

USER MANUAL of ALARM SYSTEM

Omega CAN

OMEGA CAN is an advanced vehicle alarm system designed for cars with the original remote control central lock and the CAN-BUS. OMEGA CAN provides a reliable engine immobilization for the prevention of the vehicle's theft. It also features a 4-digit PIN code that overrides the alarm system in the case of an emergency.



The set

- a) system unit with wire harness;
- b) ID card (optional);
- c) user manual;
- e) siren (optional);

SYSTEM UNIT

The system unit performs the essential guarding functions thus it is extremely important to hide it well in the vehicle. The manufacturer supplies the alarm system with 4-digit PIN code, which is written on the alarm system information sticker. It is recommended to write down the new PIN code, however, do not keep this information inside the vehicle. In addition do not use your birthday date or home address numbers for the PIN for security.

USING THE ALARM SYSTEM

REGULAR ARMING

For arming the system, press the remote control LOCK button shortly. The vehicle direction indicators flash. The system LED will go ON, making constant short flashes. When the system is armed, opening the vehicle's door, bonnet or luggage compartment, vehicle's body tilt/impact to the vehicle's body or a movement inside the vehicle will trigger the alarm system

SENSOR BYPASS WITH THE HELP OF THE OVERRIDE BUTTON

With the ignition turned OFF press the override button. Watch the system's LED, its flash will mean that the press has been confirmed. Get out the car, close the doors and lock the Central Lock with the remote's LOCK button within 20 seconds. The siren will make a long (0.5 second) confirmation sound (if this feature is set by installer) to inform you that the system is armed with a bypassed ultrasonic and/or tilt/shock sensor(s) and the movement inside the car and/or car's body tilt/impact to car's body will not trigger the alarm.

SENSOR BYPASS WITH THE HELP OF THE IGNITION KEY

Turn the ignition ON and OFF three times. Watch the system LED, its flash will mean that the third ON/OFF procedure is confirmed. Get out the car, close the doors and lock the Central Lock with the remote's LOCK button within 20 seconds. The siren will make a long (0.5 second) confirmation sound (if this feature is set by installer) to inform you that the system is armed with a bypassed ultrasonic and/or tilt/shock sensor(s) and that movement inside the car and/or car's body tilt/impact to car's body will not trigger the alarm.

ALARM INTERRUPTION

The system will trigger the alarm if the vehicle's doors, bonnet or luggage compartment are opened, the ignition is turned ON or the ultrasonic sensor is triggered. To interrupt the alarming of the system disarm and re-arm it.

DISARMING THE SYSTEM

Press the remote control UNLOCK button once shortly. The vehicle direction indicators will flash. The system's LED will turn OFF

THE OVERRIDE MODE.

Alarm system override 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 alarm system does not respond to the sensor(s), does not immobilize the engine and does not alarm (N.B. the system's LED flashes frequently). The override mode can be turned ON in two ways with the PIN code.

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

The most convenient way to turn ON the override mode is to enter the PIN code with the override button. If the override button is installed, check your notes with the alarm system's PIN on, press the override 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.

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

TURNING ON THE OVERRIDE MODE WITH THE IGNITION KEY

If the override button is not installed, open the vehicle's door and turn the ignition ON. 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. Upon correct entry of all four digits of the PIN code the LED emits frequent flashes.

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

TURNING OFF (EXIT) THE OVERRIDE MODE

Enter the PIN code and enter the code '11' within 8 minutes of the previous step.

EXTRA FEATURES

The extra features allows you to have an increased level of security for the car and the driver if it is required. The installer will comment which extra feature is turned ON.

AUTOMATIC REARMING

The alarm system is automatically armed, if the vehicle door, bonnet or luggage compartment is not opened and the ignition is not turned ON within 45 seconds after the system is disarmed. However, it will not lock the doors of the vehicle. It is possible to turn OFF the auto-rearming feature during the installation of the alarm system.

ARM DELAY TIME

After the LOCK button is pressed, the system will wait the pre-set time limit (default setting is 5 seconds, installer is able to set it up to 45 seconds) to avoid false alarms due windows or sunroof closing.

If the door, luggage compartment or bonnet are not closed the alarm system siren will make three short beeps after the pre-set time has elapsed. The system will be armed anyway, but the open entry (for example door) will not be protected until it is closed. The system will confirm the closing of a door or compartment by a short siren beep and a single flash of direction indicators

INNER IMMOBILIZER (option)

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

CHANGING THE PIN CODE

The user has a possibility to change the PIN code. In order to do that, do the following steps:

a) enter the current PIN code, the system's LED will emit single flashes frequently;

b) in the same way as the PIN was entered before, enter the code '88'. The entry will be confirmed by a short flash of direction indicators;

c) within 8 minutes of the previous step enter the new PIN twice, one after another. In a case the same code was entered twice, the system will record this as the new PIN code and confirm it by a short siren sound;

d) if a mistake is made while entering the PIN code, the system will inform you by a short flash of the direction indicators. Wait for the frequent flashes of the system's LED and follow the steps from 5.4 c all over again.

ID CARD. (option)

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 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!

INFORMATION ABOUT ID CARD

Press the ID card button with ignition turned OFF. The system LED will inform the number of preprogrammed ID cards and the communication channel number. The number of flash packets with 5 second interval corresponds to number of preprogrammed ID cards, the number of flashes inside packet corresponds to communication channel number.



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;

Notes

1. **IF the ID card battery is low the system generates a series of 4 double buzzer signals with ignition is turned OFF.**
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 ON the ID card..**

WARRANTY

TYPE OF UNIT OMEGA CAN	
	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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NOTE

EXPERO

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