

VW Passat B6 / B7

esl emulator

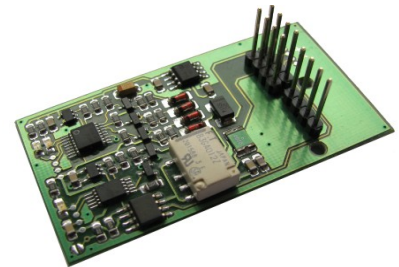
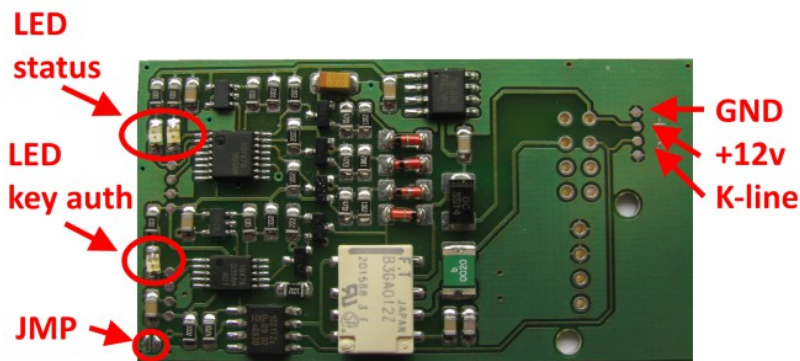
Usage:

VW Passat cars, coverage from 2005 and up to 2015. Emulates electronic steering lock module which incorporates steering lock module itself and key reader (base station) for Megamos-48 keys. Emulator replaces both. Must store immodata and key ID before usage.

Side effect – car can be started without valid transponder key using any suitable keyblank which simply fits key slot. This is true in case of Megamos-48 systems, Hitag2 based ones aren't affected.

Configuration:

- Power emulator from 12v power source, attach K-line adapter, launch configurator software.
- JMP must be OPEN for configuration,
- IMMODATA and KEY ID you can extract from CCM module eeprom dump using 3rd party decriptors. Note that some online services can display ESL MAC in reverse order (swap).
- Store IMMODATA and any registered KEY ID into emulator. All three LEDs must go ON and then OFF (not simultaneously).
- Place solder joint to short JMP. Emulator is ready for installation on car now.



Installation:

Use standard 2.54 mm pitch pin headers or solder wires directly.

LEDs on emulator board:

- **LED status:** - two LEDs: **GREEN**: ESL unlocked, **RED**: ESL locked. LEDs go off after 1s of inactivity on LIN network. Otherwise ESL status is displayed.
- **LED key auth:** - one **RED** LED, goes on when key authorization takes place.

