

RF KeyProg 3.0



1. Keys: D4, 94, 98 (LC200, LX570, LC150, RX, etc.)

- 1) Connect the diagnostic device to the OBD port.
- 2) Turn on the power switch located on the side. The LED will flash alternately red and green.
- 3) Shortly press any button of the device.
- 4) LED blinking orange means the connection process.
- 5) Wait until the LED will blink red briefly and then turns steady green.
- 6) **The teaching process of the device is completed. ***
- 7) Press the brake pedal.
- 8) Bring the device to the "Start/Stop" button.
- 9) When the device communicates to "Start/Stop" button the LED blinks orange.
- 10) Find the position of stable connection and hold the device near the "Start/Stop" button.
- 11) The process of programming starts. LED will blink informing about the process.
- 12) When the programming is completed the "Start/Stop" button lights up orange / green or a beep sounds.
- 13) Press "Start/Stop" button to start the engine.

*** If the teaching process is not completed the LED stays red.**

2. Keys: 88 (RAV4 2013 and later, Camry 2012 and later, ES 2012 and later, IS, GS, etc.)

- 1) Connect the diagnostic device to the OBD port.
- 2) Turn on the power switch located on the side. The LED will flash alternately red and green.
- 3) Shortly press any button of the device.
- 4) LED blinking orange means the connection process.
- 5) Wait until the LED will blink red briefly and then turns steady green.
- 6) **The teaching process of the device is completed. ***
- 7) The "Security" LED on the dashboard will turn off.
- 8) Bring the device to "Start/Stop" button. Wait until either "Security" LED flashes again or a beep sounds.
- 9) Press "Start/Stop" button.
- 10) Bring the device to the "Start/Stop" button again.
- 11) When the device communicates to "Start/Stop" button the LED will blink orange.
- 12) Find the position of stable connection and hold the device near the "Start/Stop" button.
- 13) The process of programming starts. LED will blink informing about the process.
- 14) When the process completed the system automatically starts the engine and unlocks the steering wheel. The "Start/Stop" button lights up orange / green or a beep sounds.
- 15) Press "Start/Stop" button.

*** If the teaching process is not completed the LED stays red.**

3. Keys: A8, A9 (Highlander 2014 and later, IS 2014 and later, NX, RX, etc.)

- 1) Connect the diagnostic device to the OBD port.
- 2) Turn on the power switch located on the side. The LED will flash alternately red and green.

- 3) Shortly press any button of the device.
- 4) LED blinking orange means the connection process.
- 5) Wait until the LED will blink red briefly and then turns steady green.
- 6) **The teaching process of the device is completed. ***
- 7) Press the "Start/Stop" button.
- 8) Bring the device to the "Start/Stop" button.
- 9) When the device communicates to "Start/Stop" button the LED will blink orange.
- 10) Find the position of stable connection and hold the device near the "Start/Stop" button.
- 11) The process of programming starts. LED will blink informing about the process.
- 12) When the process completed the system automatically starts the engine and unlocks the steering wheel. The "Start/Stop" button lights up orange / green or a beep sounds.
- 13) Press "Start/Stop" button.

*** If the teaching process is not completed the LED stays red.**

Additions:

- If LED blinks orange for a long time, it means availability of an unknown Smart ECU software version. You need to wait until the LED lights green. Green LED indicates the completion of the teaching process. The teaching time takes from 1 to 15 minutes.
- The teaching process will take place once. Next time you connect to the same "Smart ECU" type this procedure will be quick.
- If "Emergency Start" via the OBD connector or programming the key has failed, you need to connect the device to CAN-bus.
- In the process of "Emergency Start" the vehicle data are stored in the device. For repeated "Emergency Start" is enough to bring the device to the "Start/Stop" button without having to connect to the OBD connector.
- Connection information is shown in the **appendix**.

Adding Car Keys

*Before programming it is required to make an "Emergency Start" by shortly pressing any button of the device.
(See the sections above 1, 2, 3).*

Keys: D4, 94, 98

- 1) Press and hold any button of the device more than 3 seconds.
- 2) The LED flashes alternately red and green, and then lights up steady orange. "Security" LED will turn off.
- 3) Bring the device to "Start/Stop" button you will hear first confirming beep.
- 4) Put the key on the passenger seat you will hear a second confirming signal which indicates the key is accepted.
- 5) If necessary, bring new additional key and repeat the procedure of paragraph 4).
- 6) Wait 30 seconds to complete the programming process. After completion of programming "Security" LED starts flashing again.
- 7) The adding keys procedure is over.

Keys: 88, A8, 39, A9

- 1) Press and hold any button of the device more than 3 seconds.
- 2) The LED flashes alternately red and green, and then lights up steady orange. "Security" LED will turn off.
- 3) Bring the device to "Start/Stop" button you will hear a first confirming beep.
- 4) Bring the new key to "Start/Stop" button. Continue holding the key next to "Start/Stop" button until the second confirming beep sounds. This signal indicates the key been accepted.
- 5) If necessary, bring additional new key and repeat the procedure of paragraph 4).
- 6) Wait 30 seconds to complete the programming process. After completion of programming "Security" LED starts flashing again.
- 7) The adding keys procedure is over.