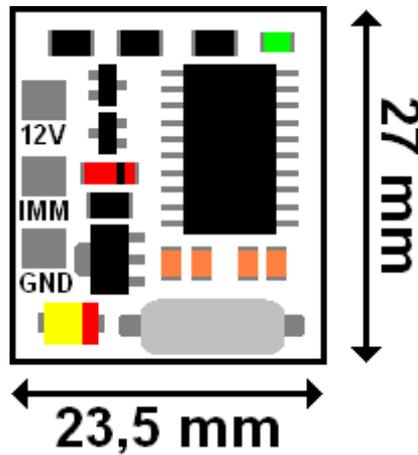


**MATIZ IMMO EMULATOR  
MANUAL**

### 1. TECHNICAL SPECIFICATION

a) Dimensions: length – 23,5mm, width – 27mm, height – 6mm

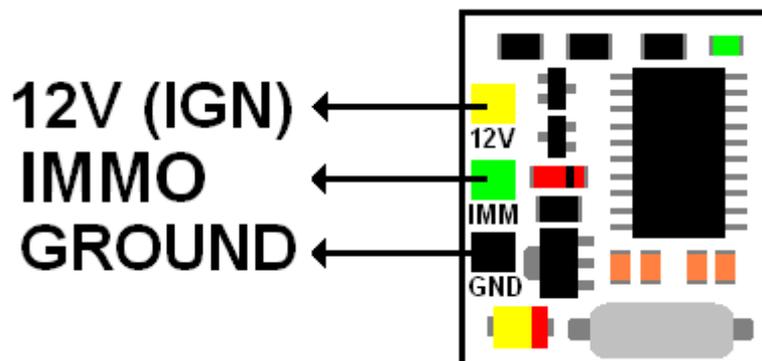


- b) Weight: ~10g
- c) Operating humidity range from 5 to 95% (non-condensing humidity)
- d) Supply voltage 12V

### 2. SYSTEMS THIS TOOL WAS TESTED WITH

- a) Daewoo Matiz Siemens
- b) Daewoo Matiz Kemsco

### 3. OUTPUT



OUTPUT	
YELLOW (12V)	+12V After Ignition (15)
GREEN (IMMO)	Immobilizer line
BLACK (GND)	Ground

#### 4. INSTALLATION

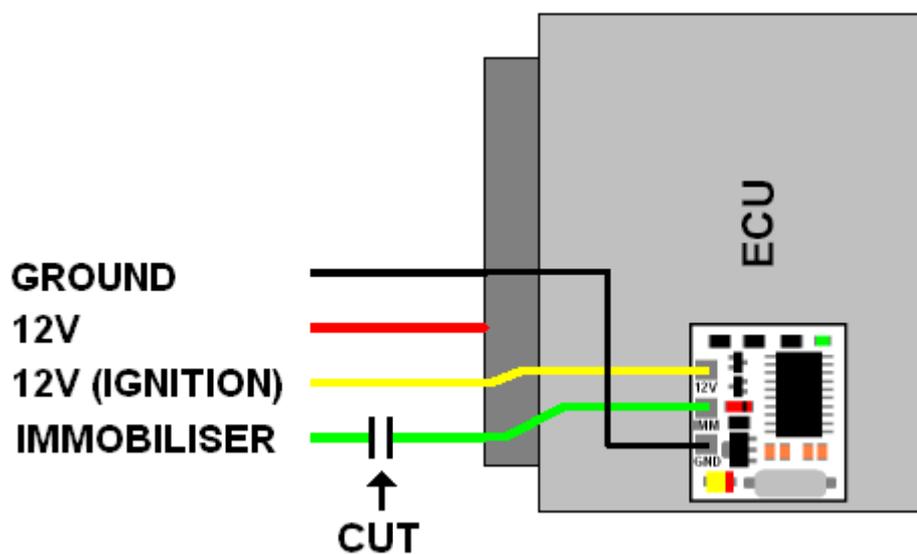
Installation is very simple only 3 wires to connect: +12V, GND and IMMO-line.

**NOTE: After install emulator cut off original immobiliser data line.**

Emulator self-learning immobilizer code.

#### 5. WIRING DRAWINGS

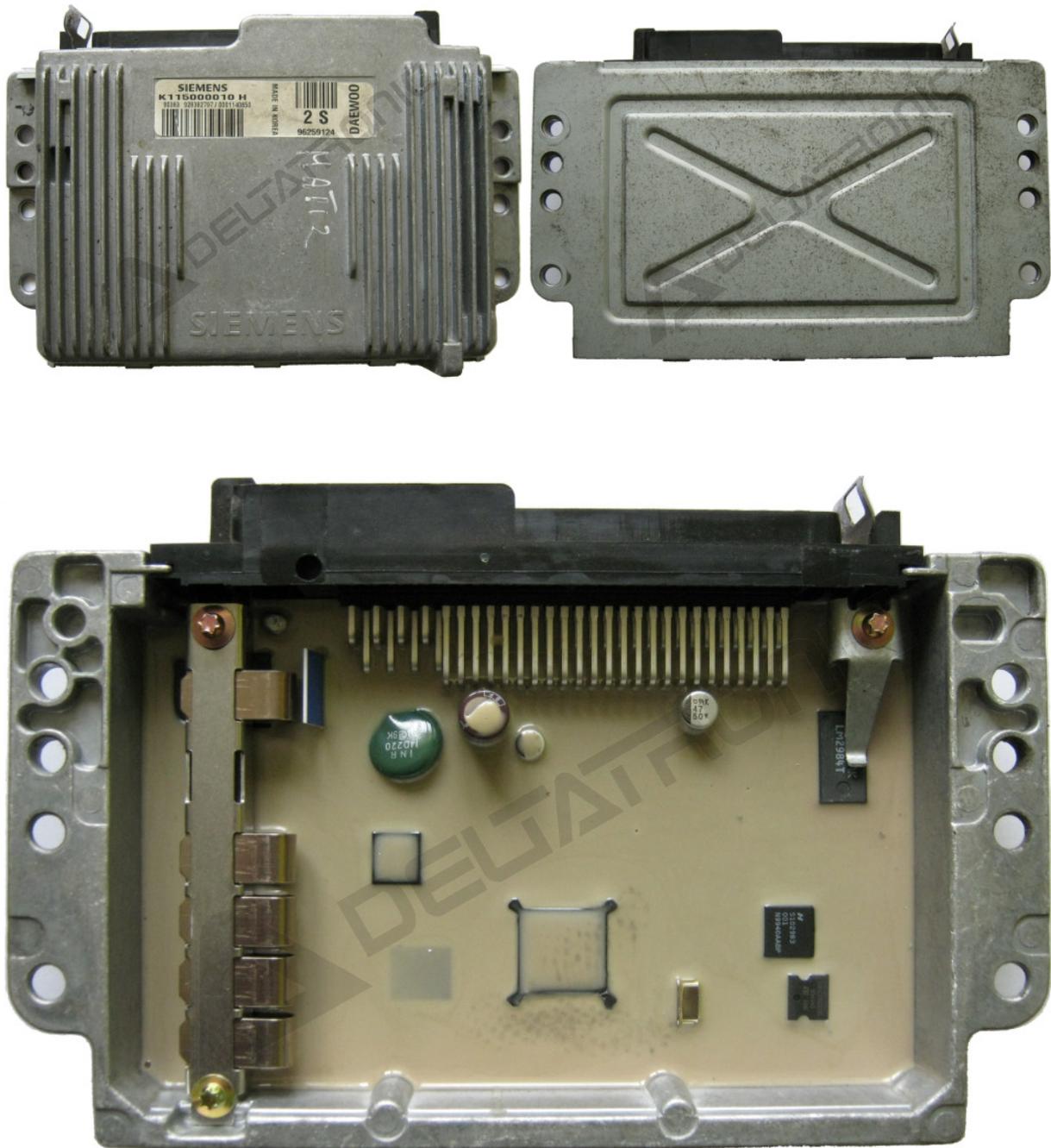
GENERAL:



**IMPORTANT:** Due to possible structural changes in the cars, before connecting the device You should always check signals by multi-meter on the immo plug or in ECU.

### 5.1 Daewoo Matiz ECU Siemens

#### IDENTIFICATION:

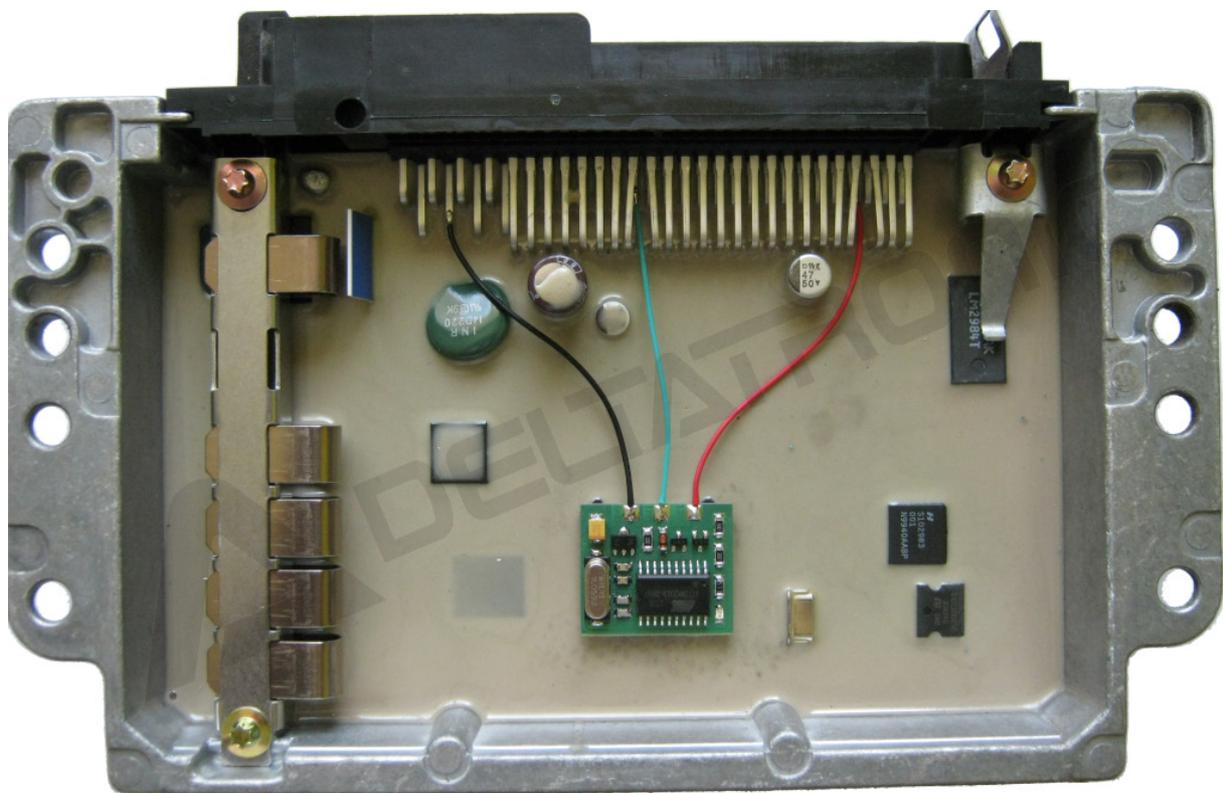


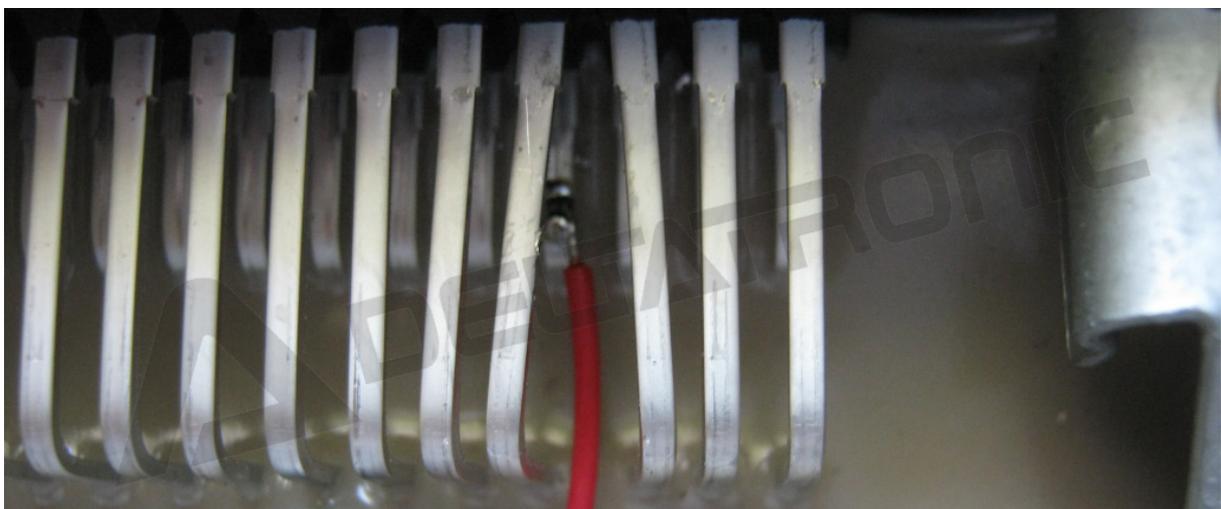
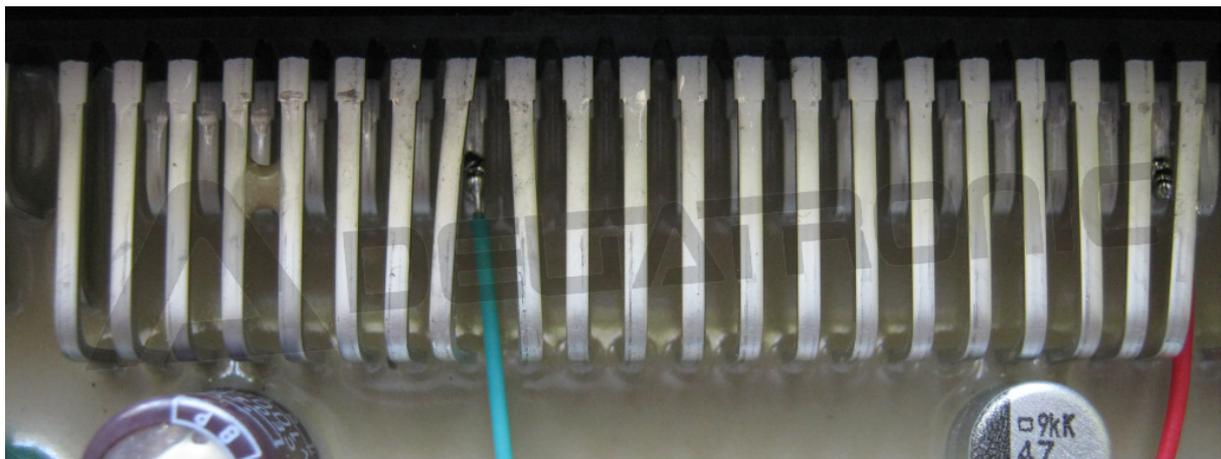
### INSTALLATION OF EMULATOR:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55

PIN	DESCRIPTION
PIN 2 or PIN 3	Ground
PIN 24	+12V After Ignition (15)
PIN 11	Immobilizer line

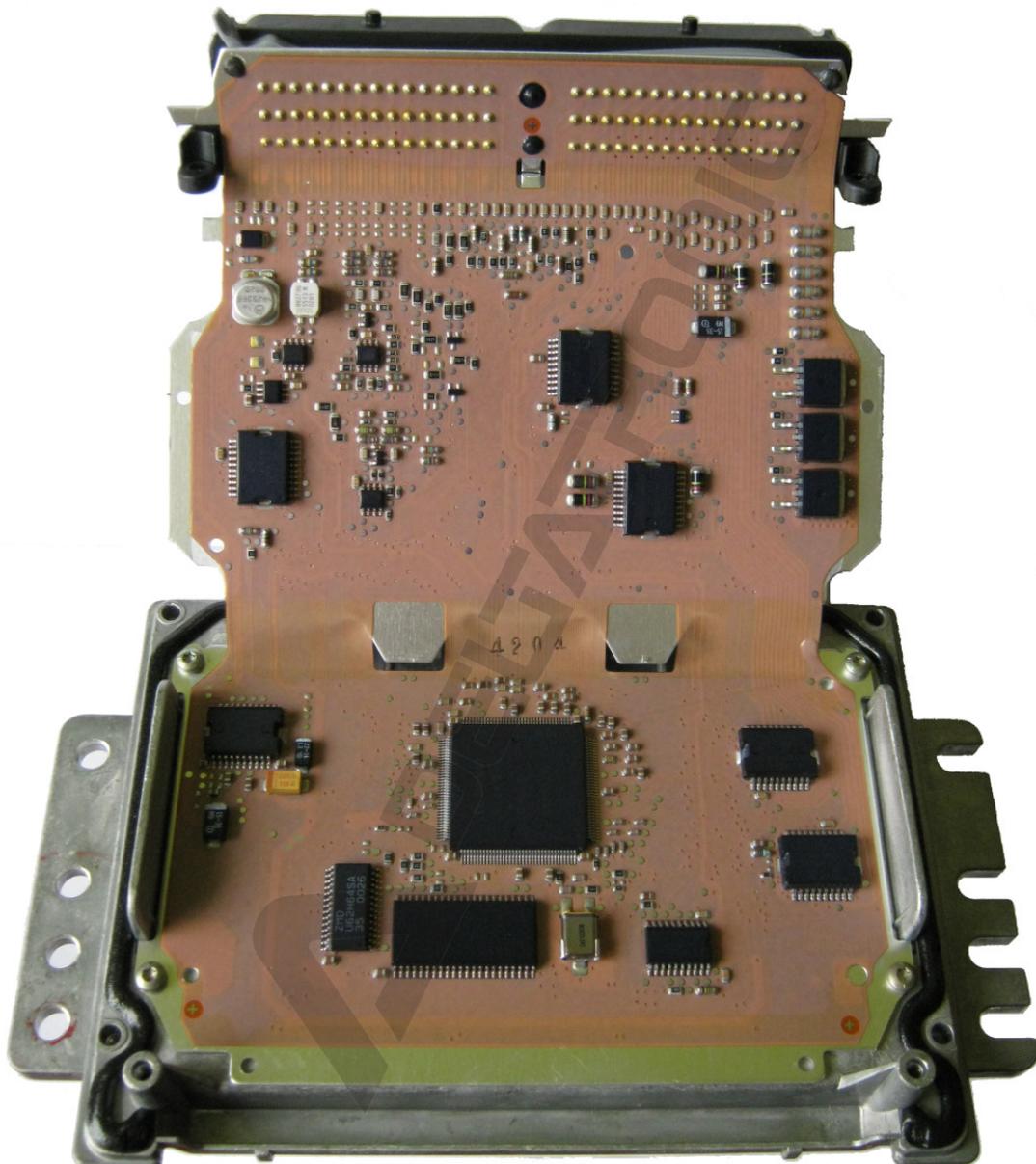
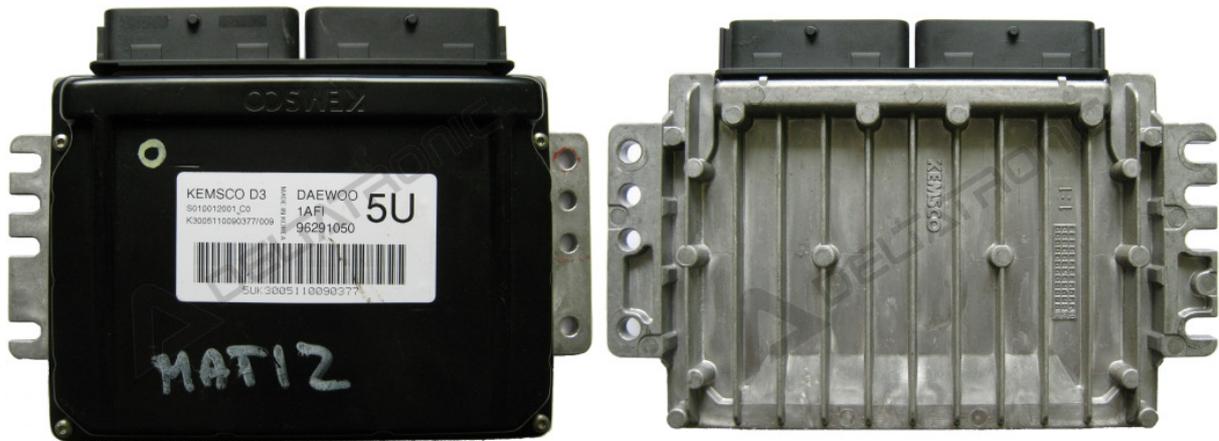
**NOTE: After install emulator cut off original immobiliser data line.**



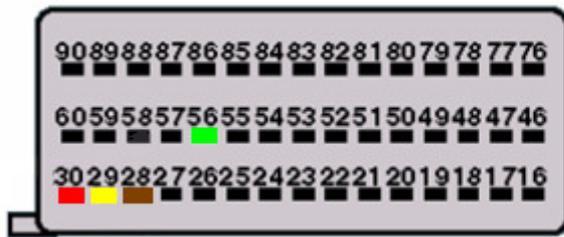


### 5.2 Daewoo Matiz ECU Kemsco

#### IDENTIFICATION:



**INSTALLATION OF EMULATOR:**



PIN	DESCRIPTION
PIN 3 or 28 or 33 or 63 or 67	Ground
PIN 66 or 29	+12V After Ignition (15)
PIN 56	Immobilizer line

**NOTE: After install emulator cut off original immobiliser data line.**

