MERCEDES ESL/ELV

S.O.S Car Simulator instruction manual

ESL/ELV REPLACEMENT PROGRAM

MERCEDES ESL
EMULATOR SUPPORTED
KEY PROGRAMMIN DEVICES

ABRITES AVDI
XHORSE VVDI MB BGA
CGDI MB
DIAGSPEED
AUTEL AURO
SIMON TOUCH
And Other Devices....

● Program introduction

🚗 Example cars

Mod. 1

A-class - W176
B-class - W246
C-class - W204
E-Coupe - V207
E-class - W212

Mod. 2

Crafter
A-class - W169
B-class - W245
C-class - W202
CLK - W209
CLK - W208
E-class - W211
E-class - W210
Sprinter II W906
Vito W639
W203

◖◗ Jumpers to solder

Choose the S.O.S program by soldering the following jumpers depending on your car brand:

MODE 1

7 6 5 4 3 2 1

To choose the program you have to solder specific jumpers on the back of the Emulator:
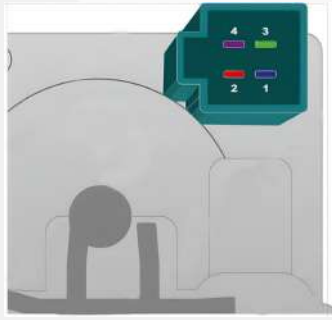
Wl 76 / W204 / E-Coupe - C207 / W212 / W246

MODE 2

7 6 5 4 3 2 **1**

1

To choose the program you have to solder specific jumpers on the back of the Emulator:

Attention!
Always pul the Emuluator back into the plastic cover before attaching it to the ECU board.
Attaching the Emulator to the ECU board without the plastic cover may resul! in damaging the ECU or the Emulator!

MODE 1

W176 / W204 / E-Coupe- C207 /W212/W246

ESL I ELV pinout
Mercedes C-Clalili W204
- **CROUND** 1pin
- **+12V** 2 pin
- **+12V** (Cuts OFF after turning the key) 4 pin
- **K-Line** 3 pin

ESL I ELV pinout
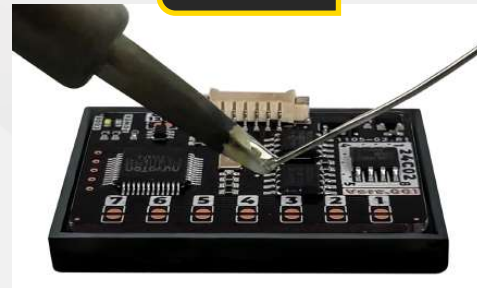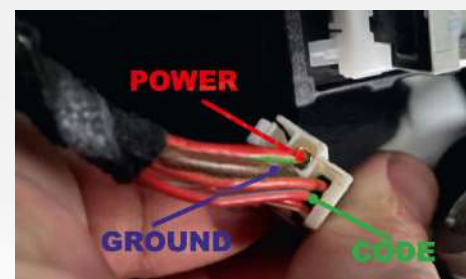**Mercedes W176 / W246**
- **CROUND** 5 pin
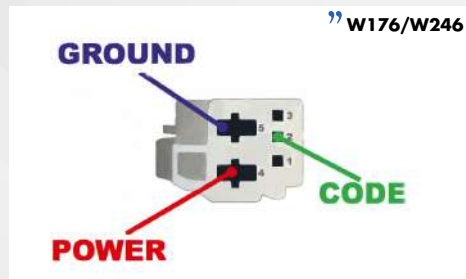- **+12V** pin 4
- **K-Line** pin 2

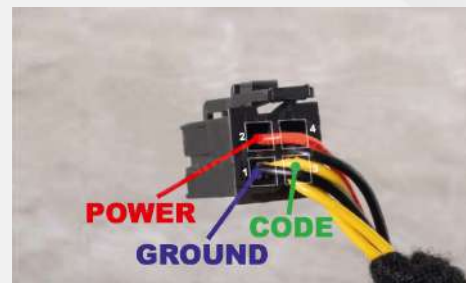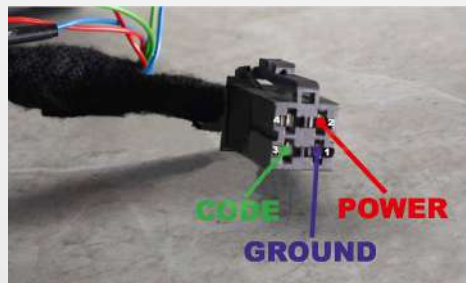**1** " • Disconnect plug from ESL

MODE 1

2 " • To choose the program you have to solder specific jumpers on the back of the Emulator:

7 6 5 4 3 2 1

3 " • Connect S.O.S to the ESL plug according to the pictures below

CODE   POWER
GROUND

POWER   CODE
GROUND

" **W176/W246**

GROUND

POWER   CODE

POWER

GROUND   CODE

4 " The original ESL needs to be removed from the car.

XHORSE VVDI MB BGA

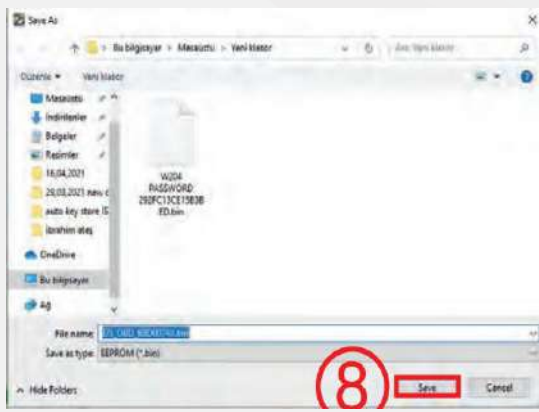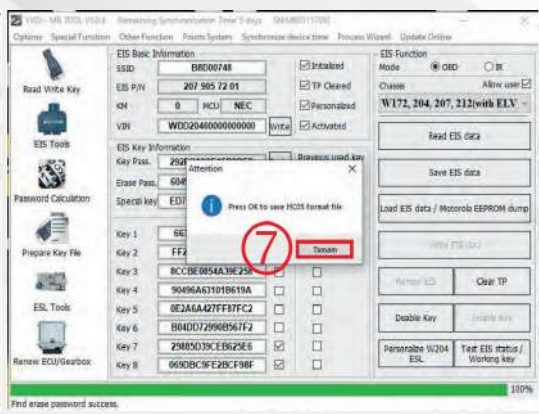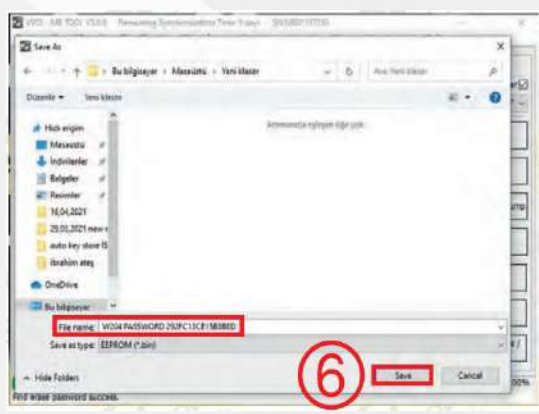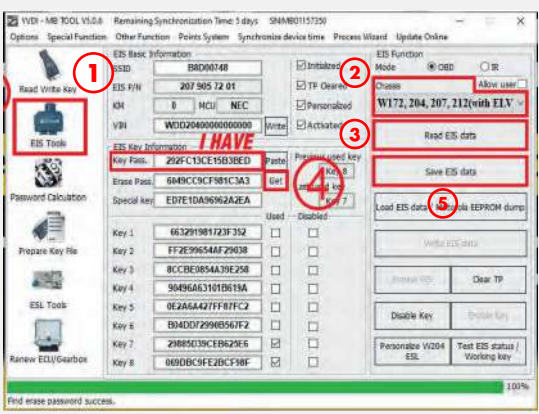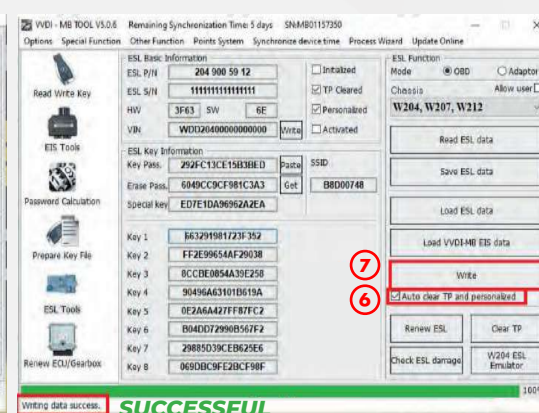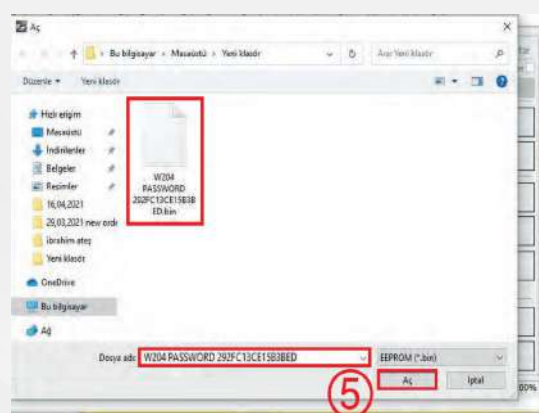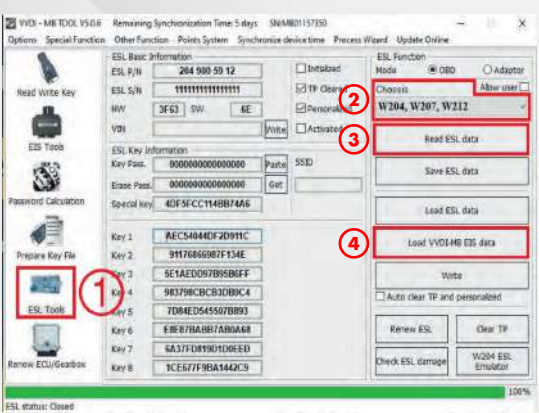## How to program S.O.S emulator with XHORSE VVDI
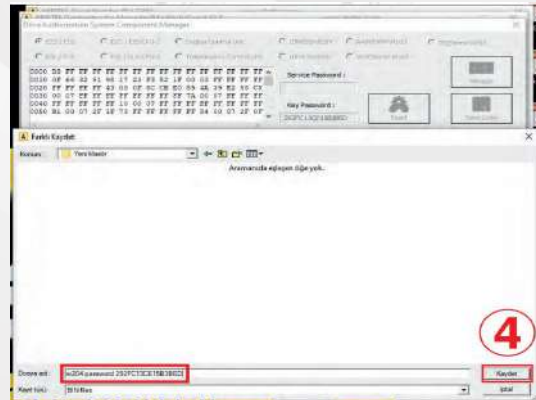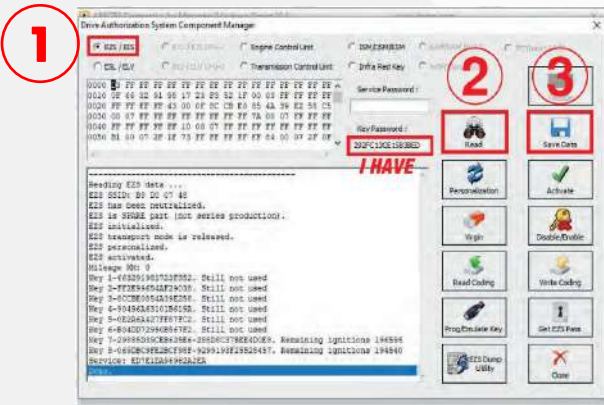
• **EIS EZS READY**

• **S.O.S EMULATOR PROGRAMMING**

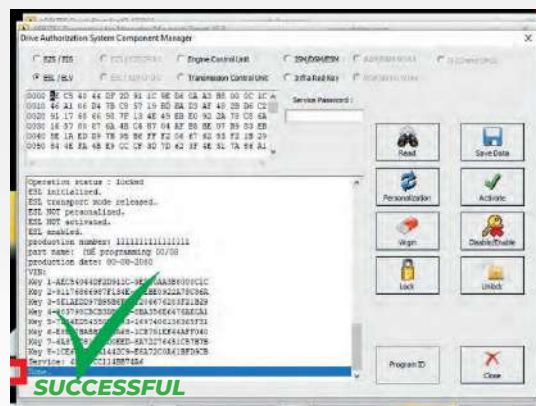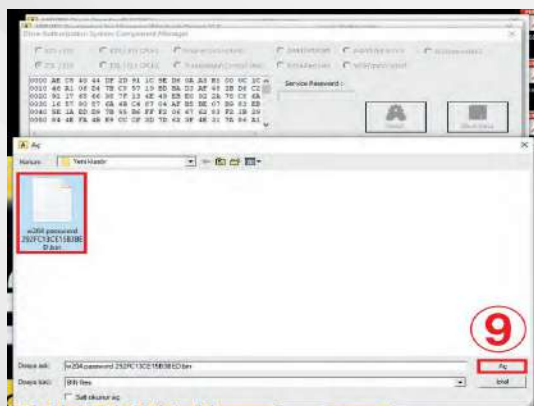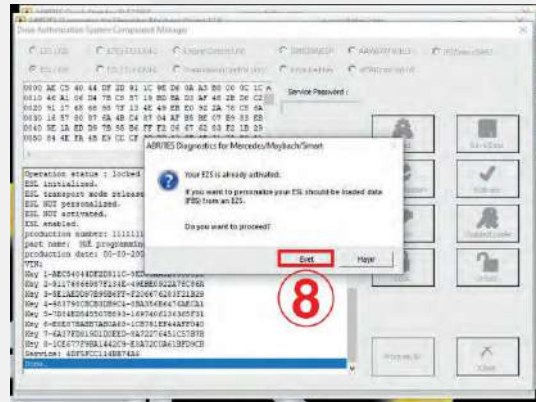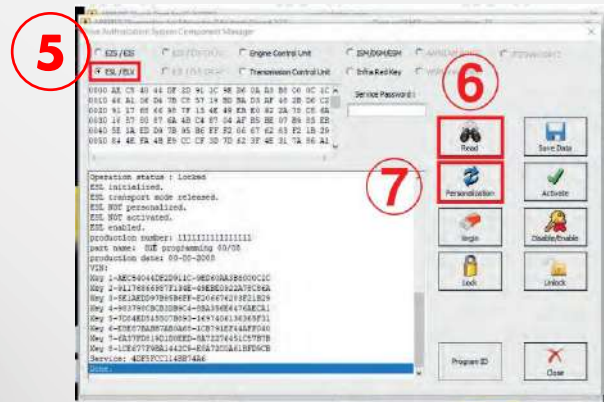● **W176 / W204 / E-Coupe- C207 /W212/W246**

ABRITES AVDI

How to program S.O.S emulator with ABRITES AVDI

- **EIS EZS READY**

- **S.O.S EMULATOR PROGRAMMING**

Mercedes Sprinter il W906 (up to 2010) / VW Crafter*

MERCEDES ESL & EZS
Mercedes Sprinter W906 / Volskwagen Crafter

ESL   EZS

- **GROUND** ESL - 2 pin   EZS **-** D/7 pin
- **POWER** ESL - 1-3 pin EZS **-** A/1 pin D/8 pin
- **CODE** ESL - 4 pin   EZS **-** A/5 pin

1 „Disconnect plug from ESL

2 „To choose the program you have to solder specific jumpers on the back of the Emulator:

MODE 2

3 „Connect S.O.S to the ESL plug according to the picture on the right.

7 6 5 4 3 2 1

GND
PIN 3

POWER
PIN 2

CODE
PIN 5

S.O.S

4 „The original ESL needs to be removed from the car.

Vito W639 / W211 / W209 / W203

MERCEDES ESL & EZS
Mercedes E-cıass (W211) c-cıas s (W203) CLK (W209) and Vito (W639)

ESL

EZS
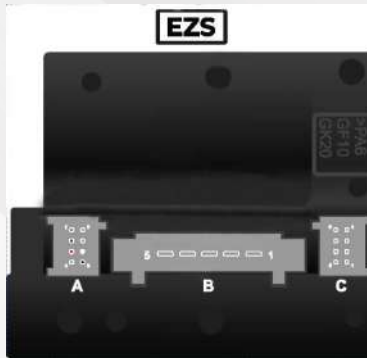
- **GROUND** ESL - 2 pin   EZS - D/7 pin   ■ **CAN-H** EZS - A/8 pin
- **POWER** ESL - 1-3 pin EZS - A/1 pin D/8 pin □ **CAN-L** EZS - A/7 pin
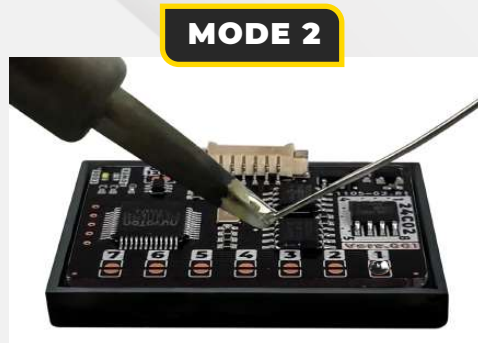- **CODE** ESL - 4 pin   EZS - A/5 pin
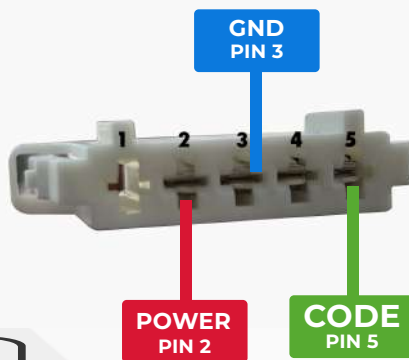

1 〟Disconnect plug from ESL

MODE 2

2 〟To choose the program you have to solder specific jumpers on the bock of the Emulator:

7 6 5 4 3 2 1

3 〟Connect S.O.S to the ESL plug according to the picture on the right.

GND
PIN 3

POWER
PIN 2

CODE
PIN 5

4 〟The original ESL needs to be removed from the car.

● W210 / W208 / W202

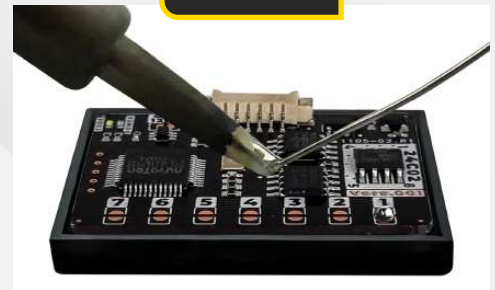**MERCEDES ESL & EZS**
Mercedes E-class (W210) CLK (W20S) C-class

ESL   EZS

- **GROUND** ESL - 2 pin EZS - A/3 pin
- **POWER** ESL - 1 pin EZS - A/7
- **CODE** ESL - 3 pin EZS -A/4 pin

1 Disconnect plug from ESL

MODE 2

7 6 5 4 3 2 1

2 To choose the program you have to solder specific jumpers on the bock of the Emulator:

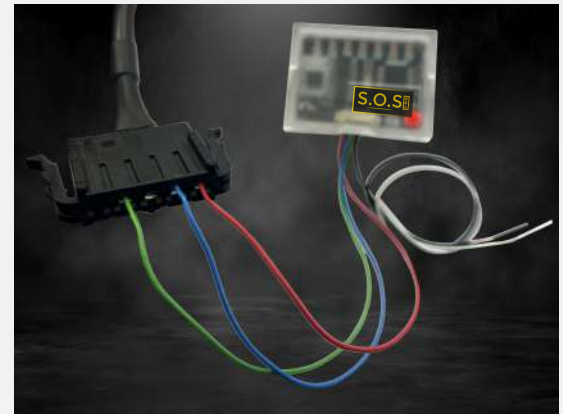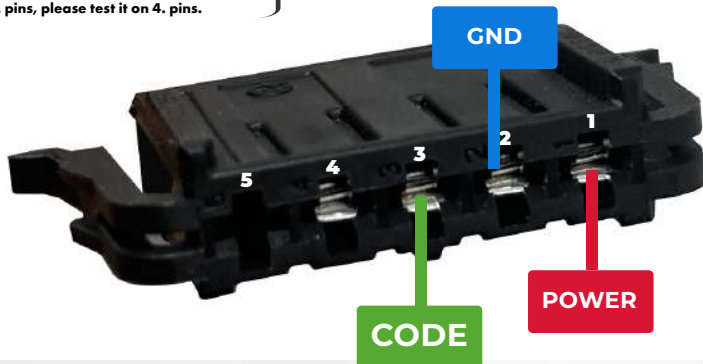**3** • Connect S.O.S to the ESL plug according to the pictures below

Attention!
If the code green cable does not work on 3. pins, please test it on 4. pins.

GND

5   4   3   2   1

CODE   POWER

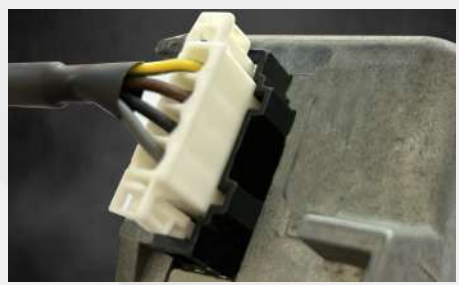**4** The original ESL needs to be removed from the car.

● **W169 / W245**

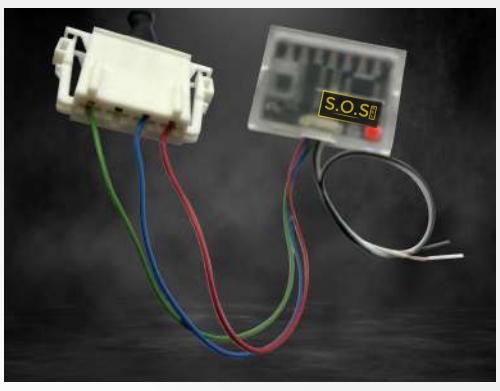**MERCEDES ESL & EZS**
Mercedes A-class (W169} B-class (W245)

ESL   EZS

- ■ **GROUND** ESL - 2 pin EZS - A/2 pin   ■ **CAN-H** EZS - A/8 pin | C/4
- ■ **POWER** ESL - 1 pin EZS - A/3   □ **CAN-L** EZS - A/7 pin | C/3
- ■ **CODE** ESL - 4 pin EZS -A/1 pin

1 Disconnect plug from ESL

2 To choose the program you have to solder specific jumpers on the bock of the Emulator:

MODE 2

7 6 5 4 3 2 **1**

3 • Connect S.O.S to the ESL plug according to the pictures below

GND

4   3   2   1

POWER

CODE

4 The original ESL needs to be removed from the car.

W203

ESL

EZS

- **GROUND** ESL - 2 pin EZS - B/2 pin
- **POWER** ESL - 1 pin EZS - B/3
- **CODE** ESL - 3 pin EZS - A/7 pin

1 Disconnect plug from ESL

2 To choose the program you have to solder specific jumpers on the bock of the Emulator:

MODE 2

7 6 5 4 3 2 1

3 • Connect S.O.S to the ESL plug according to the pictures below

GND

3　2　1

CODE　POWER

4 The original ESL needs to be removed from the car.