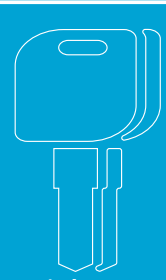
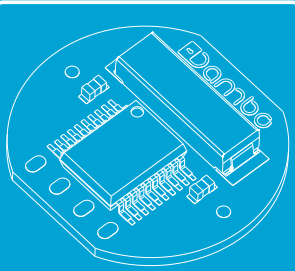
Key Tool Software 2023

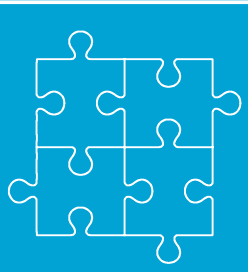
Transponders cloning User Guide



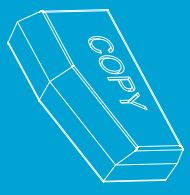
Quick copy



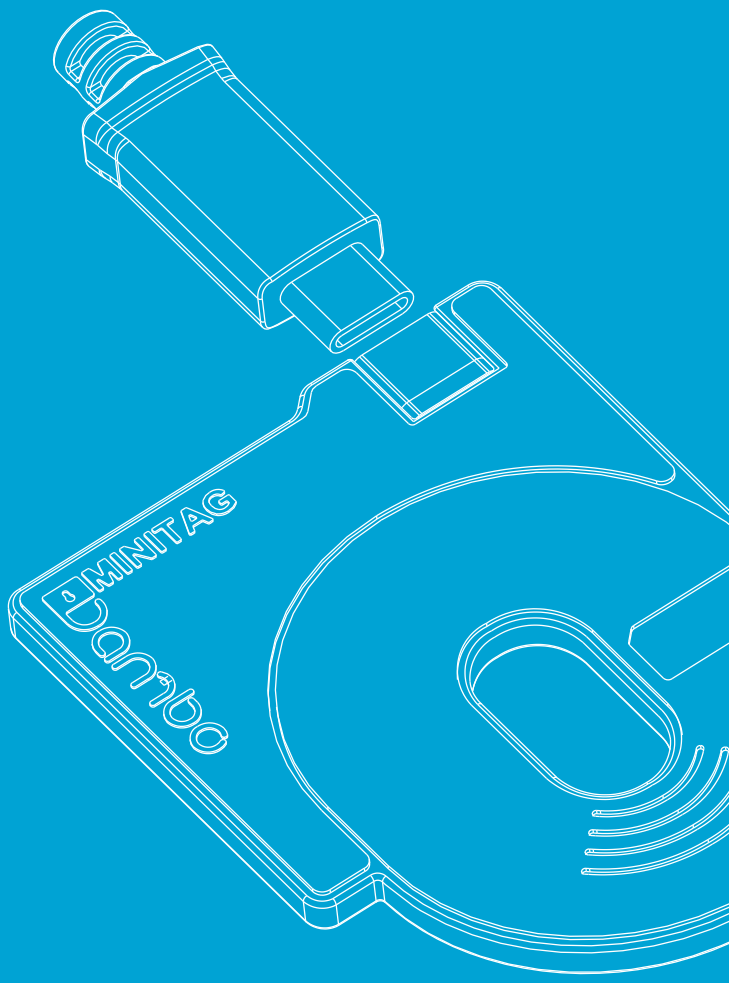
Data collection



Crypto calculation



Most cloneable chips supports



Key Tool is the advanced tool for copying a wide range of transponders used on variety of vehicles keys, such as:

- **Temic® / Megamose® fixed code**

- variety of vehicles keys with ID11, ID12, ID13 transponder chips.

- **Philips® fixed code**

- variety of vehicles keys with ID33 transponder chips.

- **Philips® Crypto PCF7935**

- Nissan ID41 transponder keys.
- Volkswagen ID42 transponder keys.
- Volkswagen ID44 transponder keys.
- Peugeot ID45 transponder keys.

- **Texas® fixed code 4C**

- variety of vehicles keys with ID4C transponder chips.

- **Megamos® Crypto 8C**

- Ford/Mazda ID8C transponder keys.

Texas® Crypto 4D/4E

- variety of vehicles keys with ID60, ID64 transponder chips.
- Mitsubishi ID61, ID62 transponder keys.
- Ford/Mazda ID63 transponder keys.
- Suzuki ID65, ID66 transponder keys.
- Toyota/Lexus ID67, ID68, ID70, ID70E transponder keys.
- Suzuki/Yamaha/Kawasaki cycles ID62, ID69 transponder keys.

- **Texas® Crypto-2 4D-80bit**

- Ford ID83 (ID6F-63) transponder keys.
- Kia/Hyundai ID6E(ID70) transponder keys.
- Toyota/Lexus G-chip (ID6E, ID72G, ID67G) transponder keys.

- **Texas® Crypto-3 AES-128bit**

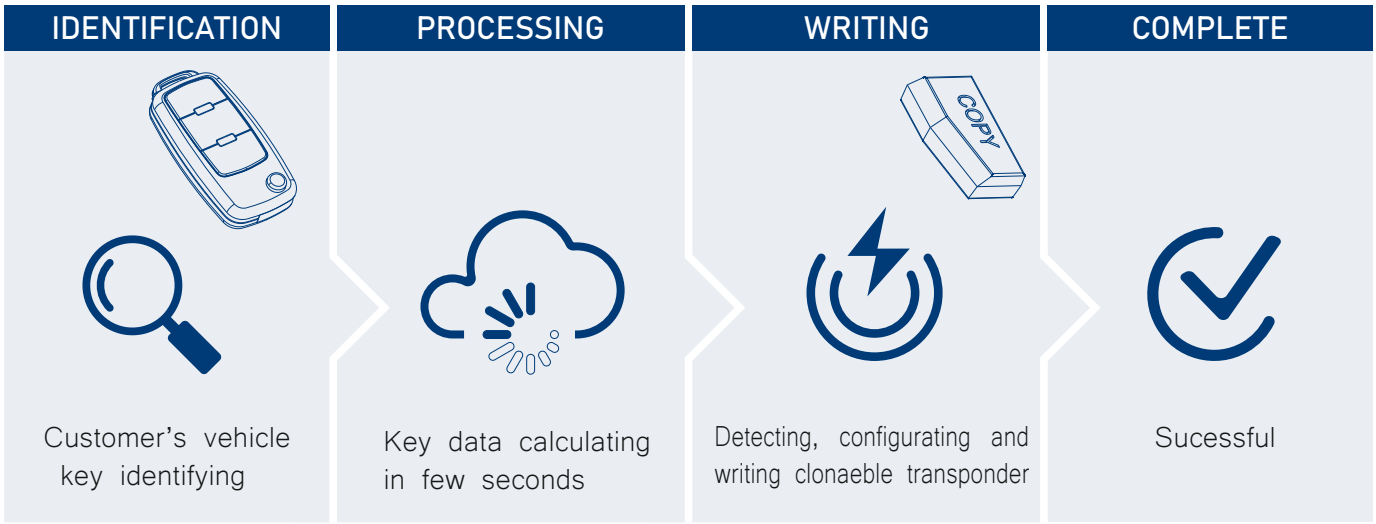
- Toyota/Lexus H-chip (ID8A) transponder keys.

- **NXP® Crypto Hitag-2**

- variety of vehicles keys with ID46 transponder chips.

Most of vehicles transponders, including encryption transponders like **Texas® Crypto-2 80 bit** and **Texas® Crypto-3 128 bit** support quick copy which allows the user to clone keys quickly and easily. It's a simple step-by-step process that requires minimum user operations.

Quick copy sequence



To produce a key copy, you must use special chip to emulate the immobilizer key transponder. **Key Tool** software support a wide range of specialized aftermarket chips (virtual transponders) that are suitable for emulating various types of car key transponders.

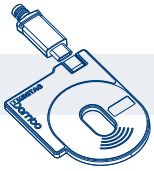
WOW!

Despite of the large variety of supported cloneable transponders, the user does not need to worry about choosing the correct chip. The software will automatically detect and configure a special chip depending on the customer's key type.

See the **"Special Chips for Transponder emulation Support Guide"** for a full list of supported cloning transponders.

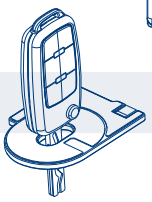
The quick copy function allows to clone transponders without the need to connect with the vehicle, making the process easier and more streamlined. The entire process requires on average less than five minutes.
You can use the quick copy function aftert the original key identification. Put the original key to the device and perform the Workshop->Identification in the application.

Connect Minitag to PC



Run Key Tool Application

Put the original key



Click “Identification”

After the transponder identification, a report will be displayed on the application screen. If the transponder allows copying, the appropriate link will be available in the list of tools. To proceed the cloning you must follow the appropriate link. After that a copying tool will be open with a proposal to bring an acceptable clonable chip.

```
Transponder:
Chip Family..................... Texas Crypto
Chip Type....................... DST-128
s/n............................. A02E75B2
s/a............................. 99

Key Identification:
Chip Coding..................... ID8A (Toyota-H p1=99)
Brand........................... TOYOTA
Key Type........................ Transponder Key
Blade........................... TOY43

Tools:
Transponder R/W................. DST-Aes R/W Tool
Make Copy....................... DST-Aes Copy Tool
```

Put the clonable transponder to the device and complete the copy operation.

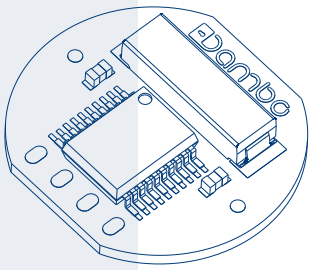
Put the clonable transponder

Complete the operation

For copying ID46, it is required to perform the vehicle key data collection at the moment the ignition is turned on. For this operation, you must use the original key and a special device - DK46 data sniffer.

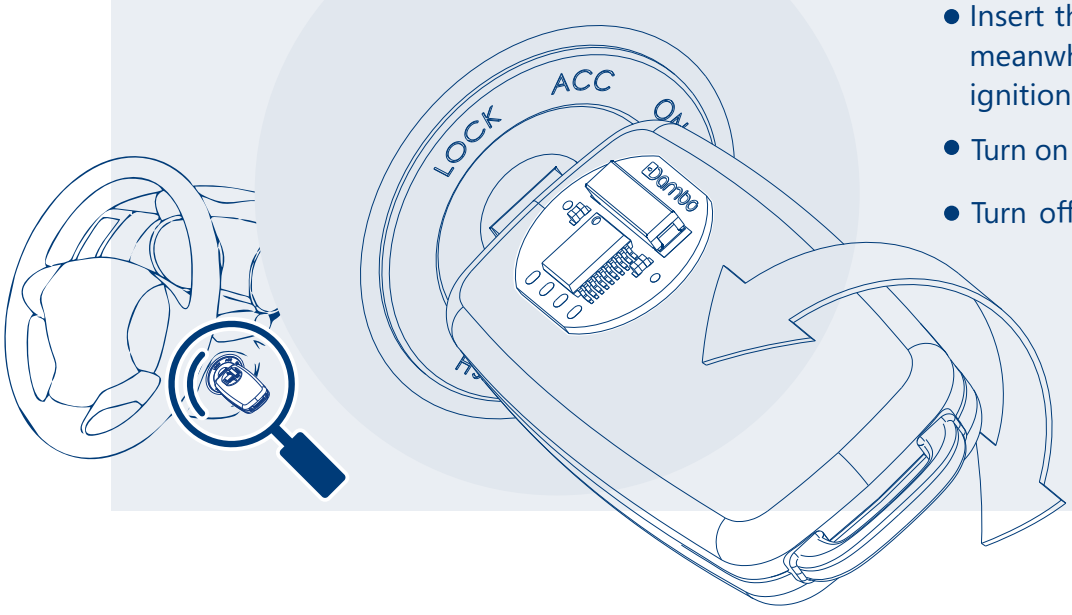
DK46 is a special wireless small-size device that allows you to sniff the data of the immobilizer coil at the time of data exchange with the key.

DK46 does not require power and saves data until the next use.



Using the DK46, the data collection process is quick and easy. You only need to get into the car and turn on the ignition without any additional equipment.

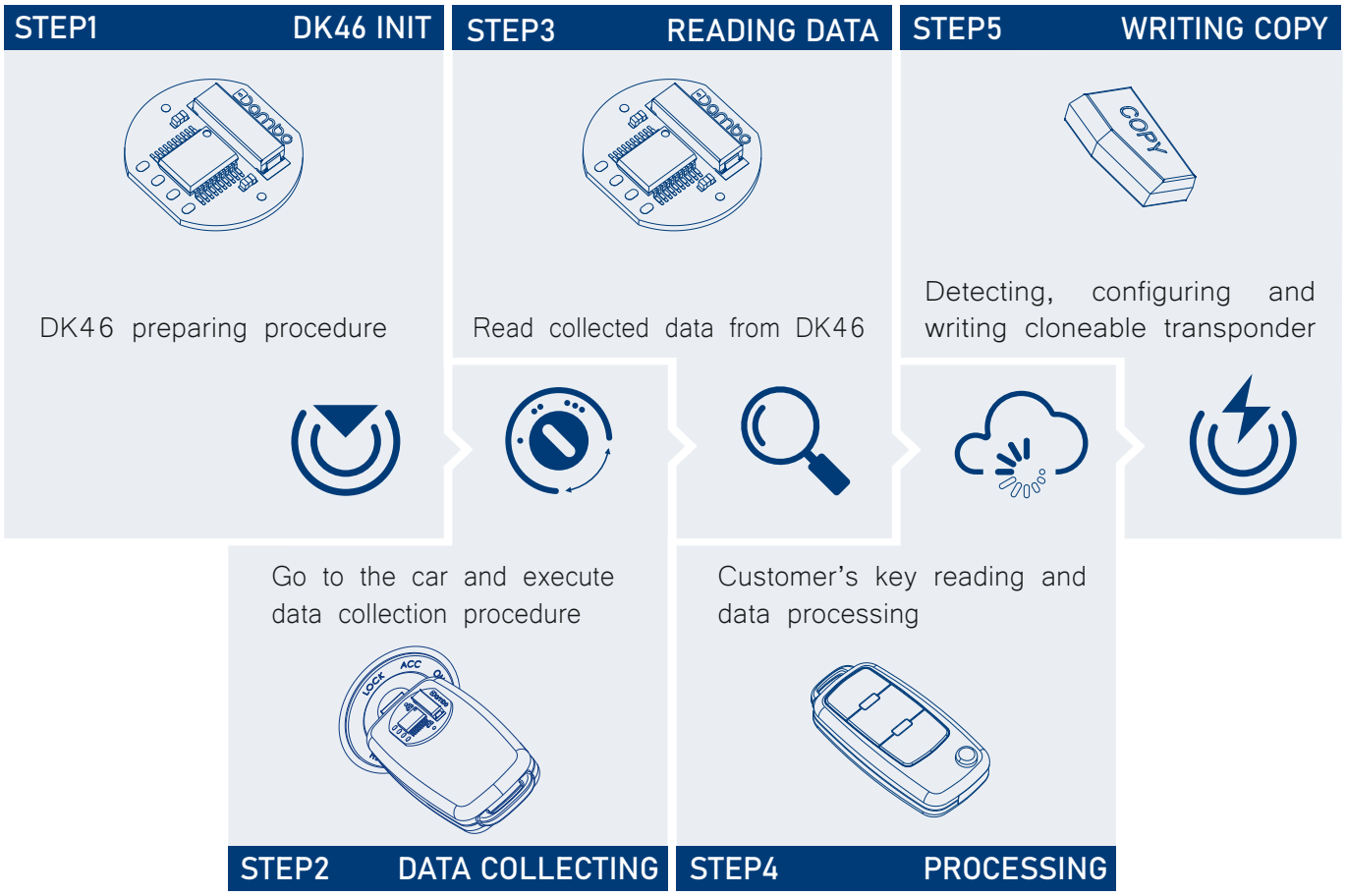
Data collection process



- Close the DK46 to the immobilizer coil (ignition switch, engine start button, key fob slot).
- Insert the original key into ignition meanwhile keep the DK46 near to the ignition switch.
- Turn on the ignition to collect the data.
- Turn off ignition and remove the key.

Cloning ID46 with the Key Tool application It's a simple step-by-step process that requires minimum user operations.

ID46 copy sequence



To start the ID46 cloning process perform the **Key workshop->ID46 Copy** in the **Key Tool** application. Follow the instructions in the app.

The guided procedures shown on the application screen make the cloning of a vehicle key quick and easy.