ED-01 User Manual(JLR)



Shenzhen EoneBoss Technology Co., LTD

1 Product Information





- **Status Light Indicators**

Status Light Indicators	Description of corresponding functions
Red	Communication Indicator
Blue	Bluetooth Status Indicator

- **Power On**

· Power On: Connect the USB power cable

· Power Off: Disconnect the USB power cable

· Can be powered by mobile phone chargers, computers (USB), power banks, and standard 5V adapters

- **Product Advantages**

1 No need to disassemble the KVM module.

2 No need to replace or program the RFA module.

3 No online programming required.

4 No code tracking, rolling code, or synchronization issues.

5 Faster and more convenient smart key duplication.

6 Key ID Modification

7 Supports Remote Counter Modification

8 Magnetic Adapter Design for quick installation and easy operation

- **Compatible Keys**

· Original JLR smart keys

· EoneBoss EJLR high-trim smart keys for latest models

2 JLR SMART KEY DATA COPYING GUIDE

Step 1 Record Key ID & Position

Use an OBD device to read and record the unusable original key's ID and corresponding key position.

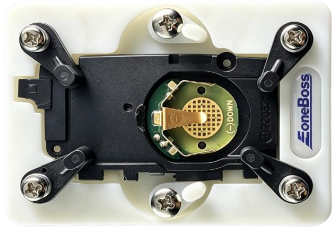


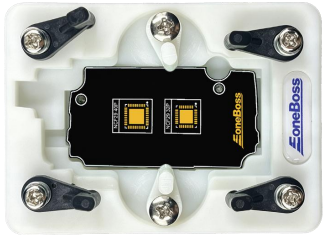
RECORD BEFORE CONTINUING

Unavailable original Key ID & Key Position.

Step 2 Place Board on DP-01

Open the shell of an existing original key. Remove the PCB board and place it on the DP-01 adapter.



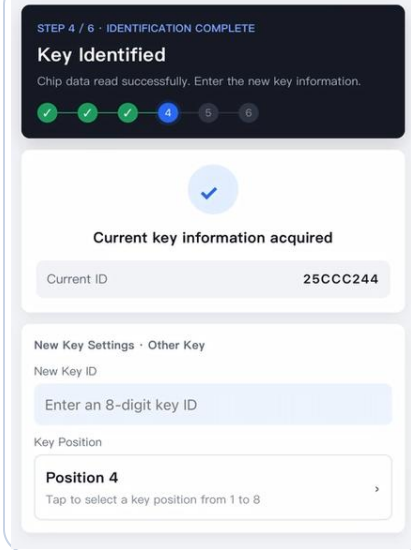


HARDWARE SETUP

- 29A4: Direct reading via adapter
- 29AF: Remove the chip from the original key, solder it onto the **Off-Board Read Adapter**, and read the data.

Step 3 Read & Process Key Data

In the app, read the original key's NCF29A4/F chip data. Process the data, then select the Key ID and Key Position.



APP SELECTION

Enter the Key ID and Key Position from Step 1.

Step 4 Write Data to New Key

Write the processed original key data to the new key.

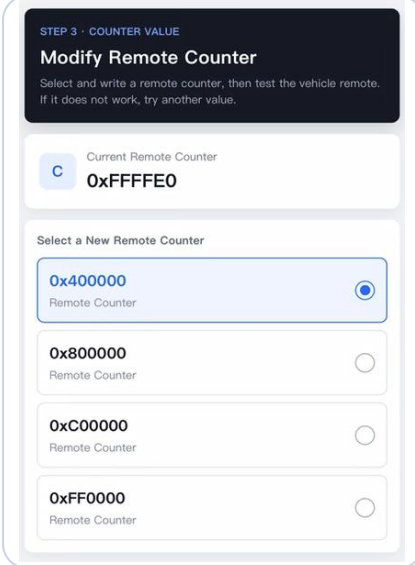


COMPATIBLE KEYS

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Step 5 Match Remote Counter

If remote functions do not work correctly after cloning, adjust the remote counter to match the current vehicle.



NOTE

For OEM keys, this function is available only after copying is completed with ED-01.

3 Product Parameters

Structure	
ED-01 Dimensions	85*62*12.2mm
DP-01 Dimensions	85*62*40mm
Material	Resin
Input Interface	USB Type-C
Hardware	
Core Chip	RISC-V
Bluetooth	Single-mode BLE 5.0
Wireless Frequency Band	2.4GHz/134.2kHz/125kHz
Physical Parameters	
Input Voltage	5V 450mA
RF Transceiver	High sensitivity (-94dBm@BLE)
Transmitter Power	Up to +7.5dBm
Working Temperature	-10°C~50° C
Storage Temperature	-20°C~70° C

4 Operating Instructions

- **App Download**

  · Scan the QR code on the right to download and install the EoneBoss APP.

- **Connecting ED-01**

  · Connect the USB cable directly to power on the device. Ensure your phone's Bluetooth is enabled.

  · Open the EoneBoss App and navigate to the corresponding function interface. Follow the on-screen instructions to complete the setup.

5 Product Functions

- **2018+ JLR Key Cloning**

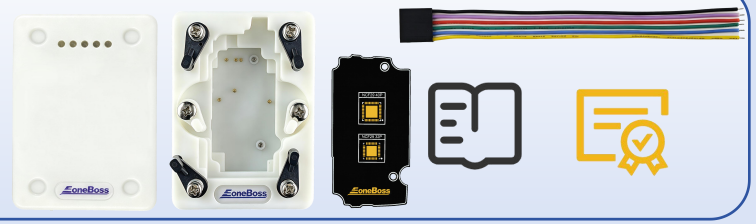
  Read the chip data from a currently working key. During NXP key cloning, write the lost key's ID and Key Position to the new key. The new key will occupy the lost key's position, preventing it from sharing the same ID as the existing key. Once writing is complete, all functions of the new key will operate normally, including UWB.

- **Modify Remote Counter**

  If the remote functions do not work properly after key cloning, adjust the remote counter to match the key with the vehicle. For OEM keys, this function is available only after cloning with ED-01.

6 Package

- ED-01 Host *1
- DP-01 Adapter *1
- DP-01 Off-Board Read Adapter *1
- Connection Cables *1
- User Manual *1
- QC Certificate *1



7 Warranty and After-Sales Service

The ED-01 comes with a one-year warranty, effective from the date of purchase as shown on the receipt or transaction certificate. If no proof of purchase is available, the manufacturer's factory delivery date will be used as the warranty start date.

Warranty Exclusions

The free warranty does not cover:

· Failure caused by improper use or not following the operating instructions;
· Damage from unauthorized repair or modification;
· Failure due to dropping, collision, or use of incorrect voltage;
· Damage caused by force majeure (natural disasters, etc.);
· Damage from long-term use in harsh environments or in vehicles and ships;
· Cosmetic damage (dirt, wear, or discoloration of the outer casing).

- **Support Contact**

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