- Install emulator on car, turn IGN ON. If everything is OK you must see long blink (SYNC stored, ECU authorized). If you see series of short blinks or no LED activity at all, something is wrong, must try again.
- If everything seems OK, switch ignition OFF, place solder joint to short JUMPER. That's all to do.

Automatic procedure can fail for unknown reasons, it is possible to store SYNC manually:

- JUMPER must be open to allow emulator to accept SYNC.
- Attach any K-line compatible adapter and power supply, launch configurator software, choose COM port (valid values are from 1 to 4), store SYNC. In case of success LED on emulator board goes on (long blink), configurator software confirms about success.
- Place solder joint to short JUMPER. Emulator is ready to use and coded to car now.

How to get SYNC code:

- from ECU dump,
- from IMMO dump (93c46) – at address 0x35 you will see something like **01 11 22 33 01, 112233** is a SYNC code.
- Expert option – it is possible to sniff communication via diagnostic tool and ECU. After security access is granted it is possible to ask ECU for SYNC code.

Original IMMO connector pinout:

pin2: **+IGN**, pin6: **IMMO** line, pin7: **GND**

LED operation:

- Startup (power ON): two short blinks - alignment mode, one blink - JMP shorted (normal mode).
- Long blink – ECU authorized / SYNC accepted and stored (alignment mode),
- Series of short blinks: something goes wrong (SYNC not accepted by ECU, wrong response etc.)

Connection diagram:

