AUTEL MaxiIM

TOYOTA 8A BLADE KEY
All Keys Lost Operation Guide
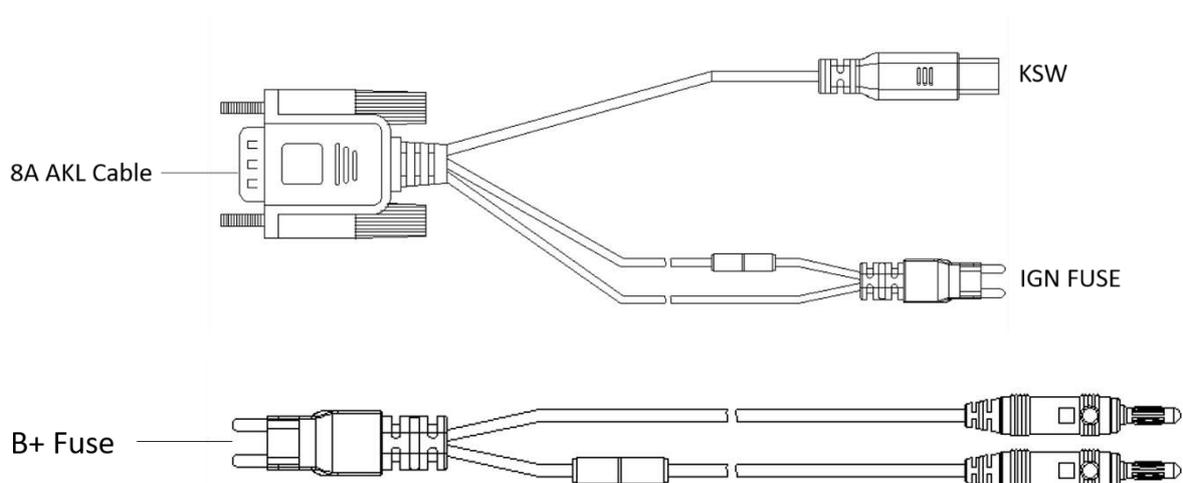
Using a 2016 Toyota Camry as an Example

IMPORTANT

1. Please ensure that the Autel IMMO tablet is connected to the Internet when using the All Keys Lost function.
2. After the function is completed, please restore the original vehicle circuit to avoid vehicle fault.
3. For other models, please check and follow the operation guides and wiring diagrams in their respective menus.
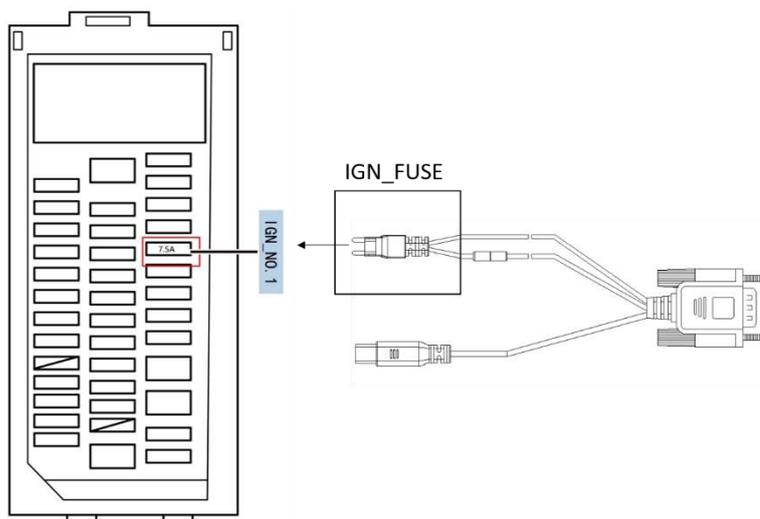
TOOLS YOU NEED

- Toyota 8A Blade AKL Kit
- Autel MaxiIM IMMO Tablet (IM508/IM608/MaxiSys IM)
- G-BOX/G-BOX2
- APB112 Smart Key Emulator
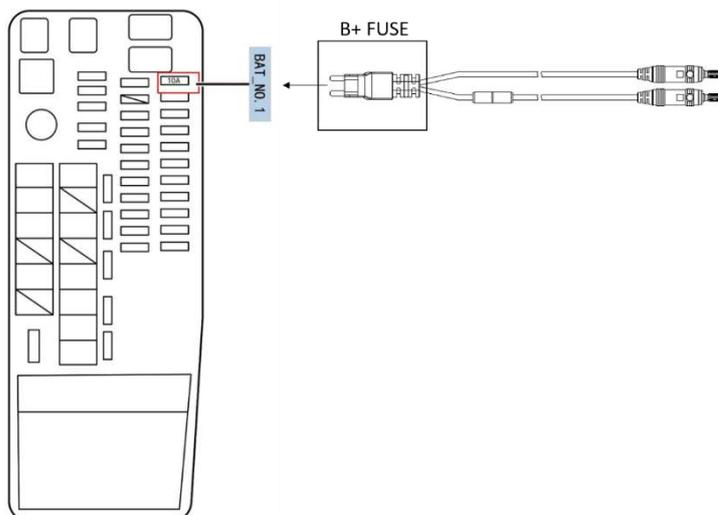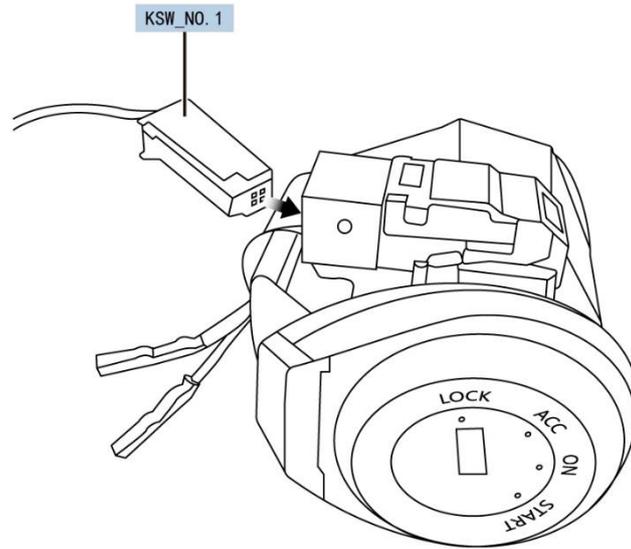
TOYOTA 8A BLADE AKL KIT

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STEPS

1. Power on the tablet, tap **[IMMO]** on the tablet, and select one by one **[Toyota]** – **[Manual Selection]** – **[Camry]** – **[2015-]** – **[Blade Key]** – **[Control Unit]** – **[Immobilizer (H 8A/8E)]** – **[All Keys Lost]**.

2. Find the fuse box near the vehicle's DLC, remove the IGN_NO.1 fuse from the designated fuse slot (see the picture below) on the fuse box, and connect the IGN FUSE to this fuse slot.
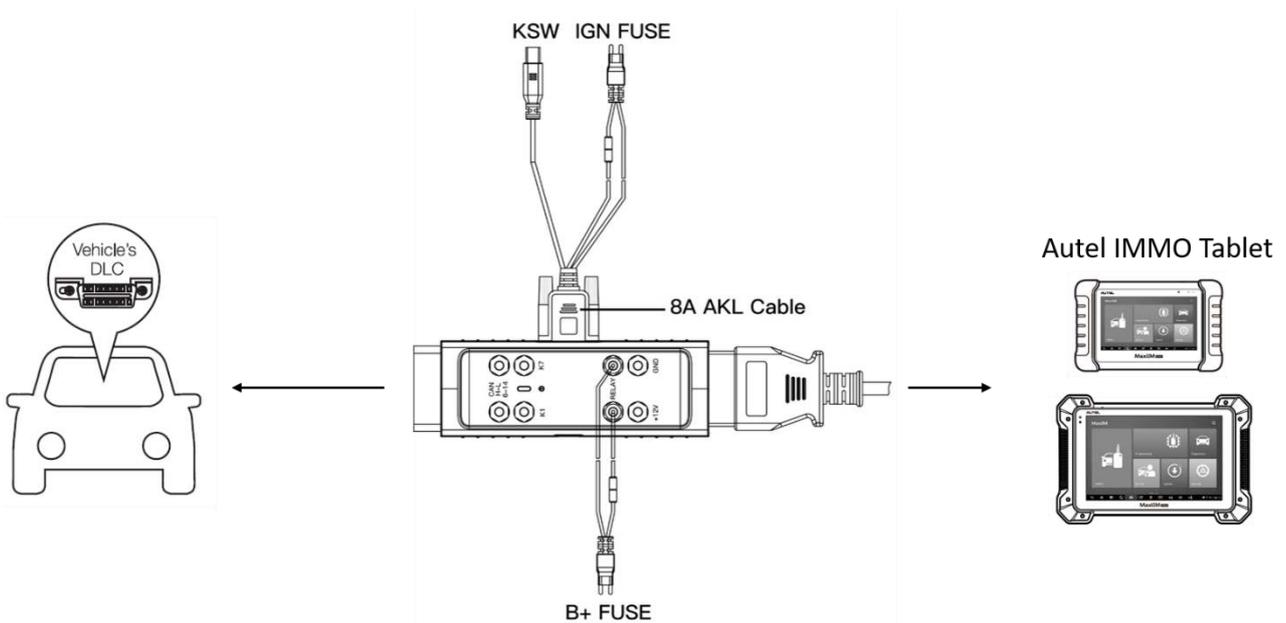

3. Open the hood, find the fuse box in the engine compartment. Remove the BAT_NO.1 fuse from the designated fuse slot (see the picture below) on the fuse box, and connect the B+ FUSE to this slot.
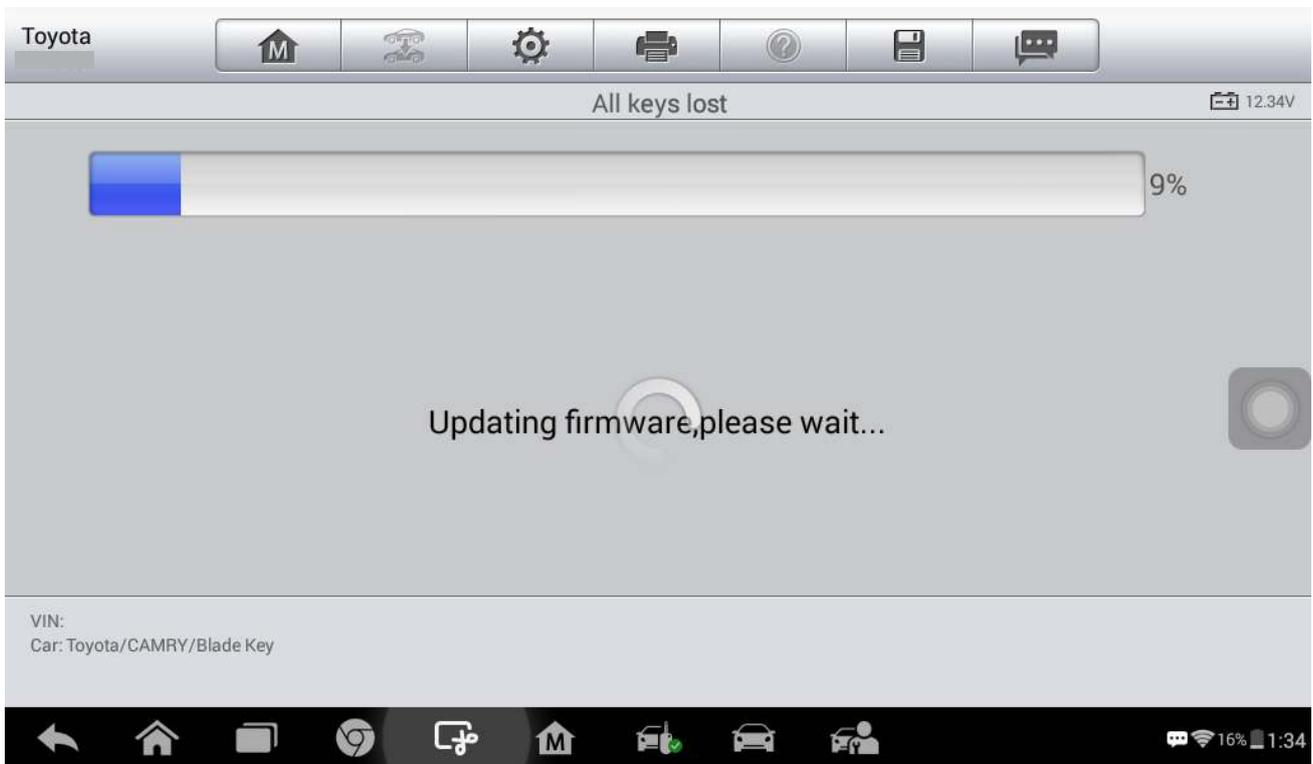

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4. Remove the steering wheel cover, pull out the KSW_NO.1 ignition switch wire harness as shown below and connect the KSW wire harness to the ignition coil.
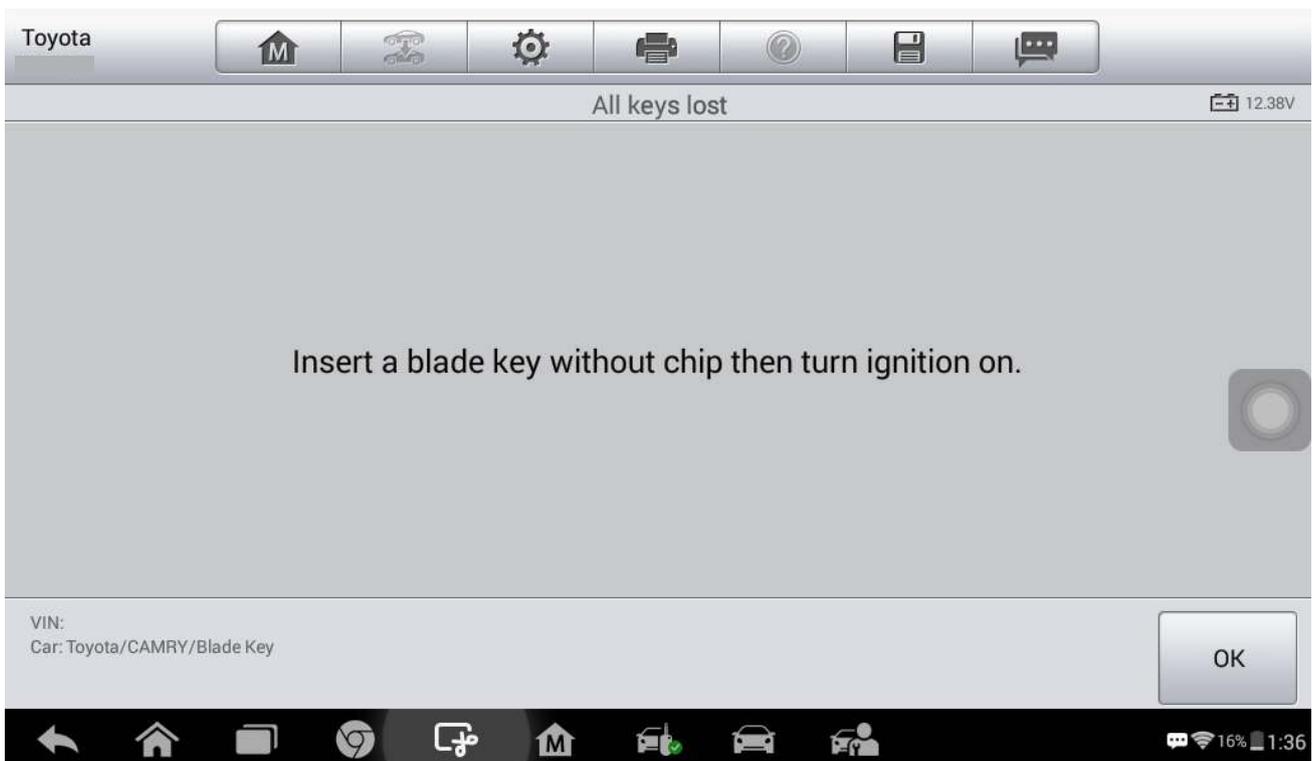

5. Connect the G-BOX to the 8A AKL cable and then to the vehicle's DLC. Tap **[OK]** on the tablet to continue.
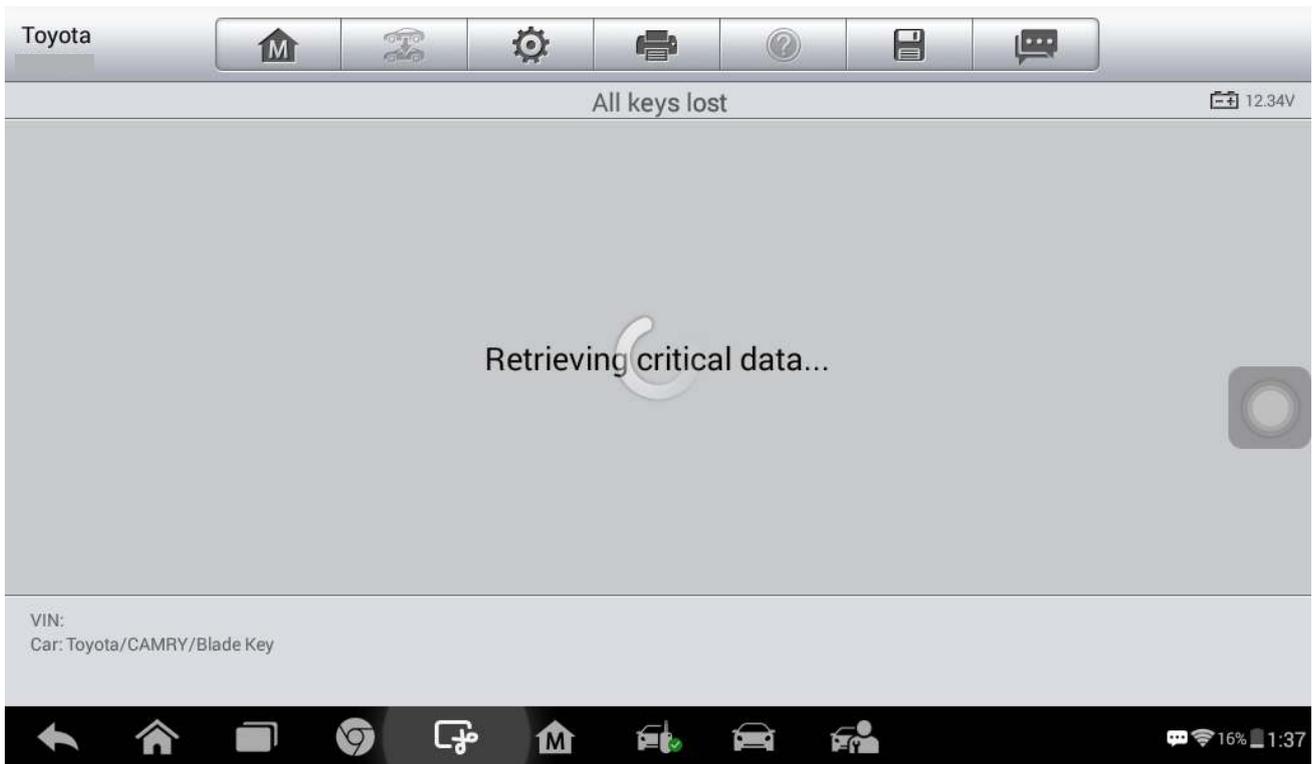

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6. G-BOX will be automatically updated when connected to the tablet for the first time. The status indicator of G-BOX will flash red during updating process, and light green after update succeeds.

Toyota							

All keys lost   12.34V

9%

Updating firmware,please wait...

VIN:
Car: Toyota/CAMRY/Blade Key

16% 1:34

7. Insert a blade key (without chip) and turn ON the ignition.

Toyota							

All keys lost   12.38V

Insert a blade key without chip then turn ignition on.

VIN:
Car: Toyota/CAMRY/Blade Key
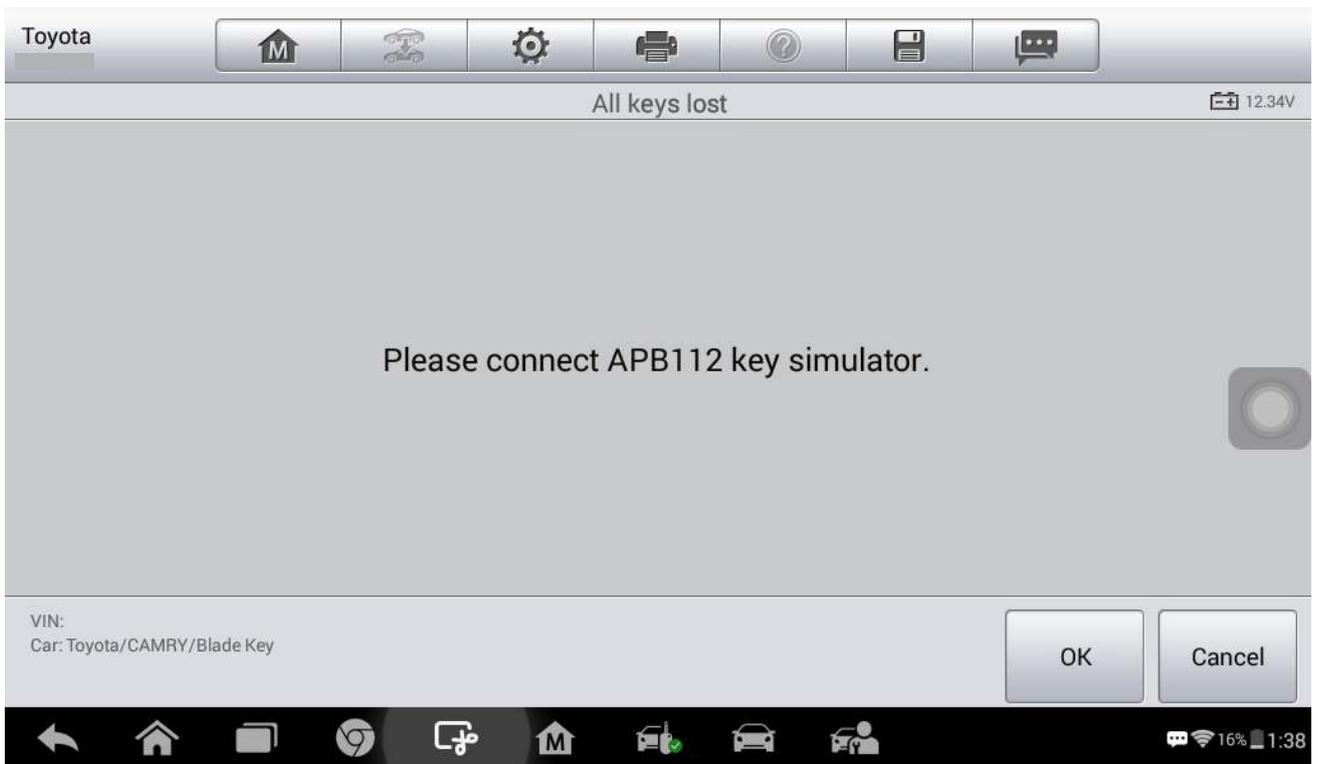
OK

16% 1:36

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8. Tap **[OK]** on the tablet to read the critical data. Data reading time varies from several seconds to several minutes, depending on the specific vehicles.
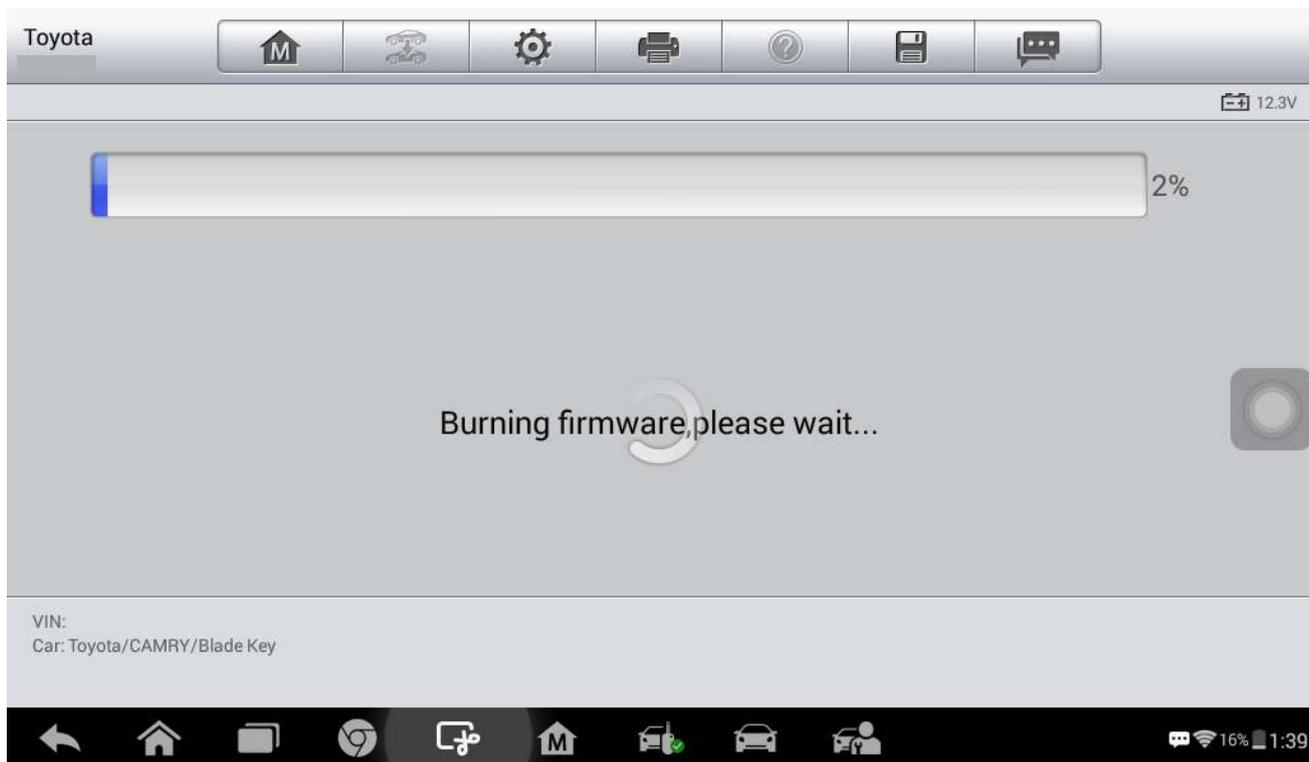

9. Tap **[OK]** to confirm the key type **(SLK6)** displayed on the screen.
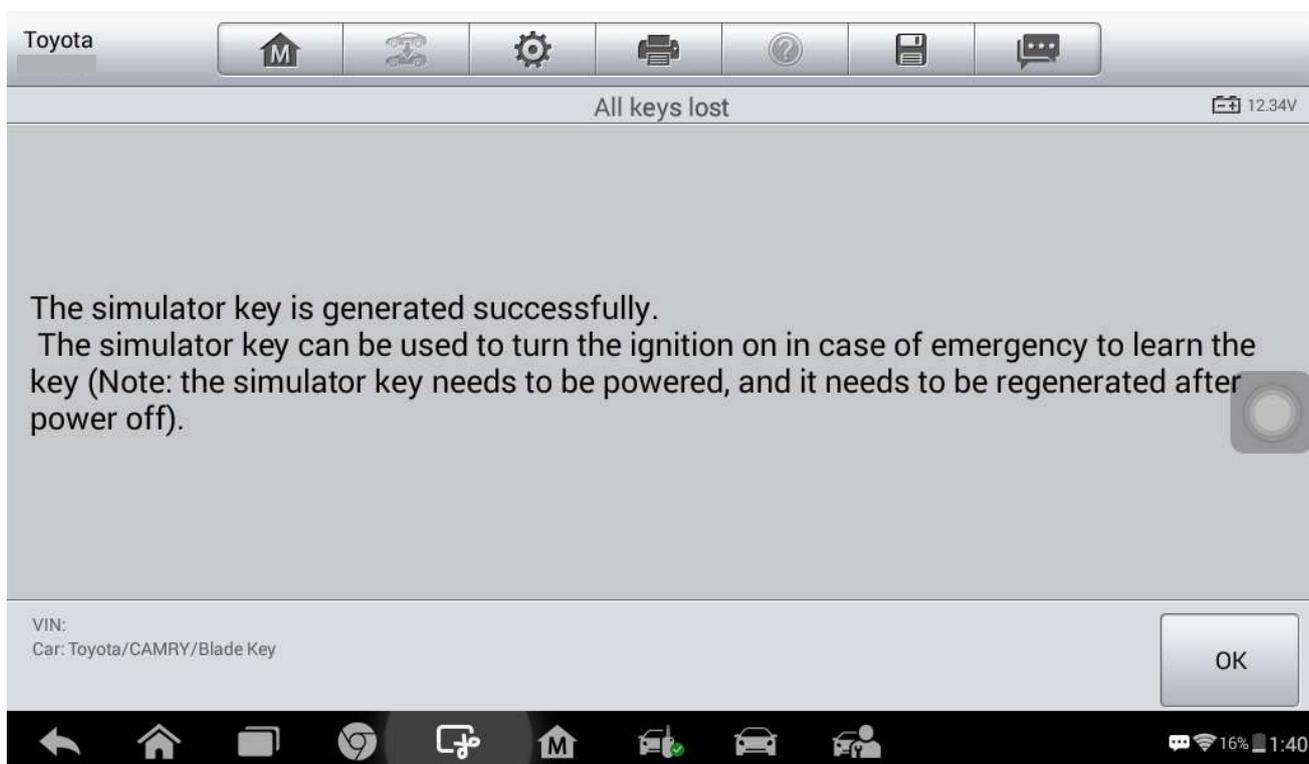
10. Connect APB112 to the IMMO tablet using the USB cable. Once connected, the status indicator will light steady blue, indicating it is working properly. Tap **[OK]** to obtain key information.
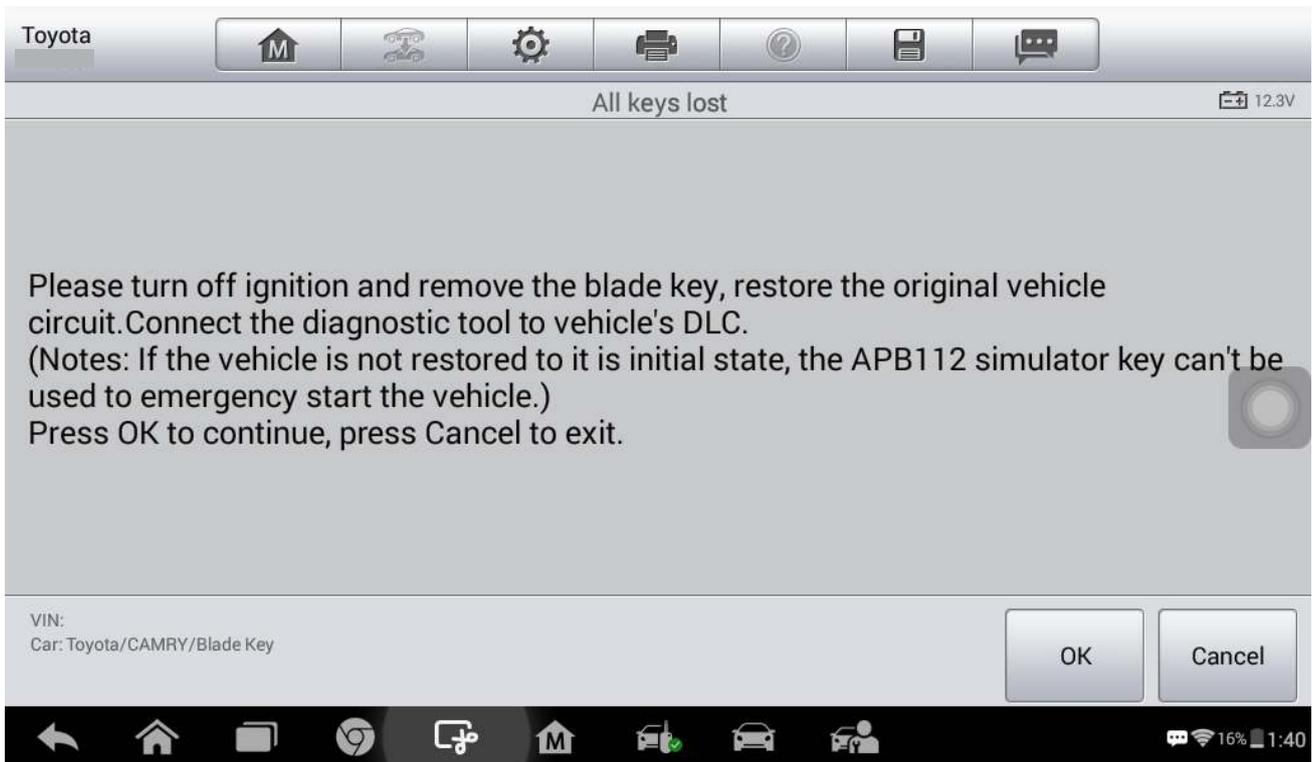
11. APB112 will be automatically updated when doing 8A Key All Keys Lost for the first time.
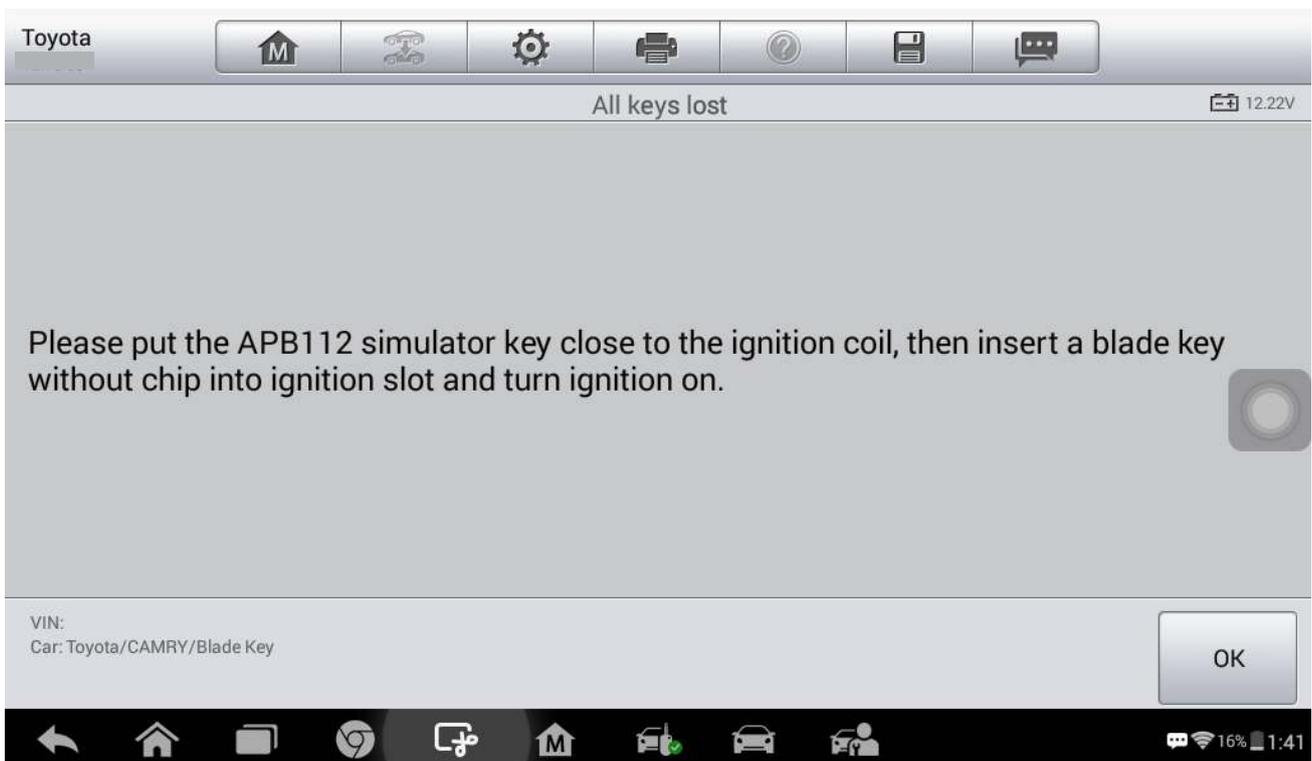
Toyota

12.3V

2%

Burning firmware, please wait...

VIN:
Car: Toyota/CAMRY/Blade Key

16% 1:39

12. The simulator key is successfully generated.

Toyota

All keys lost

12.34V

The simulator key is generated successfully.
The simulator key can be used to turn the ignition on in case of emergency to learn the key (Note: the simulator key needs to be powered, and it needs to be regenerated after power off).

VIN:
Car: Toyota/CAMRY/Blade Key

OK

16% 1:40

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13. Turn OFF the ignition, pull out the key blade. Pull out the B+ Fuse, IGN Fuse and KSW and restore the vehicle circuit.
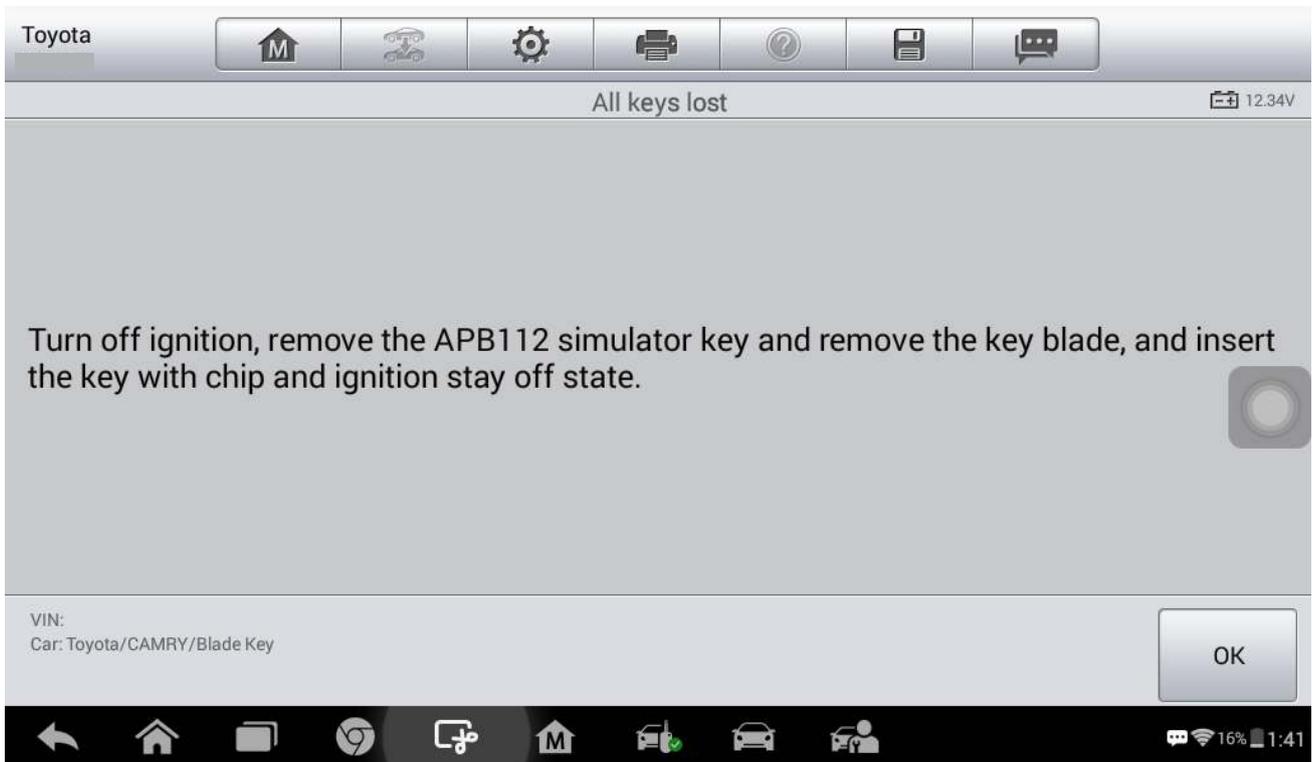
14. Ensure the IMMO tablet is connected to the vehicle's DLC. Put APB112 close to the ignition coil, insert the blade key (without chip) and turn ON the ignition.
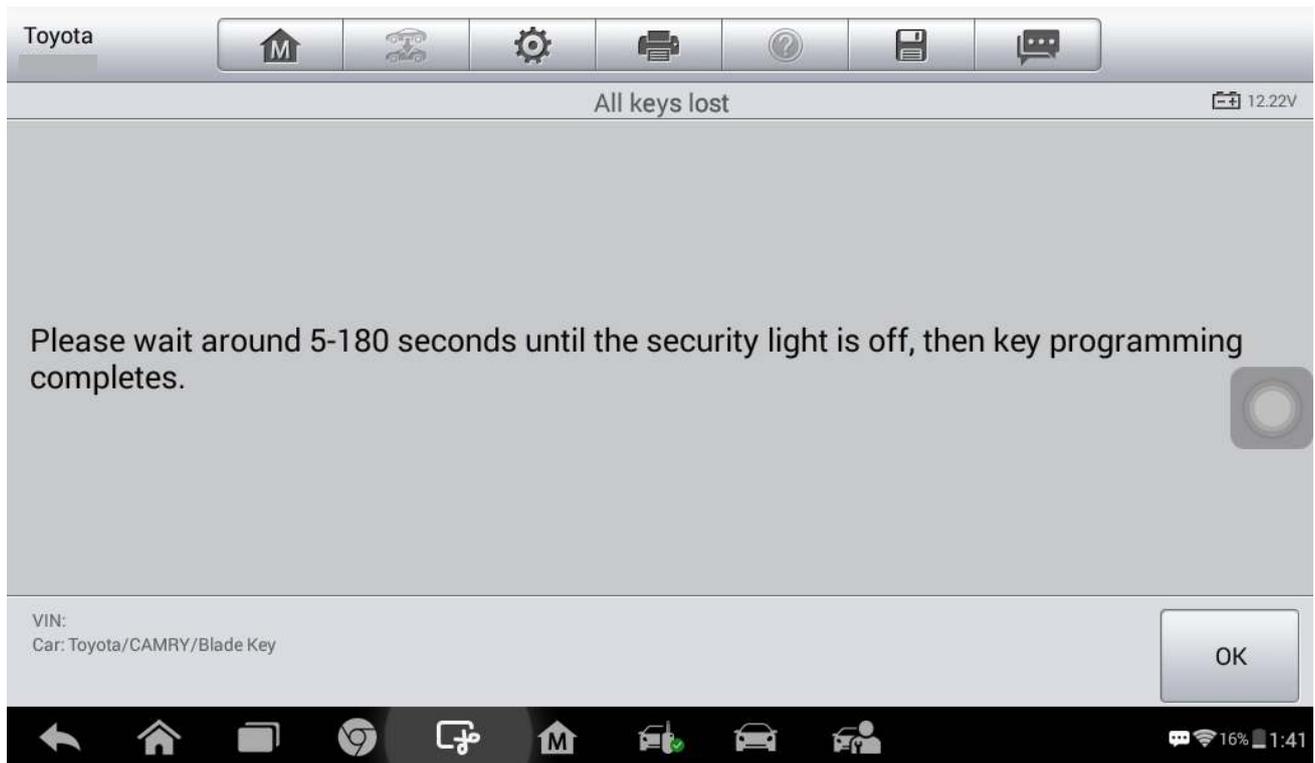
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15. Tap **[OK]** to establish vehicle communication. Turn OFF the ignition, remove APB112 and pull out the key blade.

16. Insert a key (with chip) and ensure the ignition is **OFF**.

17. Wait for 5 to 180 seconds. The key learning is completed when the immobilizer warning light is off.

All keys lost

12.22V

Please wait around 5-180 seconds until the security light is off, then key programming completes.

VIN:
Car: Toyota/CAMRY/Blade Key

OK

16% 1:41

18. Use the new key to start the engine, to check if the new key functions.

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