



BMW IMMO EMULATOR



Created by Carlabimmo

Thank you for purchasing our device.

BMW immo emulator replaces original immobiliser signal in the case of losing car keys, damage of the transmitter or immobiliser module.

It is suitable for cars with EWS II and EWS III 3.2 systems

Use

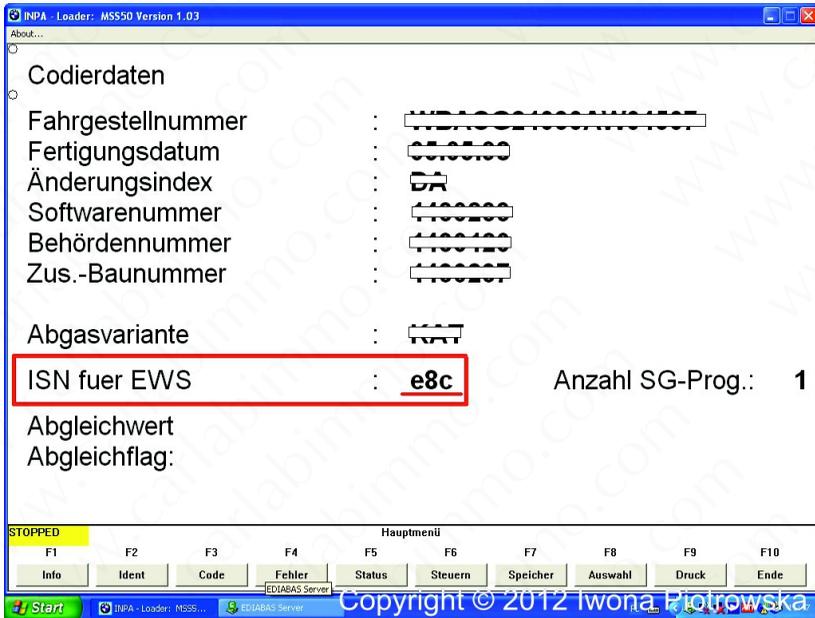
- E36 until the end of production**
- E34 until the end of production**
- E38 up to 05.1997**
- E39 up to 09.1997**
- Z3 up to 1999**

The emulator is individually programmed according to ISN code read with INPA (The customer sends us the ISN code).

LED indication

white – power

blue- after adjusting it lights constantly and blinks every other second



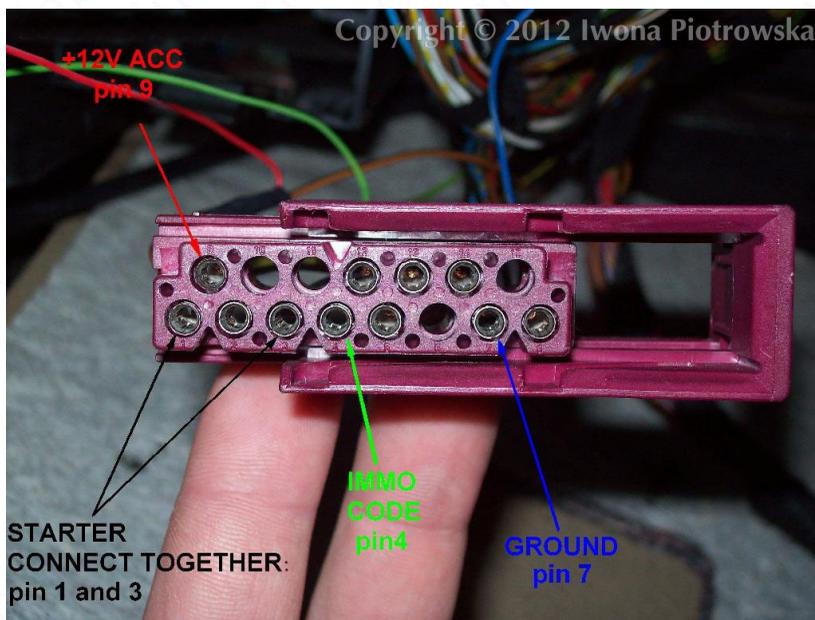
Read ISN code from ECU or EWS module with INPA diagnosis tester

ISN CODE - e8c

Connecting emulator:

BMW 3 Series (E36) 1.6

-Connect it to the plug of original immobiliser
behind passenger glove compartment

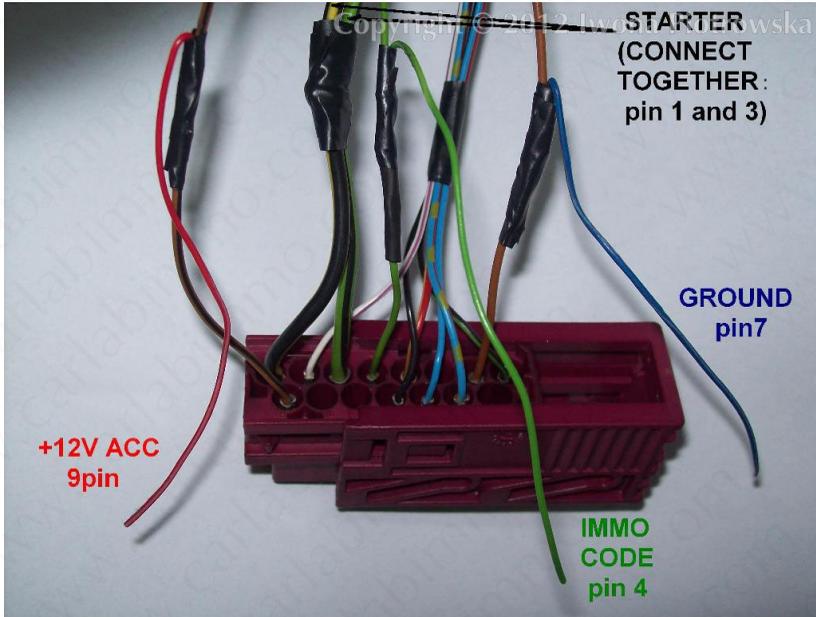


+12V ACC – 9pin

CODE LINE – 4pin

GND – 7pin

STARTER - connect pin 1 and 3 together



+12V ACC – 9pin

CODE LINE – 4pin

GROUND – 7pin

STARTER - connect pin 1 and 3 together

- Connecting the emulator in ECU

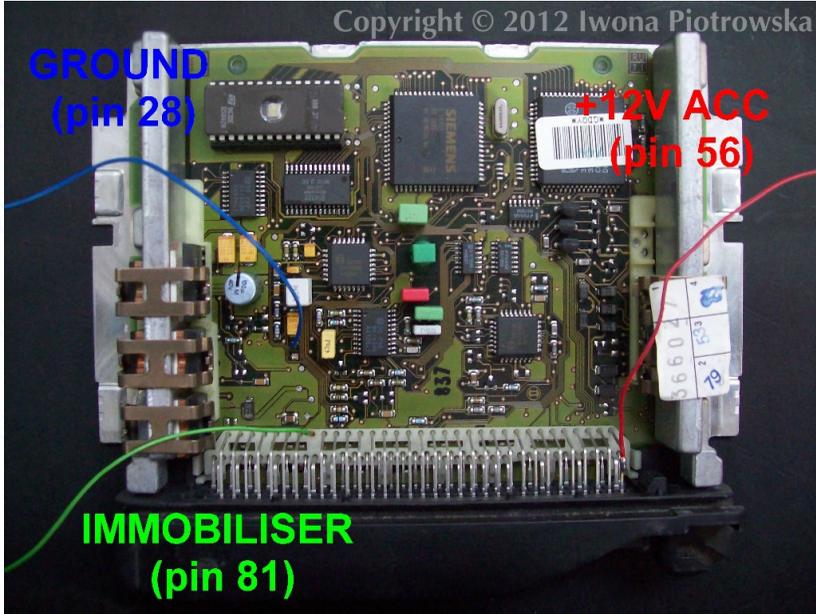
**BMW 3 Series (E36) 1.6
Motronic ECU System M.1.7.2 M42**



+12V ACC – 56pin
CODE LINE – 81pin
GND – 28pin

Before starting the car, disconnect EWS and connect the pins 1 and 3, which is starter signal

**BMW 3 Series (E36) 1.6i, 1.8i
Motronic ECU System M43**



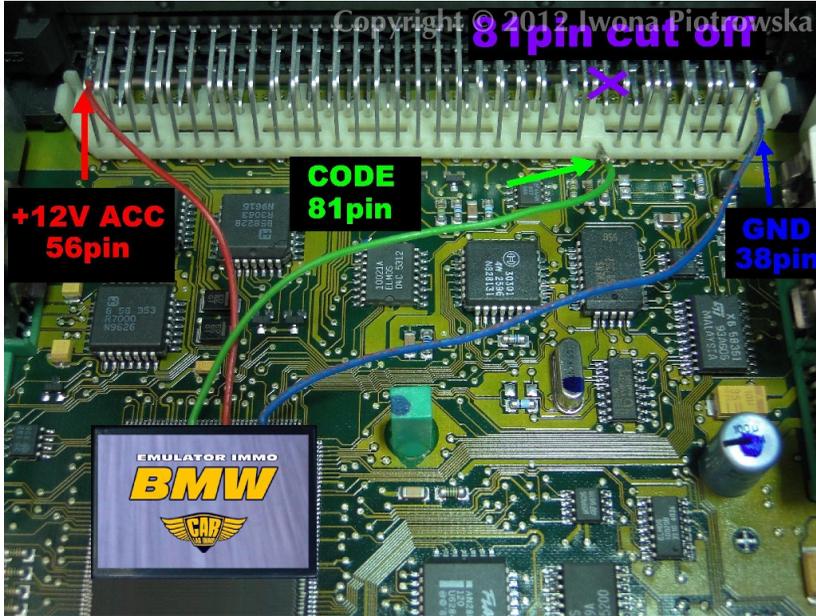
+12V ACC – 56pin

CODE LINE – 81 pin (cut-off from plug)

GND – 28pin

**Before connecting emulator, use multimeter to check signals!!!
Before starting the car, disconnect EWS and connect the starter signal.**

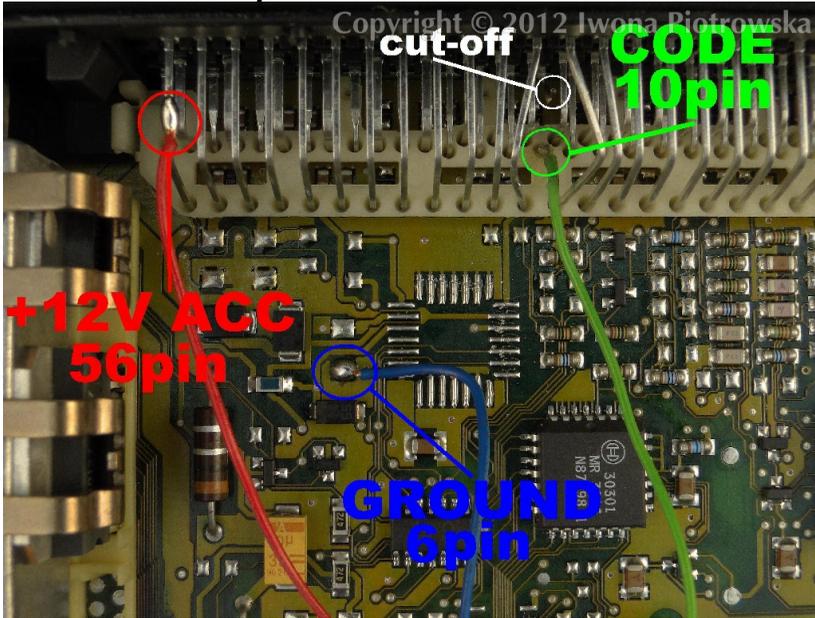
BMW 3 Series (E36 / Z3) Motronic ECU System M43



+12V ACC – 56pin
CODE LINE – 81pin (cut-off from plug)
GND – 38pin

Before connecting emulator, use multimeter to check signals!!!
 Before starting the car, disconnect EWS and connect the starter signal.

**BMW 3 Series (E36 / Z3) 1.8ti, 1.8i
ECU System Motronic M5.2 M44, M62**



+12V ACC – 56pin
CODE LINE – 10pin (cut-it off from plug)
GROUND – 6pin

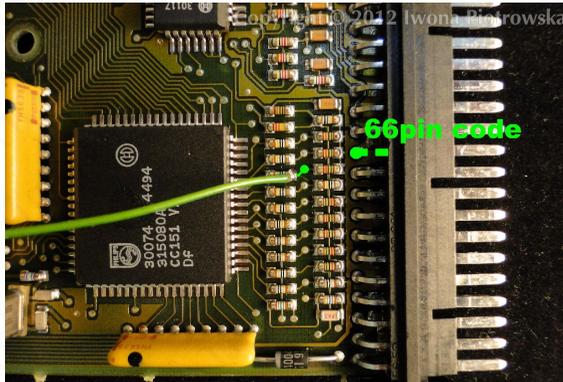
**Before connecting emulator, use multimeter to check signals!!!
 Before starting the car, disconnect EWS and connect the starter signal.**

BMW 7 Series (E38) 4.0i Motronic ECU System M60/2

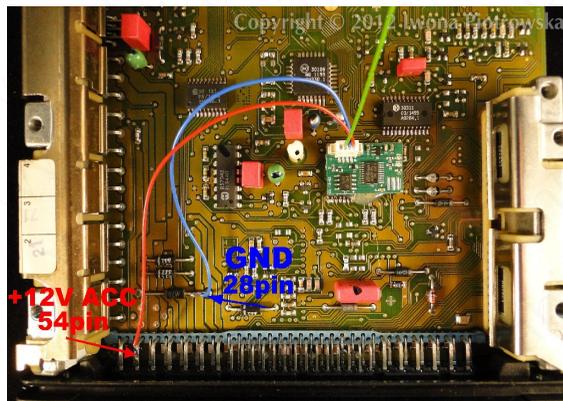


Before starting the car, disconnect EWS and connect the starter signal.

Connecting the emulator



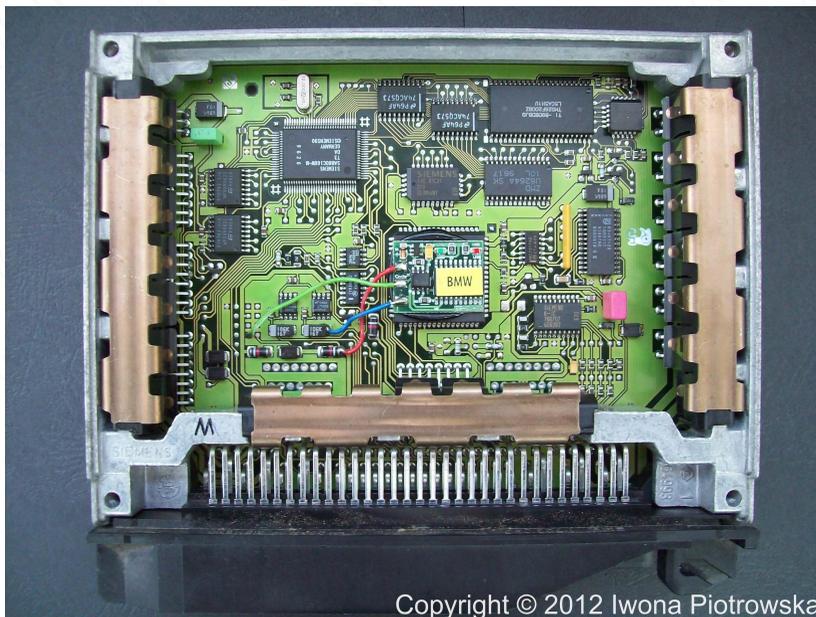
CODE - 66pin
(cut-off from plug)



+12V ACC – 54pin
GND - 28pin

Before connecting emulator, use multimeter to check signals!!!

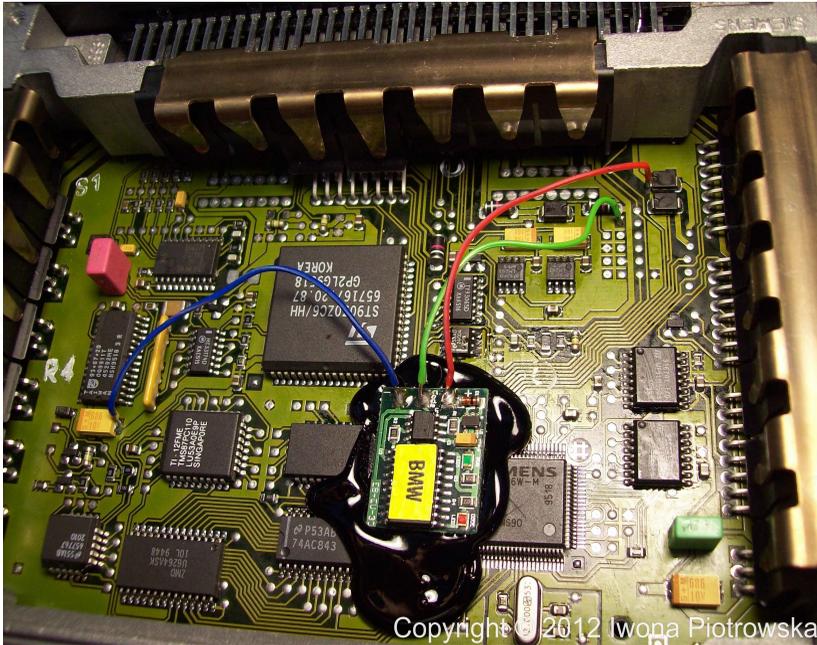
**BMW 3 Series (E36) 2.0i
Siemens ECU System MS 41.0 M52**



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**Before connecting emulator, use multimeter to check signals!!!
Before starting the car, disconnect EWS and connect the starter signal.**

**BMW 5 Series (E39) 2.0 520i
ECU System Siemens MS 41**



**Before connecting emulator, use multimeter to check signals!!!
Before starting the car, disconnect EWS and connect the starter signal.**

CONNECTION DESCRIPTIONS

BMW 3 Series (E36)

1.6i 1993-99 1.8is 1994-99 1.8ti 1994-98

CODE – 81pin

+12V ACC – 56pin

GND - 34pin

2.0i (MS40)1992-99 2.5i 1995-99 2.8i 1995-99

CODE – 18pin

+12V ACC – 49pin

GND - 34pin

BMW 5 Series (E34)

1.8i 1994-96

CODE – 81pin

+12V ACC – 56pin

GND – 34pin

2.0i 1991-96**CODE – 18pin****+12V ACC – 49pin****GND - 34pin****BMW 5 Series (E39)****2.0i Sept.1996 -1997 2.8i 1996-00****CODE – 18pin****+12V ACC – 49pin****GND – 34pin****BMW 7 Series (E38)****2.8i May 1994-97****CODE – 18pin****+12V ACC – 49pin****GND – 34pin**

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