

Mitsubishi IMMO emulator V2

CAN HS 500kB

Grandis 03-08, (BSY, BWC VAG engines - not 4G6 !),
Pajero IV(V80) 06-present
Pajero/Montero SPORT II 08-16, Outlander II 06-12, Outlander III, Lancer X 08-, L200 IV 05-, ASX, RVR etc.

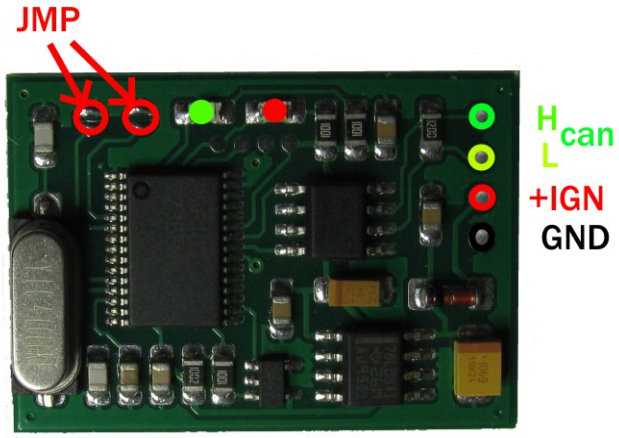
Citroen C-Crosser, C4 Aircross (except PSA diesel engine),
Peugeot 4007, 4008 (except PSA diesel engine).

Supported:

Almost all Mitsubishi models where ECU is authorized via HS CAN (500kB). Known exceptions: some specific cars with PSA diesel engines (mostly for EU market) which are **NOT supported** by this emulator. Emulator is Plug & Play, no additional programming necessary.

JMP on emulator board:

- both **open**: self-alignment mode
- any or both **shorted**: normal working mode.



LEDs:

- **RED**: ecu is NOT authorized
- **GREEN**: ecu is authorized.

Installation:

- Must attach four wires: CAN-Hi, CAN-Lo, GND (ground), +IGN (terminal ”15”). You may install emulator anywhere close to HS-CAN network and necessary power wires - inside ECU, near ETACS etc.
- JMP both must be open to allow self-teaching.
- Switch ON ignition. RED LED must go ON, ECU is not authorized. Wait until GRN_LED blinks shortly (must wait 3...5 seconds). Now switch IGN OFF, wait until ECU main relay releases, switch ignition ON. If everything is ok, GREEN LED must go on in 1 second - ECU is authorized now, you may try to start engine.
- If engine is authorized and car starts switch it off and place solder joint(s) on emulator board to short JMP (any or both, no matter!) to avoid further alignment or possible updates by accident.
- That's it!

LED behaviour:

- **RED** and **GREEN** both must go on shortly at power-up,
- **RED** remains on for one second while immobilizer is active (data exchange takes place),
- if ECU is authorized **GREEN** goes on permanently, **RED** turns off. Note that some ECU's remain authorized while main relay is not released. So if ignition is switched off and then turned on immediately, **GREEN** may go on immediately at startup.
- if **RED** and **GREEN** both off (while ignition on) - ECU is not communicating, something went wrong.

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