APRILIA MOTO

CAN - 500kb

immobilizer emulator

Designed for:

APRILIA bikes, authorization via CAN 500 kB, immobilizer inside dashboard – DORSODURO, TUONO, RSV4 etc. with IAW7SM or IAW5DM ECU's.
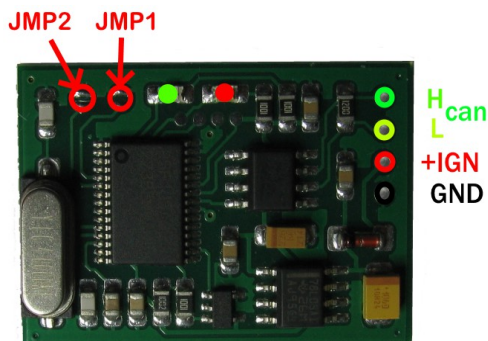Programming is not necessary, emulator is Plug&Play.

Installation:

Must attach 4 wires: **+IGN**, **GND**, **CAN-Hi**, **CAN-Lo**. You can find these wires almost anywhere on bike. **CAN** wires are twisted pair, usually **CAN-Hi** is orange, **CAN-Lo** is white/black.

If in trouble, necessary ECU to EMULATOR connections are listed below:
- **IAW7SM:**
  - pin40: **+IGN**,
  - pin4: **GND**,
  - pin80: **CAN-Hi**,
  - pin66: **CAN-Lo**
- **IAW5DM:** vehicle side connector (letter V on aluminium case)
  - pin12/pin29: **+IGN**,
  - pin4: **GND**,
  - pin46: **CAN-Hi**,
  - pin20: **CAN-Lo**

Nothing to do with **JMP1** and **JMP2**, leave them as is.

If you have original bike dashboard in your setup, you may remove 120ohm CAN terminator from emulator board (located close to CAN H and L pins). Not mandatory if using emulator for emergency startup or for testing purposes.

LEDs on emulator board:

- **GREEN** blinking: emulator is communicating;
- **RED** on: CAN communication error.

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