



## Mitsubishi immo emulator

K-line,

**MR587312, MR587993, MR587673 and similar**

### Description :

Device emulates Mitsubishi K-line immobilizer unit for GDI ECU authorization (SpaceStar / Lancer / Outlander / Pajero etc.), actual for model years from 2000 up to 2010.

### How to configure using MUT diagnostic tester :

- Emulator must be in virgin state. If you see series of short blinks (LED on emulator board!) at startup it is ready for alignment. If only one short blink occurs, emulator has SK already stored. To reset emulator place solder joint (short JUMPER) and power it on. There must be one short flash at startup and long flash after about 1 second, emulator is in virgin state now.
- Remove solder joint if necessary.
- MUT3 – you can choose any similar car (for example OUTLANDER, up to 2005 MY – no matter, they all work using the same diagnostic software), select IMMO, go to key registration.
- No matter what PIN code you are actually using.
- You must program at least one key, if you see long LED blink on emulator board everything is OK. Otherwise there will be series of short blinks or no any activity at all.

If everything is OK you must see one long LED flash when turning ignition on (ECU is authorized).

### Alternative – using K-line adapter :

- Place solder joint to short JUMPER, attach K-line adapter and power supply, launch configurator utility.
- You can load immobilizer dump or you can enter SK manually. Press WRITE. Look at LED - long blink must acknowledge that SK is successfully stored.
- Switch off lower supply, **remove solder joint!** Emulator is ready for installation on car.
- **WARNING** - if you power ON emulator with JUMPER already shorted once again, stored SK is erased and emulator becomes virgin.

