KIA / HYUNDAI ESL

S.O.S Car Simulator instruction manual

ESL/ELV REPLACEMENT PROGRAM

● Program introduction

🚗 **Example cars**

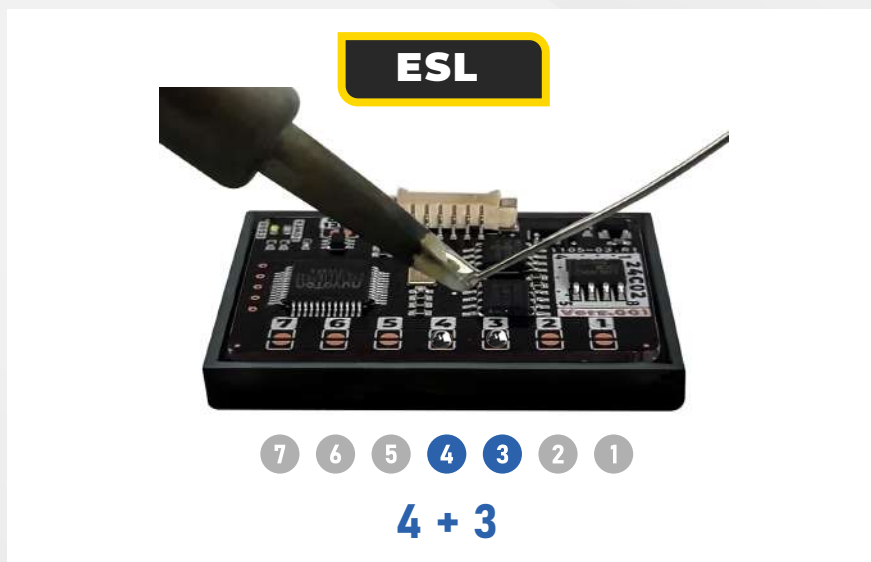| ESL	ESL	ESL	ESL
I30	Sportage	Cerato	Optima
IX35	Picanto	Elentra	Optima
Kona	Tucson	I10	Cadenza
Rio	Xceed	I20	
Sorento	Ceed	Forte	

● KIA / HYUNDAI Old Type
⬤⬤⬤ Jumpers to solder

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

ESL

7 6 5 **4** **3** 2 1

4 + 3

To select the program you need to solder the jumpers on the front 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!

ESL

● KIA / HYUNDAI Old Type

ⓘ Program Usage

The Emulator can be used
with Kıa / Hyundai Old Type vehicles equipped
with a 6-pin SCL plug
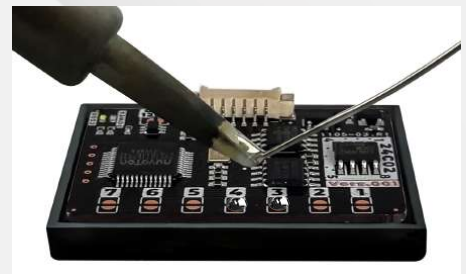
🚗 Example cars

KIA / HYUNDAI Old Type

I30	Sportage	Cerato	Optima
IX35	Picanto	Elentra	Optima
Kona	Tucson	I10	Cadenza
Rio	Xceed	I20	
Sorento	Ceed	Forte	

⚫⚫⚫ Jumpers to solder

1 " • Select the S.O.S program by soldering the jumpers on the right:
4 + 3

⑦ ⑥ ⑤ **④ ❸** ② ①
4 + 3

2 " • Connect the Emulator to the SCL plug
according to the pictures on the right.

GND	Pin 5
K-LINE	Pin 4
STATU	Pin 3
POWER +12V	Pin 1

3 " The original ESL needs to be removed from the car.
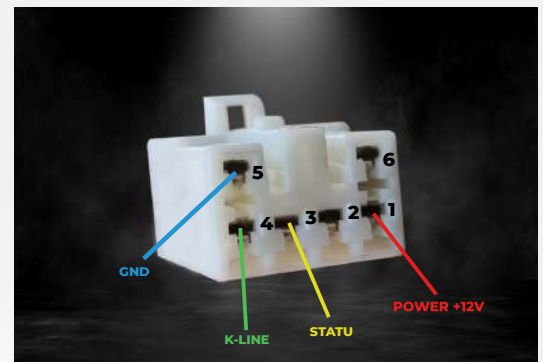
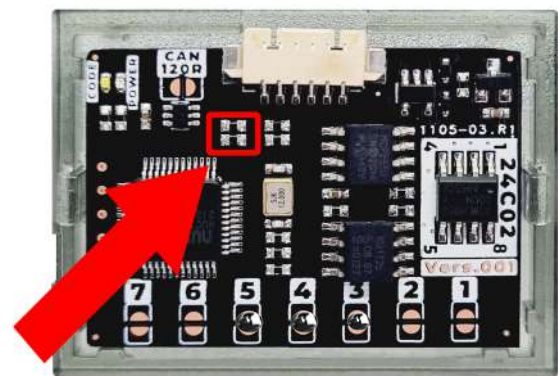## ● Program introduction
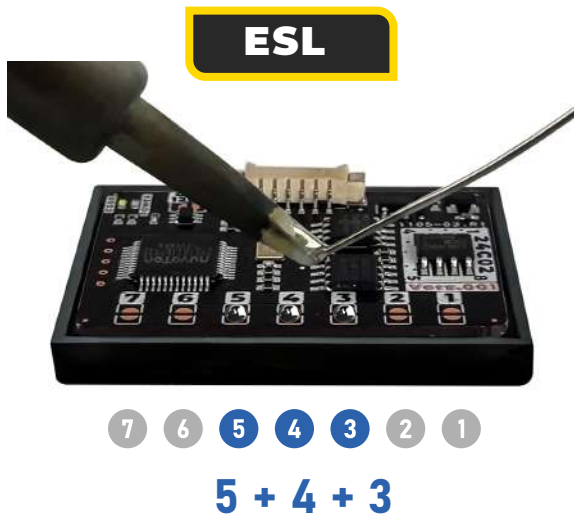
🚗 **Example cars**

ESL

Hyundai Tucsan
Hyundai Sonato
Hyundai Staria
Kia Sorento
Kia Sportage
Kia Karnaval

● KIA / HYUNDAI New Type

⬤⬤⬤ Jumpers to solder

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

ESL

⑦ ⑥ **⑤** **④** **③** ② ①

5 + 4 + 3

Please remove these two resistors when using the emulator on Hyundai new type steering lock.

To select the program you need to solder the jumpers on the front 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!

KIA / HYUNDAI New Type

ⓘ Program Usage

The Emulator can be used
with Kıa / Hyundai New Type vehicles equipped
with a 6-pin SCL plug

🚗 Example cars

KIA / HYUNDAI New Type
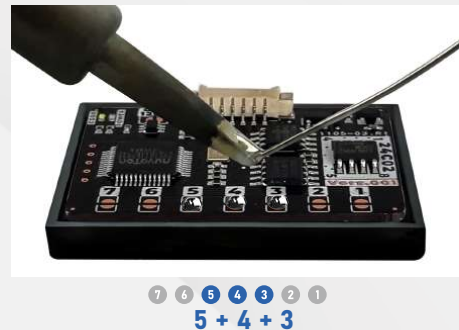
Hyundai Tucsan   Kia Sorento
Hyundai Sonato   Kia Sportage
Hyundai Staria   Kia Karnaval

●●● Jumpers to solder

1 〞 • Select the S.O.S program by soldering the jumpers on the right:
5 + 4 + 3
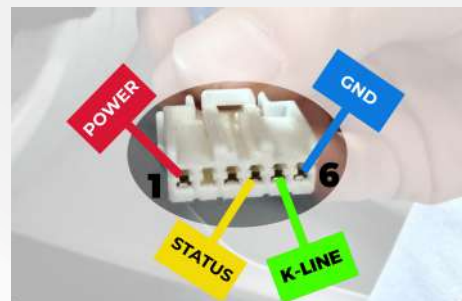

⑦ ⑥ **⑤ ④ ③** ② ①
5 + 4 + 3

2 〞 • Please remove these two resistors when using the emulator on Hyundai / Kia for New Type Steering lock.
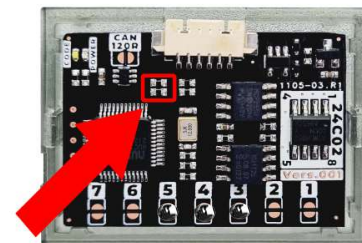
Please remove these two resistors when using the emulator on Hyundai new type steering lock.

3 〞 • Connect the Emulator to the SCL plug according to the pictures on the right.

GND	Pin 6
K-LINE	Pin 5
STATU	Pin 4
POWER +12V	Pin 1

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