

The logo for Lock 50 is a shield-shaped emblem. At the top, the words "LOCK 50" are written in a bold, red, sans-serif font, with a registered trademark symbol (®) to the right. Below the text is a stylized car, depicted in white with a thick black outline. A prominent red lightning bolt with a black outline strikes the side of the car. The car is positioned within a shield that has a red and white vertical striped background. The shield's border is black, and the overall design is clean and modern.



Lock50 HW01 JLR Transponder Key Copy & Unlocking & Change ID Emulator Programming Tool

*Lock50 HW01 HiTAG Pro Transponder
Programming Tool Released 8 February
2021*



JLR Smart Key Unlocking & Change ID Emulator Programming Tool Features

Compatible with all Jaguar / Land Rover models (2010-2024+)

HW01 Lock50 JLR Key Tool Hardware

- *Main Functions*

- Make a Key Copy 2010 to 2020 PCF7953 Keys from MCU Dump Full Keyless + Remote
- Make a Key Copy 2010 to 2020 PCF7953 Key to Key Full Keyless + Remote without OBD
- Unlock 2010 to 2020 1 Chrome strip style keys without opening with PCF7953
- Make a Key Copy 2017 to 2024+ NCF29A1 from MCU Dump with Emergency Start
- Make a Key Copy 2017 to 2024+ JLR Unlocked PEPs Key to Key with Emergency Start
- Safest Alarm off Solution for Unlocked RFA from USA & Canada for all 2010 to Current Models to 2024+
- Works with HW04 OBD tools Hand in Hand to Get the Jobs Done

HW01 JLR Key Tool



Kits with 10 Keys with Box

Unlimited Lifetime Use

One Time Purchase But with Optional Paid Updates Coming Soon

HW01 - Hardware 01 is The JLR Key Tool programmer & is the latest generation tool intended for operation with keys and transponders used in the latest authentication systems and immobilizers from JLR 2010 to 2024+

HW01 is ready to program all keys and transponders produced by our company & JLR.

Read Program Authenticate:

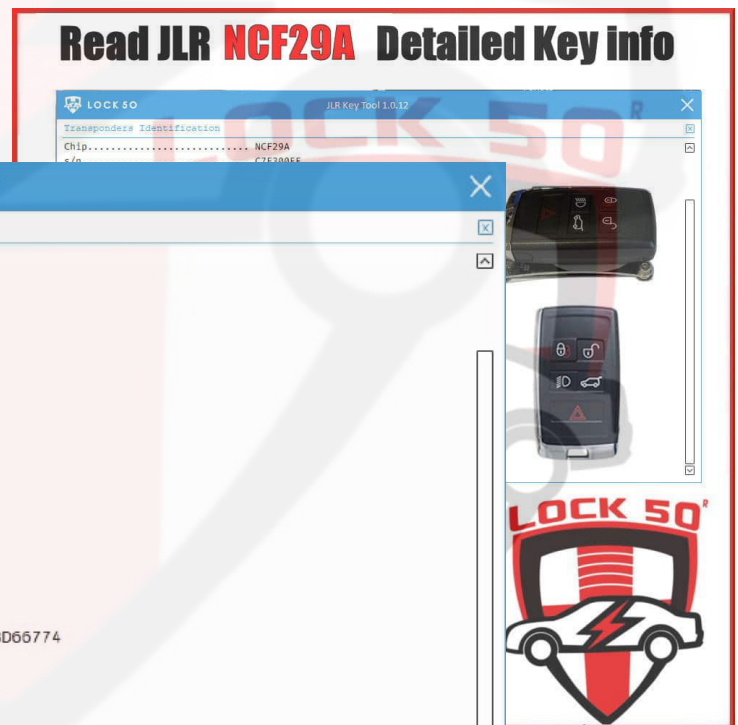
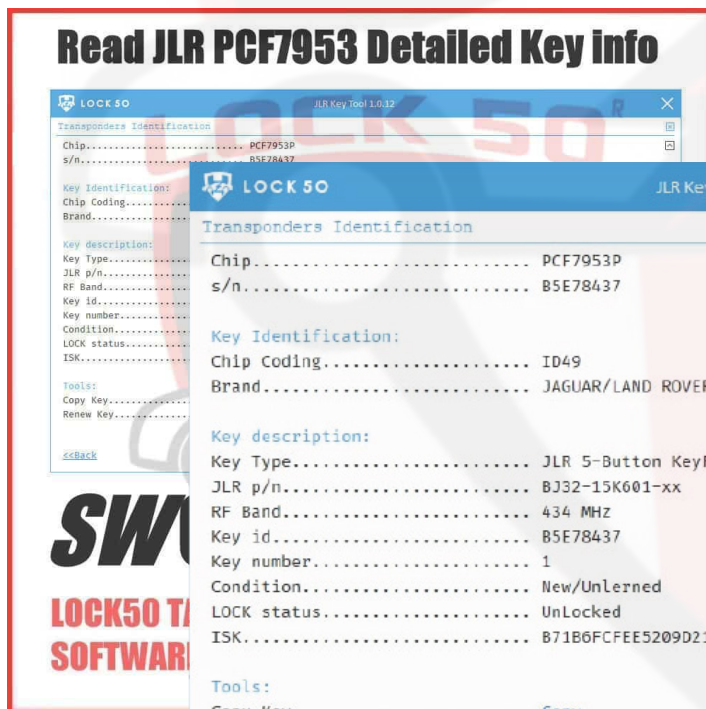
Supports Transponders from NXP® (hitag-3, hitag-pro, hitag-aes).

SW01 to SW13 Modules Included Described in the Next Pages

SW 01 - FREE with Lock50 HW01 Read JLR Key PCF7953 Part Frequency Position Locked Status info



SW02 - FREE with Lock50 HW01 Read JLR Key NCF29A Part Frequency Position Locked PEPS UWB Status info



SW 03 - FREE with Lock50 HW01 Jaguar Land Rover Precoding Dealer Key Dump Tool FK72 HPLA DPLA for MCU MC9S12

**Add Remove Keys Via KVM Mcu MC9S12
Files 2010 TO 2020**



SW03



SW-03 Is a software licence that works with the LOCK 50 HW01 JLR Key tool software and will enable users to add and program new LandRover and Jaguar keys all 2010 to 2020 KVM'S via the MCU D Flash and EE files.

Key Programmer for Jaguar Land Rover KVM

**AH32 BJ32 DPLA
FK72 HPLA
2010-2020**

**Supports
Hitag Pro
Read Write**



Add Lost or Spare Dump Via MCU Dumps

AH32 - BJ32 - DPLA - FK72 - HPLA Dealer Key

SW03



Firstly you need to use HW53 to read out the D-Flash and EEE data in the KVM

Then use Lock50 HW01 JLR Key Programmer to generate new key and data files, finally write back to KVM the new Dflash + EE files.

Optionally, you could also now use one of our emulators that would emulate an existing key from the data you have extracted from an existing KVM with SW09

SW 04 05 06 07 - FREE with Lock50 HW01

SW04 JPLA-19H440- XX **DE BE CE AE**

SW05 K8D2-19H440-XX **BB BC AB AC**

SW06 J9C3-19H440-XX **DF BF** **SW07**

M9R3-19H440-XX **BD**

for MCU SPC560B60L3 Emergency Start Emulation 2017-2024+

ALL 2017 to Future RFA Models Supported

Turn OFF Alarms Safest Way for USA CANADA Rest of World for Unlocked RFA



Simply Easy Safe USA Canada Alarm

Read SPC MCU From RFA with the HW53 Mcu Programmer + HW03 Solder Free Adapter



How to Turn Of USA Alarms 2017+ to 24+



Copy & Emulate the key on HW02 or HW05 to HW10 Keys to Emergency Start Firstly you need to use HW53 Mcu Programmer to Read the Dflash of SPC560B60L3 inside the RFA's Unlocked MCU using the MCU Reading Adapter Tool without Any Soldering with HW03

Then you can use the HW01 Lock50 Key Programmer to Emulate any key ID in the MCU Dump file Then use the Supplied HW02 or HW05 to HW10 Change ID Emulator Keys & once Programmed to Start car & get ignition on holding under steering wheel to Emergency Start.

Ideal Safe Way to turn of Alarms 2017 to 24+ JLR All Models

Supported Vehicles is ALL

Supported Years of JLR Vehicle:

2017 2018 2019 2020 2021 2022 2023 2024



Use the HW53 Mcu Programmer tool to Read the Dflash from SPC56464 Series For Emergency Start Key emualtions from BCM Key Data on HW05 to HW10 Lock50 JLR Car Key Change id Emulator Keys
www.Lock50.co.uk

SW09 - FREE with Lock50 HW01 Module Copy Key via MCU Dumps for KVM 9S12 on HW05 to HW10 Emulators with RF & Keyless + Emergency start



SW09 Extends the SW03 that only Allows add New Keys in the Mcu Dump and is required to write new dumps back to the KVM and those keys work remote and keyless but don't have Emergency Start.

SW09 only Needs the Dumps and No need to Write Back new Dump Files to KVM as this we will Copy the Current Keys in the File and not Add new Fixed ID keys You can use the Lock50 change id Keys HW06 to HW10 to Fully emulate the Existing keys ID and Crypto Data and make a Fully working Key.

To Have Emergency Starts its Required to Copy Position 1 or 2 from the Dflash and EE Data to make the Same Keys that also exist in the BCM and use HW05 to HW10 Lock50 keys to make a Fully working Keys from Mcu files alone with Keyless + Remote and Emergency Start

SW10 - FREE with Lock50 HW01 Module Copy Unlocked JLR PCF7953 Key Direct on HW05 to HW10 Lock50 Keys with RF & Keyless & Emergency start Supported



How to Copy a Key



Step 1 Read the Key on Lock50 HW01



Place a Lock50 Key and Press Copy All done in 30 Seconds

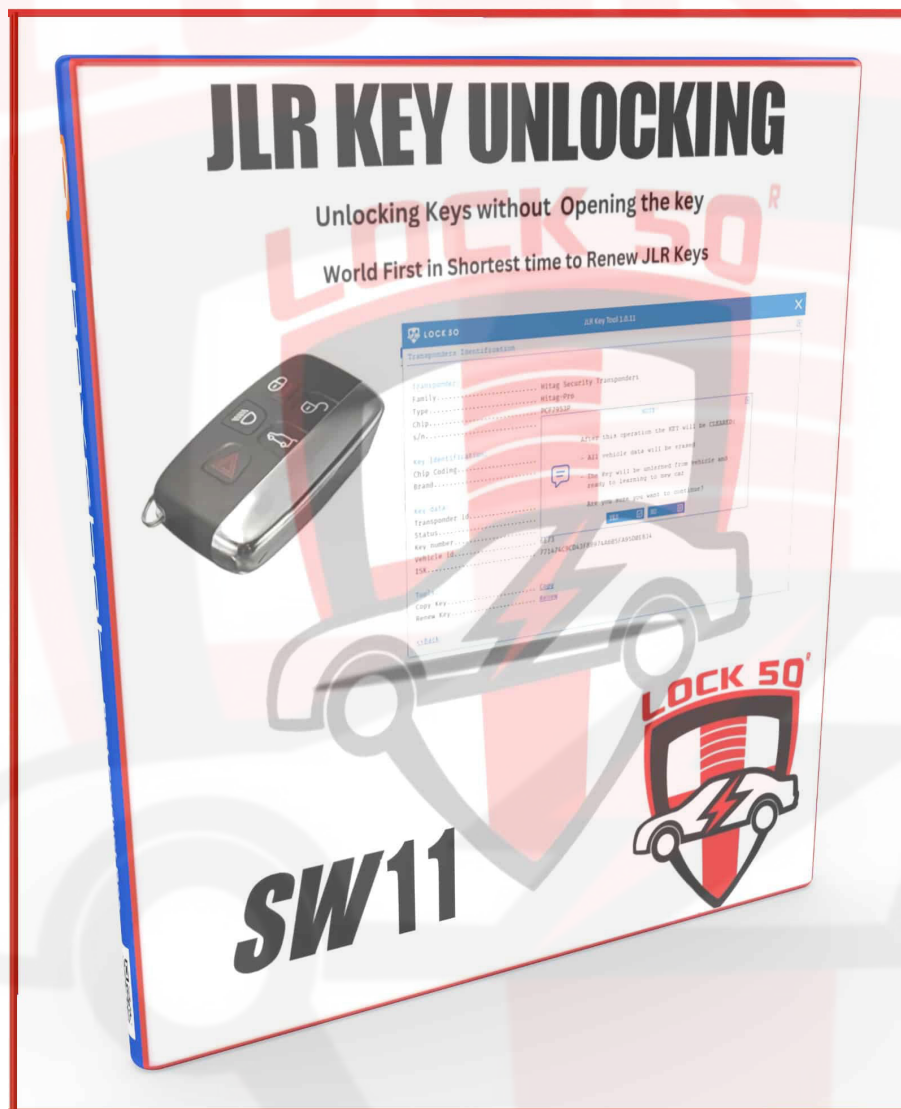
We Found way to Make a Copy of Unlocked Keys on to our High Grade Keys we Supply HW05 to HW10

Simply Read Other Brands Change ID Keys and Copy to High Grade Lock50 Keys in Seconds.

If Your using a Diffrent Tool than HW04 Lock50 OBD Tool to program keys then the quality of the chnage id Keys will have your clients soon Calling you Back with Complaints.

Copy those Low Grade Keys of other change id key providers to the Lock50 High Grade Keys and hear back only from your Existing clients when they want more Jobs doing and will not be Calling you let you know the keys stopped and need replacing agian within Warranty Period. Give Lock50 Keys with 2 Years Warranty and have full Peace of Mind.

SW 11 - 2010 to 2020 Key Unlocking / Renewing Without opening Keys PCF7953



Normally u would need to open the JLR Key to unlock it.

But u know the Lock50 Team always like to do things never done before by another. Now simply **unlock your key without needing to open the key** and connect wires. Very easy and simply and when selling used keys in Grade A Condition you don't need break open the key and keep the internal seals intact as if the keys was never used. Unlock OEM Keys from JLR in a new way and easy way and unique way.

SW12 - FREE with Lock50 HW01 Module Copy Locked JLR PCF7953 Key Direct on HW05 to HW10 Lock50 Keys with RF & Keyless & Emergency start Supported



HW01 Lock50 HW01 JLR Key Tool Write data to Lock50 Range of JLR HW05 to HW10 Hitag Pro Change Id Keys. Option 1 Via Direct Copy for KVM Keyless Vehicle Module 2010 - 2020

Option 2 Simply Place Key to copy to Lock50 HW01 and Read Key Info

Press Copy Key and Place a HW05 to HW10 Lock50 JLR Key on Reader

Job done in Seconds and Make a Used/Damaged or non working or Low Grade JLR Key on to Lock50 JLR High Grade OEM keys

Copy Key to Key no OBD Needed



Fastest Way to Make a New High Grade OEM Quality Key without RFA Changes and Impossible without SW12 + HW05 to HW10 OEM

Revive Dead Non Working Keys in Seconds to New Keys to Quickly solve Cars without any OBD Programming by Simply Copy Key to Key in under 30 Seconds without any Opening and only placing on the HW01

**Convert Low Quality keys to High Grade OEM Quality HW05 or HW06 Keys
Use Real OEM Keys HW07 to HW10**

Lock50 Range of Keys we Supply

Lock50 Make The Most advanced Change ID Key emulators

In 2021 the HW02 was released to Be used on Vehicles from 2010 to 2021 and can still be used Till 24+ Vehicles without updating.

HW02 Can work as PCF7953 Transponder MCU but also can emulate NCF29A1 used in the latest PEPS Cars Keys Systems till 24+

HW02 Only supported Emergency Start and No Remote Functions

Support All JLR Model 2010 to 24+

Unlimited and Reuseable

First & Only Worldwide Safe Solution to Turn off Alarms in USA Canada Vehicles using the RFA (ST Mcu RFA 2017 + to Now or the KVM with 9S12 Mcu 2010 to 2020) Dumps Files that can be Read without Soldering using HW53 MCU Reader Tools



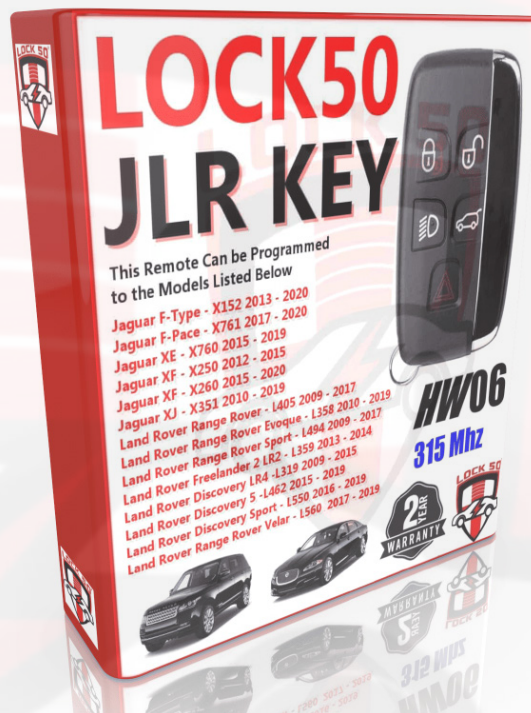
Lock50 HW05 to HW10 Keys

Lock50 Change ID HW05 HW06 JLR Key

Note these are Aftermarket Keys But Very High Quality like OEM spec

Non Original JLR Key

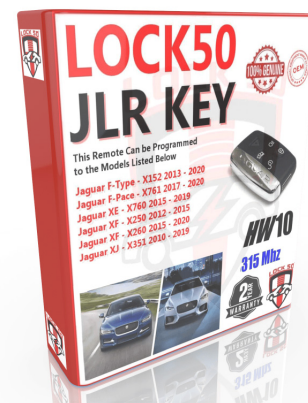
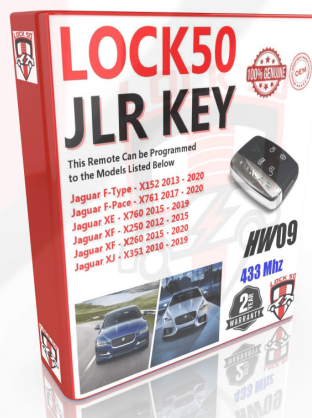
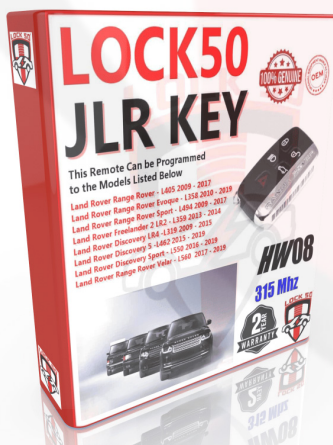
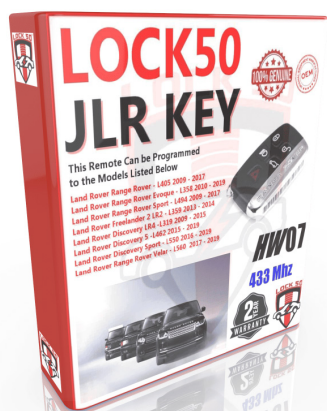
Non OEM PCB + Non OEM Cases



Lock50 Change ID HW07 HW010 JLR Key

Original JLR Key Very High Quality Same as Dealers

Keys with OEM PCB + OEM Cases

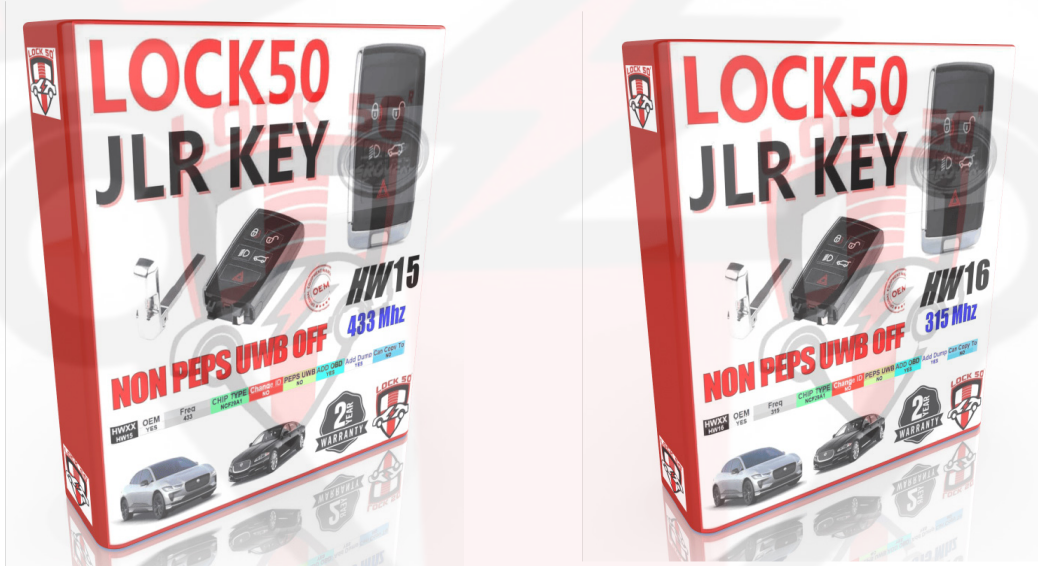


2017 + Non OEM Non PEPS Keys



Non Original Cheapest Keys can use when RFA is Replaced with New One if Locked or when RFA is Unlocked

2017 + Non PEPS OEM Keys



Original OEM non PEPS Cheapest Keys can use when RFA is Replaced with New One if Locked or when RFA is Unlocked

OEM PEPS UWB KEYS 2017 - 2024+

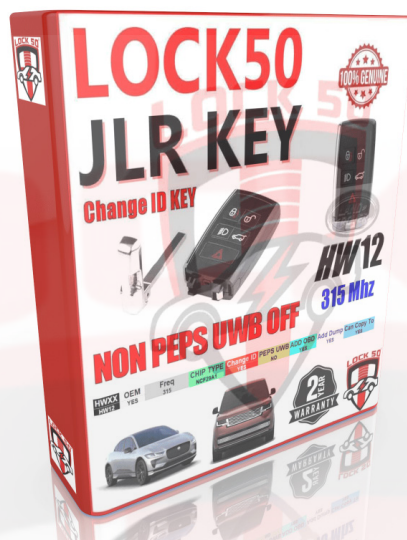
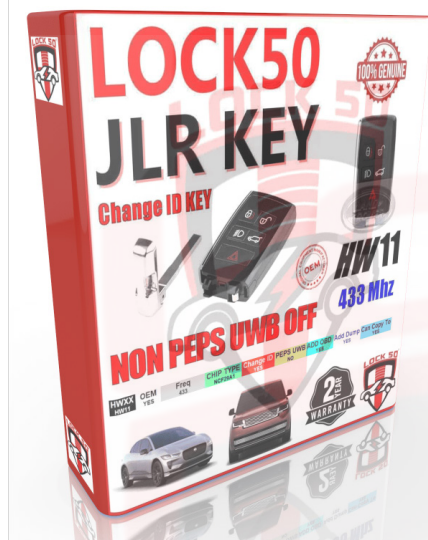
Original PEPS UWB Keys can use when RFA is Replaced with New One if Locked or when RFA is Unlocked already and support 2017 to 2024+ All JLR Vehicles & can use with Lock50 HW04-A or HW04-B or HW04-C



Learn Keys with HW04 or Pathfinder or Topix Cloud

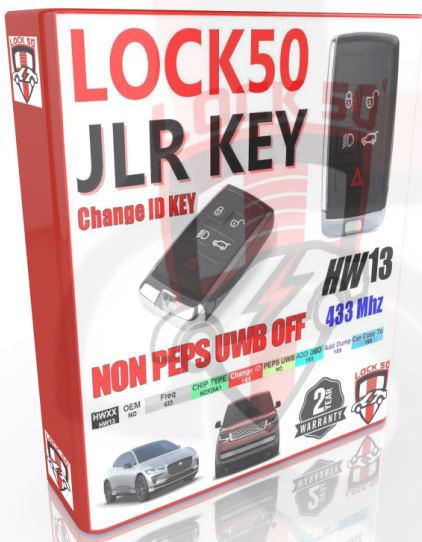
New Dealer Originals Keys is always Best for your Clients but needs New RFA Changed to use if outside USA/Canada

Change ID Lock50 OEM Non PEPS UWB KEYS 2017 - 2024+ for HW04-C



**Change ID
Lock50
2017+ to 24+
OEM Non
PEPS**

**Use Cheaper OEM Keys with Change ID Tech
from Lock50 Exclusive without RFA Changes**

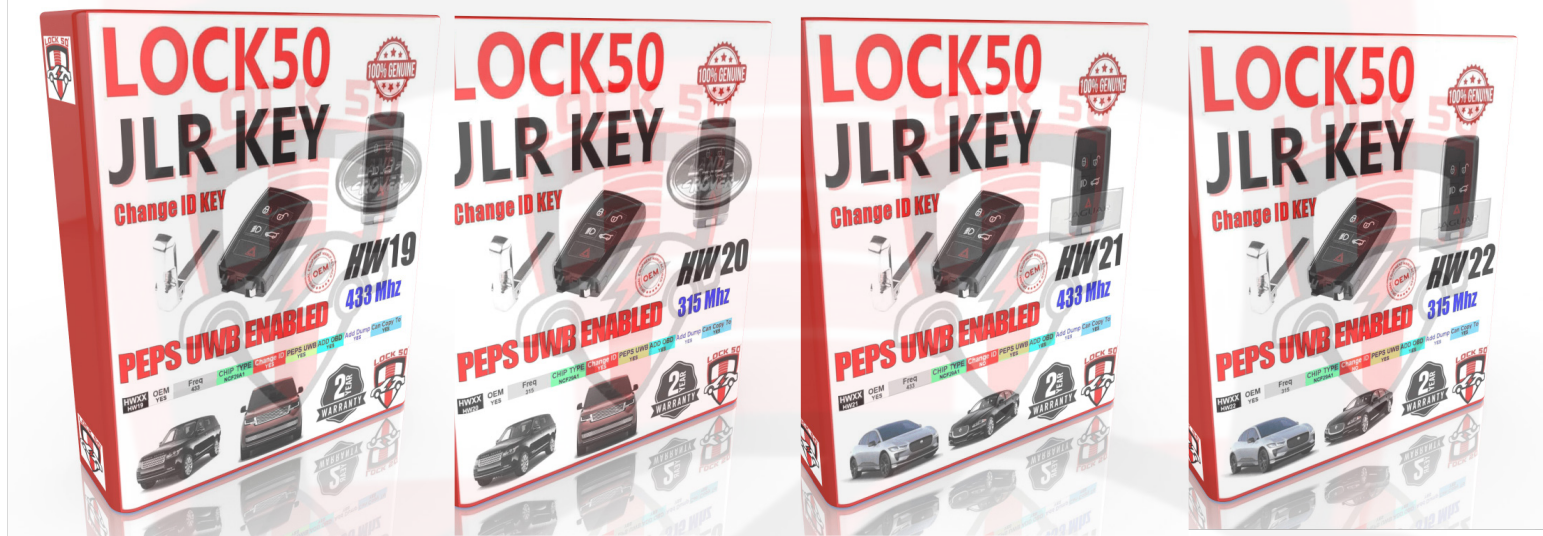


**Change ID
Lock50 2017+
to 24+ Non
OEM Non
PEPS**

**Use Cheapest Non OEM Keys with Change ID
Tech from Lock50 with HW04-C Till 24+**

HW04-C Users Key Choices

Coming Soon Exclusive to Lock50 HW04 Users the Ability to Use Oem or Non Oem Keys Till 24+ Change ID Lock50 2017+ to 24+ OEM PEPS



HW04-C Users can use the OEM PEPS Keys with Change ID Lock50 Tech All Models 2017+ to 24+

The Change ID Keys for HW04-C is a Revolution as never before you can Offer OEM Grade Keys to Clients that you can Learn to Vehicles without the Need to Change any Parts like RFA BCM or TCU

2017+ RFA + MCU Reading Tools



All the Drama Started in 2017 due to the Release of this New MCU SPC560B60L3 and was chosen by JLR to be at the Heart of thier RFA previosuly known as the KVM for the Vehicles Keyless Security system.



The Usa Canada Market has Unlocked RFA Chips inside the RFA where the Dflash 64 KB file can be Extracted that has the Key Data Encoded in side it.



The Rest of the World has this Mcu Locked and the Dflash File cannot be Read unless 0 or 1 Key has been Added the RFA and until 2 or more keys are written to the RFA it does not Lock the Chip. You can Dump the Unlocked Chips with the HW03 Solder free Adapter in Seconds with HW53 Programmer

USA Canada

HW04-A + HW01 Package Deals with Keys

Revolutionize JLR Car Key Programming with the Lock50 HW04-A + HW01 Key Tool Full Package

In the dynamic realm of automotive technology, offering a complete array of features for All key Lost programming for 24+ Vehicles from the renowned luxury car brand Land Rover & Jaguar.



Alarm OFF Till 24+ Using HW01 via RFA MCU Dump
ADD Spare or Remove Lost Keys under 1
Minute OBD with HW04-A

LOCK50 HW04-A OBD TOOL



- Simple to Use
- Fast Under 60 Seconds
- Add OEM Keys
- Remove Lost Keys
- Support 24+ Models
- Safe Reliable Tool

USA Canada JLR has Unlocked RFA Modules.

JPLA-19H440-CE 2017 - 2021

K8D2-19H440-BB 2019 - 2022

K8D2-19H440-BC 2019 2022

M9R3-19H440-BD 2021 - 2024+

Common Parts Numbers you will Find in the USA/Canada Market.

USA/Canada clients with HW04-A with HW01
can Learn Keys in Record time with Full function
& use OEM Keys.

USA MEGA DEAL

Lock50 USA CANADA MEGA DEAL

**SDD + Pathfinder + Topix Cloud 12 Month + Unlimited CCF Editor + Seed code Calc
Lock50 HW04 OBD 2017 - 23+ Key Programmer + HW01 ALARM OFF 2017 - 23+**



**Limited Time
Pre Order Deal
2010 to 2023+
JLR All Smart Keys
Spare or Lost Keys
+ ALARM OFF**

*Deals with JLR Dealer tool Softwares and Hardware
Package Deals with
HW04-A + HW01 Ready Setup Configured Have
Best of Both Worlds with Powerfull JLR Key
Programming Tools and Dealer Diagnostics with
Support to 24+*

LOCK50 HW04-B OBD TOOL



- Add OEM Keys
- Remove Lost Keys
- Support 24+ Models
- Safe Reliable Tool
- Supports NEW RFA Replacement Programming + Write Vin Functions
- Flash New Virgin RFA Modules to Add New Keys to Vehicle
- Backup Dealer Tools
- Bonus New RFA in Kit

Wordwide JLR has Locked RFA Modules except in USA & Canada

JPLA-19H440-DE 2017 - 2021

K8D2-19H440-BB 2019 - 2022

K8D2-19H440-BC 2019 2022

M9R3-19H440-BD 2021 - 2024+

Common Parts Numbers you will Find in the Worldwide Market Where the RFA will be Locked .

Wordwide clients with HW04-B with HW01 can Learn Keys after Replacing with a New Unlocked RFA with Full function & use OEM Keys.

LOCK50 HW04-C OBD TOOL



- Use the Change ID Keys to Add 2 types of OEM or 1 type of Non Oem Keys.
- Offer 3 Types of Key Choices
- **Support 24+ Models Alarm OFF**
- Program keys without replace any Security Modules
- Flash New Virgin RFA Modules to Add New Keys to Vehicle if RFA was Missing
- Alarm OFF Possible even when RFA is Missing and TCU is Missing
- Backup Dealer Tools in Kit
- **No Need Replace RFA**
- **No Need Unlock BCM or Replace BCM**
- **No Need Replace TCU**

Revolutionize JLR Car Key Programming with the Lock50 HW04-C Tool Full Package

More than just a key programmer, Lock50 HW04-C Tool Full Package is a holistic solution for those seeking total control over their vehicle's security. From seamless key generation to advanced features like

Alarm OFF Support to 24+ when RFA BCM TCU is Locked

This tool is engineered to make key programming an intuitive and effortless process.

Key Features of Lock50 HW04-C Tool Full Package

Effortless Key Generation:

- **Effortless Key Generation:** Say farewell to complex coding. The Lock50 HW04-C Tool guides users through the key programming process step-by-step, ensuring accessibility even for those with limited technical expertise.
- **Dealer-Level Access:** Break free from reliance on expensive dealerships. This tool empowers users to generate and **program aftermarket or genuine dealer keys**, granting complete control over car access.
- **Wide Compatibility:** Covering an extensive range of models Land Rover & Jaguar ensures comprehensive coverage for your prized vehicles.
- **Alarm OFF 2010 to 24+ Models:** Experience precision in key programming with advanced HW04-C Online auto Updates, ensuring accuracy in generating keys for future Models 24+.
- **Enhanced Security:** Security is paramount. The Lock50 HW04-C Tool employs advanced encryption protocols to safeguard your vehicle's data, preventing unauthorized access and ensuring peace of mind.
- **Simplified Life:** So Long as the Vehicle is 2017+ and with PEPS UWB Keys you dont need to Carry any Parts like BCM RFA TCU for spare or All lost keys even when the Alarm is Activated with support to 24+ Vehicles.
- **No need Vin number of Vehicles and no need search EPC** to know about Parts numbers of Modules before Take on Jobs.

Key Features of Lock50 HW04-C Tool Full Package

Effortless Key Generation:

- You can say yes to more Jobs and respond faster as u you dont need any new RFA BCM or TCU.
- You can Give 3 Types of Keys and give your clients multiple options for Non Oem or OEM non PEPS or OEM PEPS like for like to dealer.
- No Inventory Required: Except Lock50 Keys.
- No Need to worry about swapping any modules and without requiring any other Tools or Logins or Services

Making you fully Independant and able to repsond faster to Emergency Response and out of hours Jobs when Dealers are Closed & Others are Still searching EPC for part numbers to check thier stock levels.

Lock50 JLR Keys Matrix

HWXX	OEM	Freq	CHIP TYPE	Change ID	PEPS UWB	ADD OBD	Add Dump	Can Copy To
HW02	NO	None	PCF7953	YES	NO	No	YES	YES
HW05	NO	433	PCF7953	YES	NO	YES	YES	YES
HW06	NO	315	PCF7953	YES	NO	YES	YES	YES
HW07	YES	433	PCF7953	YES	NO	YES	YES	YES
HW08	YES	315	PCF7953	YES	NO	YES	YES	YES
HW09	YES	433	PCF7953	YES	NO	YES	YES	YES
HW10	YES	315	PCF7953	YES	NO	YES	YES	YES
HWXX	OEM	Freq	CHIP TYPE	Change ID	PEPS UWB	ADD OBD	Add Dump	Can Copy To
HW11	YES	433	NCF29A1	YES	NO	YES	YES	YES
HW12	YES	315	NCF29A1	YES	NO	YES	YES	YES
HW13	NO	433	NCF29A1	NO	NO	YES	YES	YES
HW14	NO	315	NCF29A1	NO	NO	YES	YES	YES
HW15	YES	433	NCF29A1	NO	YES	YES	YES	NO
HW16	YES	315	NCF29A1	NO	YES	YES	YES	NO
HW17	NO	433	NCF29A1	NO	NO	YES	YES	NO
HW18	NO	315	NCF29A1	NO	NO	YES	YES	NO
HWXX	OEM	Freq	CHIP TYPE	Change ID	PEPS UWB	Add OBD	Add Dump	Can Copy To
HW19	YES	433	NCF29A1	YES	YES	YES	YES	YES
HW20	YES	315	NCF29A1	YES	YES	YES	YES	YES
HW21	YES	433	NCF29A1	YES	YES	YES	YES	YES
HW22	YES	315	NCF29A1	YES	YES	YES	YES	YES
HW23	YES	433	NCF29A1	NO	YES	YES	YES	NO
HW24	YES	315	NCF29A1	NO	YES	YES	YES	NO
HW25	YES	433	NCF29A1	NO	YES	YES	YES	NO
HW26	YES	315	NCF29A1	NO	YES	YES	YES	NO
HW25	YES	433	NCF29A1	NO	YES	YES	YES	NO
HW26	YES	315	NCF29A1	NO	YES	YES	YES	NO

You can Quickly know the Differences in Lock50 JLR Keys and thier Lock50 Part Numbers for Quick Ordering

Lock50 Range of ToughBooks



HW80 CFD1
Dual Core 4Gb RAM
240 SSD Disk Tablet PC



HW82 CF53
Quad Core 8Gb RAM
480 SSD Disk Laptop



HW83 CF53
Quad Core 8Gb RAM
1 TB SSD Disk Laptop



HW84 CF53
Quad Core 16 Gb RAM
2TB SSD Disk Laptop



HW86 CF-20
Panasonic Toughbook Tablet
CF-20 Dual Webcam 8GB
256GB SSD Win 10



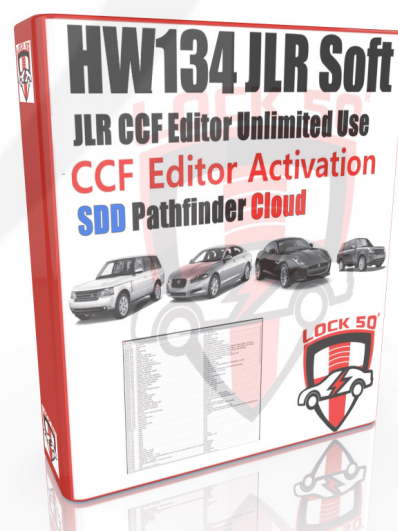
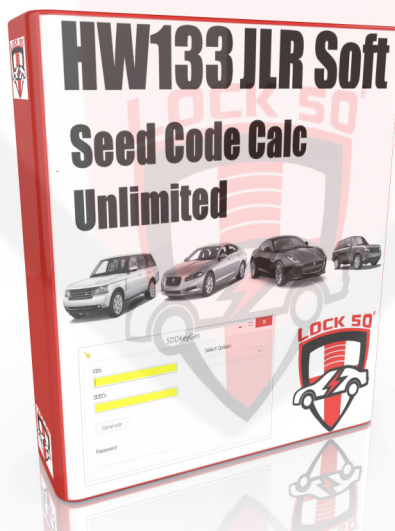
HW87 FZ-G1
Panasonic Toughbook
FZ-G1 8 GB RAM 240 SSD
Win 10 Touch Screen



Lock50 Range of Dealer Tool VCI + Dealer Softwares Activation + Setup



*Dealer Diagnostics
Solutions for JLR
Worldwide CCF
Coding + Module
Programming +
Keys 24+*



About Lock50 Team

Lock50 Team is Backed by Oliveston Ltd a UK Company since 2015.

Development began 2 Years ago and The release of the Latest OBD Tools is set for Release at the end of the First Quarter of 2024

Revolutionize JLR Car Key Programming with the Lock50 Range of JLR Car Keys & Car key Programming Tools with Optional Dealer Tool Kits for the most Comprehensive Packages in the World for JLR Key and diagnostics & JLR Module Programming Tools.

Lock50 Team rewrite the Rules & Bring You the World First Game changing Products for the Last 2 Years Already.

Where we come from there is no Box and is no need think outside the Box and we are never in the box in the first place .

This allows us to think in ways that get you connected to the heart of the JLR Systems while others are looking for the pulse in the wrists.

All 2010 to 2024+ JLR BCM RFA TCU Security Systems. Supported in the Most Comprehensive Pro Tool HW04