

A complex geometric wireframe pattern of thin grey lines forming various polygons, centered around a white rectangular box with a grey border.

IGLON

INSTALLATION MANUAL



AUTHOR
ALARM

Dear car owner!

Please note that the AUTHOR Alarm's anti-theft devices are not intended for self-installation.

We strongly recommend to install and configure the purchased equipment only in certified installation centers.

TABLE OF CONTENTS

IGLA system installation	4
Additional locking	5
Connection of additional locking	5
Joint work with additional modules	8
Connection of AUTOSTART module	8
Connection of ATLAS module	9
Connection of TOR relay	11
Connection of CONTOUR module	12
Connection of KORD module	13

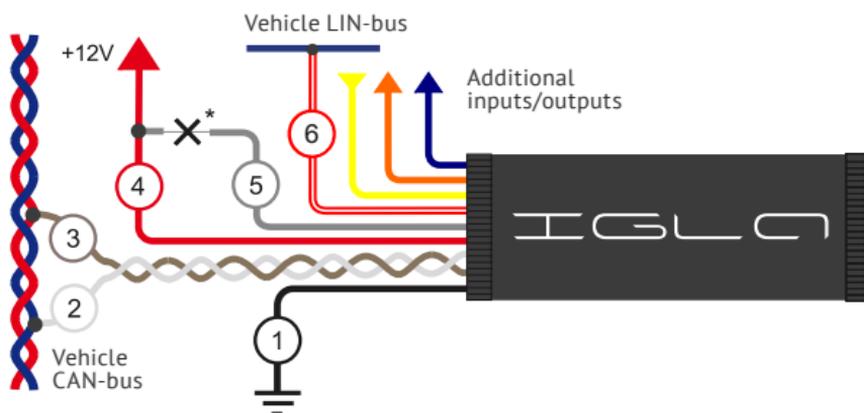
IGLA system installation

The anti-theft system IGLA shall be connected to vehicle only when ignition is OFF. Only qualified personnel are allowed to install the device. IGLA system should be installed to the place that cannot be reached by the criminals.

For some vehicles to insure more safety an additional locking is recommended (see below).

To connect IGLA system, connect its wires in the following way:

1. **Black.** Ground/Earth.
2. **White.** CAN-Low.
3. **Brown.** CAN-High.
4. **Red.** Permanent «+» 12V.
5. **Grey.** Connect to «+» 12V while learning.*
6. **Red/White.** LIN-bus.



* The GREY wire (5) shall be connected to «+» 12V for initial setting of PIN-code. When the PIN-code is saved the GREY wire shall be disconnected from «+».

After the installation of anti-theft device IGLA start the ignition. The car will be automatically recognized and the indication signal* will be flashing every 3 seconds.

Additional locking

To ensure the highest level of theft protection, IGLA system provides an additional locking circuit. It is used in cases when the connection with the engine control unit via CAN bus is disrupted or hindered. Locking allows to activate the Running engine stall option and Anti Hi-Jack options for cars without digital locking of the running engine.

If CONTOUR hood lock control module or TOR relay is used for the additional protection, it is not necessary to connect analogue relay to IGLA system.

Connection of additional locking

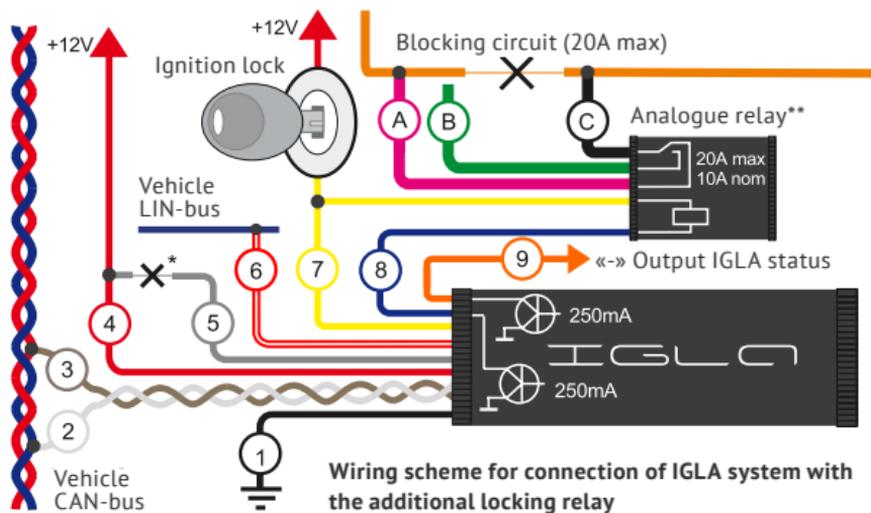
For locking of an additional circuit the normally-closed scheme is used. It is used in the event of emergency (when the digital locking is not available) so it can be used for any circuit break that blocks the engine even if it leads to temporary errors (for instance, in the bent shaft or injector power supply sensor). The locking is implemented by sending the negative potential to the BLUE wire while the ignition is ON or the engine is running (can be tracked on the analogue input "Ignition", YELLOW wire).

* See the annex.

1. **Black.** Ground/Earth.
 2. **White.** CAN-Low.
 3. **Brown.** CAN-High.
 4. **Red.** Permanent «+» 12V.
 5. **Grey.** Connect to «+» 12V while learning.*
 6. **Red/White.** LIN-bus.
 7. **Yellow.** Ignition.
 8. **Blue.** Negative «-» output to locking relay (250mA max).**
 9. **Orange.** IGLA system state output «-» (250mA max).
When the authorization is successfully completed the minus potential remains while the engine is working. The output is needed for joint use with other devices or for normally-opened circuit.
- A. Purple.** Normally closed contact.
- B. Green.** Normally opened contact.
- C. Black.** General.

* The GREY wire (5) shall be connected to «+» 12V for initial setting of PIN-code. When the PIN-code is saved the GREY wire shall be disconnected from «+».

** Additional analogue relay not included in the set.



Joint work with additional modules

ATTENTION! While the procedure of connection of two and more additional modules to IGLA system you should switch to the PIN-code change mode **only** via entering the current PIN-code once again. If you use GREY wire to enter PIN-code change mode all previously connected devices will be disconnected.

Connection of AUTOSTART module

1. Connect both devices according to the wiring scheme specified in the manuals (GREY wire of AUTOSTART module shall not be connected!).
2. Switch ON the ignition.
3. Switch IGLA system to PIN-code change mode by one of the following ways:
 - connect the GREY wire from IGLA system to power supply +12V;
 - if the device is already connected, after the authorization is successful enter the current PIN-code once again while pressing the accelerator pedal as far as it can go.

ATTENTION! If the current PIN-code includes «Slight press on accelerator pedal», it is necessary to enter the PIN-code once again after the authorization and then press the accelerator pedal as far as it can go.

4. Connect AUTOSTART GREY wire with the RED one and apply power supply +12V.
5. The system will be in the connecting mode.

The successful connection will be confirmed:

- with AUTOSTART module indication signal;
 - with double indication signal of IGLA.
6. Switch OFF the ignition and disconnect the GREY and RED wires from power supply +12V to restart the module.
 7. Connect only RED wire to the power supply +12V (do not connect GREY wire!).

Connection of ATLAS module

1. Connect both devices according to the wiring scheme specified in the manuals.
2. Install AUTHOR CONNECT app for iOS (version 10.0 or higher) or for Android (version 4.1 or higher) by following the link:

<https://itunes.apple.com/ru/app/author-connect/id1394124230>

<https://play.google.com/store/apps/details?id=com.dma.author.connect>



3. Launch the application, click on «Make new account» and register in the system using the mobile phone number of your smartphone that you will connect to ATLAS server.

4. To connect the ATLAS module you need the plastic card included in the set, with the device serial number and **open code on it**.

ATTENTION! Do not scratch the plastic card protective layer! The secret codes under the protective layer are intended for the car owner registration. For the first time ATLAS module connection use **only open code**. The open code can be used only once and must be used only for the module connection and initial settings.

5. Supply +12V power to the devices.
6. Switch IGLA system to PIN-code change mode by one of the following ways:
 - connect the GREY wire from IGLA system to power supply +12V;
 - if the device is already connected, after the authorization is successful enter the current PIN-code once again while pressing the accelerator pedal as far as it can go.

ATTENTION! If the current PIN-code includes «Slight press on accelerator pedal», it is necessary to enter the PIN-code once again after the authorization and then press the accelerator pedal as far as it can go.

7. Do not switch off the ignition, open the tab «CONTROL» and press Settings button «Gear-wheel». In the appeared window press button «CONNECT» next to IGLA system. The modules will be connected.

Connection of TOR relay

1. Connect both devices according to the wiring scheme specified in the manuals.

ATTENTION! While connecting TOR relay to IGLA system **do not connect** Orange wire (status output), Yellow wire (ignition), Violet, Green, White-Black or Brown wires (analogue locking).

2. Switch IGLA system to PIN-code change mode by one of the following ways:
 - connect the GREY wire from IGLA system to power supply +12V;
 - if the device is already connected, after the authorization is successful enter the current PIN-code once again while pressing the accelerator pedal as far as it can go.

ATTENTION! If the current PIN-code includes «Slight press on accelerator pedal», it is necessary to enter the PIN-code once again after the authorization and then press the accelerator pedal as far as it can go.

ATTENTION! If you need to connect two and more TOR relays to IGLA system you should switch to the PIN-code change mode **only** via entering the current PIN-code once again while pressing the accelerator pedal as far as it can go*. If you use GREY wire to enter PIN-code change mode all previously connected devices will be disconnected.

* For some car model other controls are used instead of accelerator pedal (see the annex).

ATTENTION! When you connect the second and all successive TOR relays to IGLA system you should disconnect all previously connected devices from CAN-bus and power supply.

3. Connect GREY wire with the RED wire of TOR relay and **simultaneously** apply power supply +12V to the wires. The IGLA system indication will flash 2 times and then the indication will stop*.
4. In 3-5 sec. after the indication will stop Switch OFF the ignition and disconnect the GREY and RED wires from power supply +12V to restart the device.
5. Connect only RED wire to the power supply +12V (do not connect GREY wire!).

Connection of CONTOUR hood locks control module

1. Connect both devices according to the wiring scheme specified in the manuals.
2. Switch IGLA system to PIN-code change mode by one of the following ways:
 - connect the GREY wire from IGLA system to power supply +12V;
 - if the device is already connected, after the authorization is successful enter the current PIN-code once again while pressing the accelerator pedal as far as it can go**.

* Depending on the type of the firmware used in the device the indication signal can continue flashing until the ignition will be switched off.

** For some car model other controls are used instead of accelerator pedal (see the annex).

ATTENTION! If you need to connect two and more CONTOUR modules to IGLA system you should switch to the PIN-code change mode only via entering the current PIN-code once again while pressing the accelerator pedal as far as it can go*. If you use GREY wire to enter PIN-code change mode all previously connected devices will be disconnected!

ATTENTION! When you connect the second and all successive devices to IGLA system you should disconnect all previously connected devices from CAN-bus and power supply.

3. Connect GREY wire with the RED wire of CONTOUR module and **simultaneously** apply power supply +12V to the wires. In 5 sec. the hood lock will be closed and opened again.
4. Switch OFF the ignition and disconnect the GREY and RED wires from power supply +12V to restart the device.
5. Connect only RED wire to the power supply +12V (do not connect GREY wire!).

Connection of KORD hood locks control module

1. Connect both devices according to the wiring scheme specified in the manuals.
2. Switch IGLA system to PIN-code change mode by one of the following ways:
 - connect the GREY wire from IGLA system to power supply +12V;

* For some car model other controls are used instead of accelerator pedal (see the annex).

- if the device is already connected, after the authorization is successful enter the current PIN-code once again while pressing the accelerator pedal as far as it can go.*

ATTENTION! If you need to connect two and more KORD modules to IGLA system you should switch to the PIN-code change mode **only** via entering the current PIN-code once again while pressing the accelerator pedal as far as it can go*. If you use GREY wire to enter PIN-code change mode all previously connected devices will be disconnected.

ATTENTION! When you connect the second and all successive devices to IGLA system you should disconnect all previously connected devices from CAN-bus and power supply.

3. Then connect the hood lock control module according to the connection scheme.
4. Connect GREY wire with the RED wire of KORD module and **simultaneously** apply power supply +12V to the wires. In 5 sec. the hood lock will be closed and opened again.
5. Switch OFF the ignition and disconnect the GREY and RED wires from power supply +12V to restart the device.
6. Connect only RED wire to the power supply +12V (do not connect GREY wire!).

* For some car model other controls are used instead of accelerator pedal (see the annex).



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