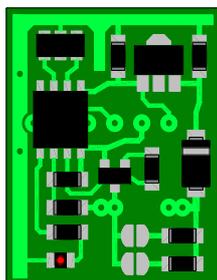
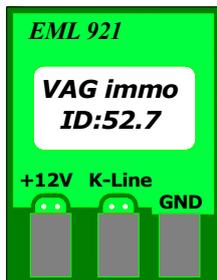


VW/ Audi immobilizer emulator EML921/527 installation guide

2013.11.26 edition 01



↑
LED indicator

EML921/52.7 technical data:

Supply voltage: 10-15V (DC)
Data baud rate: 9600 kbps
Supported immo system: immo 2

Wiring description:

[+12V] - power supply after ignition switch (*Terminal 15*)

[K-Line] - Data wire, connected to ECU .

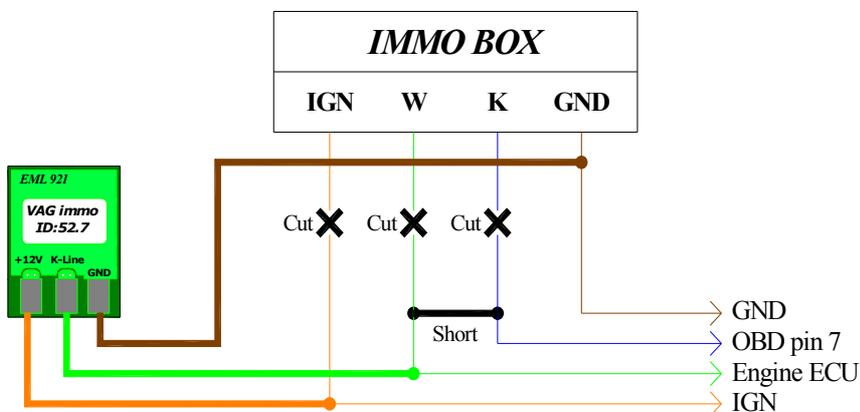
[GND] - Ground.

[!] Emulator supply must be switched in the same time with engine ECU ignition supply.

LED indicator after ignition “on”:

LED still off	Incorrect connection, bad power supply of ECU, broken ECU, short W line, connected immobilizer box (original immobilizer box must be disconnected)
LED go on and after few seconds goes out	Normal condition
LED go on and after few seconds start blinking	ECU not recognized, incorrect boud rate
LED go on and still light.	ECU not recognized, incorrect boud rate

In cars with immobilizer box, emulator install according this diagram:

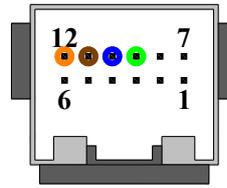
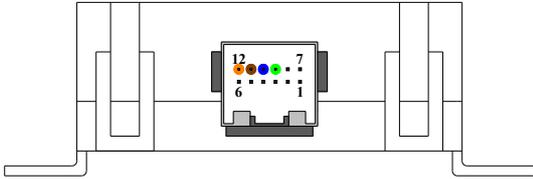


Don't forget connect W and K lines (in diagram connection marked „short“). Without connection must be lose engine ECU diagnostic availability.

Thin wires in diagram – original car installation, wide wires – additional wires, must be installed.

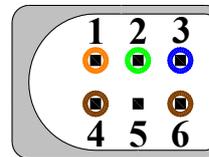
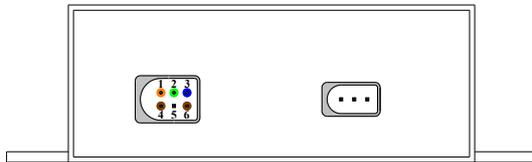
Immobilizer boxes pin out description:

Audi 100, A4, A6, A8



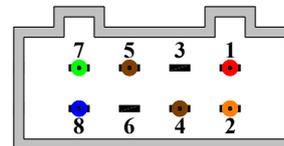
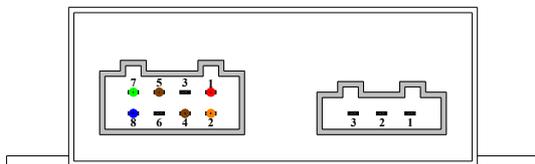
- 9 – W Line
- 10 – K Line
- 11 – GND
- 12 – IGN

VW Golf III, Passat B4, VW Transporter



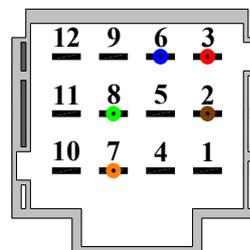
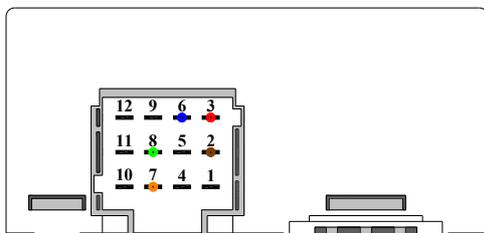
- 1 – IGN
- 2 – W Line
- 3 – K Line
- 4 – GND
- 6 – GND

VW Sharan, VW Lupo, VW Polo, T4 from 1998.



- 1 – +Bat
- 2 – IGN
- 4 – GND
- 5 – GND
- 7 – W Line
- 8 – K Line

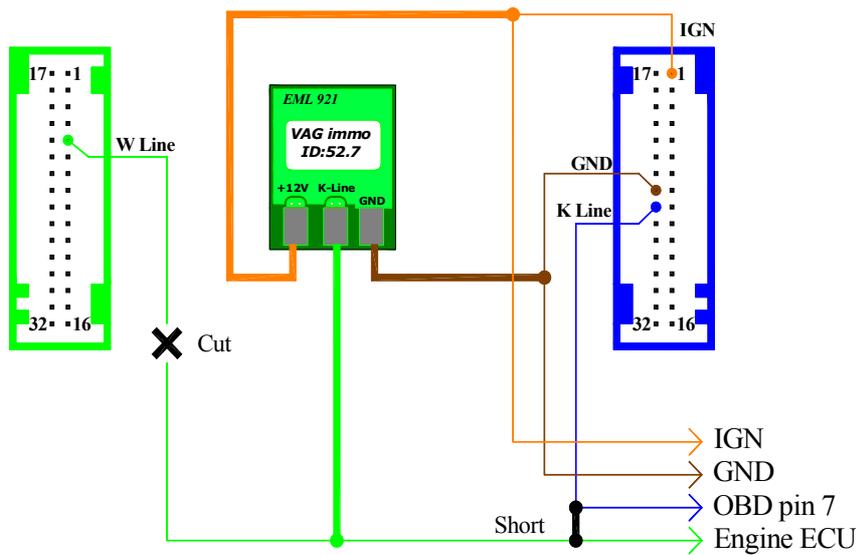
VW LT35



- 2 – GND
- 3 – +Bat
- 6 – K Line
- 7 – IGN
- 8 – W Line

In cars with immobilizer in dashboard, emulator install according this diagrams:

VW Golf IV, Audi A3, A4, A6 (except Magneti marelli), Passat B5, New beetle



Blue connector:

- 1 – IGN
- 24 – GND
- 25 – K Line

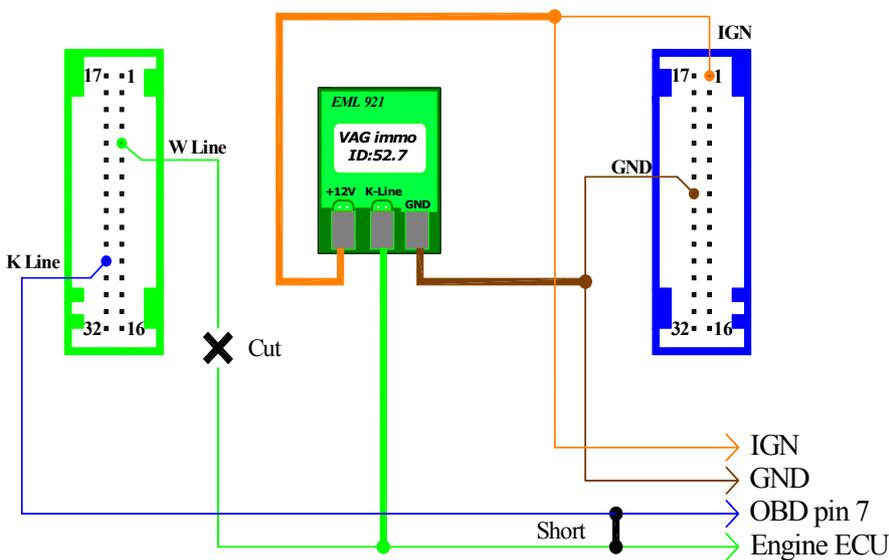
Green connector:

- 5 – W Line

Don't forget connect W and K lines (in diagram connection marked „short“). Without connection must be lose engine ECU diagnostic availability.

Thin wires in diagram – original car installation, wide wires – additional wires, must be installed.

Audi A3, A6 Magneti marelli (white back panel)



Blue connector:

- 1 – IGN
- 24 – GND

Green connector:

- 5 – W Line
- 28 – K Line

Don't forget connect W and K lines (in diagram connection marked „short“). Without connection must be lose engine ECU diagnostic availability.

Thin wires in diagram – original car installation, wide wires – additional wires, must be installed.