IGLA PRO

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.

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Installation of a device

The anti-theft system IGLA PRO must be connected when the ignition is OFF. Only qualified personnel are allowed to install the device. Install IGLA PRO system to the place that cannot be reached by the criminals.

To install the system connect its wires in the following way:

1. Black. Ground/Earth.

2. White-red. LIN-bus-1.

3. Orange-black. LIN-bus-2.

4. White. CAN1-L.

5. Brown. CAN1-H.

6. Green. CAN2-L (except for Toyota/Lexus).

7. Pink. CAN2-H (except for Toyota/Lexus).

8. Red. Permanent «+» 12V.

9. Grey. Connect to «+» 12V while learning.*

10. Yellow. Ignition.**

11. Blue. Negative «-» output to locking relay (250mA max).

12. Orange. IGLA PRO 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.

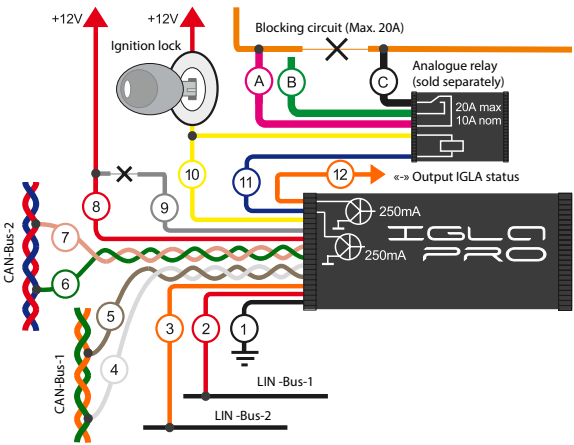
* The grey wire (9) shall be connected to «+» for initial setting of a PIN-code. When the PIN-code is saved the grey wire shall be disconnected from «+».

** For Toyota/Lexus it is used only when the analogue relay is connected.

A. Purple. Normally closed contact.

B. Green. Normally opened contact

C. Black. Common contact.



Connection to LIN-1 and LIN-2 makes it possible to use the digital LIN-bus for **disabling the start of engine**. In this case it is not necessary to connect analogue relay for blocking. Use the analogue relay (sold separately) to enable the function **stall of the running engine**, see p.6 (or to enable the function engine start inhibit if there is no LIN-bus).

After installation of the anti-theft system IGLA PRO switch the ignition ON. The car will be automatically recognized and the indication signal* will be given every 3 seconds.

* See the annex.

Additional safety circuit

To ensure the highest level of theft protection, IGLA 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.

Analogue relay is sold separately. If CONTOUR hood lock control module is used for the additional protection, it is not necessary to connect the relay to IGLA PRO.

Connection of additional circuit

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 of fuel supply sensor circuit). 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).

Supported Cars List App.

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