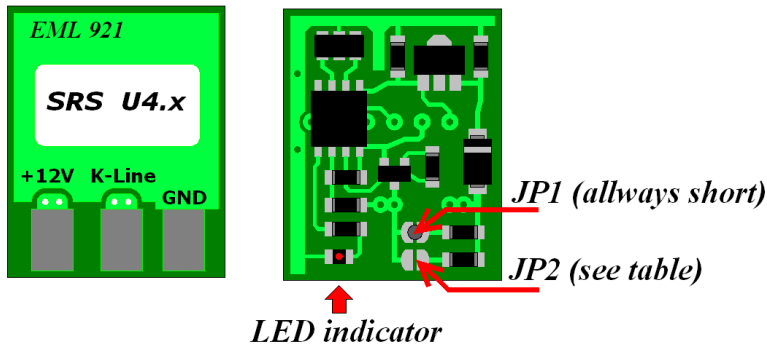


SRS seat occupation sensor universal emulator EML921/U4

2014.06.23 edition 01



Wiring description:

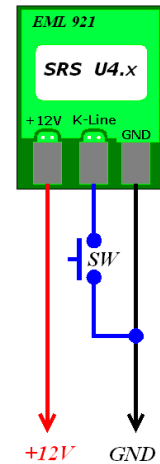
[+12V] - power supply

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

[GND] - Ground.

Changing the emulator programs:

1	Connect emulator according the diagram shown in <i>picture 1</i> (additional button (SW) needed)
2	Press and hold button, connect power supply to emulator. LED go on.
3	Approximately after 9 sec. LED goes out
4	Release button
5	LED go on
6	Press and hold button
7	LED goes out
8	Release button
9	LED go on
10	Press and hold button
11	LED goes out
12	Release button
13	Led will blink as many times as the number of current program
14	After the program indication, if need program change, press button as many times as the number of new program (see table below). Every time then press button, LED will blink. If changes program no need, in this step no action.
15	Wait approximately 9 sec. LED start indicate number of stored program. Indication will be repeated endlessly, until power supply is connected.
16	Count number of stored program: If program number correct – disconnect power supply and additional button. Programming complete successfully! If program number incorrect – disconnect power supply, and repeat programming from step 2.
17	After programming, if need, set or remove the soldering jumper JP2



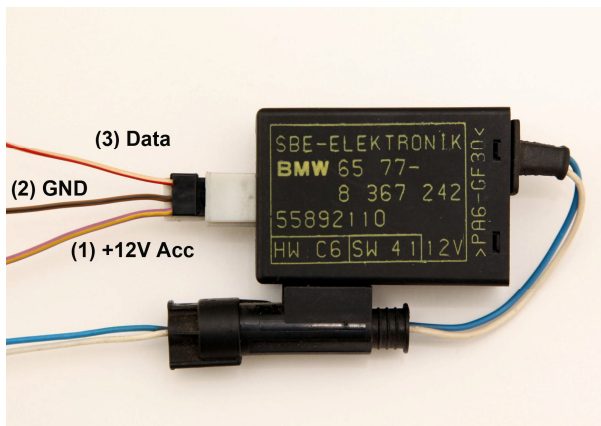
Picture 1

Program number	Program description	Seat occupation status	Jumper JP2 status	Single type emulator equivalent
1	BMW E38, E39, E46, E60/61/65 until 2005	Occupied	open	BMW V1 ID:10
2	Mazda all from 1998 until 2006	Occupied	short	Mazda ID:30
3	from 1996 until 1999 C class W202, A class W168, Vito W638	Occupied	short	MB V1 ID:40
4 (factory set)	from 1998 until 2006 A class W168, C class W203, E class W210, Vito W639, Vaneo	Occupied	short	MB V2 ID:41
5	E class W211 with "Temic" SRS control unit	Occupied	open	MB V3 ID:42
6	Fiat Stilo	Occupied	open	Fiat Stilo ID:61
7	BMW E38, E39, E46, E60/61/65 until 2005	Not occupied	open	---
8	Mazda all from 1998 until 2006	Not occupied	short	---
9	C class W202, A class W168, Vito W638	Not occupied	short	---
10	A class W168, C class W203, E class W210, Vito W639, Vaneo	Not occupied	short	---
11	E class W211 with "Temic" SRS control unit	Not occupied	short	---
12	Fiat Stilo	Not occupied	short	---

Installation schematic diagrams:

Program 1 and 7

(BMW E38, E39, E46, E60, E61, E65 until 2005)

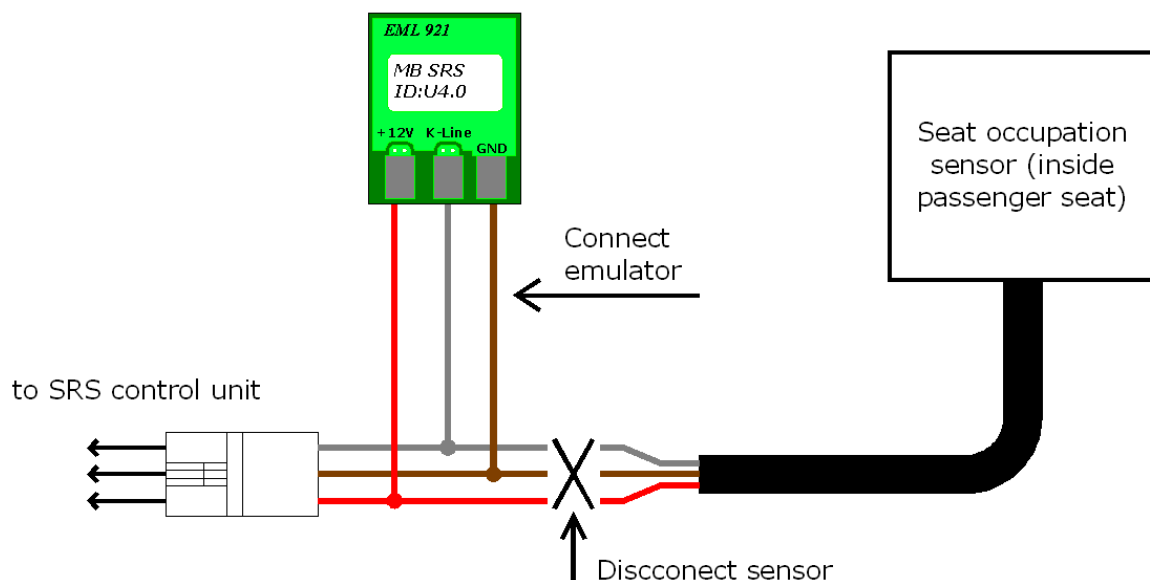


In the picture is shown the original sensor control unit, located at the bottom of the passenger front seat.

When install the emulator, you need to disconnect the three pin connector from control unit, and connect the emulator, as shown in the figure below

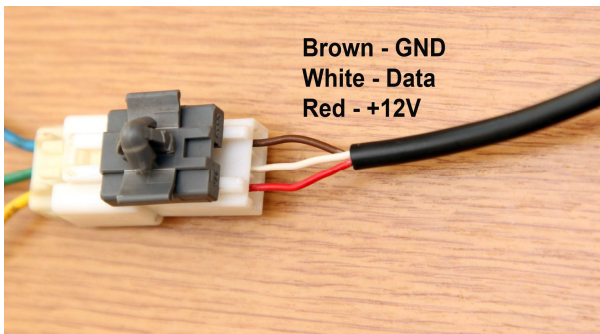
Wiring description:

- 1) **+12V supply (ACC)**
- 2) **Ground (GND)**
- 3) **Signal (Data)**



Program 2; 3; 4; 5; 6; 8; 9; 10; 11 and 12

(All models (except BMW) use the same sensor wiring colors)



Occupation control unit placed inside passenger seat. Black cable from unit connected with car wiring installation (white connector as shown in photo, placed under the passenger seat).

Wire colors inside cable – all times the same:

- Red:** +12V
- White:** Data
- Brown:** GND

After connector (in car side) wiring colors different in different models

