



HYUNDAI / KIA - IMMO OFF

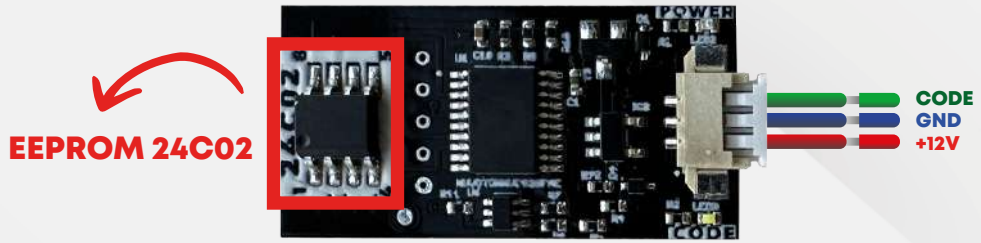
S.O.S Car Simulator instruction manual

- 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.

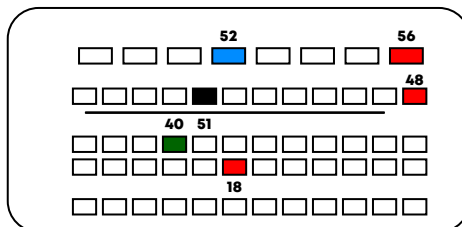
Manual Coding: Ecu. To do the programming you need to have the following information: ecu's pin code.
Pin code example: 112233. Remove the 24c02 eeprom in the emulator and write 00 on the first line and then write the pin code (example 00112233)

HYUNDAI / KIA - IMMO OFF

M 17, 9, 21



CONNECTION



PIN 18, 48, 56 + 12V (30)

PIN 52 - GND

PIN 41 - CAN H

PIN 29 - CAN L

PIN 40 - CUT THIS PIN FROM CAR INSTALLATION

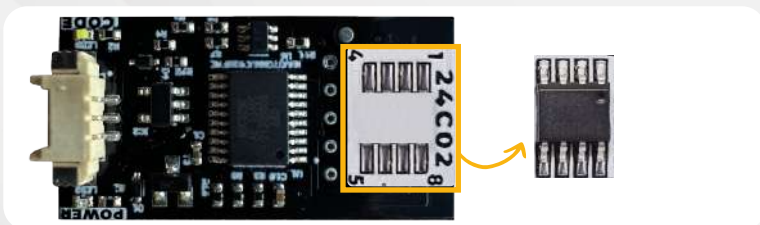
- Find the EEPROM memory on the ECU.
Unsolder the eeprom memory and read its content.

- 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	
000001F0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	60 4F*0
00000200	29	A6	01	00	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 00
00000220	00	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 00
00000240	00	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 00
00000260	00	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	00	00 32 D620
00000280	C2	FC	01	00	01	26	22	80	FF	FF	FF	FF	FF	FF	02 49	Au... & "lyyyyyy.I	
00000290	54	1A	14	74	02	52	1C	00	00	00	00	00	00	00	00 23	T...t R... #	
000002A0	45	00	0A	00	00	00	54	2B	9D	F4	7A	02	FF	FF	01 51	E... T+ 0z.yy.Q	
000002B0	42	97	70	22	00	03	00	00	00	00	00	00	00	00	00 00	Blp".....	
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	00 55 3EU>	
00000300	C2	FC	01	00	01	26	22	80	FF	FF	FF	FF	FF	FF	02 49	Au... & "lyyyyyy.I	
00000310	54	1A	14	74	02	52	1C	00	00	00	00	00	00	00	00 23	T...t R... #	
00000320	45	00	0A	00	00	00	54	2B	9D	F4	7A	02	FF	FF	01 51	E... T+ 0z.yy.Q	
00000330	42	97	70	22	00	03	00	00	00	00	00	00	00	00	00 00	Blp".....	
00000340	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00 00	
00000350	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00 00	
00000360	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00 00	
00000370	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00 55 3EU>	
00000380	54	5B	01	00	20	20	20	20	20	20	20	20	20	20	20 00	T[.....	
00000390	00	00	20	20	20	20	20	20	20	20	20	20	20	20	00 00	
000003A0	01	01	47	42	58	35	36	45	34	44	36	58	52	53	4E 32	GBX56E4D6XR5N?	

- 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)

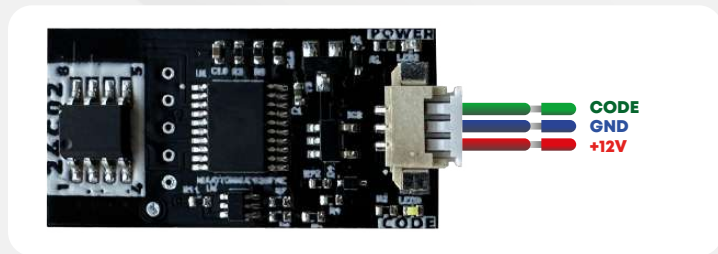
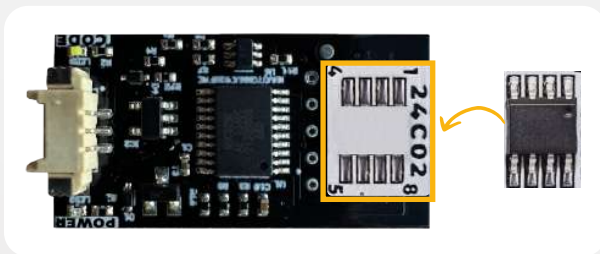
Values: **Values from Step 2.**

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	26	22	80	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

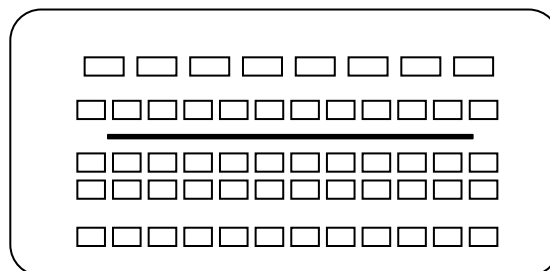
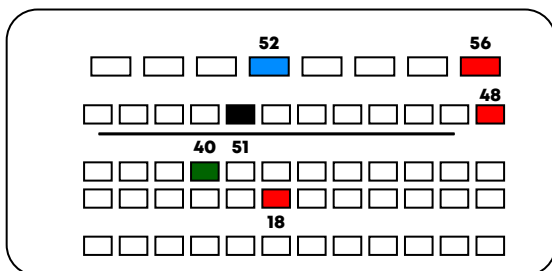
ATTENTION: When writing the pin code of the eeprom memory, do not forget to add 00 to the first line.

5 Solder back the 24C02 memory



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

CONNECTION



- PIN 18, 48, 56 + 12V (30)
 - PIN 52 - GND
 - PIN 41 - CAN H
 - PIN 29 - CAN L
- PIN 40 - CUT THIS PIN FROM CAR INSTALLATION**