FEATURES

IN SIMILAR DEVICES

• Turning off/on standard Toyota/Lexus car alarm
• Opening the central lock

IN THE UST v1.0 DEVICE - SUPER NEW OPTIONS, NEW !!!

• Opening/CLOSING all doors (the central locking)
• Emergency AUTOSTART of the engine (immediately after opening the central lock) without any additional connections
• BLOCKING other non-standard systems connected to CAN-bus interface
• Vehicles without a Gateway module can be connected via OBD connector for opening and starting
• Turning off/on standard Toyota/Lexus car alarm
• After using UST v1.0 all working keys remain functional (NO NEED TO RESTORE !!!) and all systems operates in standard way! NO NEED to carry out diagnostics, programming or registering (binding) procedures!

Attention!!! UST v1.0 is not intended for permanent use, only for a temporary solution in an emergency!
**SUPPORTED MODELS**

*Toyota / Lexus: All models of MY2015- MY2021*

**SUPPORTED KEY TYPES** - AA, A8, A9, 39

- For **88 key type**, the device has only the function of **opening/closing** the central lock.

- After using UST v1.0 **all working keys remain functional** ( **NO NEED TO RESTORE !!!** ) and all systems operate in standard way! **NO NEED to carry out** diagnostics, programming or registering ( binding ) procedures!

**CONNECTION**

Depending on the car equipment, UST v1.0 operates via the CAN-bus interface of the following units:

- Main Body ECU
- Smart ECU ( Certification ECU )
- Headlight ECU Sub Assembly
- Skid control ECU ( ABS ), Millimeter Wave Radar Sensor Assembly, etc.

- **Connection via OBD connector** is possible if the vehicle **doesn't have a Gateway module**.

Connection points of the device are shown in **Table # 1**.

**THE KIT**

- UST v1.0 device
- The cable with the needles
- OBD cable
- The cable with Smart ECU adapters (A8, A9 and 39 key types).

**OPERATION SEQUENCE** ( Step-by-step instruction )

1. Connect the cable to CAN-bus, in accordance with the car model and the selected connection option ( **Table #1** ).
2. To turn on the device, press and hold the RED button until the LED lights up. The LED flashes green once and then starts blinking red.

3. Connect the USB cable to USB port of the device. The LED will blink green and then glow green permanently. The standard car alarm system will be deactivated automatically.

4. To deactivate the central locking, briefly press the RED button on the device. After that, the doors and steering column will be unlocked.

5. To activate central locking, press the BLACK button on the device.

6. After disabling the central lock and standard car alarm, disconnect the USB cable from the device.

7. To start the engine, you need to wait until backlight of the dashboard and information LEDs go out. Then push the brake pedal and press the START button. The engine will be started.

8. To activate central lock after starting the engine, you must re-switch on UST v1.0, connect the USB cable and press the Black button on the device.

**Attention!!!**

- The device allows turn on the ignition and start the engine only once. To start again, you need to repeat the procedure of connecting and turning on the device (Nos. 1-7).
- Connection via OBD connector is possible if the vehicle doesn't have a Gateway module.
- After using UST v1.0, all working keys remain functional and all systems operates in standard way. No need to carry out diagnostics, programming or registering (binding) procedures!

**CHARGING AND ADDITIONAL FEATURES**

- **Attention!!!** To use UST v1.0, the device's batteries must be charged!
  
  The device is charged via micro-USB connector located on UST back panel. You can use charge power adapter from your phone/tablet.

- UST v1.0 device can also be used as an external battery (Power Bank) for mobile devices. The "Power Bank" mode is activated by ON/OFF button located on the back of the device.

* The device uses rechargeable batteries 18650 type!

* Charger adapter, micro USB cable and USB cable for mobile devices are NOT INCLUDED in the kit !!!
TABLE #1

A1) Connection points for NX, GX

- CAN - HIGH
- CAN - LOW

Smart Ecu
Body Ecu
Headlight

NX, GX
A2) Connection points for IS, LC, LX, Prado

- CAN - HIGH
- CAN - LOW

A3) Connection points for Highlander (until 2020)

- CAN - HIGH
- CAN - LOW
B1) Connection points for UX, Camry

- CAN - HIGN
- CAN - LOW

UX, CAMMRY

B2) Connection points for LS, Corolla

- CAN - HIGN
- CAN - LOW

LS, Corolla
B3) Connection points for RAV4

CAN - HIGN
CAN - LOW

B4) Connection points for Highlander (after 2020)

CAN - HIGN
CAN - LOW

Highlander (after 2020)
C1) Connection points for RX

TO PURCHASE THE EQUIPMENT, AS WELL AS CONSULTING, MAINTENANCE, PLEASE CONTACT US:

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