

USER MANUAL of IMMOBILIZER

Omega IMMO

The purpose of the immobilizer Omega IMMO is the identification of the driver. The driver is identified, when the person with ID card comes inside the communication area. If the person has no ID card, the immobilizer regards, the vehicle is under unauthorized use and transfers the signal for engine immobilization.



THE SET

- a) system unit;
- b) two ID cards;
- c) user manual;

THE SYSTEM UNIT

The system unit supports 2-way radio communication with ID card, decodes received information and converts it to the control signals. If the driver identification fails, the system unit transfers an immobilization signal intended for an external immobilization equipment. A car alarm system, GSM/GPS system, other equipment can be used as external immobilization equipment..

USING THE SYSTEM

INNER IMMOBILIZER

With the inner immobilizer will ON each time the ignition is turned OFF and the engine immobilization delay time (default time is set at 20 seconds) is elapsed. The Omega IMMO indicates the engine immobilization by a long system's LED flashes. Engine immobilization should be cancelled by ID card. Then the system's LED will go OFF.

THE ID CARD

The ID card and the system unit maintains two-way radio communication on the 2.4 GHz frequency band. It is recommended to replace ID card's battery every 10 to 12 months. All CR2032 type 3V batteries are suitable. The driver has been identified when person having preprogrammed turned ON ID card comes inside communication area. Hereby engine immobilization turning OFF has been invisible for strangers.

The ID card is not intended for use as a key fob. It must be placed separately from car keys!

It is necessary to keep ID card away from rain and snow!

HOW MANY ID CARDS CAN CONTROL THE SYSTEM?

It is available to learn up to 5 ID cards. For learning details see Installation manual. The user can easily check how many ID cards can control the system. Turn OFF the ignition. Press the ID card button and observe the system LED. The number of LED flash packets shows the number of learned ID cards. The number of flashes in the packet corresponds to communication channel number (from 1 to 5).



THE ID CARD STATUS

Press the ID card button shortly. The LED makes a flash. A colour shows ID card status:

- green** – the ID card is turned ON;
- orange** (red+green) – the ID card is turned OFF;

TURNING ON/OFF of ID CARD

Press the ID card button for a long time:

- a) the first short flash – information flash as by pressing the ID card button shortly;
- b) the second long two-color flash – the first part of the flash indicates the ID card state, the second part of the flash – the change of the ID card state to opposite (green color – the ID card is turned ON, orange color – the ID card is turned OFF. If the ID card button is released till the flash second part end the ID card state will remain the same. If the ID card button is released after the flash second part end the ID card state will change to opposite;

NOTE: Turning ON the ID card is possible only in the car!!!

THE SERVICE MODE.

System service mode is used for cases such as the loss of the remote control unit, the remote's battery becoming completely discharged or in the case of the car being repaired. With this mode ON, the system does not immobilize the engine (N.B. the system's LED flashes frequently). The service mode can be turned ON in two ways with the PIN code.

TURNING ON THE SERVICE MODE WITH THE HELP OF THE SERVICE BUTTON

The most convenient way to turn ON the override mode is to enter the PIN code with the service button. If the service button is installed, check your notes with the alarm system's PIN on, press the service button as many times as the value of the first digit of the PIN (the time between the presses should not exceed 1 second) and wait for a 1 second lasting LED flash, which will mean that the first digit is entered successfully. In the same way enter the second, third and fourth digits of the PIN. After correctly entering all four digits of the PIN code, the LED flashes quickly (permanently or intermittently)

To the next presses of the service button the system will respond as if the PIN code is being entered.

TURNING ON THE SERVICE MODE WITH THE IGNITION KEY

If the service button is not installed, turn the ignition ON two times. Shortly after the system LED starts flashing double flashes, count until the number of double flashes (1 double flash = 1 unit) corresponds with the first digit of the PIN code. Turn the ignition OFF for a short time and turn it ON again. Count the double flashes until the number corresponds with the second digit of the PIN code. Turn the ignition key OFF and ON again. Enter the remaining two digits of the PIN code in the same way. After correctly entering all four digits of the PIN code, the LED flashes quickly (permanently or intermittently).

If you make a mistake while entering the PIN code, turn OFF the ignition, and follow all over again.

TURNING OFF (EXIT) THE SERVICE MODE

Enter the PIN code and enter the code '11' within 8 minutes of the previous step. Or simply press the button on the correct ID card.

Notes

- 1. IF the ID card battery is low the system generates a series of 5 double buzzer signals with ignition is turned ON.**
- 2. If the ID card is placed outside the communication area it is impossible to change the feature status, it is available to turn OFF the ID card, however it is not available to turn it ON.**



WARRANTY

TYPE OF UNIT OMEGA IMMO	 Factory no
SELLER, FITTER, GUARANTOR stamp, legible signature	 date of assembly
Car owner Name address	
CAR make model VIN registration number	

ATTENTION: ANY CHANGES, WITHDRAWAL OR DAMAGE TO THIS WARRANTY BOOK CART MAY CAUSE LOSS OF GUARANTEE

Review date	Description of the activities performed, stamp, signature
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