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## How to use Lonsdor Toyota Lexus Smart Key Emulator for Chip 98 (SKE Green)?

This is Lonsdor Toyota Lexus smart key all key lost [emulator for the chip 98 \(SKE Green\)](#) help file.



This help file basically includes 4 parts: Function, Operation, Attention, and Reference.

## Functions

**Operational process for all key lost**

**Please confirm whether emulator key (SKE) is bound to K518 device beforehand.**

**Backup EEPROM data-> Generate new data-> Dismantle immo box and write new data to EEPROM-> Generate SKE-> Add/delete smart key**

1. Backup original EEPROM immo data.
2. Use backup data to generate new data.
3. System certify and generate new data automatically, and program SKE to become an available key, which can open dashboard, before key programming.
4. Add a smart key.
5. Delete programmed key.
6. Bind emulator key: Require to bind all SKE to K518 for the first use.

## Operation

**Operational process for all key lost**

**Please confirm whether K518 is bound to emulator key (SKE).**

**Backup EEPROM immo data-> Generate new data-> Dismantle immo box and write new data to EEPROM-> Generate SKE-> Add/delete smart key**

### **Backup EEPROM data**

1. This function can backup EEPROM data.
2. System is receiving data, please wait patiently.
3. Please input data filename and save succeed.
4. EEPROM data backup complete, please select "generate EEPEOM data"

function to generate specific data.

### Generate EEPROM data

1. This function can generate EEPROM data for vehicle.
1. Continue to select EEPROM data of smart key backed up before.
2. Searching data... Please input filename of new data.
3. Generating EEPROM data complete. Data saved in K518\file\feature\_1013.

Please write newly-generated data to EEPROM (IC003) in smart immo box of vehicle. More details, refer to "Reference".

**89990-0N010 smart immo box(see below pic)**



**89990-06060 smart box(see below pic)**



Note: Install back smart box when data writing complete.

### Generate emulator key

It's required to write newly-generated data to EEPROM in smart immo box.

Dashboard is lit up after emulator key (SKE) generated.

1. This function can generate a backup master key when all keys are lost, which can open dashboard to add keys.
2. Insert bound SKE(corresponding color/type) into K518 card slot, and press round button on the key.
3. System is building configuration... Please wait patiently.
4. Key generation complete. Please press round button on it and put it against ignition switch of vehicle, and try to open dashboard. If the dashboard is lit up, please use SKE to program and add new keys.

### **Add smart key**

1. Put emulator key or available key against ignition switch and switch ignition ON till dashboard is lit up.
2. System communication, getting info about key numbers...
3. Put registered smart key against start button of vehicle, and remove it when buzzer beeps once.
4. Please put smart key to be registered at start button of vehicle in 30 seconds, and remove it when buzzer beeps twice.
5. Please wait till key registration complete. Operation succeed.

### **Delete smart key**

1. Put emulator key or available key close to ignition switch and switch ignition ON till dashboard is lit up.
2. System communication, getting key numbers...
3. Put back of registered smart key close to vehicle start button, and remove it when buzzer beeps once.
5. System is deleting key... Deleting succeed. Smart key (away from start button) will be deleted.

### **Bind emulator key**

1. This function can bind smart key emulator (SKE-LT series) to K518 host.
2. Please put key to be bound into K518 host slot.
3. System is binding... When complete, continue to program all keys lost.

## **Attentions**

1. Newly-generated data must be written to EEPROM chip in smart box.

Dashboard can be lit up after simulate key is generated.

2. Bind key/generate key: Change placement of simulate key to sense if failed.

98 card smart box is located at back of storage box at passenger seat.



## Reference

<b>Chip type</b>	94/D4(SKE black), 88/A8(SKE red), A9(SKE blue), 39(SKE orange)
<b>Remote control type</b>	Specific smart key
<b>Key embryo No.</b>	Specific smart key
<b>Password required or not</b>	Not required.
<b>Remote control</b>	Generate automatically when smart key programming complete.
<b>OBD position</b>	Under steering wheel
<b>Reference pics</b>	

Smart key appearance for part of Toyota series



**Toyota series:**

2008	Reiz 0111	smart key
2008	RAV4 0111	smart key
2008	Prado 0140	smart key
2008	Camry 0140	smart key
2008	Corolla 0111	smart key
2008	Cruiser A433	smart key
2008	Alfa	smart key
2008	Previa	smart key
2008	Lexus 0140	smart key
2010	Camry 3370	smart key
2010	Prado 3370	smart key
2010	Reiz 5290	smart key
2010	Crown 5290	smart key
2010	Lexus 3370	smart key
2010	Camry 0020	smart key
2012	Reiz 7930	smart key
2012	Crown 7930	smart ky
2012	Prado 7930	smart key
2012	RAV4 7980	smart key
2013	Lexus ES GS IS	smart key
2014	RAV4	2-button smart key
2014	RAV4	3- button smart key
2014	New vios/Yaris L	smart key

**Lexus smart key, select from PCB type:**

89904-30291 (0140 PCB ES350 old ver.)  
89904-50430 (3370 PCB ES240/ES350 new ver.)  
89904-48321 (5290 PCB PX270)  
89904-28132 (0780 PCB 5-button Previa)  
89904-6071 (A433 PCB Cruiser)



	89904-0041(0111PCB RAV4 3-buttonReiz Carola)
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