



SCOOTER

IMM003 / IMM006 immo emulator,

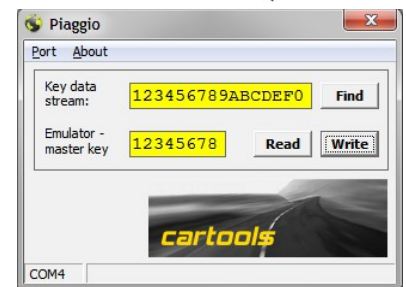
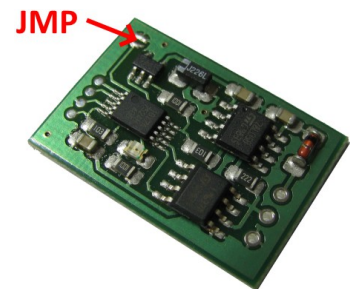
Piaggio, Gilera, Vespa, Peugeot, Ducati and so on: TEMIC-11 key and separate immobox.

Description and operation:

Must store MASTER KEY data into emulator. Theoretically it is possible to use virgin ECU too. No reason to describe principles of operation, go to <http://www.immo-tools.lt/en/products/piaggio-gilera-peugeot.htm> - ASW software home page and download manuals and / or buy tool. If you have valid and matched MASTER KEY you can read data from key using any suitable transponder reader and convert (decrypt) it using emulator configurator software.

How to store MASTER KEY data into emulator:

- Launch configurator software.
- If you have master key datastream, enter it into appropriate field and press "Find". If data is valid, key data is displayed in "master key" field, it goes green for 1 second. Any stream format is accepted (tango, kmrw, vvdi – no matter) if it is 8 bytes long.
- Or load MASTER KEY data from dump - usually it is 6 bytes long and looks like 00 00 12 34 56 78, use last 4 bytes.
- Attach any K-line compatible adapter and power supply according to wiring diagram below, choose COM port (valid values are from 1 to 4), store KEY. JMP must be open at this step. In case of success LED on emulator board goes on (long blink), software confirms about success.
- Place solder joint to short JMP to disable possible updates - highly recommended, although not mandatory.
- Emulator is ready for use and coded to ECU now.
- Install emulator instead of original immobilizer. Use **K**, **12v_IGN** and **GND** pins.



LED operation:

- One short blink at startup,
- Long blink: ECU authorized or SYNC accepted and stored,
- Series of short blinks: ECU communicates, but code not accepted by ECU (wrong MASTER KEY?)

Connection diagram:

