ORIGEN

IT STARTS
WITH THE KEY



QUICK START GUIDE



PLEASE FOLLOW THESE INSTRUCTIONS WHEN USING YOUR LK ORIGEN™ KEY MACHINE

1. Operate the machine on the supplied power charger (24V/5A DC) only. Incorrect voltage may damage the motor.

2. Always enter the correct key data and bitting information before cutting.

3. Replace the cutter regularly.
   A worn or dull cutter can reduce cutting accuracy.

4. Cutting accuracy depends on the key blank material. Select the correct speed and cutting settings, especially for hardened keys.

5. Always operate the machine on a stable surface.
   Clean with a brush between key cutting and keep moisture away from the machine.

6. When operating from a vehicle via a power inverter, keep the vehicle running while the machine is in use.

7. For more training videos or user bulletins please Scan the QR Code on the inside rear cover

Safety Instructions

General Safety

1. Read and understand all instructions before operating the machine.

2. Failure to follow these instructions may result in injury, machine damage, or property damage.

⚠ Warning: Risk of machine damage or minor injury.

❗ Danger: Risk of serious injury.

Electrical Safety

❗ Do not use damaged power cords, plugs, or outlets.

❗ Disconnect by pulling the plug, not the power cord.

❗ If the machine produces unusual noise, vibration, or smell, stop operation immediately and disconnect power.

⚠ Use only power outlets rated for the machine load.

⚠ Disconnect power when the machine is not in use.

⚠ When using a vehicle inverter, fit a 10A fuse and keep the vehicle running during operation.

Installation Safety

❗ Do not install the machine where it may be exposed to water, moisture, dust, oil, or debris.

⚠ Do not install near heat sources.

⚠ Mount the machine on a stable, level surface to prevent vibration and ensure accurate cutting.

Safety Instructions

Usage Safety

- Keep hands, clothing and loose items away from the cutting area while the machine is operating.
- Keep the cutting vise and machining area clear at all times. Do not place foreign objects in the cutting area.
- Stop using the machine immediately if it overheats or operates abnormally. Keep water and moisture away from the machine.

Additional Safety

- Do not disassemble or modify the machine. Contact your dealer for servicing or repairs.
- Keep children away from the machine. For adult operation only.
- In cold conditions, allow the machine to reach at least 0°C before operation.

Attention

- Do not touch the screen with sharp objects. The screen may be damaged.
- The decoder is a consumable part. Handle with care and replace if damaged or worn.
- Damage to the decoder is not covered by warranty.

PART NAMES


Shield
Display Screen
Power Switch
Cutter
Swarf Tray
Decoder

PART NAMES



PART NAMES

COMMAND TABLET

Power Switch (Hold 3 secs)



Power port Connection





POWER



Turn On (Twist Clockwise)



Turn Off (Press In)



- Connect the power adapter.
- Turn the switch clockwise to power on.
- Press the switch to power off.

Setting Up the Screen



The LK ORIGEN screen is folded flat for transport.

1. Lift the screen from its folded transport position.



2. Once the Screen Support bracket can be seen

- Fold down the Screen support bracket.
- Slide the bracket until it locks into the “A” locators.

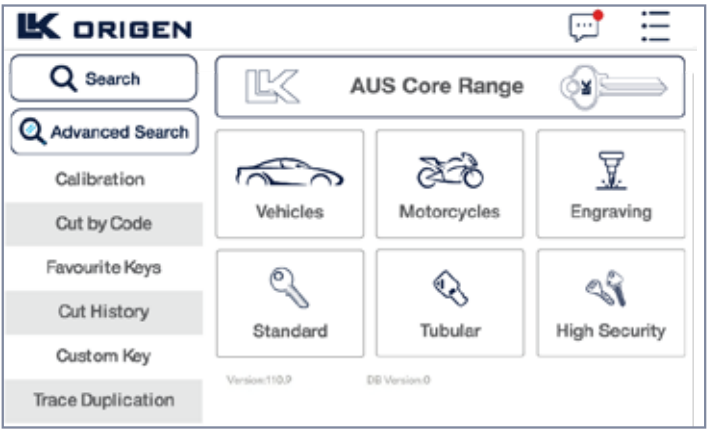




CAUTION: Do not pull the screen past this position. Doing so may damage the internal wiring.

NAVIGATION

MAIN MENU





THE KEYS YOU CUT EVERYDAY

- Built for Australian locksmiths
- Common residential & commercial profiles
- Traditional V-cut capability (using End-Mill Technology)
- Australian terminology built in
- Local knowledge included





POWERFUL SEARCH

FIND THE KEY FAST

Quick Search by:

- Key Blank
- IC Card
- SILCA Card

Advanced Search with limited info:

- Key Manufacturer
- Lock System
- Lock manufacturer information.

NAVIGATION

Vehicle & Motorcycle Database



Vehicles

- Extensive global vehicle & motorcycle coverage
- Comprehensive Chinese vehicle database
- Search by Make, Model & Year
- Instantly identify the correct key profile
- View key images, key ID, cuts, code series, key blanks & ISN



Motorcycles

Key Generation Features

- Decode & Cut functionality
- Adjustable cutting parameters
- Partial Cut Search
- Code Search
- Key Image reference
- Cutting Tree support
- Ideal for efficient key generation & AKL workflows
- Expanded Australian vehicle database



Standard

- Includes Australian-specific key profiles
- Residential & light commercial key coverage
- Extensive code series database
- Fast key identification & code lookup



Tubular

- Dedicated GEM key database
- Popular Australian GEM key profiles included
- Integrated code series information
- Fast tubular key generation
- Simplifies key identification & production



Engraving

- Intuitive engraving function
- Engrave text, logos & artwork
- Personalise keys, cylinders & ID tags
- Ideal for restricted key systems
- Asset marking & customer branding
- Dedicated engraving jaws available
- Optional Oval Cylinder Engraving Jig
- Fast, simple customisation process



High Security

- Support for restricted, dimple, laser, side-cut, and other specialist key systems.
- Access dedicated key data, visual references, and advanced tools for modern high-security key applications.

NAVIGATION



Special Functions

INTUITIVE SOFTWARE.
DESIGNED FOR LOCKSMITHS.

Calibration

Quick & easy guided Calibration

Cut by Code

Produce keys directly from code using an extensive, regularly updated key code database.

Favourite Keys

Store frequently used profiles for instant access

Cut History

Retrieve previous jobs quickly & easily.

Custom Key

Create & Save custom Key cutting cards for all types of keys.

Trace Duplication

Copy any key from the Original without using the specified cutting card.

Original Lishi Tool

Advanced software integration purpose-built for All Keys Lost (AKL) scenarios.

Use the Original Lishi Tool to visually map lock positions on-screen, then enter decoded bitting data to identify partial cuts and reference the correct code series.

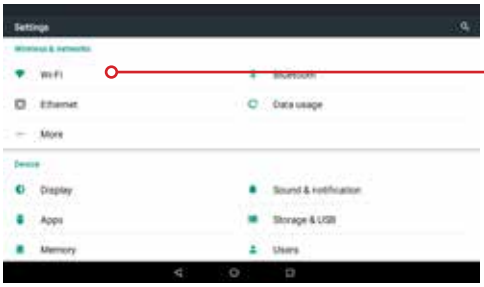
Blade modification

Access a library of common blade modifications, including KD Blade Maker and Toyota/Lexus cut-outs, or create custom profiles with full CNC-style control.

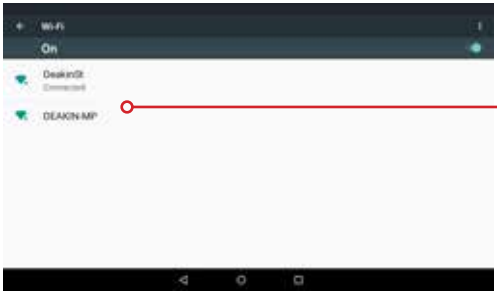
WiFi Connection



Step 1. Tap “Set Up” on the desktop.



Step 2. Tap “Wi-Fi”

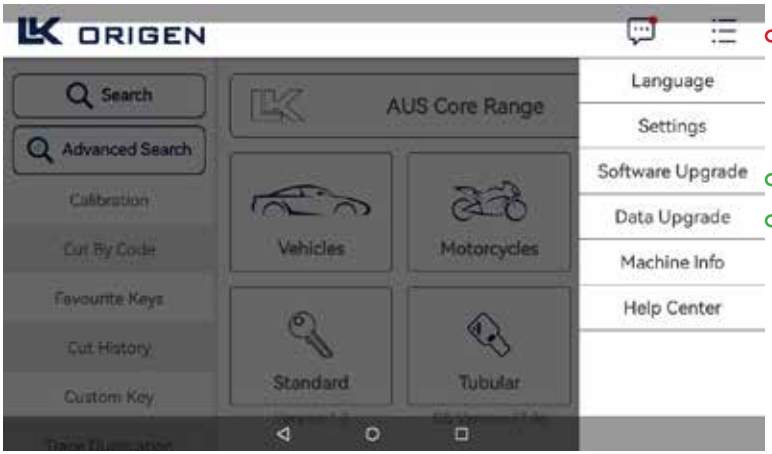


Step 3. Select the required Wi-Fi network from the list.



Step 4. Enter the Wi-Fi password and tap “Connect.”

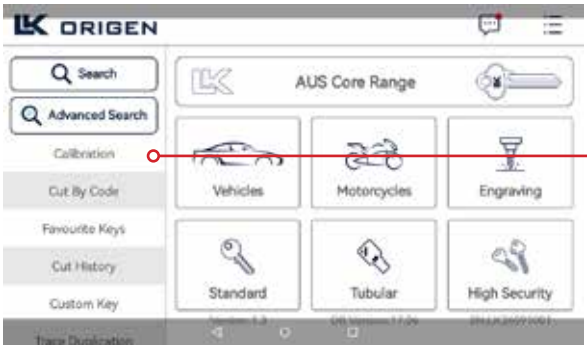
UPDATE



Step 1. Click the far **Right icon**

Step 2. Select **Software Upgrade** & **Data Upgrade** to check for Updates.
Follow the prompts on screen

CALIBRATION



Distance Calibration

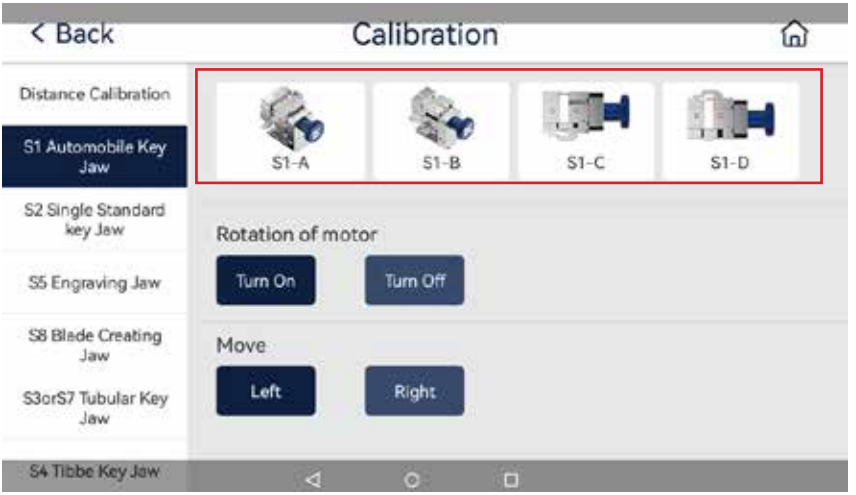
The first sequence is specifically for the Decoder-Cutter distance:

1. Select **Calibration** from main menu.
2. Select Distance Calibration.
3. Select either the **S1-D** or **S2-B** jaw
4. Follow the prompts to calibrate the decoder-to-cutter distance, including changing from the cutter to the decoder when instructed.





CALIBRATION



1. Automobile Key Jaw (S1)

Step 1.
Select Automobile Key Jaw (S1).

Step 2.
Each side of the S1 jaw must be calibrated individually. Select **S1-A** to begin calibration.

Step 3.
When prompted, fit the calibration block, and secure the jaw as shown.
Tap “OK” and follow the on-screen prompts to complete the calibration.

Note: Press the magnification **+** button on the image on screen to show a full screen animation for clear reference.

Step 4.
Once the calibration is complete, repeat this process for **S1-B, S1-C,** and **S1-D.**



CALIBRATION







1. Jaw Calibration (S2, S5 & S7)

Step 1.
The S2, S3, and S5 jaws require calibration. All other jaws do not require calibration.

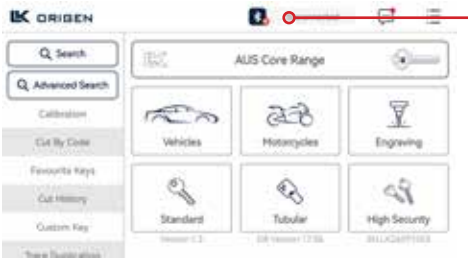
Step 2.
Select the jaw you wish to calibrate (S2, S5 or S7).

Step 3.
Follow the on-screen prompts to complete the calibration process.

Note: Press the magnification **+** button on the image on screen to show a full screen animation for clear reference.



COMMAND TABLET CONNECTION



Step 1.
Power on the ORIGEN machine & select Bluetooth on the COMMAND tablet

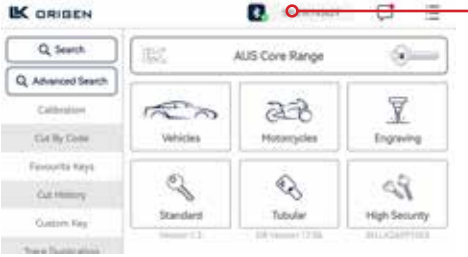


Step 2.
Tap to turn Bluetooth ON & wait for the COMMAND tablet to find the the ORIGEN Machine

Select the available bluetooth device



Step 3. Check the status changes to Connected



Step 4. The bluetooth icon should display a green tick indicating the connection.

Both tablets can now be operated simultaneously to send data to the machine.

LK ORIGEN

Unlock the full potential of LK ORIGEN. Scan for videos, tutorials, updates, and feature demonstrations.

SCAN ME

SCAN TO WATCH

SUBSCRIBE
FOR FUTURE VIDEOS



For Aftersales service & warranty Information please contact

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