# INSTALLATION Disconnect the battery

## TECHNICAL FEATURES

Power supply	12 V
Operational temperatures	12 V 40 to +85 °C
	< 12mA / 12V
Max. consumption	600 mA / 12V
Max.amperage of built in relay	3A / 24V
GSM frequency	GSM / GPRS 900/1800/1900MHz
	137x62x32 mm
Conforms to	EHK 97.01, STN 30 4002, EMC
Homologization number :	E27 97RA-01 1039 00

\*in rest - that means that the vehicle stands without moving for more than 3 minutes ( GPS is not active )

# POWER SUPPLY

Positive terminal: Extension from fuse case

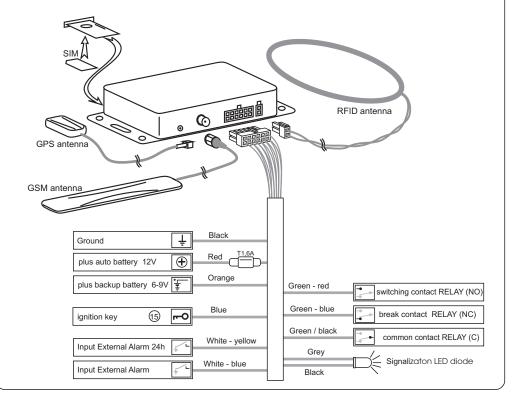
Negative terminal: Ground point to be attached to original screw

# CONTROL "+15"

Device control to be attached to conductor from ignition box

# **CONNECTION SCHEME**

- Pull out the SIM card holder by pushing the yellow button placed next to the SIM card holder
- before you insert SIM card to device, make sere, that SIM card's PIN code protection is turned off
- insert SIM card to device (only SIM card dedicated to this device with a different one device will not work)
- connect conductors according to following picture



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#### DEVICE PLACEMENT IN VEHICLE

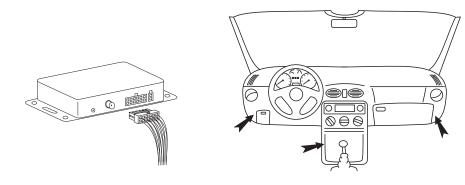
- place the device under the cockpit board or under middle column, released itself use tightening tapes as well as bilateral tapes / included in packaging /,
- do not place device very close to upper part of cockpit board, extremely high temperatures could be reached there
- device must be placed to fixed part of vehicle and cabling must be completely taped over
- do not place device to places, where it could be exposed to pressure

#### WARNING:

Tools, service manual a technical expertise is required for installation.

Before you stick on alarm parts always clean certain point by cleaner and let it dry for 10 minutes.

Do not touch that place anymore.



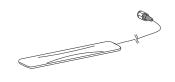
#### **GSM ANTENNA PLACEMENT**

- Clean the point where to stick antenna
- -do not stick on the GSM antenna on metallic part
- -do not place it close to cabled distribution, loud-speakers nether to the area of RFID antenna
- connect the antenna to relevant connector

#### WARNING:

Fix the cable harness of alarm with  $\,$  tightening tapes in the way, that it could not be damaged, and it would not cause any interference noise while driving .

-antenna should not be seen from outside and should not be easy accessible

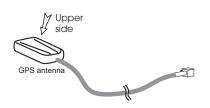


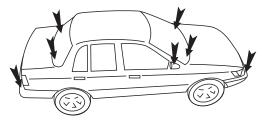


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#### GPS ANTENNA PLACEMENT

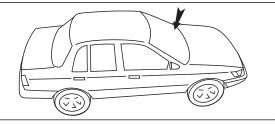
- place the GPS antenna the way that it can reach the best signal ( towards the sky )
- antenna can not by shadowed by metallic parts of vehicle
- plastic parts of car body do not make antenna signal worse
- window with anti-freeze device or electroplated glass can make antenna signal worse -connect it to relevant connector





# LED PILOT LAMP PLACEMENT

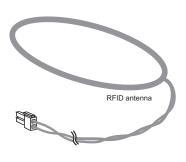
- place the LED pilot lamp to relevant point on windscreen, or to panel
- put the cable through, under the fascia-board

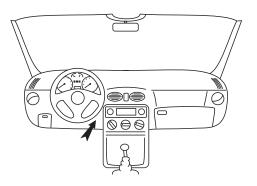


## **RFID ANTENNA PLACEMENT**

Stick on the RFID antenna under the fascia-board next to the ignition cables

- it can not be placed close to metallic parts
- do not place it around the ignition key point
- RFID antenna must be placed at least 40 cm from GSM antenna
- connect it to relevant connector, its range is at least 8 cm





#### WARNING

Above mentioned information are informative only, and that is why it is necessary to control signals before connection of wires. The manufacturer is allowed to modify this information anytime. Company ZADAKO is not responsible for any damages caused to the vehicle in case of wrong installation.



# Car alarm Z1

# INSTALLATION MANUAL

version 1.1

# Warning:



Car alarm Z1 is dedicated to proffesional installation in authorized service only. While work follow the safety regulation for work with electric appliences. Follow this manual at installation. Service man is not allowed to destroy safety stickers and to take apart device or its parts, neither he is allowed to make any modifications of device or its parts.

Manufacturer is not responsible for any damages caused to the vehicle in case of wrong installation or relevant accessories.

Car alarm is dedicated for installation into vehicle interior, under dash-board, into cargo or luggage space of vehicle. Attention it is necessary to install the car alarm on save and dry place. No liquids neither water can get into the device. Car alarm is suitable for vehicles with a dashboard voltage supply of 12V and with negative ground connection.

For correct use of service abroad it is necessary to have the roaming, or any other suitable program activated on the SIM card installed in device. Telephone numbers must be saved with international preset +421 (for example: +421911223344).



After the life time of device, we recommend to give the device to electric waste