



HYUNDAI / KIA - IMMO OFF

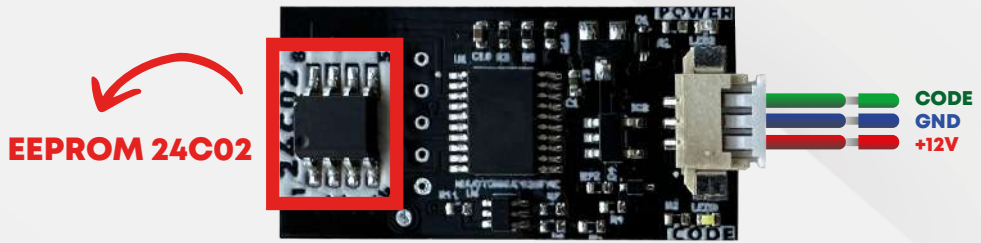
S.O.S Car Simulator instruction manual

- 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.

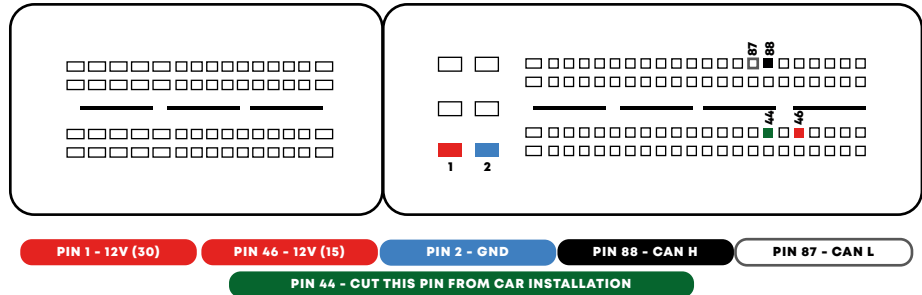
Manual Coding: Ecu. To do the programming you need to have the following information: ecu's pin code.
Pin code example: 112233. Remove the 24c02 eeprom in the emulator and write 00 on the first line and then write the pin code (example 00112233)

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EDC 17 C08



CONNECTION



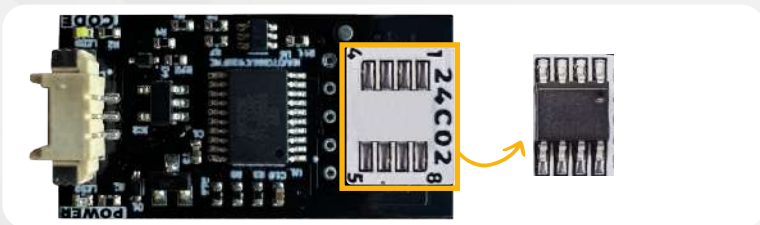
- Find the EEPROM memory on the ECU.
Unsolder the eeprom memory and read its content.

- 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.

00010000	01 00 00 24 AD 22 00 00	00 53 81 59 30 00 00 31	...
00010010	34 2D 30 34 2D 31 34 00	00 00 31 34 2D 30 34 2D	4-04-14... 14-04-
00010020	31 34 02 54 86 04 00 67	14 04 14 16 19 14 31 30	14 T... g... 10
00010030	33 37 35 32 36 30 31 34	23 05 2F 2F 31 30 33 37	37526014# //1037
00010040	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	397037
00010050	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	
00010060	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	
00010070	00 00 00 00 00 00 00 00	09 00 00 00 12 E7 A1 56	
00010080	08 00 30 E1 9A 71 00 00	01 06 76 23 FF FF FF FF	02iq... v#yyyy
00010090	FF FF 02 BA 1A 7C 1D A6	1C 7C 1D 00 00 00 00 00	yy.2... ... N AXI
000100A0	00 00 00 FF FF 00 04 00	00 00 01 15 04 C4 58 49	yy.Bla: ...
000100B0	FF FF 01 42 6C E5 3A 94	00 03 00 00 00 00 00 00	
000100C0	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	
000100D0	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	
000100E0	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	
000100F0	00 00 00 00 00 00 00 00	F5 4E 00 00 13 C9 BE 49	EN. aE&I
00010100	09 00 47 F1 99 71 00 00	01 06 76 23 FF FF FF FF	G&Iq... v#yyyy
00010110	FF FF 02 BA 1A 7C 1D A6	1C 7C 1D 00 00 00 00 00	yy.2... ... N AXI
00010120	00 00 00 FF FF 00 04 00	00 00 D1 1C 04 C4 58 49	yy.Bla: ...
00010130	FF FF 01 42 6C E5 3A 94	00 03 00 00 00 00 00 00	
00010140	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	
00010150	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	
00010160	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	
00010170	00 00 00 00 00 00 00 00	F5 4E 00 00 13 C9 BE 49	EN. aE&I
00010180	0A 00 00 30 98 71 00 00	01 06 76 23 FF FF FF FF	02iq... v#yyyy
00010190	FF FF 02 BA 1A 7C 1D A6	1C 7C 1D 00 00 00 00 00	yy.2... ... N AXI
000101A0	00 00 00 FF FF 00 04 00	00 00 01 15 04 C4 58 49	yy.Bla: ...
000101B0	FF FF 01 42 6C E5 3A 94	00 03 00 00 00 00 00 00	
000101C0	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	
000101D0	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	
000101E0	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00	

- 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)

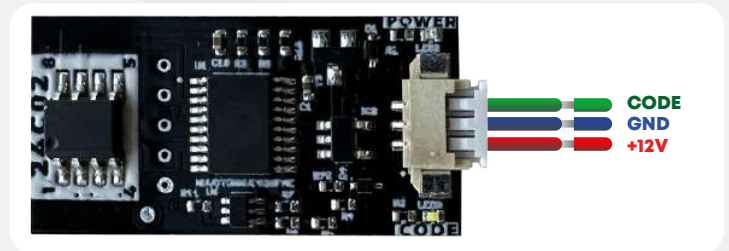
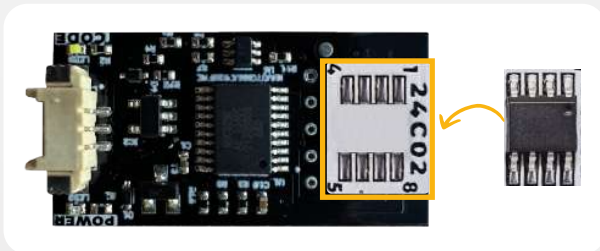
Values: **Values from Step 2.**

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	06	76	23	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.

