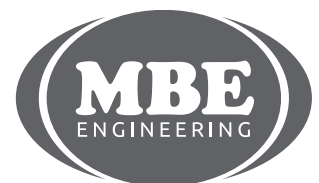


IMMOBILISER EMULATOR OPEL IMMO 1

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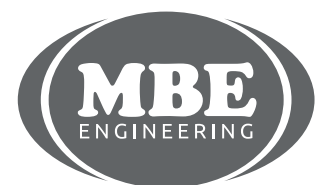
OPEL IMMO 1

SUPPORTED MODELS

OPEL vehicles with immo1 system

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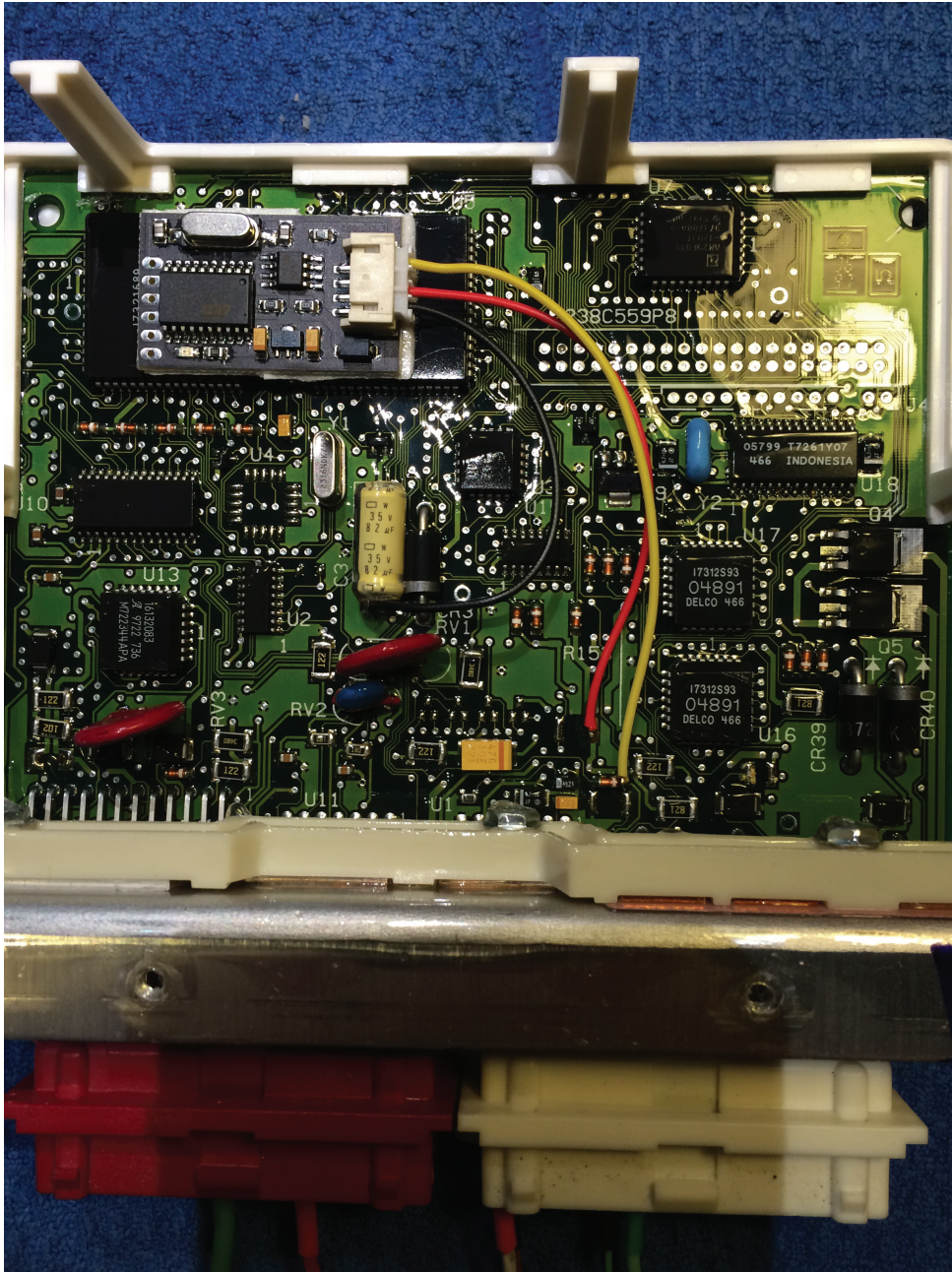
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OPEL IMMO 1

FOR LEGAL USE ONLY

1.6 gasoline 2 socket (red and white) ECU
with motorola 68HC11F1 processor



OPEL IMMO 1

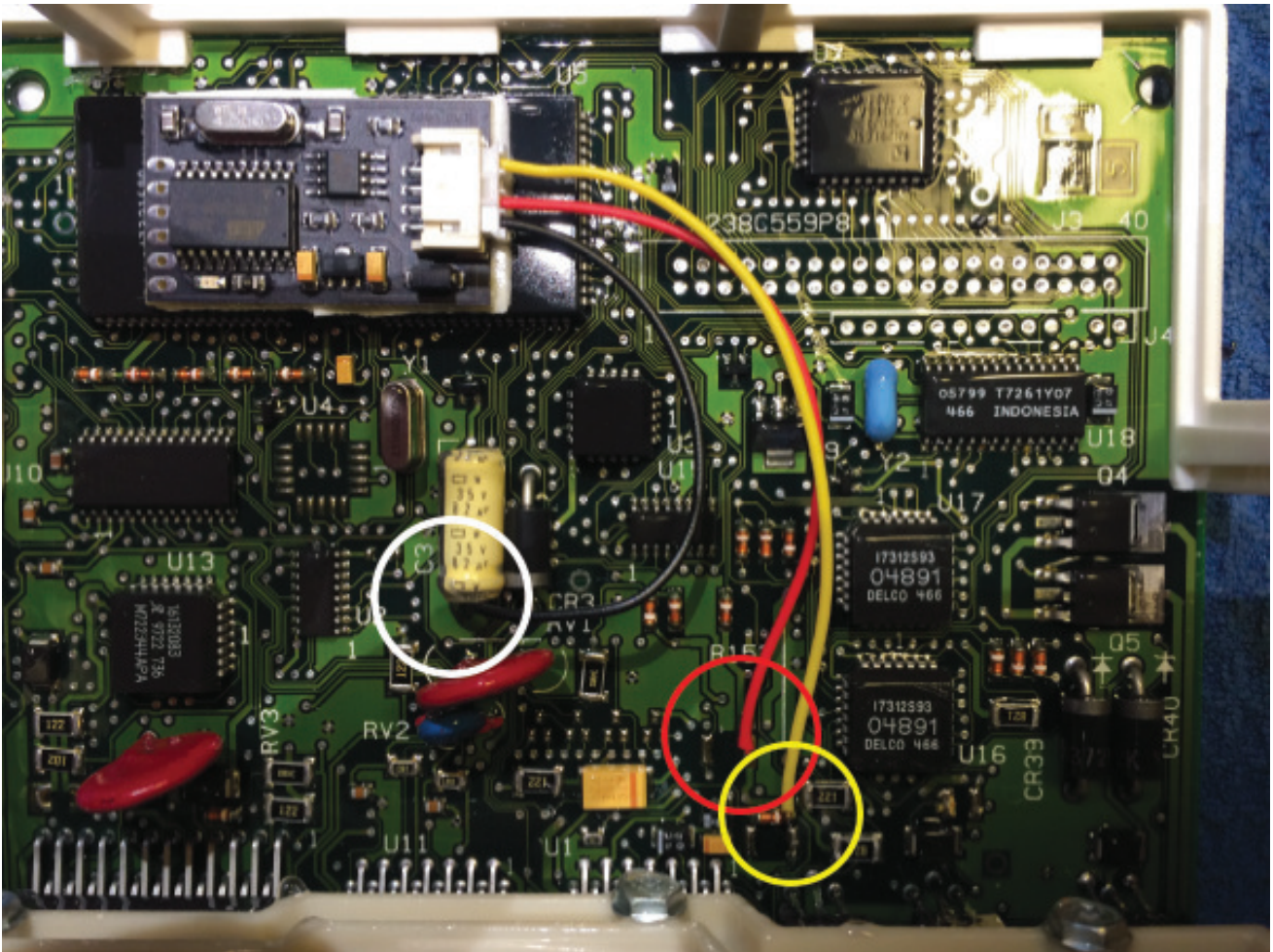
This diagnostic tool is used to write on the emulator

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OPEL IMMO 1



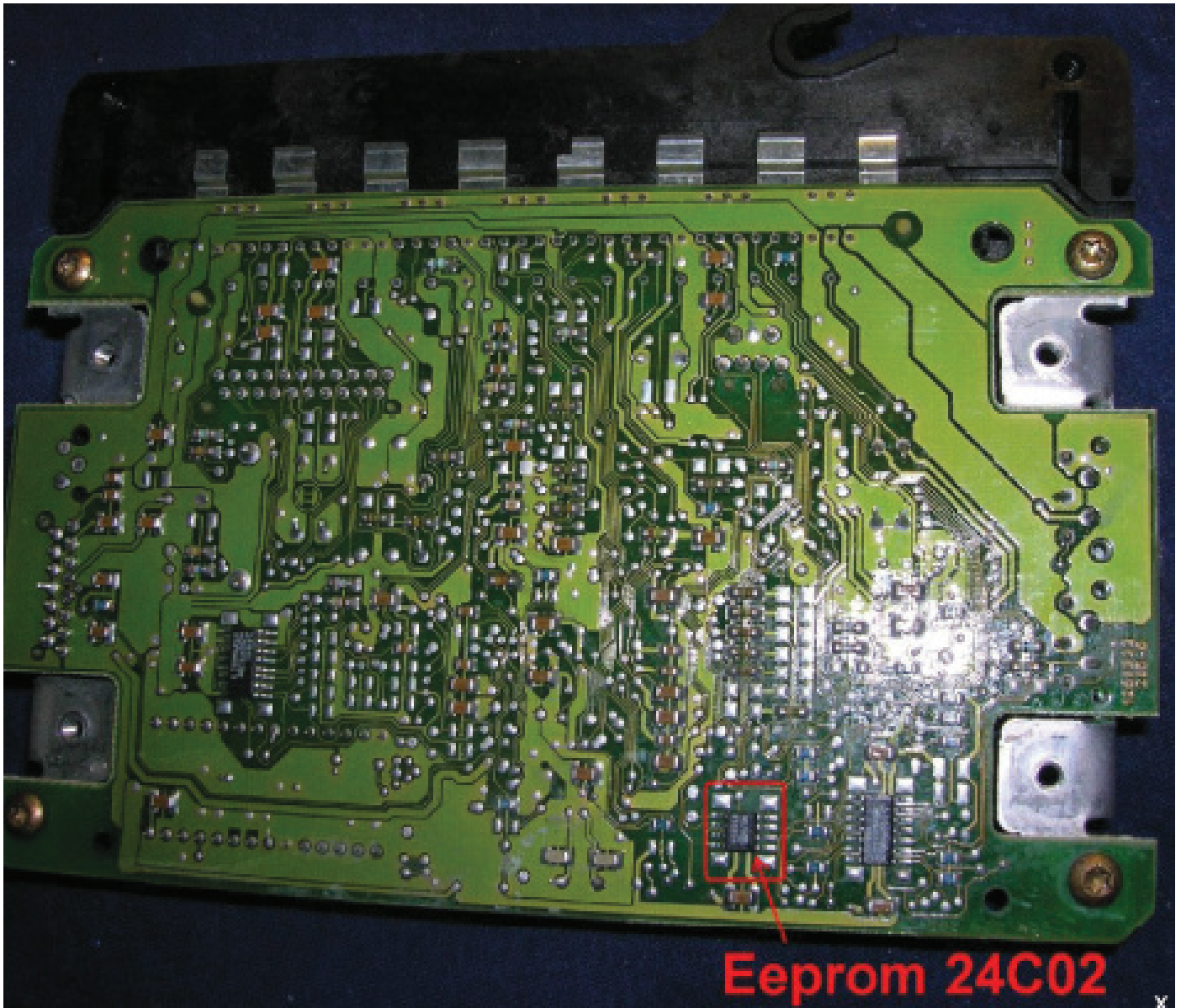
!!! Before connecting the emulator you must precisely insulate it and the original immobilizer cannot be connected !!!

Connection of emulator to ECU
black to GND
red to +12 Acc
yellow to CODE

Disconnect immobilizer and connect pins 6 and 7 in the immo plug wiring

OPEL IMMO 1

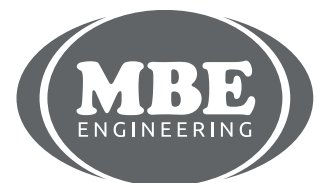
2.5 gasoline 24C02 eeprom memory



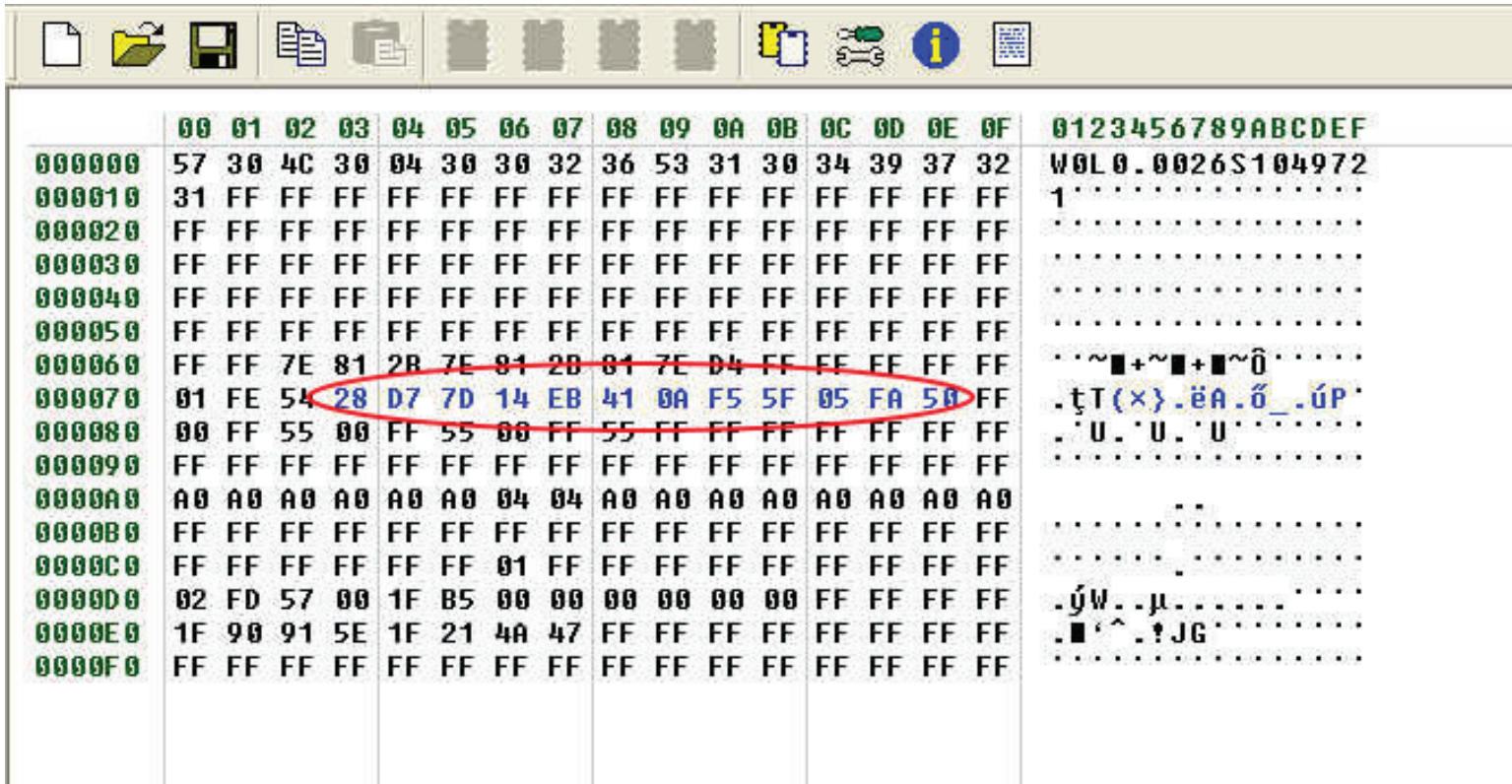
Find 24C02 eeprom

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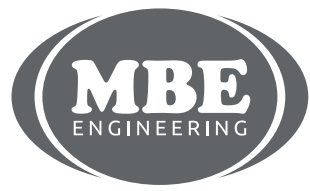
OPEL IMMO 1



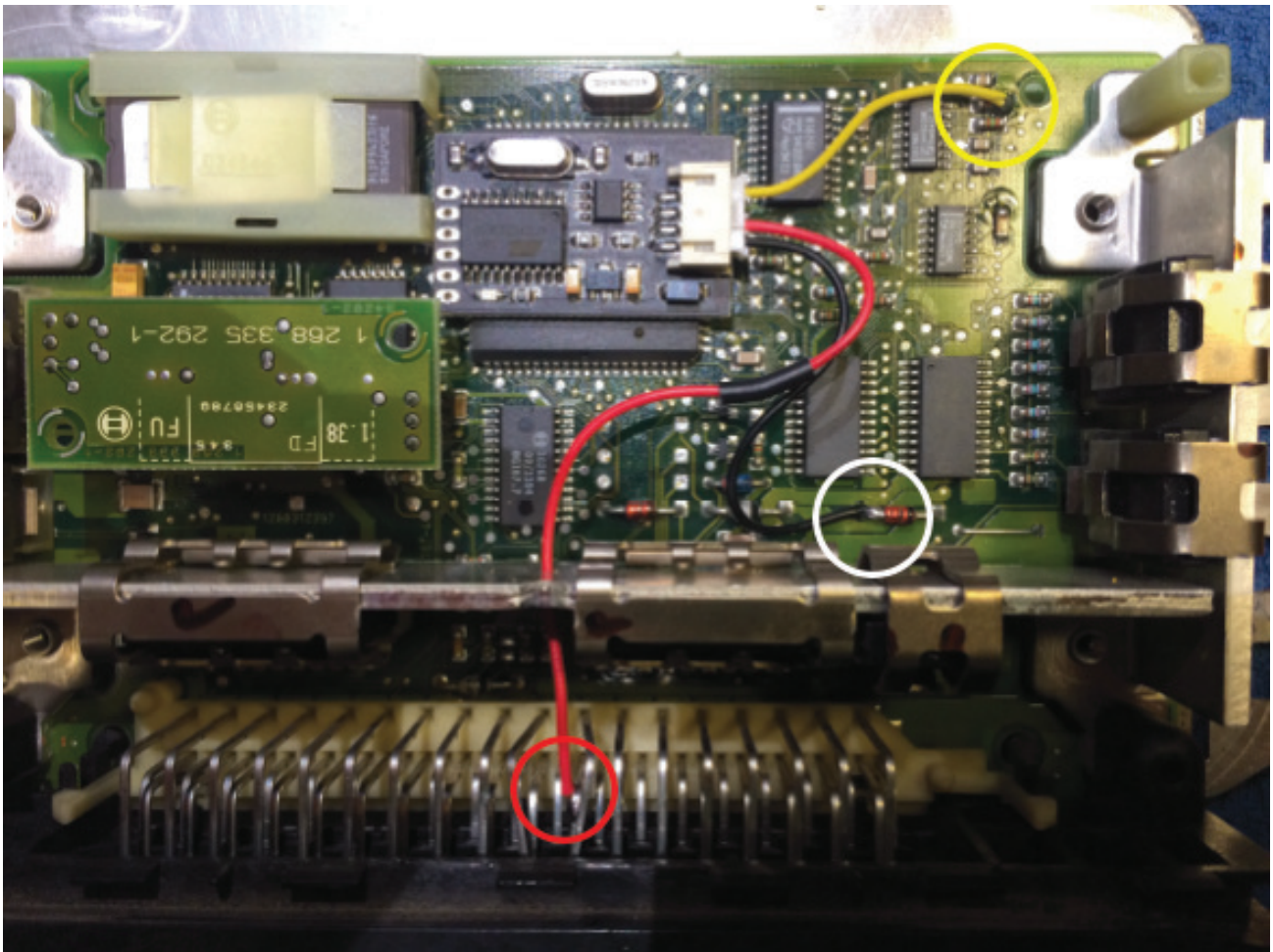
	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	0123456789ABCDEF
000000	57	30	4C	30	04	30	30	32	36	53	31	30	34	39	37	32	W0L0.0026S104972
000010	31	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	1.....
000020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
000030	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
000040	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
000050	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
000060	FF	FF	7E	81	2B	7E	81	2B	81	7E	D4	FF	FF	FF	FF	FF	..~■+~■+■~ô.....
000070	01	FE	54	28	D7	7D	14	EB	41	0A	F5	5F	05	FA	50	FF	.tT(x).ëA.ó_.úP'
000080	00	FF	55	00	FF	55	00	FF	55	FF	FF	FF	FF	FF	FF	FF	..U..U..U.....
000090	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0000A0	A0	A0	A0	A0	A0	A0	04	04	A0	A0	A0	A0	A0	A0	A0	A0
0000B0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
0000C0	FF	FF	FF	FF	FF	FF	01	FF	FF	FF	FF	FF	FF	FF	FF	FF
0000D0	02	FD	57	00	1F	B5	00	00	00	00	00	00	FF	FF	FF	FF	..úW..μ.....
0000E0	1F	90	91	5E	1F	21	4A	47	FF	FF	FF	FF	FF	FF	FF	FF	..■'^.†JG.....
0000F0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF

In address 0x73 to 0x7E write: 28 D7 7D 14 EB 41 0A F5 5F 05 FA 50

Instead of manual modification of eeprom memory or ECU processor, emulator also perfectly writes with use of diagnostic tool OP_COM, TECH1, TECH2.



OPEL IMMO 1

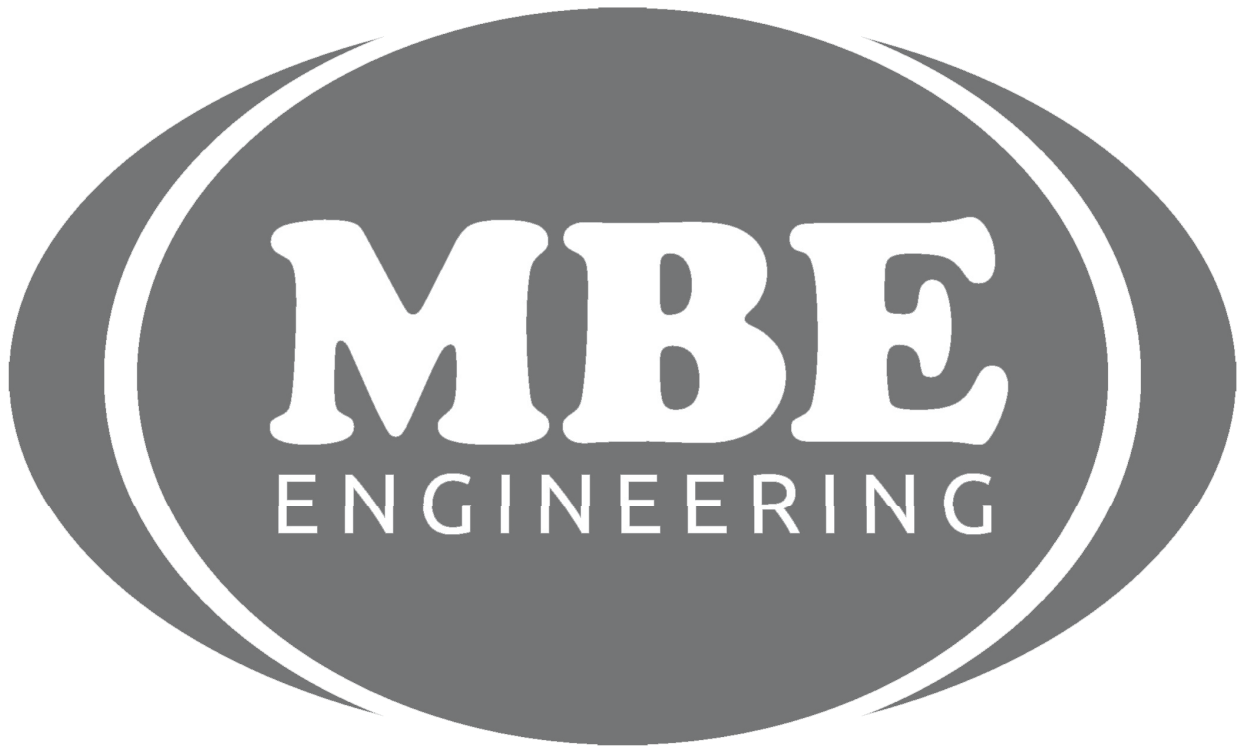


!!! Before connecting the emulator you must precisely insulate it and the original immobilizer cannot be connected !!!

Connection of emulator to ECU
(2.5 gasoline)

black to GND
red to +12 Acc
yellow to immo

Disconnect immobilizer and connect pins 6 and 7 in the immo plug wiring



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