



HYUNDAI / KIA - IMMO OFF

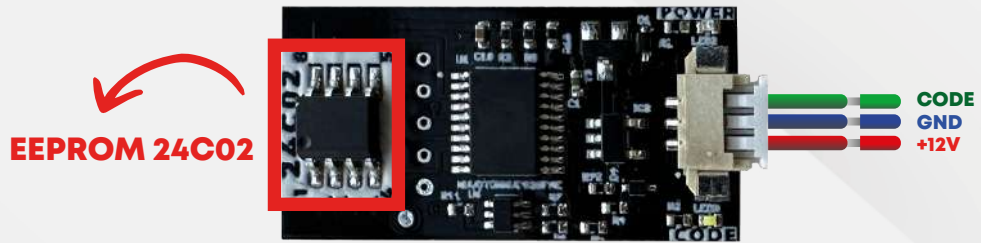
S.O.S Car Simulator instruction manual

- 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...

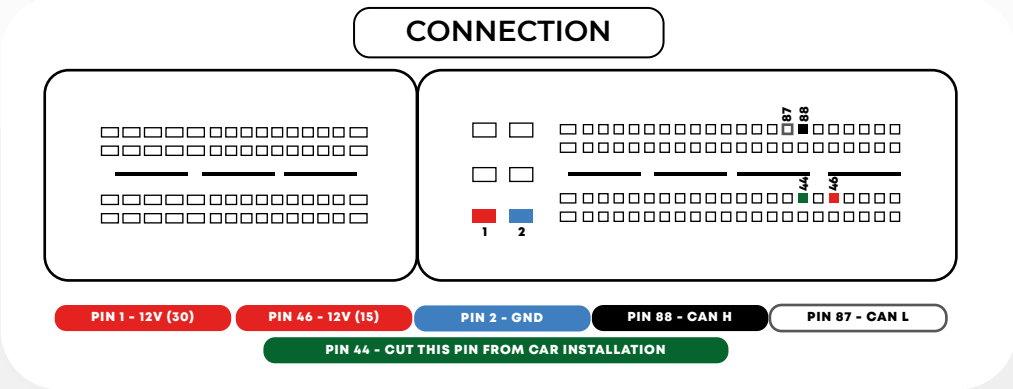


HYUNDAI KIA ECU EMULATOR
Note: PCF7936 transponder works on Smartra 1-2-3 model vehicles, hitag2 keyed, ecu models.

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 OF

EDC 17 C53



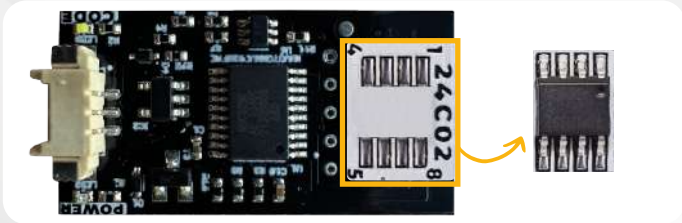
- Find the EEPROM memory on the ECU.
Unsolder the eeprom memory and read its content.

- 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	
00000000	01	00	60	EB	05	0B	00	00	02	43	4D	81	B8	00	00	32	...e...CM...2
00000010	38	2D	30	33	2D	31	34	00	00	00	32	32	2D	30	34	2D	8-03-14...22-04-
00000020	31	34	02	54	85	28	00	44	22	04	14	09	27	59	31	30	14 T(C D" Y10
00000030	33	37	35	33	39	38	30	30	81	01	2F	2F	31	30	33	37	37539800 //1037
00000040	35	31	33	32	30	36	00	00	00	00	00	00	00	00	00	00	513206.....
00000050	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
00000060	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
00000070	00	00	00	00	00	00	00	00	04	00	00	00	C2	3F	24	D4	.....A?%0
00000080	08	00	03	20	02	51	00	00	01	FF	FF	FF	FF	FF	FF	FF	.....O. yyyv
00000090	FF	FF	02	EA	D9	F6	1D	54	C6	F6	1D	00	00	00	00	00	yy.e08.T&8
000000A0	00	00	00	FF	FF	00	00	00	00	00	17	9C	05	D3	FF	49	yy. y. OyI
000000B0	FF	FF	01	42	6C	E5	3A	94	00	03	00	00	00	00	00	00	yy.Bla: |
000000C0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
000000D0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
000000E0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....JF 0G'i
000000F0	00	00	00	00	00	00	00	00	5D	46	00	00	D8	D0	B9	31	.....vP. yyyv
00000100	09	00	A9	27	EB	50	00	00	01	FF	FF	FF	FF	FF	FF	FF	.....e>P. yyyv
00000110	FF	FF	02	EA	D9	F6	1D	54	C6	F6	1D	00	00	00	00	00	yy.e08.T&8
00000120	00	00	00	FF	FF	00	00	00	00	00	17	9C	05	D3	FF	49	yy. y. OyI
00000130	FF	FF	01	42	6C	E5	3A	94	00	03	00	00	00	00	00	00	yy.Bla: |
00000140	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
00000150	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
00000160	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	.....
00000170	00	00	00	00	00	00	00	00	5D	46	00	00	D8	D0	B9	31	.....JF 0G'i
00000180	0A	00	0A	02	76	50	00	00	01	FF	FF	FF	FF	FF	FF	FF	.....vP. yyyv
00000190	FF	FF	02	EA	D9	F6	1D	54	C6	F6	1D	00	00	00	00	00	yy.e08.T&8

- 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:

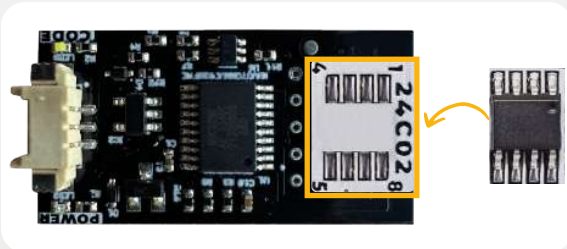
Addresses: **Text section** (see picture)
 Values: **Values from Step 2.**

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

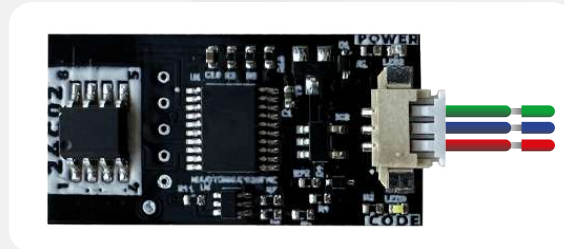
	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	
00000000	00	40	27	73	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	
00000010	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	
00000020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	
00000030	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	
00000040	FF	FF	FF	FF	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.

