

Lonsdor K518ISE programs Volvo S40 key and remote key

Function

1. Add key

Common key: add one piece

Smart key: Add one piece

2. Delete key

Key: delete the programmed key. Before deleting the key, please firstly select "Identify key ID" and record the ID info, during this process "The selected key ID will be deleted".

Smart key: Delete all smart keys. If the key available is deleted, you could program it again.

3. Identify key ID

Key: the ID of key available can be identified, please record data.

4. Key unlock:

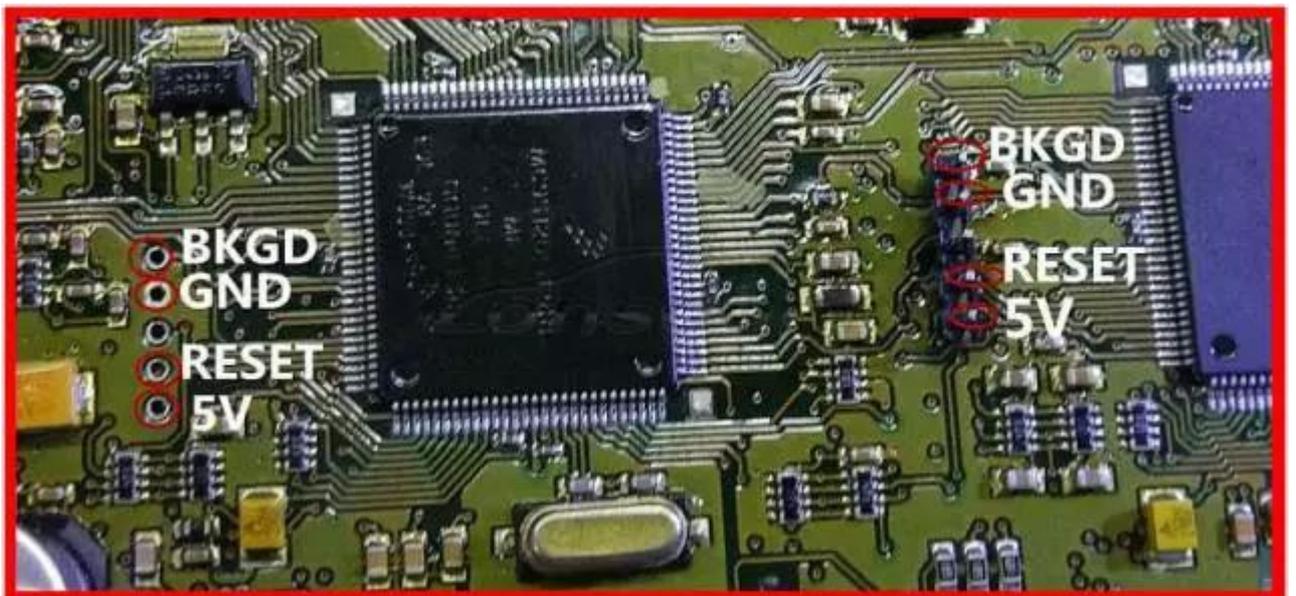
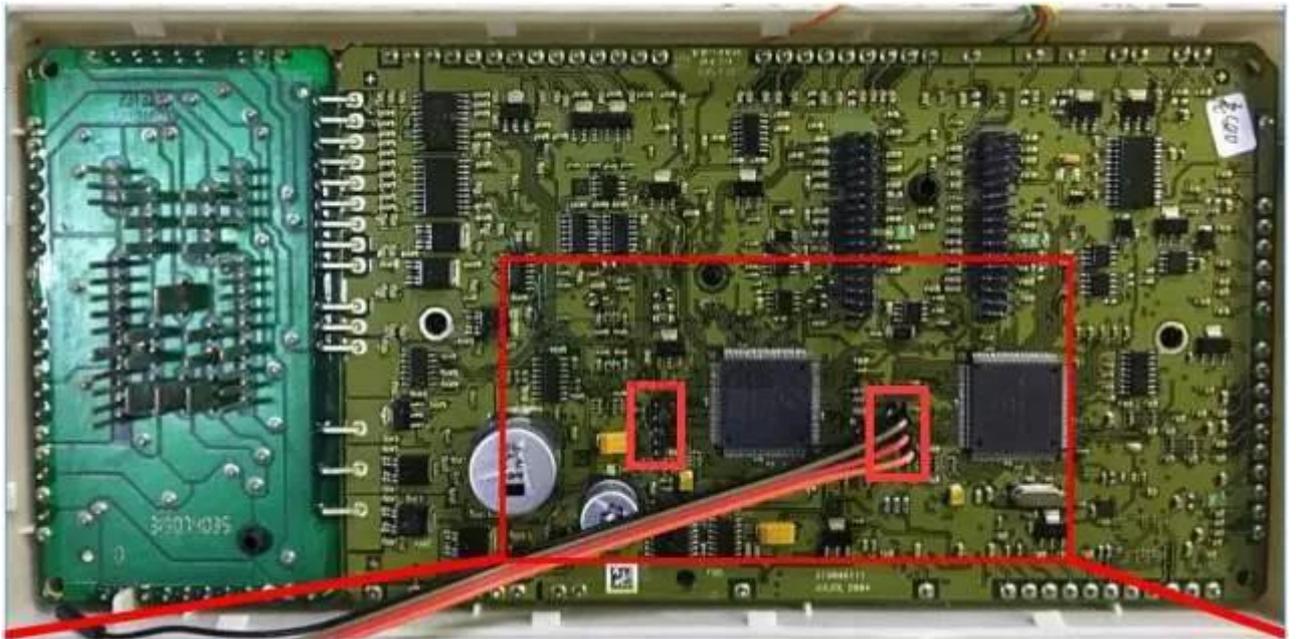
1) Ordinary Key: Lonsdor K518ISE can detect and identify if the key is locked or not, if locked, K518ISE will unlock it. **Note: the key can be unlocked only with the corresponding car CEM security data.**

2) Smart key: Lonsdor K518ISE can detect and identify if the key is locked, if yes it will unlock it. Note: the key can be unlocked only with the corresponding car CEM security data.

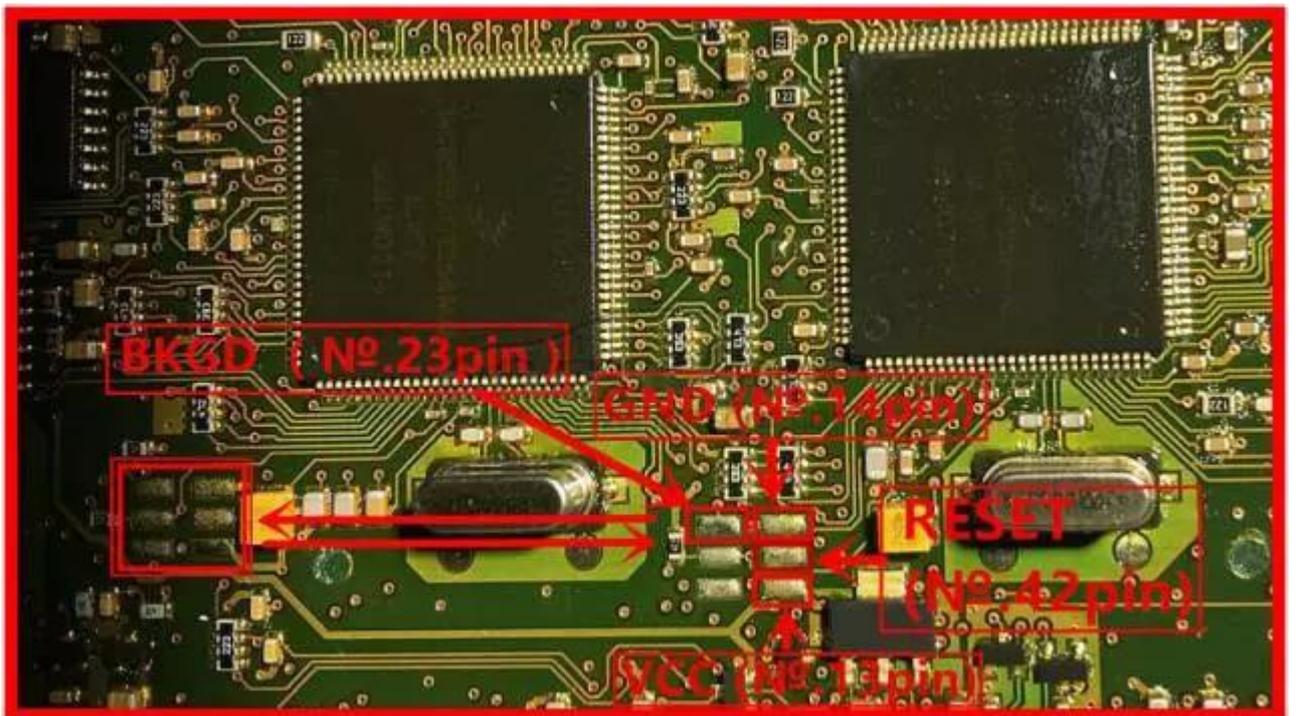
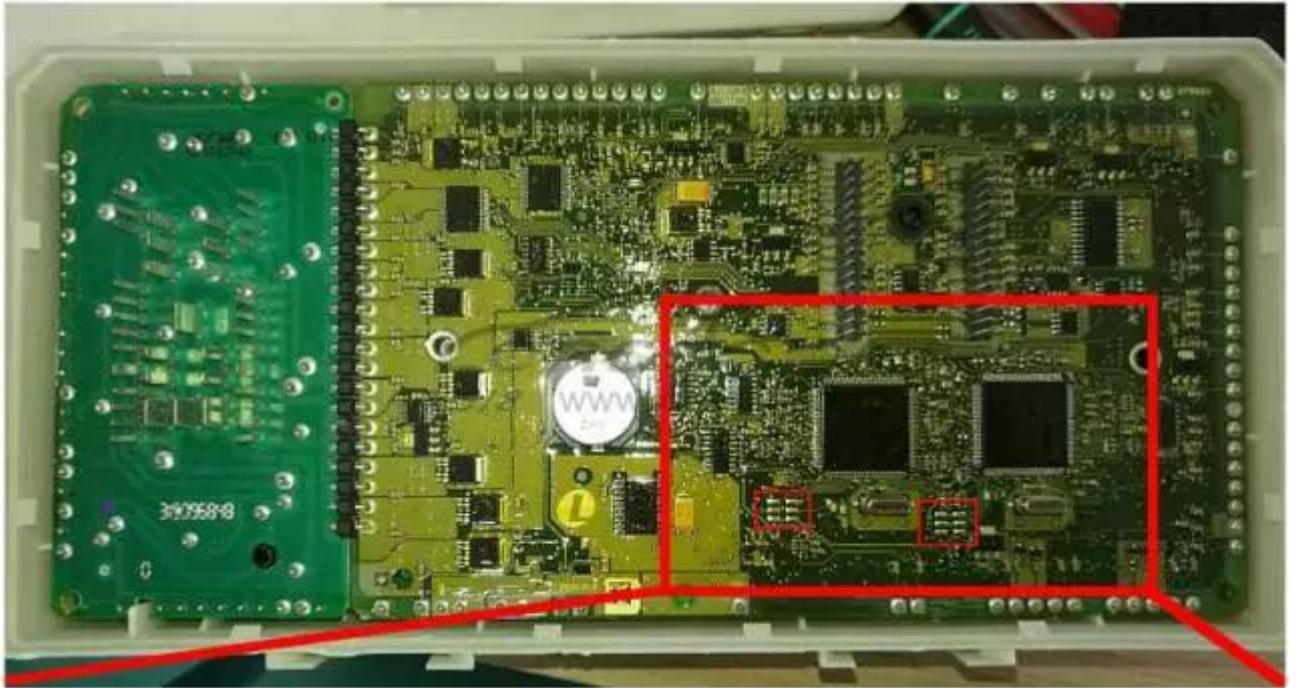
As for "How to identify **full key-less and half key-less**", go for the last part.

1). Please dismantle the CEM (located in front of the passenger seat and the back of the storage box). There are 2 kinds of boxes, and the wiring is different, please follow the below diagram to wire and use K518ISE to read out 2 copies of data from left to right.

The wiring diagram of style-A box



The wiring diagram of style-B box (double 1L15Y wiring diagram, the wiring position on the left is the same as that on the right)



2) After you read out the data, please provide your seller/ engineer with the 2 copies of data and K518ISE serial number, then wait for them to transfer it into special data. After you obtain the data, plug K518ISE to the computer and put the special data into the "customfile" folder for programming.



3) Add key on Volvo S40

Key: to add key, please input the new key's remote ID and remote code (choose 16bit/24bit).

Note: There are 2 types of key (P/L), please confirm the new key' style and packaging are the 100% same as that of the old key.

Smart key: just follow the instruction.

Attention

Key:

1) Delete key: before deleting the key, please firstly choose "Identify key ID" and record the ID info. During this process, "The selected key ID will be deleted".

2) Please be sure to keep the new key box where the printed remote info is required to enter when adding key.

3) If the car has no KVM box (under the driver seat) it has a common key, not remote.

4) During the key programming, you need to enter the remote ID and remote code (select 16 digits or 24digits).

Note: There are 2 types of key (P/L), please confirm the new key' style and packaging are 100% same as that of the original key.

P style:

The remote ID is 8 digits (No. 1 shown as below)

The remote code is 16 digits (NO.2 shown as below)



L-RFK style:

The remote ID is 8 digits (No. 1 shown as below)

The remote code is 16 digits (NO.2 shown as below)



Smart key:

3) Unlock key: the key can be unlocked only with the corresponding car CEM security data.

4)) Delete the programmed key, once been deleted, the original key can be used to the current car, while as it is unlocked, it can't be used on another car.

3) S40 smart key programming doesn't require to dismantle & read KVM.

How to identify full-keyless and half-keyless key?

1) Full-keyless: comes with a coil, marked with "PK" on the packaging and no remote code (see the left picture below)

2) Half-keyless: no coil, marked with "RFK" on the packaging and has remote code of 16 / 24 digits (see the right picture below)



How to identify if the car has **full-keyless key or half-keyless key**?

1) If you can find a KVM box under the driver's seat, it is a smart key, otherwise, it is half-keyless key.

2) For full keyless, there is a plastic model key on the ignition switch(see below), while the half key-less doesn't have that.



Chip type: 48 chip

Remote style: (Normal key) dedicated remote 43 MHz, (smart key): 433MHz;

Key blank number: Dedicated small key No. 24/38

Password requirement: dismantle and read CEM, backup security data, and then program.

Remote generation:

Ordinary key: during key programming, you need to enter the remote ID and remote code, after the key is programmed successfully, then remote is generated.

Smart key: after the remote card is programmed successfully, the remote will be generated automatically.

OBD position: on the bottom left of steering wheel.



Other information

1) car model



2) Key:

during the key programming, you need to input the remote ID and remote code (16 digits or 24digits).

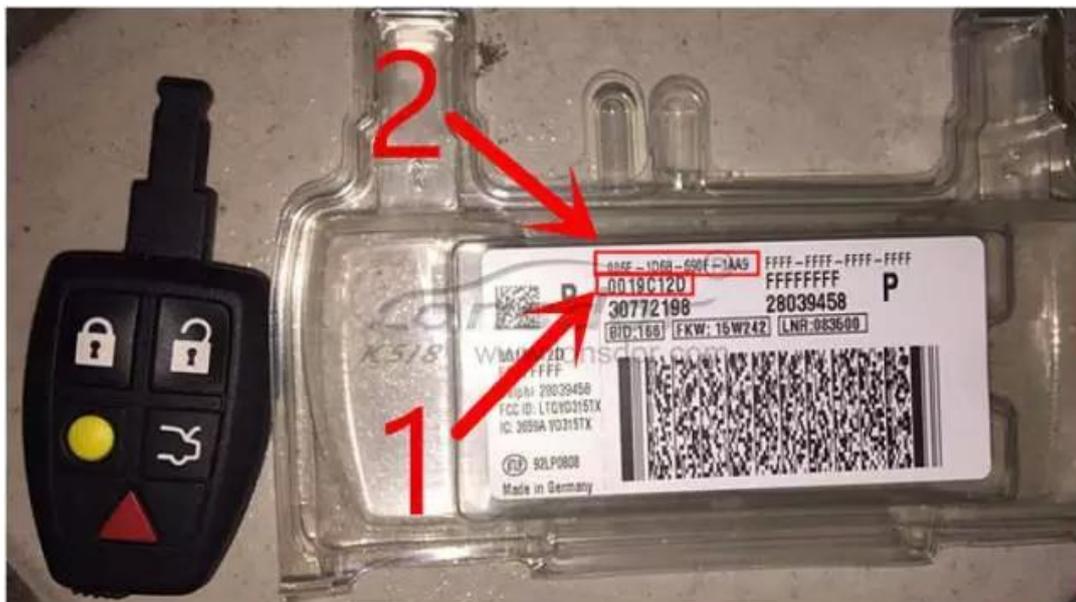
There are 2 types of key (P/L), please confirm the new key' style and

packaging are 100% same as that of the old key.

P style:

The remote ID is 8 digits (see below No. 1)

The remote code is 16 digits (see below No. 1)



L-RFK style:

The remote ID is 8 digits (see below No. 1)

The remote code is 16 digits (see below No. 2)





3) CEM box position (shown as below)



4) Smart key:

You are advised to refer to the original key to select the new key. For example, the L-PK-434 key below is a remote key, which doesn't have remote code of 16/24 digits.

