

Immo Tool

***SOFTWARE WHICH ENABLES THE REPAIR AND CODING IMMOBILISERS AND
ENGINE ECU'S***

READ THIS DOCUMENT CAREFULLY

DISCLAIMER

The Immo Tool software is a tool designed purely for educational purposes. Any other uses are contrary to the regulations and TMW electronic does not take any responsibility for the side effects the software may cause. You're using it on your own discretion.

1. What is Immo Tool?

Immo Tool is a software kit which enables the repair and coding of engine ECUs and immobilisers. The main aim of the Immo Tool manufacturer is to simplify and automate the process of matching and programming second hand engine ECUs and immobilisers, making it possible to reuse them. Generally, we can say that Immo Tool is a set of solutions gathered together in one big software application.

2. How is THE JOB done?

Immo Tool works on files so you need several programmers to read and write the devices you work with. Working with the software involves:

- *choosing the car type and ECU type (this involves coding algorithm of the immo entries)*
- *loading the right file*
- *starting the program*
- *saving the modified file or loading the decoded PIN or VIN codes*
- *programming the target system with the modified file*

A file which has been properly modified and loaded to ECU memory makes it possible to activate a second hand ECU to start in a new environment / new car. It can be assumed (with just a few exceptions) that the modified ECU will work just like its brand new equivalent – ready for coding / self coding. In some cases the new ECU will work without the coding function enabling to test the car engine with a damaged Immo device or even without any immo devices.

3. What do you need to start work with Immo Tool?

The software works on files and reading of the memory contents is your problem. Sometimes it is possible via diagnosis but in most cases you would have to take the ECU out of the car and read the contents of the memory. In our opinion you need:

- *universal programmer able to read / write Eeprom and flash memories*
- *universal programmer able to read / write serial memories (SPI, I2C, uWire)*
- *several Motorola programmers (HC 908, 912, 05, 11 ...) Texas Instruments Microcontroller programmers (TMS370, TMS374)*
- *other programmers (strange hybrid from Opel, Fiat ...)*
- *a tool that can read the contents of ECU via diagnosis line would be of a great advantage*

After modifying the memory contents it would be nice to test the ECU on desk – by emulating the camshaft / crankshaft sensor signals. Take a look at our PG07 sensor emulator.

4. Where can I find update information and the list of supported systems?

The list of supported ECU/IMMO types included in the most recent software version can be found here: <http://tmw.netlook.pl/download/IT.txt>

5. What are the system requirements?

Generally the software will run on every x86 machine working on windows 2K/XP, equipped with a free USB port and capable of working in 1024x768 resolution. Our recommendation is a windows XP based host with at least 512 MB of RAM memory.

6. What is the content of the Immo Tool kit?

The Immo Tool kit includes:

- CD with the Immo Tool software and dongle drivers
- USB Dongle

7. What about the updates?

- *There are no free updates. The price for each update is 25 Euro.*
- *To create an update CD we need your USB key, so you have to send us your USB dongle each time you need an update. We need also your EXACT ADDRESS and license number.*
- *There are no time restrictions or updates count limitations, the rules are simple – first you pay 25 Euro and send us your dongle then we send you an update CD including the most recent Immo Tool version.*
- *Each software is unique so we know who was the source for the eventual cracked version. If you were a source for the cracked version – forget the updates.*
- *As for the number of updates we release a year – there are no rules. We release an update when we have time and new solution ideas.*
- *We will not answer emails asking us for the date we release a new update.*
- *Don't send us emails asking for files modifications. If we have a solution – it's implemented in the Immo Tool software if no - we can't help you!*

8. What is the price?

The price for the Immo Tool set (Software + USB Dongle) - 450 Euro.

450 means 450 and not 420 or 390 Euro. If you think it's too much so buy elsewhere – it's your choice. Don't ask us for discounts if you buy only one or two licenses!