

BMW ESL

S.O.S Car Simulator instruction manual

ESL/ELV REPLACEMENT PROGRAM

Page 2	▪ Program introduction	MIN. VERSION	PHOTO	PINOUT	VIDEO
Page 3	▪ BMW ESL	001			





● Program introduction



Example cars

The emulator replaces the **Electronic Steering Lock (ESL)** signal.

Symptoms of a malfunctioning or damaged ESL:

- The car doesn't start
- The car doesn't react to the start & stop button
- ESL warning light icon (**red** or **yellow**) lights up on the dashboard 

For the emulator to start, it needs to be connected to the car's wiring alter disconnecting it from a damaged ESL. The original ESL needs to be removed from the car.

it is necessary to reset the fault counter in the CAS module.



Program Usage

The emulator can be used with BMW / MiNi vehicles equipped with a 3 or 4-pin ESL plug



Example cars

BMW

Series 1
EB 8 1, E82, E87, E88
Series 3
E90, E91, E92, E93
Series 5
E60, E61
Series 6
E63, E64

MINI

R55
R56





● BMW ESL

BMW

Series 1
 EB 8 1, E82, E87, E88
 Series 3
 E90, E91, E92, E93
 Series 5
 E60, E61
 Series 6
 E63, E64

MINI

R55
 R56

1 ” Disconnect plug from the ESL and remove the ESL module from the car



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

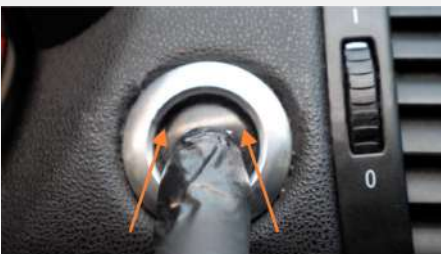


7 6 5 4 3 2 1

3 ” Connect the Emulator to the ESL plug according to the diagram on the right



4 ” Start the car.



5 ” The original ESL needs to be removed from the car.