



HYUNDAI / KIA - IMMO OFF

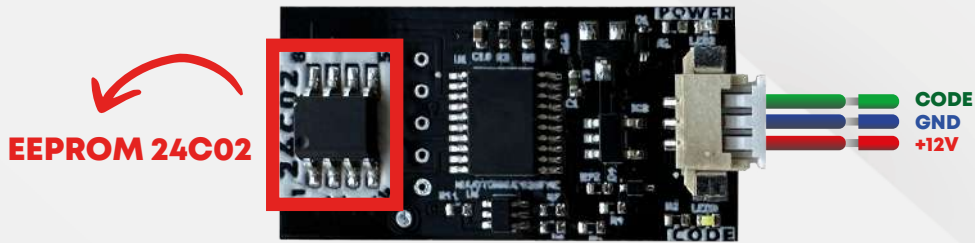
S.O.S Car Simulator instruction manual

- BOSCH EDC15C7
- BOSCH EDC 17 C08
- BOSCH EDC17C53
- BOSCH EDC17C57
- BOSCH EDC17CP14
- BOSCH EDC16C39
- BOSCH EDC17C08
- BOSCH M7.9.x
- BOSCH ME7.9.8
- BOSCH ME17.9.21.1

- KEFICO M7.9.x
- KEFICO ME7.9.8
- SIEMENS SIMK41
- SIEMENS SIMK43
- SIEMENS SIM2K-47
- CPGPSH2.14.1
- CPEGP2.10.1
- CPEGD2.20.4
- MT38

- ME17.9.11.1
- ME17.9.21.X
- MED17.9.8
- MEG17.9.12 KEFICO
- MEG17.9.13 KEFICO
- MEG17.9.21
- DELPHI DCM3.7AP
- DELPHI TRW DDCR

AND OTHER...



HYUNDAI KIA ECU EMULATOR
Note: PCF7936 transponder works on Smartra 1-2-3 model vehicles, hitag2 keyed, ecu models.

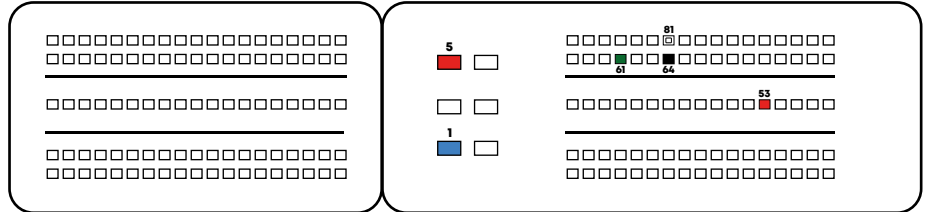
Manual Coding: Ecu. To do the programming you need to have the following information: ecu's pin code.
Pin code example: 112233. Remove the 24c02 eeprom in the emulator and write 00 on the first line and then write the pin code (example 00112233)

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EDC 17 C57



CONNECTION



- PIN 5 - 12V (30)
 - PIN 53 - 12V (15)
 - PIN 1 - GND
 - PIN 64 - CAN H
 - PIN 81 - CAN L
- PIN 61 - CUT THIS PIN FROM CAR INSTALLATION

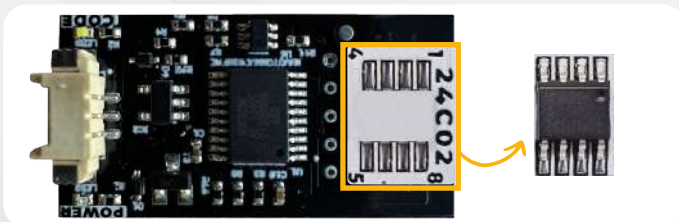
- 1 Find the EEPROM memory on the ECU.
Unsolder the eeprom memory and read its content.

- 2 Read the EEPROM memory and find (pin code) as shown in the example on the right.

ATTENTION: The picture shows example values. These values are different in every ECU.

OFFSET	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	
00000180	4B	B8	01	00	00	00	00	00	00	00	00	00	00	00	00	00	K
00000190	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
000001A0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
000001B0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
000001C0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
000001D0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
000001E0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
000001F0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	60	4F	
00000200	29	A6	01	00	00	00	00	00	00	00	00	00	00	00	00	00)
00000210	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
00000220	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
00000230	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
00000240	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
00000250	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
00000260	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
00000270	00	00	00	00	00	00	00	00	00	00	00	00	00	00	32	D6	
00000280	C2	FC	01	00	01	FF	FF	FF	FF	FF	FF	FF	FF	02	DE	Au	
00000290	1E	81	1F	2B	27	81	1F	00	00	00	00	00	00	00	00	FF	+
000002A0	FF	00	06	00	00	00	BB	DD	AC	7E	54	49	FF	FF	01	42	ÿ
000002B0	6C	E5	3A	94	00	03	00	00	00	00	00	00	00	00	00	00	lâ
000002C0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
000002D0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
000002E0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
000002F0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	08	19	
00000300	C2	FC	01	00	01	FF	FF	FF	FF	FF	FF	FF	FF	02	DE	Au	
00000310	1E	81	1F	2B	27	81	1F	00	00	00	00	00	00	00	00	FF	+
00000320	FF	00	06	00	00	00	BB	DD	AC	7E	54	49	FF	FF	01	42	

- 3 Remove 24C02 memory from S.O.S Emulator



The emulator automatically recognizes the brand and the type of the engine ECU. It does not require the picking of any jumpers, which is what differentiates it amongst other emulators!

4 Write the values from Step 2 into the 24C02 memory unsoldered from S.O.S Emulator:

Addresses: **Text section** (see picture)
 Values: **Values from Step 2.**

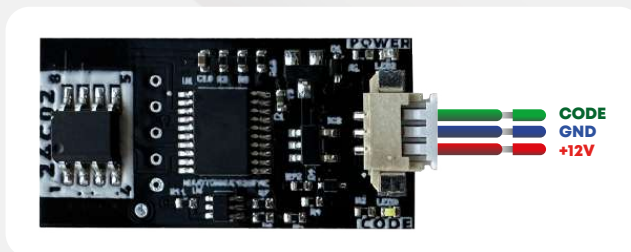
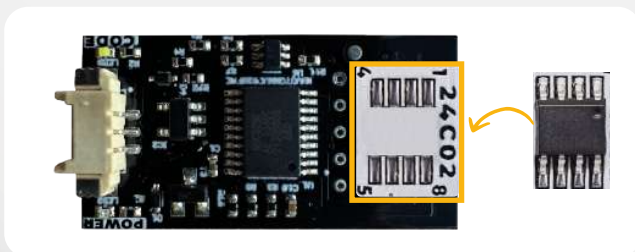
Solder the memory back into S.O.S Emulator.

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00000000	00	31	61	85	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
00000010	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
00000020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
00000030	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
00000040	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
00000050	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
00000060	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
00000070	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
00000080	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
00000090	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF

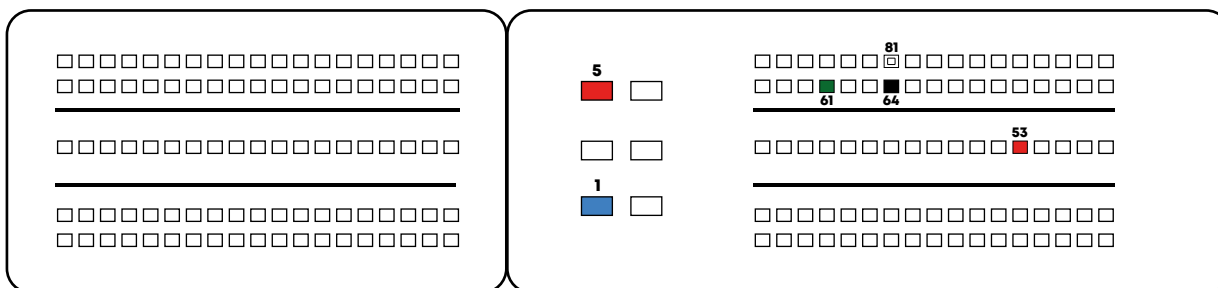
ATTENTION: When writing the pin code of the eeprom memory, do not forget to add 00 to the first line.

5 Solder back the 24C02 memory

Use tin to bridge leg 7 and 8 of the 24C02 memory



6 Connect S.o.S Emulator to ECU according to the diagram.



- PIN 5 - 12V (30)
 - PIN 53 - 12V (15)
 - PIN 1 - GND
 - PIN 64 - CAN H
 - PIN 81 - CAN L
- PIN 61 - CUT THIS PIN FROM CAR INSTALLATION