OBD BLOCK

OPERATING MANUAL

AUTHOR ALARM

version 709.1

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Overview

One of the ways to hijack a car is to make an unauthorized access to a diagnostic outlet and hack standard sofware aimed to bypass the anti-theft system.

OBD BLOCK system is designed to prevent the diagnostic outlet from the unauthorized access.

System benefts

OBD BLOCK key benefits:

- Personal digital key
- Secret set up
- Interrupton of 2 wiring circuits of the diagnostic line

Operation description

OBD BLOCK is comprised of a key (hereafer “adapter”) and a two channel digital relay.

When the adapter is connected to the standard OBD-II outlet, the system checks compliance of a digital key and a digital relay. When the correct key is detected, the relay closes and the OBD-II outlet connection link recovers.

Installation

To connect a digital relay, connect its wires the following way:

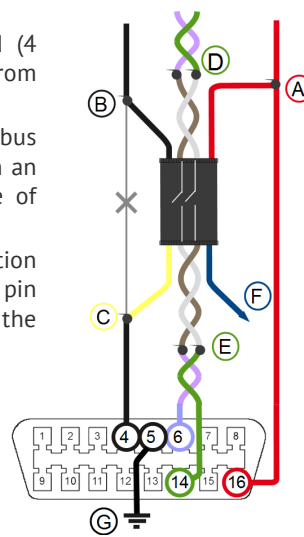
A. Red. To DC+ (16 pin).

B. Black. To earth/ground (4 pin with an interruption from the harness side).

C. Yellow/orange. Digital bus to 4 pin OBD-II (4 pin with an interruption from the side of the OBD-II outlet).

D. White, brown. Interruption of the CAN bus (6, 14 pin with an interruption from the harness side).

E. White, brown. Interruption of the CAN bus (6, 14 pin with an interruption from the side of the OBD-II outlet).



F. Blue. DC- output to HP locking (0,25A max).

G. It is **required** to check the connecton to earth/ground on this outlet (5 pin). If earth/ground is not connected, do it individually.

Check

Afer connecting the digital relay, check the interruption of a diagnostic line with diagnostc equipment.

Enter the adapter to the OBD-II diagnostic outlet of the car and check whether the diagnostic line has recovered.

Specifcations

Digital relay consumption in rest mode
(without an adapter in OBD-II) ..... 3 mA
Digital relay consumption in operating mode
(with an adapter in OBD-II) ..... 21 mA
Maximum current in a blocked chain (D-E)
to each channel ..... 1 A
Maximum current of the output to locking ..... 0,25 A

What is included?

OBD BLOCK adapter	1 pcs
Digital relay	1 pcs
Operatng manual	1 pcs
Packing	1 pcs

EAC Made in Russia
Manufacturer: AUTHOR Ltd.
C-RU.АЛ14.В.10097

The developer and the manufacturer retain the right to make technical updates not specified in this operatng manual. To learn more visit our webisite:

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.

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