

A complex geometric wireframe pattern of thin grey lines forming various polygons, centered on a white background.

COMFORT

OPERATING MANUAL

version 706.1

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General information

COMFORT module is designed to make car even more comfortable for driver with the following options*:

- closing of windows;
- side mirrors folding;
- central lock opening/closing.

Module benefits

COMFORT main benefits:

- Automatic management of the central lock, windows and mirrors
- Communication via CAN-bus
- Easy installation
- Tiny size

Operation description

COMFORT module automatically closes the car windows and the sunroof and folds the mirrors.

Option for mirror folding and closing of the sunroof depends on car model.

* Find the list of the available options for every car model on our website <http://author-alarm.com>

Ventilation mode

Ventilation mode means opening of windows after the button for security deactivation (unlock) on the car key is pressed three times. **By default this option is off.**

In this mode the windows go down for 10 cm. When the security is activated the windows will stay in the same position (even if the forced windows closing option is on).

Central lock opening and closing in a particular case

For some car models for security purposes the driver is protected by central lock closing option when the speed exceeds 10 km/h. For the cars with ignition via manual car key the central lock opens when the key is pulled away from the ignition slot. If car has «START-STOP» button the central lock opens when the ignition is off. **By default the central lock opening option is off.**

Settings change

The state of options installed in the system by default («switched on», «switched off») is marked with grey colour in the table.

In order to change the option state do the following:

Option	switched on	switched off
Service mode	5	4
Central lock opening on particular event*	6	7
Central lock closing at speed > 10 km/h	8	9
Ventilation	10	11
Comfort	12	13
Side mirrors folding	14	15
Additional option	20	21
Software change mode	22	-

1. Switch on the ignition without starting the engine.
2. Press the accelerator pedal as far as it can go and keep it pressed.
3. Press the service button the number of times needed to reach the particular state – «switched on» or «switched off» (see the figures in the corresponding column in the table). For example, press 14 times to switch on the Side mirrors folding mode or 15 times to switch it off. The indication signals will confirm the action. The option state will be changed.
4. Release the accelerator pedal.

Module software change

Before installing the COMFORT module on cars that are not Toyota/Lexus brand it is necessary to change the factory preinstalled software.

To enter the software change mode use one of the following methods:

- Connect Grey wire to the Red one and supply power «+» to it.
- Switch on the 22-nd option - Software change mode (see page 6).

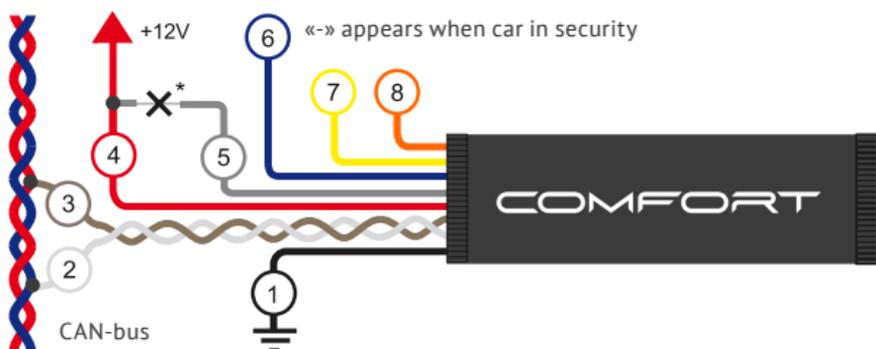
Communication between the module and the computer is carried out by Bluetooth. Exiting the Software change mode occurs automatically when the power supply is turned off or when the ignition is switched off.

Service Mode

This service mode is intended for temporary disconnection of comfort functions when the car is under maintenance service.

To enter the service mode – select 5-th menu option.
To exit from the service mode – select the 4-th menu option (see page 6).

Wiring map



To connect COMFORT module, connect its wires in the following way:

- 1. Black.** Power supply «-» (4 pin of OBD-II).
- 2. White.** CAN-L.
- 3. Brown.** CAN-H.
- 4. Red.** Power supply «+» (16 pin of OBD-II).
- 5. Grey.** To power supply «+» for software change.
- 6. Blue.** Output «-» appears for 10 seconds when car security is activated. It is used for connection of an additional relay for cars with analogue scheme of mirror folding.
- 7. Yellow.** Not used.
- 8. Orange.** Not used.

Specifications

Current consumption in standby mode 3 mA

Contents of the set

COMFORT module	1 pcs.
Operating manual	1 pcs.
Packing	1 pcs.



Made in Russia

Manufacturer: LLC «DMA Group»

C-RU.MT49.B.01595

The developer and the manufacturer retain the right to make technical updates not specified in this operating manual. To learn more visit our web-site:

<http://author-alarm.com>



WARRANTY CERTIFICATE

Warranty is 12 months from the date of the purchase. During this period technical support and maintenance are guaranteed for free.

The warranty does not apply to the items with:

- mechanical damage, burnt and char pieces, components, conductive tracks etc.;
- traces of an independent repair;
- damage caused by natural hazards, fire, social factors;
- violation of the tamper-evident seal, damage or absence of a factory/trade label.

Only items in complete set and with the original packing are taken for warranty repair.

Absence of packing is regarded as noncompliance with transportation rules. The warranty does not apply to the damage incurred to another equipment operating together with this device.

Item (model) _____

Sale date ____/____/____

The contents of delivery ____, functioning ____, absence of mechanic damage ____, are checked.

I am acquainted and agree with the condition of warranty service:

Buyer _____

Seller _____ seal



Supported Cars List App.

