

Mercedes Benz

Smart Key Programming.

Select car model first :

W202/210



W221/215/
164(Lifting)



W204/212/207



Sprinter/Vito/
ML



W203



W211



What's the problem :

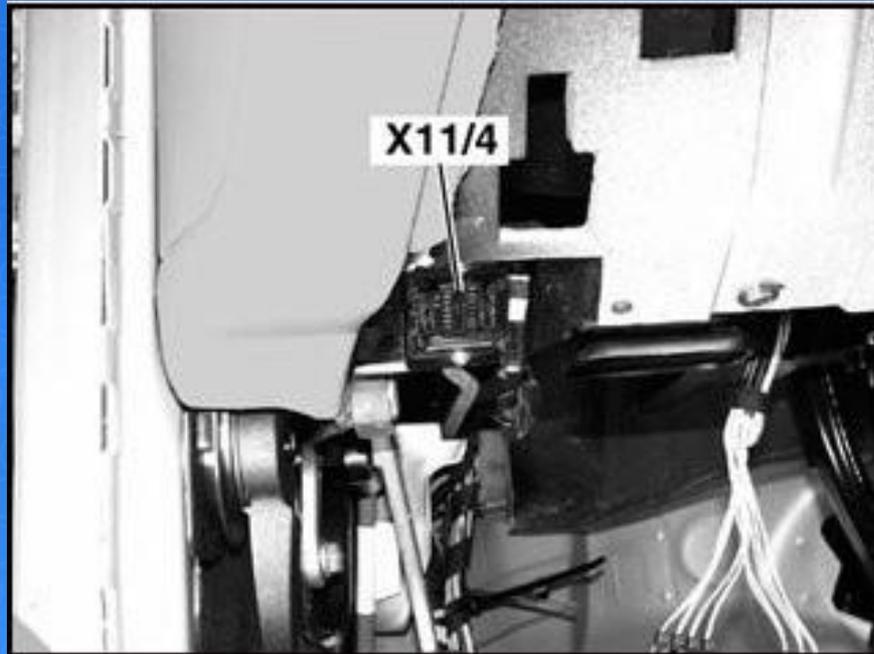
Original key
stopped to
run the car or
you need to
add one more
key

All keys lost

S-class : original key repairing or programming of additional key

Step 1.

Connect the MB Keyprog2/MB Restorer adapter to diagnostic link connector (DLC) of the car



**(WDB220...) –above the parking
brake**

C-class : original key repairing or programming of additional key

Step 1.

Connect the MB Keyprog2/MB Restorer adapter to diagnostic link connector (DLC) of the car



**In C-class (WDB202..., WDB208...)
under the bonnet on the right**

E-class : original key repairing or programming of additional key

Step 1.

Connect the MB Keyprog2/MB Restorer adapter to diagnostic link connector (DLC) of the car

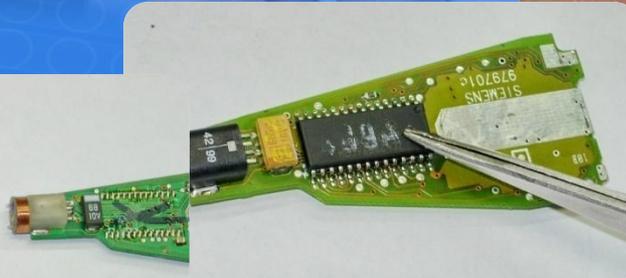
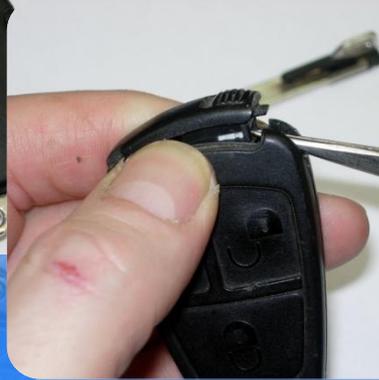


In E-class (WDB210...) under the fuse box lid under the bonnet on the left

Original key repairing or programming of additional key

Step 3.

Disassemble original key (working or not working). Read CPU Motorola from it using our EEPROM Programmer. save EEPROM file.



Original key repairing or programming of additional key

Step 4.

Open **www.mbkeyonline.com** web page. Select right option(Incomplete dump calculation). Upload EIS CPU1 dump file. Then upload key dump file.

The screenshot shows the mbkeyonline.com website interface. At the top, it says "Main | mbkeyonline.com" and the URL is "https://www.mbkeyonline.com/en/main/partial". A message indicates "You have made 0 of 5 available calculations today". The user is logged in as "John Smith (John)" with a "Logout" link and the time "11:19".

Step 1: "Please upload files to process". Two files have been uploaded successfully:

- EIS Dump: CPU1.bin (upload successful)
- Key Dump: key mb 98g(f82b).bin (upload successful)

Step 2: "Check out the values from EIS Dump". The MCU type is HC05 and the SSID is 30 D6 60 66. There are 8 checkboxes for "Used" and "Enabled", all of which are checked.

Step 3: "Check the boxes you wish to be processed, then press 'PROCEED' button". There are 8 checkboxes for "Keys" (0-7) and a "Select All" checkbox, all of which are checked. A "PROCEED" button is visible.

An image of a camera and a key fob is shown on the right side of the interface.

Original key repairing or programming of additional key

Step 5.

After uploading select ALL KEYS and PROCEED. Get all keys files.

Process | mbkeyonline.com

https://www.mbkeyonline.com/en/process

You have made 1 of 5 available calculations today

Hello, John Smith (John) Logout 11:33

Calculation began at 11:22:21

Download R

Upload anoth

30D66066

File Edit View Favorites Tools Help

Back Forward Stop Search Folders

Address C:\Documents and Settings\Andrews\Desktop\30D66066 Go

- key0_30D66066_used_011.bin
- key0_30D66066_used_041.bin
- key0_30D66066_used_051.bin
- key1_31D66066_used_011.bin
- key1_31D66066_used_041.bin
- key1_31D66066_used_051.bin
- key2_32D66066_used_011.bin
- key2_32D66066_used_041.bin
- key2_32D66066_used_051.bin
- key3_33D66066_011.bin
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- key5_35D66066_041.bin
- key5_35D66066_051.bin
- key6_36D66066_011.bin
- key6_36D66066_041.bin
- key6_36D66066_051.bin
- key7_37D66066_011.bin
- key7_37D66066_041.bin
- key7_37D66066_051.bin

24 objects 3,75 KB My Computer

Original key repairing or programming of additional key

Step 7

Put CPU back into the key. Write and activate key with NecProg2 program.



Original key repairing or programming of additional key

Step 8

Key status changed to "14 EC" with activation successfully done.

The screenshot shows the 'Mercedes key prog V10.51(Generate) S/N=000590' software interface. The 'Read Data' section on the right contains the following information:

Read Data	
Key	01
Serial	66 60 D6 30
Status	14 EC
Counts	2F 1F 7E
Life	196606
Ver.soft	62
Remark	000000000000

The 'Status' field '14 EC' is highlighted with a red rectangle. Below the 'Read Data' section are buttons for 'DEC COUNT' and 'WR REMARK'. At the bottom of the window, there is a 'PROGRAM' button and a 'READ' button. The status bar at the bottom shows 'Ok' and the serial number '247E1F2F31D66066'. A red circle is drawn around the 'PROGRAM' button in the bottom-most window.

•To main page

New key programming (all keys lost)

Step 1

Remove EIS from the car.

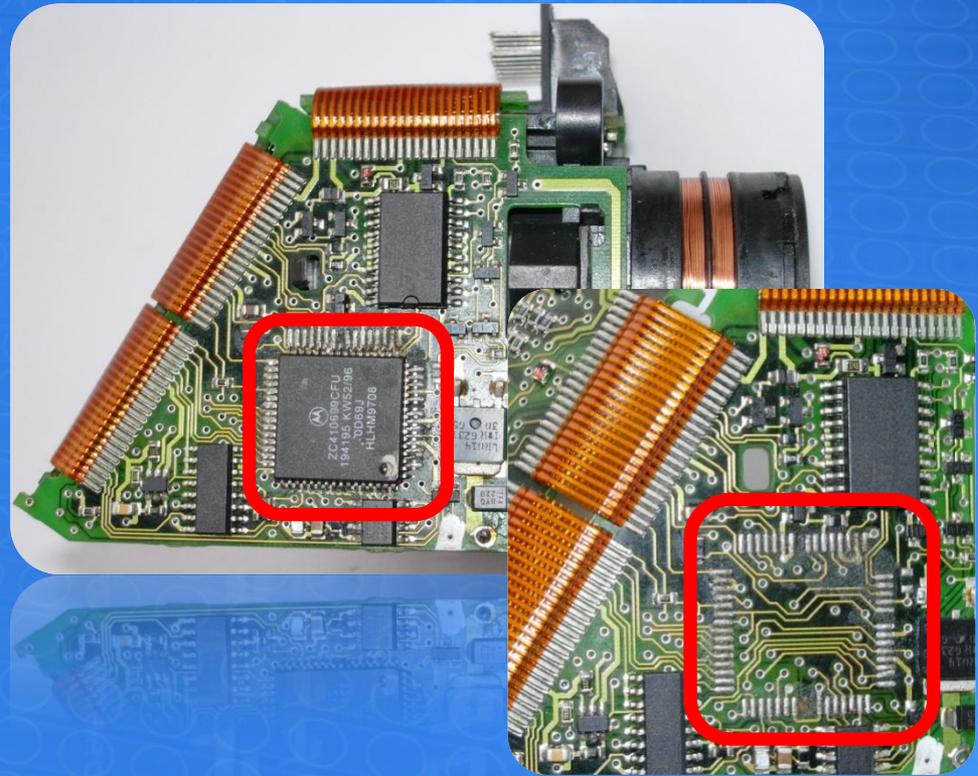
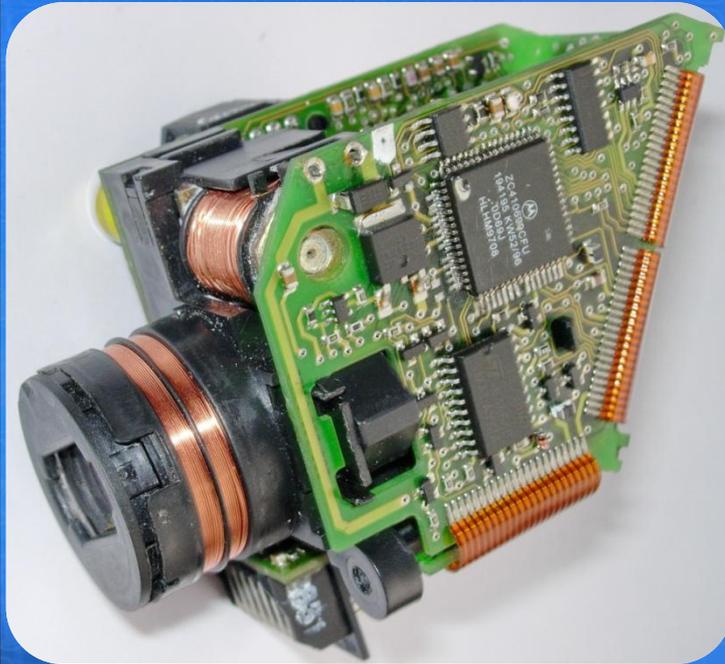
W202/210



New key programming (all keys lost)

Step 2

Open the EIS, take off CPU1, read and save file, put CPU1 back, assemble EIS and mount it into the car.



New key programming (all keys lost)

Step 3.

Open www.mbkeyonline.com web page. Select left option (full dump calculation). Upload EIS CPU1 dump file. After uploading select ALL KEYS and PROCEED. Get all keys files.

The screenshot shows a web browser window at the top with the URL <https://www.mbkeyonline.com/en/pro>. Below the browser, a file explorer window is open, displaying a folder named '30D66066'. The folder contains 24 objects, which are key files for various keys (key0 through key7) and different dump types (used_011.bin, used_041.bin, used_051.bin). The files are listed as follows:

- key0_30D66066_used_011.bin
- key0_30D66066_used_041.bin
- key0_30D66066_used_051.bin
- key1_31D66066_used_011.bin
- key1_31D66066_used_041.bin
- key1_31D66066_used_051.bin
- key2_32D66066_used_011.bin
- key2_32D66066_used_041.bin
- key2_32D66066_used_051.bin
- key3_33D66066_011.bin
- key3_33D66066_041.bin
- key3_33D66066_051.bin
- key4_34D66066_011.bin
- key4_34D66066_041.bin
- key4_34D66066_051.bin
- key5_35D66066_011.bin
- key5_35D66066_041.bin
- key5_35D66066_051.bin
- key6_36D66066_011.bin
- key6_36D66066_041.bin
- key6_36D66066_051.bin
- key7_37D66066_011.bin
- key7_37D66066_041.bin
- key7_37D66066_051.bin

The status bar at the bottom of the file explorer shows '24 objects' and '3,75 KB'. The text 'Calculation began at 12:17:22' is visible on the left side of the image.

New key programming (all keys lost) – erase key CPU before writing with EEPROM programmer.

Step 4

Key writing and activation with NecProg2 program. ~~It stands changed to 14 EC activation's successfully done.~~

The screenshot displays the Mercedes key programming software interface. The main window is titled "Mercedes key prog V10.51(Generate) S/N=000590". It features a menu bar with "Load", "Help", "About", "Update", "Activate", "Tools", and "BE" Soft Tools. The interface is divided into two main sections: "Programming Data" and "Read Data".

Programming Data:

- Serial: 66 60 D6 31
- Fixed Key: 01
- 3D 00 1C 6D 43 D8 0D 83
- Big old key IR Only
- Erase Only IR
- PROGRAM** button

Read Data:

- Key: 01
- Serial: 66 60 D6 30
- Status: **14 EC** (highlighted with a red box)
- Counts: 2F 1F 7E
- Life: 196606
- Ver.soft: 62
- Remark: 000000000000
- DEC COUNT button
- WR REMARK button
- READ** button

At the bottom of the window, there is a status bar with "Ok" and the serial number "247E1F2F31D66066". Below this, another window shows "Ok" and "257F1F2F31D66066". At the bottom, a third window shows "Ok" and "257F1F2F31D66066". A green arrow points from the bottom right towards the "PROGRAM" button.

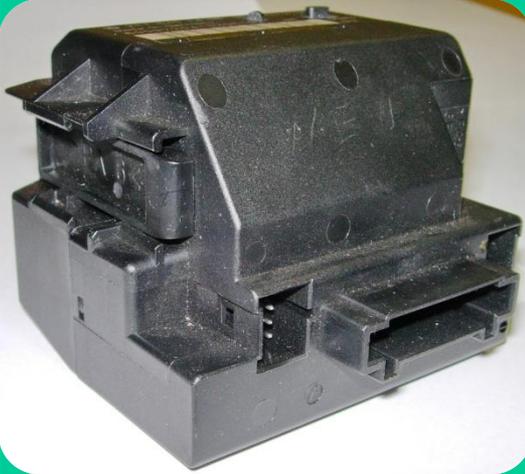
To main page

Additional or new key programming (all keys lost)

Step 1

Remove EIS from the car.

W211/203/220



W203/639



Additional or new key programming (all keys lost)

Step 2

Open the EIS, take off CPU1, read and save file, put CPU1 back, assemble EIS and mount it into the car.



Additional or new key programming (all keys lost)

Step 3.

Open www.mbkeyonline.com web page. Select left option (full dump calculation). Upload EIS CPU1 dump file. After uploading select ALL KEYS and PROCEED. Get all keys files.

The screenshot shows a web browser window at <https://www.mbkeyonline.com/en/process>. The page content includes the text "You have made 1 of 5 available calculations today" and "Calculation began at 12:17:22". Overlaid on the browser is a Windows Explorer window titled "30D66066" showing a list of 24 files in the directory "C:\Documents and Settings\Andrew\Desktop\30D66066". The files are:

- key0_30D66066_used_011.bin
- key0_30D66066_used_041.bin
- key0_30D66066_used_051.bin
- key1_31D66066_used_011.bin
- key1_31D66066_used_041.bin
- key1_31D66066_used_051.bin
- key2_32D66066_used_011.bin
- key2_32D66066_used_041.bin
- key2_32D66066_used_051.bin
- key3_33D66066_011.bin
- key3_33D66066_041.bin
- key3_33D66066_051.bin
- key4_34D66066_011.bin
- key4_34D66066_041.bin
- key4_34D66066_051.bin
- key5_35D66066_011.bin
- key5_35D66066_041.bin
- key5_35D66066_051.bin
- key6_36D66066_011.bin
- key6_36D66066_041.bin
- key6_36D66066_051.bin
- key7_37D66066_011.bin
- key7_37D66066_041.bin
- key7_37D66066_051.bin

The Explorer window status bar shows "24 objects" and "3,75 KB".

Additional or new key programming (all keys lost)

Step 4

Key erasing and writing with NecProg2 program.

The screenshot displays the Mercedes key programming software interface. It features several overlapping windows. The primary window shows the 'Programming Data' section with the following fields:

- SSID: 11 59 F9 68
- Password: 60 A9 F7 B2 AF 33 34 D2
- Key: 00

Below these fields are three checkboxes: Big old key IR Only, Erase Only, and IR. A large 'PROGRAM' button is at the bottom.

The 'Read Data' section on the right shows the following information:

- Key: 00
- SSID: 11 59 F9 68
- Status: 05 FB (circled in red)
- Counts: 2F 0B 7B
- Life: 194043
- Ver.soft: 57
- Remark: 980831010688

Buttons for 'DEC COUNT' and 'WR REMARK' are located below the 'Read Data' section. A green arrow in the bottom right corner points to the right with the text 'To main page'.

Additional or new key programming (all keys lost)

Step 1

Remove EIS from the car.

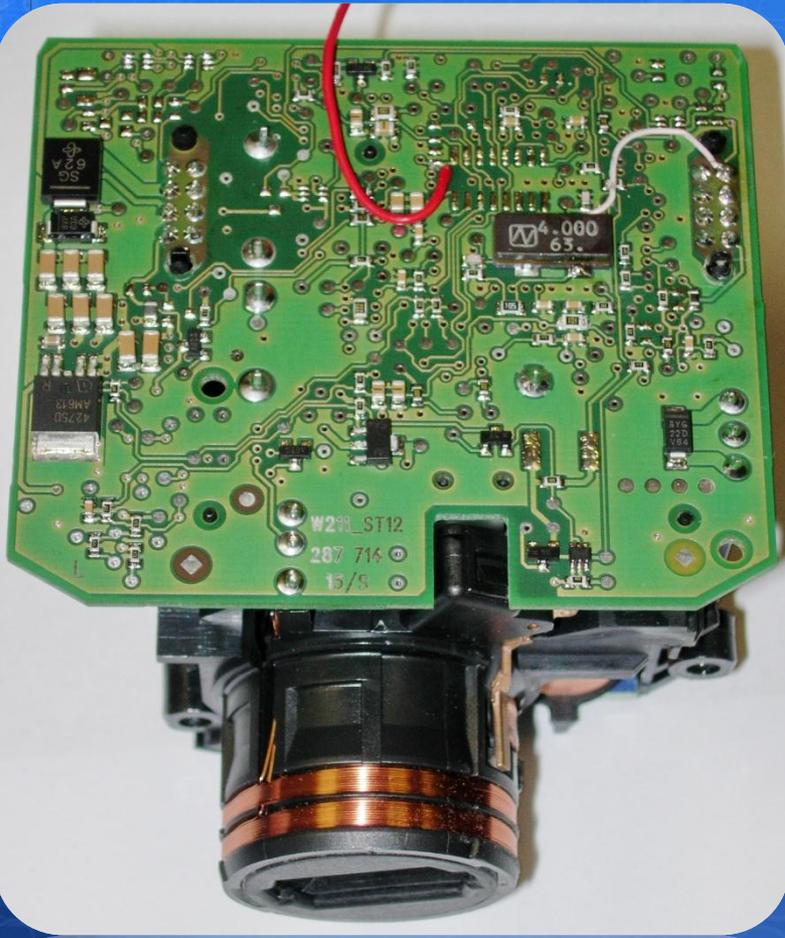
W211/203/220



Additional or new key programming (all keys lost)

Step 2

Open EIS, read CPU with *X-Prog* cable set + *X-ProgM-programmer* via service connector of EIS. Connect by wires – for reading with *X-Prog* cable set. Assemble EIS, put it back in to the car.



Additional or new key programming (all keys lost)

Step 3.

Open www.mbkeyonline.com web page. Select left option (full dump calculation). Upload EIS CPU1 dump file. After uploading select ALL KEYS and PROCEED. Get all keys files.

The screenshot displays a web browser window on the left and a file explorer window on the right. The browser window shows the URL <https://www.mbkeyonline.com> and a message: "You have made 1 of 5 available calculation". Below this, it states "Calculation began at 12:17:22". The file explorer window is titled "30D66066" and shows a list of 24 files in the directory "C:\Documents and Settings\Andrews\Desktop\30D66066". The files are organized by key number (0-7) and then by dump type (used, 011, 041, 051). The status bar at the bottom of the file explorer indicates "24 objects" and "3,75 KB".

Process | mbkeyonline.com x

← → ↻ ↗ <https://www.mbkeyonline.com>

You have made 1 of 5 available calculation

Calculation began at 12:17:22

30D66066

File Edit View Favorites Tools Help

Back Forward Refresh Search Folders

Address C:\Documents and Settings\Andrews\Desktop\30D66066 Go

- key0_30D66066_used_011.bin
- key0_30D66066_used_041.bin
- key0_30D66066_used_051.bin
- key1_31D66066_used_011.bin
- key1_31D66066_used_041.bin
- key1_31D66066_used_051.bin
- key2_32D66066_used_011.bin
- key2_32D66066_used_041.bin
- key2_32D66066_used_051.bin
- key3_33D66066_011.bin
- key3_33D66066_041.bin
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- key6_36D66066_051.bin
- key7_37D66066_011.bin
- key7_37D66066_041.bin
- key7_37D66066_051.bin

24 objects 3,75 KB My Computer

Additional or new key programming (all keys lost)

Step 1

Remove EIS from the car .

SPRINTER



Additional or new key programming (all keys lost)

Step 2

Open EIS, read CPU with + *X-ProgM-programmer* via service connector of EIS. Connect by wires – like in R260S user manual. Assemble EIS, put it back in to the car.



Additional or new key programming (all keys lost)

Step 3.

Open www.mbkeyonline.com web page. Select left option (full dump calculation). Upload EIS CPU1 dump file. After uploading select ALL KEYS and PROCEED. Get all keys files.

The screenshot shows a web browser window with the URL <https://www.mbkeyonline.com/en/>. The page content includes the text "You have made 1 of 5 available calculations t" and "Calculation began at 12:17:22".

Overlaid on the browser is a file explorer window titled "30D66066". The address bar shows the path "C:\Documents and Settings\Andrews\Desktop\30D66066". The file list contains the following files:

- key0_30D66066_used_011.bin
- key0_30D66066_used_041.bin
- key0_30D66066_used_051.bin
- key1_31D66066_used_011.bin
- key1_31D66066_used_041.bin
- key1_31D66066_used_051.bin
- key2_32D66066_used_011.bin
- key2_32D66066_used_041.bin
- key2_32D66066_used_051.bin
- key3_33D66066_011.bin
- key3_33D66066_041.bin
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- key5_35D66066_051.bin
- key6_36D66066_011.bin
- key6_36D66066_041.bin
- key6_36D66066_051.bin
- key7_37D66066_011.bin
- key7_37D66066_041.bin
- key7_37D66066_051.bin

Additional or new key programming (all keys lost)

Step 4

Key erasing and writing with NecProg2 program.

The screenshot shows the Mercedes key programming software interface. The main window is titled "Mercedes key prog V10.5(Generate) S/N=000006". It features a menu bar with "Load", "Help", "About", "Update", "Activate", and "Tools". The interface is divided into several sections:

- Open file dialog:** Located on the left, it shows a list of files named "key0_3", "key1_3", and "key2_3".
- Programming Data:** A central section with the following fields:
 - SSID: 11 59 F9 68
 - Password: 60 A9 F7 B2 AF 33 34 D2
 - Key: 00
- Read Data:** A section on the right showing the current key's data:
 - Key: 00
 - SSID: 11 59 F9 68
 - Status: 05 FB (circled in red)
 - Counts: 2F 0B 7B
 - Life: 194043
 - Ver.soft: 57
 - Remark: 980831010688
- Buttons:** "PROGRAM" and "WR REMARK" buttons are visible at the bottom.

A green arrow in the bottom right corner points to the right with the text "To main page".

The car came
with one
working key
(like in
picture).
Need to add
2nd key.

