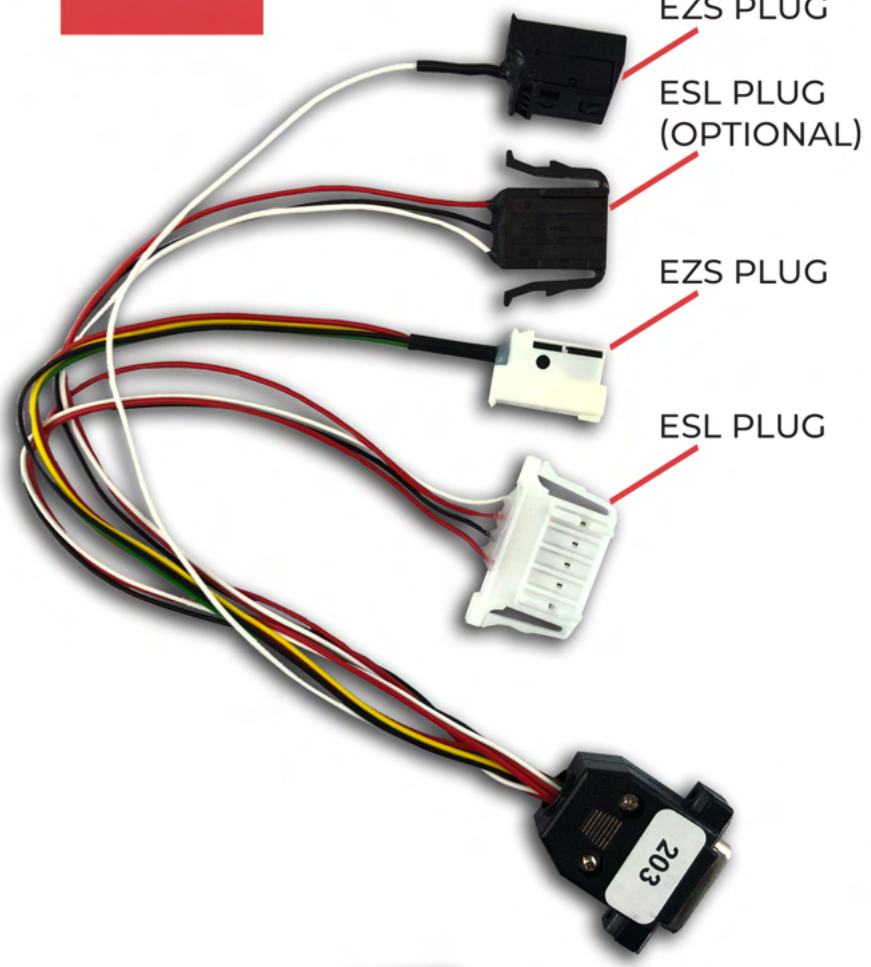
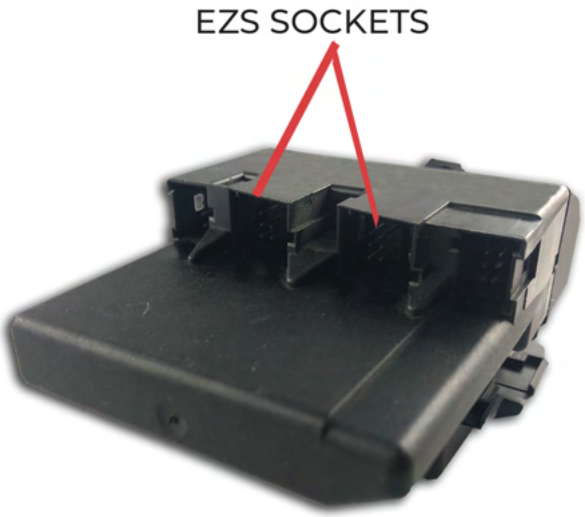
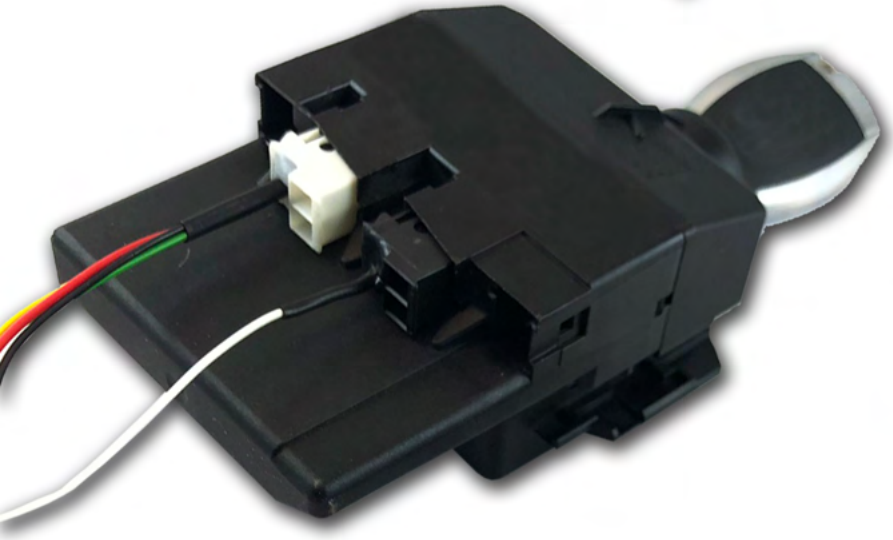
WIRING HARNESSES FOR CONNECTING TO IGNITION LOCKS OR IMMOBILIZERS

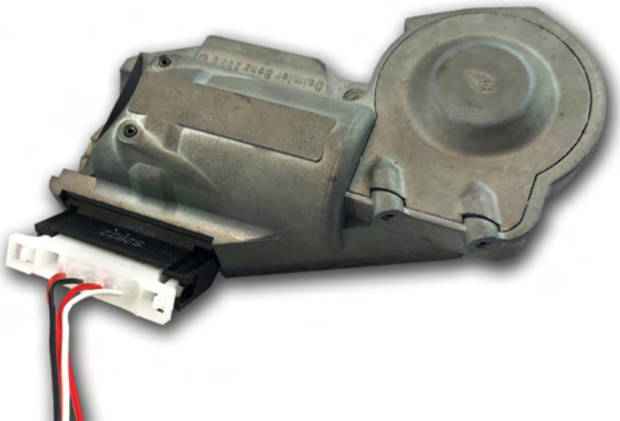
02

MERCEDES-BENZ W203



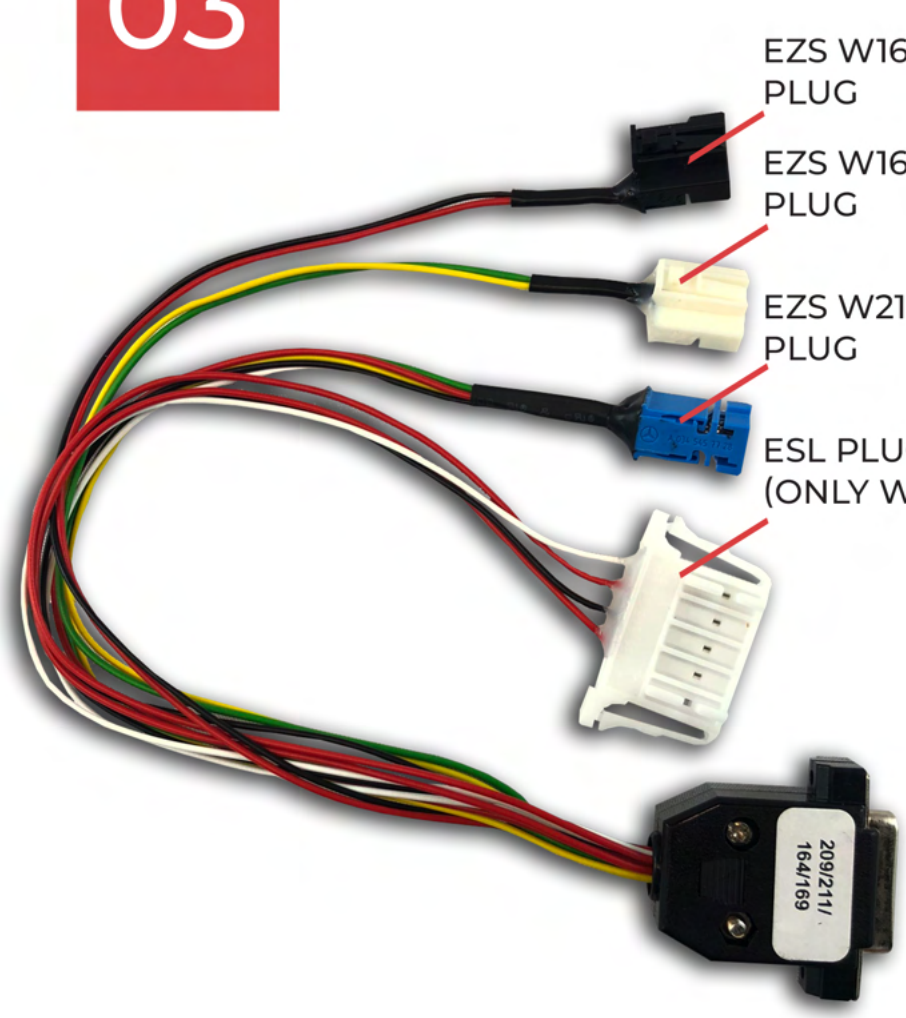


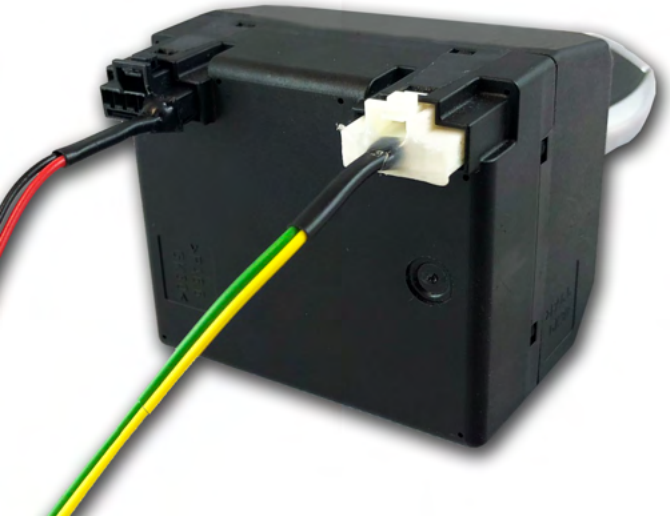




WIRING HARNESSES FOR CONNECTING TO IGNITION LOCKS OR IMMOBILIZERS

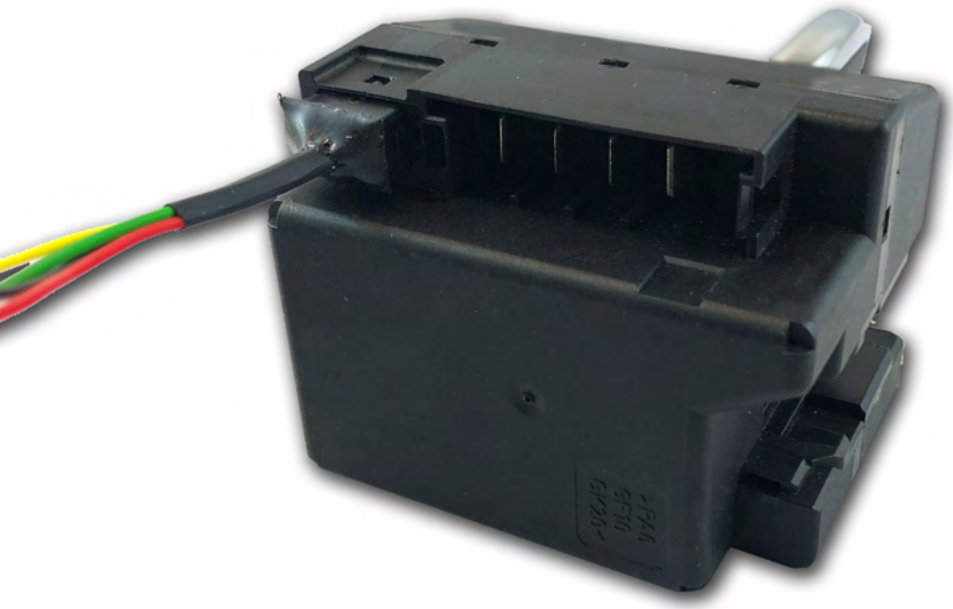
03 MERCEDES-BENZ W209/211/164/169





WIRING HARNESSES FOR CONNECTING TO IGNITION LOCKS OR IMMOBILIZERS

04 MERCEDES-BENZ W220

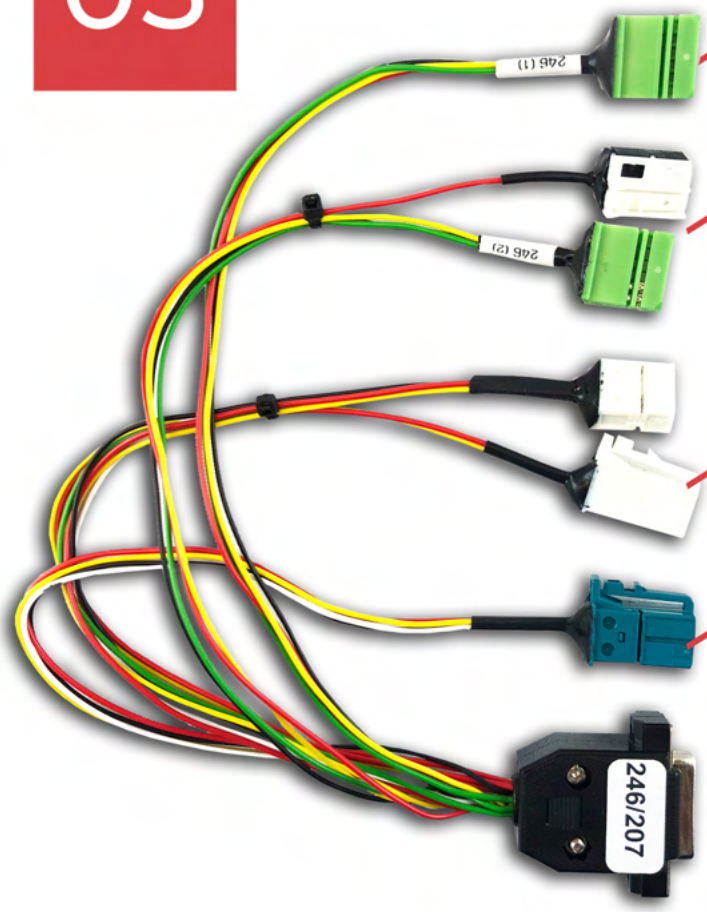


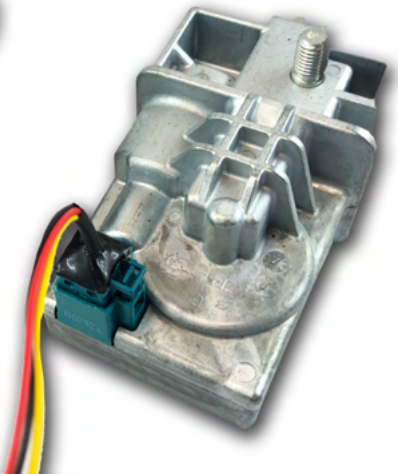
YOU MAY ENCOUNTER A W220 WITH A STEERING LOCK AND MECHANICAL GEARBOX.

IN SUCH CARS, THE BLUE PIN SHOULD BE MOUNTED ON THE SIXTH PIN IN THE RIGHT SOCKET OF THE IGNITION SWITCH.

WIRING HARNESSES FOR CONNECTING TO IGNITION LOCKS OR IMMOBILIZERS

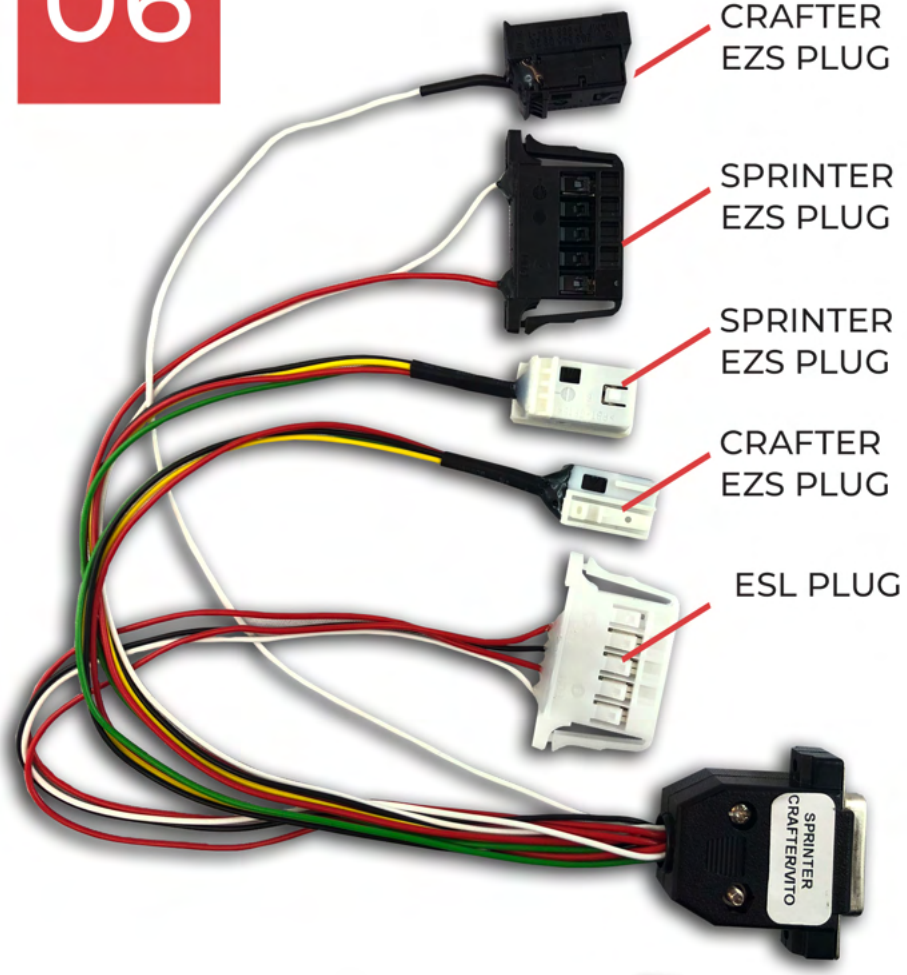
05 MERCEDES-BENZ W246/207





WIRING HARNESSES FOR CONNECTING TO IGNITION LOCKS OR IMMOBILIZERS

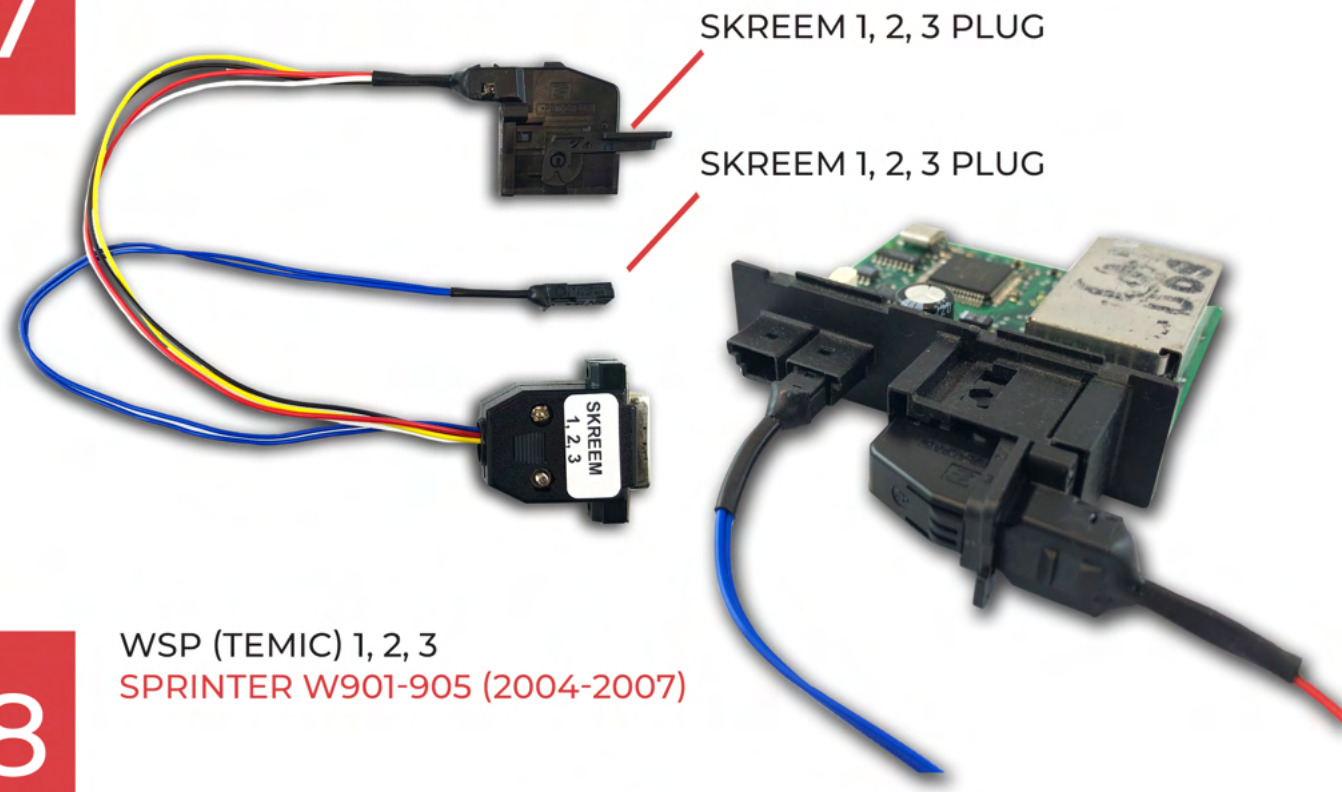
06 MERCEDES SPRINTER / VW CRAFTER



WIRING HARNESSES FOR CONNECTING TO IGNITION LOCKS OR IMMOBILIZERS

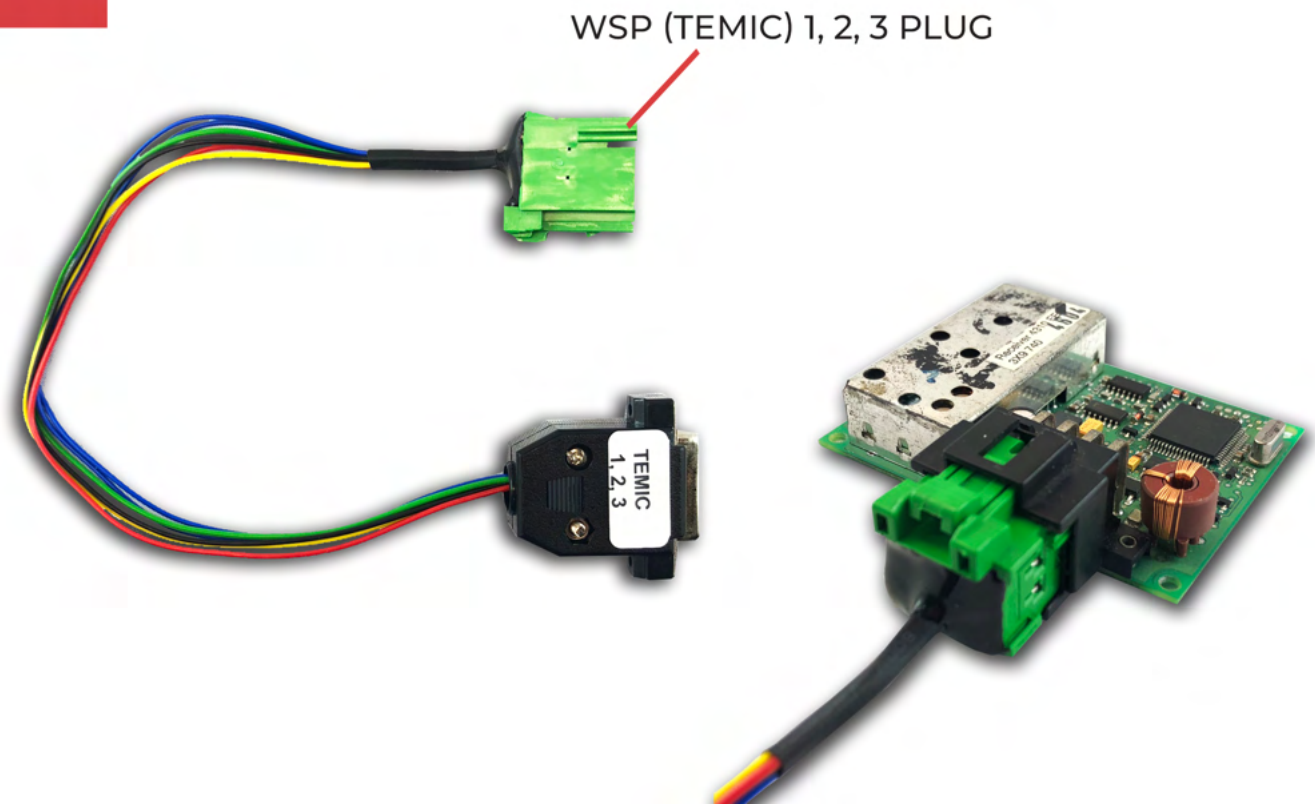
07

SKREEM 1, 2, 3
SLK (R170), SL (W129), S-CLASS (W140), CROSSFIRE



08

WSP (TEMIC) 1, 2, 3
SPRINTER W901-905 (2004-2007)



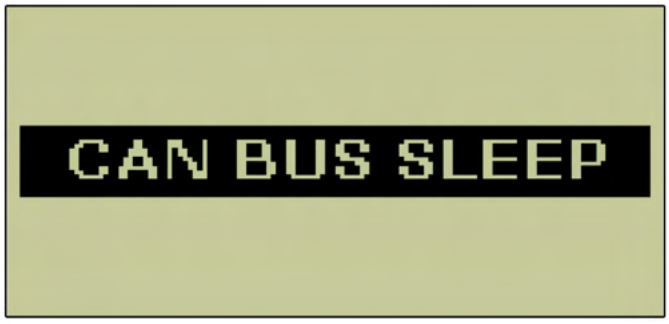
2. GETTING STARTED WITH THE DEVICE

ATTENTION! RATED SUPPLY VOLTAGE OF THE DEVICE IS 12V. SUPPLY VOLTAGE HIGHER THAN 13.5V MAY DAMAGE THE DEVICE. REVERSING THE POLARITY WHEN CONNECTING THE POWER SUPPLY TO THE DEVICE MAY DAMAGE IT.

Before starting work with the device, it is necessary to switch the switches pos. 4, 6, 7 (PIC. 1) to the off position (O).
Set the voltage on the 12V power supply according to the instruction manual for the power supply you are using.
Connect the power cable to the power source. Red wire is power plus, black wire is power minus.
Select the wiring harness depending on the ignition switch you are going to connect.
Connect the wiring harness to the connector pos. 5 (PIC. 1). Connect the ignition switch.
Connect the power cable to the device. Connector pos. 1 (PIC. 1).
Move the power switch pos. 6 (PIC. 1) in the included position (|).

After that, the device will turn on and the following image will appear on the screen.

If you forget to connect the wiring harness, after a while the display will show the message "**CABLE NOT CONNECTED**".



If during operation the ignition switch with CAN data bus "sleeps" (stops transmitting data on the CAN data bus), the display will show the message "**CAN BUS SLEEP**".

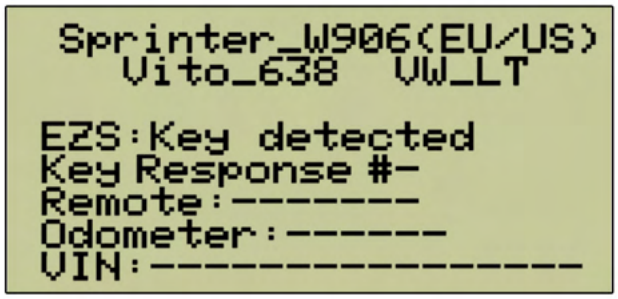
Working with:

Mercedes Sprinter/Vito, VW Sprinter

Latch connections are possible in the wiring harness being used. If a latch or latch emulator is not connected, then the built-in latch emulator must be enabled. To do this, you need to move the switch pos. 7 (PIC. 1) in the included position (|).

If you do not insert the key into the ignition lock, the message **"CAN BUS SLEEP"** will be displayed on the screen.

After inserting the key into the ignition lock, the following information will be displayed on the screen.



If the key is not valid, then most likely the ignition switch will not wake up. After a while, the VIN number will be displayed in the "VIN" line, which is recorded in the ignition switch. The odometer line will display the mileage. Important! The mileage is not constantly written to the ignition lock, so the mileage may differ significantly from the recorded mileage in other parts of the car.
The "Remote" line displays the last pressed button on the key.
Possible options:

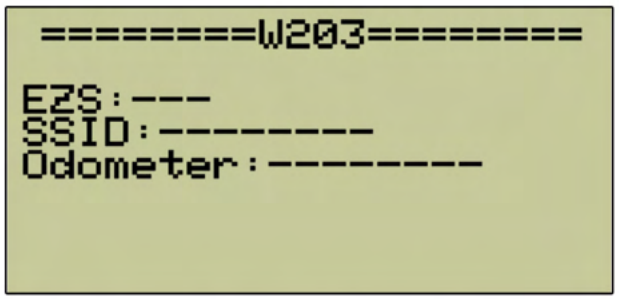
- -------
- **Door Open**
- **Door Close**
- **Rear Door Open**

The "Key Response" line will display the number under which this key is recorded in the ignition lock. Possible numbers 1-8.
The "EZS" line will display the status of the ignition switch. Possible options:

- **Key not detected**
- **Key detected**
- **ACC**
- **Ignition (15)**
- **Start Term (50)**

Working with: Mercedes W203

The information that is displayed on the screen:



The "EZS" line displays the information "---" if the key is not valid or **"Valid Key"** if the key is valid.

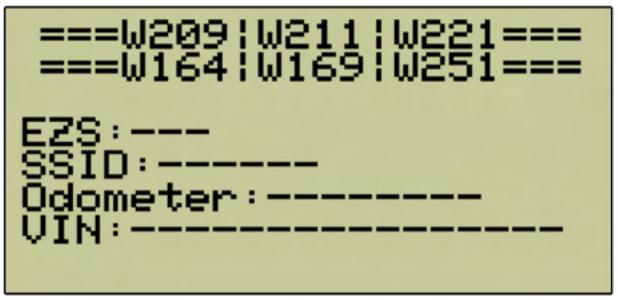
The SSID line displays the key's SSID.

The line **"Odometr"** displays the mileage that is recorded in the ignition switch.

Working with:

Mercedes W209/W211/W221/W168/W169/W251

The information that is displayed on the screen:



The "EZS" line displays the following information:

- ---
- **Valid Key**
- **ACC**
- **Ignition (15)**
- **Start Term (50)**

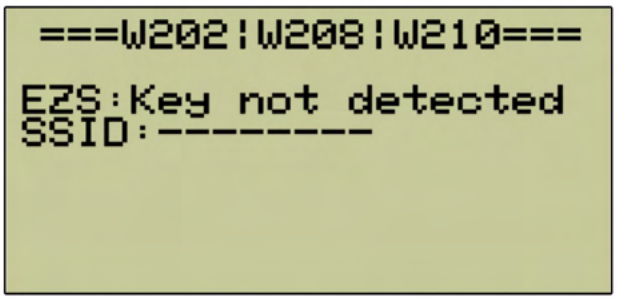
The SSID line displays the key's SSID.
The line "Odometr" displays the mileage that is recorded in the ignition switch.

After a while, the VIN number will be displayed in the "VIN" line, which is recorded in the ignition switch.

Working with:

Mercedes W202/W208/W210

The information that is displayed on the screen:



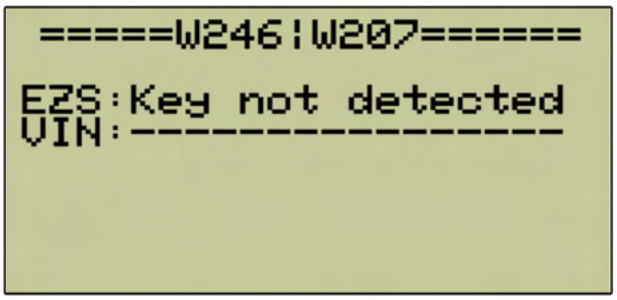
The "EZS" line displays the information **"Key not detected"** if the key is not valid or "Key detected" if the key is valid.

The SSID line displays the key's SSID.

Working with:

Mercedes W246/W207

The information that is displayed on the screen:



The "EZS" line displays the information "Key not detected" if the key is not valid or "**Key detected**" if the key is valid.

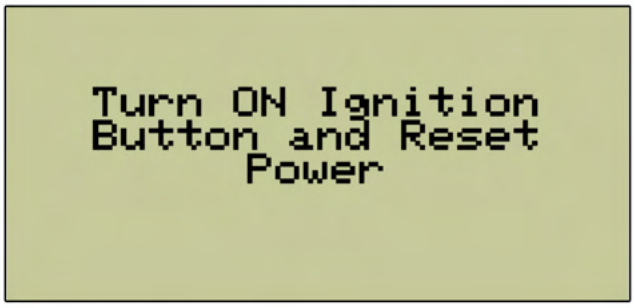
After a while, the VIN number will be displayed in the "VIN" line, which is recorded in the ignition switch.

Working with:

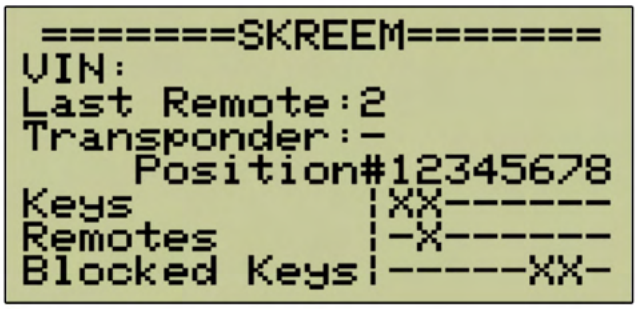
SKREEM modules

SLK (R170), SL (W129), S-CLASS (W140), CROSSFIRE

You must also turn on Ignition before turning on the power. If this is not done, the following message will be displayed on the screen :



The information that is displayed on the screen:



After a while, the VIN number will be displayed in the "VIN" line, which is recorded in the ignition switch.

The line "Last Remote" displays the last remote control that was used for this immobilizer.

When lowering the key into the key hole pos. 3 in the "Transponder" line will display the number under which the transponder in the key is activated. In the "Keys" line, the "X" symbol displays the positions to which the key has already been written.

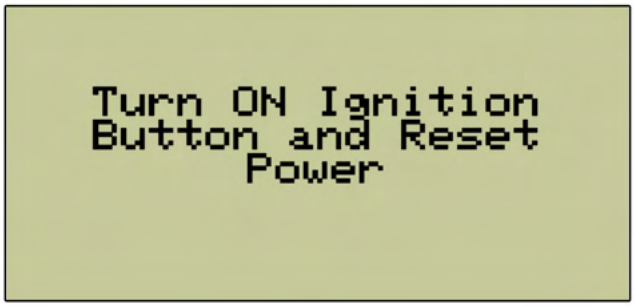
In the "Remotes" line, the "X" symbol will display the positions to which the remotes have already been recorded.

In the "Blocked Keys" line, the "X" symbol will display positions that are "reversibly" blocked.

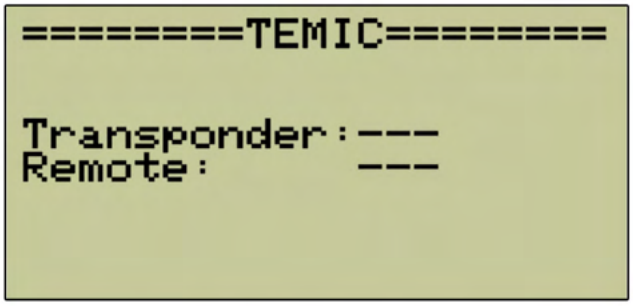
Working with:

WSP (TEMIC) modules
Sprinter W901-905 (2004-2007)

You must also turn on Ignition before turning on the power. If this is not done, the following message will be displayed on the screen:



The information that is displayed on the screen:



The "Transponder" line displays information about the transponder of the key. Possible options:

- ---
- **Not Valid**
- **Valid**

In order for information about the transponder to be displayed, it is necessary to lower the key into the hole pos. 3, turn off "**Ignition**" and turn on "**Ignition**".

The "**Remote**" line displays information about whether the immobilizer worked on the command of the remote control or not. In order to check, you need to hold the remote control near the immobilizer radio module and press any button on the remote control. If all is well, the display will show **“Worked”** in the **“Remote”** line and turn off.

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