

# Toyota Keyreset v1.2

**Toyota / Lexus / Subaru**

**( 39, 88, 94, 98, 9F, A8, A9, AA, BA, B9, D4, F1, F3 )**



## ❖ USE OF DEVICE

**Toyota KeyReset v1.2 is designed for:**

- Smart-key testing for Toyota, Lexus and Subaru cars. Checking the type of key, signal modulation type and key status.
- Smart-key resetting to the state of new key.



Fig.1

### Supported key types:

**Toyota/Lexus/Subaru: 39, 88, 94, 98, 9F, A8, A9, AA, BA, B9, D4, F1, F3.**

## ❖ COMPLETE SET

Toyota Keyreset v1.2 is a stand-alone device with an internal battery (Fig. 1). The battery is charged via the USB port using a standard charger with a micro-USB cable (Fig. 2).



Fig.2

## ❖ MAIN FUNCTIONS OF THE DEVICE

1. Checking the type of smart key;
2. Checking the type of signal modulation - FM or AM for old types of smart-keys (94, D4, 98, 9F);
3. Checking smart key status - clean (new key) or registered to the car (the used key);
4. Smart-key resetting to the state of new key.

## ❖ OPERATING PROCEDURE



Fig.3

Turn on **Toyota Keyreset** by pressing the button on the back side of the device (Fig. 1). After switching on the symbols «00» light up on the device display (Fig. 3), it means the device is ready for use. **Keyreset** is turned off by pressing the button on the back side. The device functions are selected by buttons «**Type/AM/FM**» and «**Check/Clear**» (Fig. 3).

### 1. CHECKING THE TYPE OF SMART KEY.

- 1.1. Place smart key on the device surface (Fig. 4).
- 1.2. Press button «**Type/AM/FM**» briefly. Within a few seconds, the device performs testing. The indicator will display symbols «**-/-**» alternately (Fig. 5).
- 1.3. In case of successful reading of smart key data, the display will show one of key type - **94, D4, 98, 88, 39, A8, A9, AA, 9F, BA, B9, F1, F3.**



Fig.4

## 2. CHECKING TYPE OF SMART-KEY SIGNAL MODULATION

This function is used only for testing older types of keys ( **94, D4, 98, 9F** ). These keys can use either amplitude ( **AM** ) or frequency ( **FM** ) signal modulation.

- 2.1. Place smart key on the device surface ( **Fig. 4** ).
  - 2.2. Press button **«Type/AM/FM»** briefly to check the type of key.
  - 2.3. After the key type is displayed, press and hold for a few seconds the button **«Type/AM/FM»**. The device will start sending testing signals for the key. Smart key led will flash and the **Keyreset** will display the appropriate characters.
- Testing of the key **98** is accompanied by flashing key led and **«A»** or **«F»** symbols on the device display. The type of signal modulation is determined by the response of smart key to test signals. If key led blinks when **«A»** symbol appears on the device display ( **Fig. 6** ), it means the key has **AM** modulation. If **«F»** symbol appears ( **Fig. 7** ), the key has **FM** modulation.
  - Testing of the keys **94, D4, 9F** ( only **AM** modulation ) is accompanied by **«rd»** symbol ( **Fig. 8** ) on the device display and a flashing smart key led.



Fig.5



Fig.6



Fig.7



Fig.8



Fig.9



Fig.10



Fig.11

## 3. CHECKING SMART-KEY STATUS

- 3.1. Place smart-key on the device surface ( **Fig. 4** ).
  - 3.2. Press button **«Type/AM/FM»** briefly to check the type of key.
  - 3.3. After the key type is displayed, press the **«Check/Clear»** button briefly. Within a few seconds, the **Keyreset** performs testing and then display shows the smart-key status:
- When checking the status of **88, 39, A8, A9, AA, F1** keys, **«CL»** symbol is displayed if the key is **new (blank)** ( **Fig. 9** ). If the key is **used (registered to the car)** the display shows symbol **«No. 1, 2, 3 ... etc.»**. ( **No.** - sequential number of the key allocated to the vehicle ) ( **Fig. 10** ).
  - When checking the status of **98** key, the indicator displays **«Ch»** symbol ( **Fig. 11** ), and then **«A»** or **«F»** symbol . If the key led blinks when **«A»** or **«F»** symbol is displayed, it means the key is **new ( blank)**. If the key led does not blink, this is the **used key (registered to the car)**.
  - When checking the status of **94, D4, 98, 9F** keys, the indicator displays the **«Ch»** symbol ( **Fig. 11** ). Blinking key led means the key is **blank (new)**. If led does not blink, it's the **used key (registered to the car)**.

## 4. SMART-KEY RESETTING TO THE STATE OF NEW KEY

- 4.1. Place smart-key on the device surface ( **Fig. 4** ).
- 4.2. Press button **«Type/AM/FM»** briefly to check the type of key.
- 4.3. After the key type is displayed, press the **«Check/Clear»** button briefly to check the key status.

- 4.4. After the key status is displayed, press and hold **«Check/Clear»** button for a few seconds. The device starts sending signals to reset the key. During this process, **«CL»** symbol is displayed (**Fig. 9**), followed by **« -- »** symbols (**Fig. 5**). At the end of the reset procedure, the device displays the key type.
- 4.5. The procedure completed successfully.

*\*After resetting the key, it can be registered to the car using appropriate devices.*