

MB REMOTE KEYMAKER

by MBE



** First in the World key programmer for both transponder and remote*

** Works for adding the key and in “all keys lost” situation*

v. 03.2021

Works for:



2007-2018
Dodge Sprinter W(C)906



2003-2008
Chrysler Crossfire



1996-2004
Mercedes SLK Class R170
(all types)



Jun 1, 1997-2001
Mercedes SL Class R129



Jun 1, 1997-1999
Mercedes S-Class W140



Jun 1, 1997-2001
Mercedes G-Class W461



1997-2005
Mercedes A-Class W168



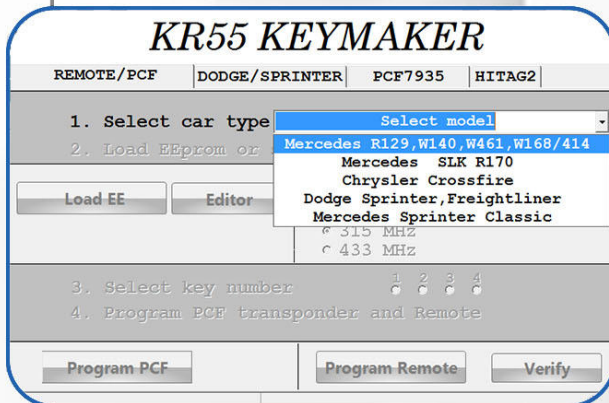
2001-2005
Mercedes Vaneo W414

* Works only with new remote keys manufactured by MBE
(one exception - OEM refurbished key can be used for W163).

1. Adding the key

You must have at least one working remote for the vehicle.
Removal of SKREEM module in this case is not required.

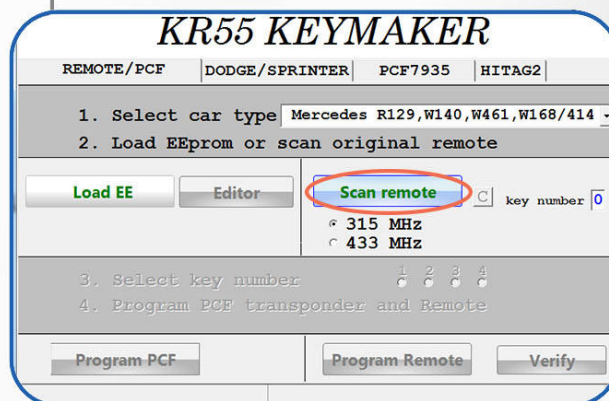
All steps must be completed in order, no steps can be skipped/altered. Please read carefully.



1. Start KR55 KeyMaker software.

2. Select "PCF/REMOTE" tab.

3. Choose model of the vehicle and frequency of the key. Usually for US and Asian market it's 315 MHz, for the rest of the World - 433 Mhz. After choosing of vehicle type, Keymaker will confirm your choice by voice.



4. Click "Scan remote" button.



5. Hold the original working remote near Keymaker's programming slot and press "Lock" or "Unlock" button on remote. Original key number will be displayed and selection field will become active. Select one of the available key slots.

Mercedes R129, W140, W461, W168, W414

KR55 KEYMAKER

REMOTE/PCF | DODGE/SPRINTER | PCF7935 | HITAG2

1. Select car type Mercedes R129,W140,W461,W168/414

2. Load EEprom or scan original remote

Load EE

Editor

Scan remote

C

key number 2

315 MHz

433 MHz

CLOSE BUTTON

3. Select key number

1

2

3

4

4. Program PCF transponder and Remote

Program PCF

Program Remote

Verify

SCANNED CORRECTLY



KR55 KEYMAKER

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Reading

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Program PCF

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Key # 2

6. Click "**PROGRAM REMOTE**" button.
7. Put a new remote in KeyMaker's programming coil as shown.
8. Press and hold "Unlock" button on the new remote until you will hear confirmation sound. Blue light will flash and message "OK, please click verify button" will appear.
9. Click "**VERIFY**" button. Now press any button on the new fob. "OK" message and sound will confirm successful programming.
10. **Transponder programming.** Put key with already programmed remote in Keymaker's programming coil. Click "**PCF PROGRAM**" button. "OK" message and "start" sound will confirm successful transponder programming.
11. Cut the key blade.
12. Now go to the vehicle with new key. If key was correctly programmed, vehicle should start. Turn ignition off, pull key out. Quickly press any button on the remote 5-6 times. Insert key in ignition, turn ignition on (do not start). Quick press any button on the remote few times (5-6 times). Turn ignition off, pull the key out. Remote should start working. Check all functions of the key. Programming is complete.

2. All remotes are lost or no working remote available

In this case SKREEM module removal is required. EEprom memory must be read and saved on the computer.

We recommend Orange5, Smok (MBprog) or Carprog programmer with special Click'n Go adapter (corresponding to your SKREEM module model).

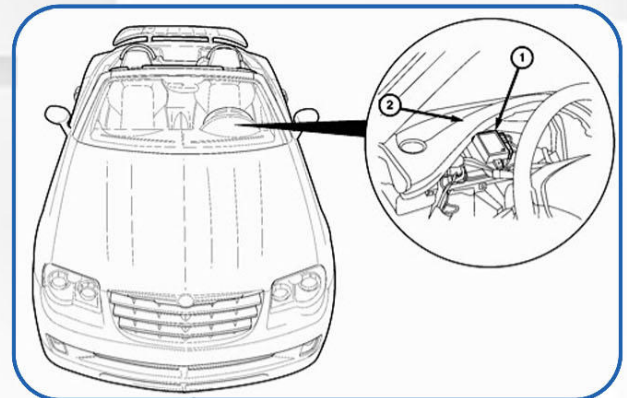
In this case no desoldering required, memory safely can be read.

Of course, you can use another EEprom programmers at your own risk.

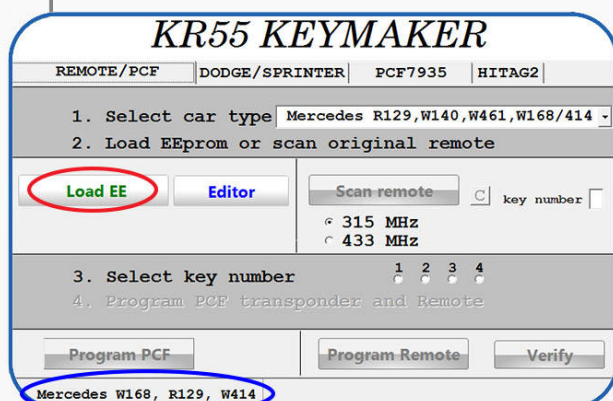
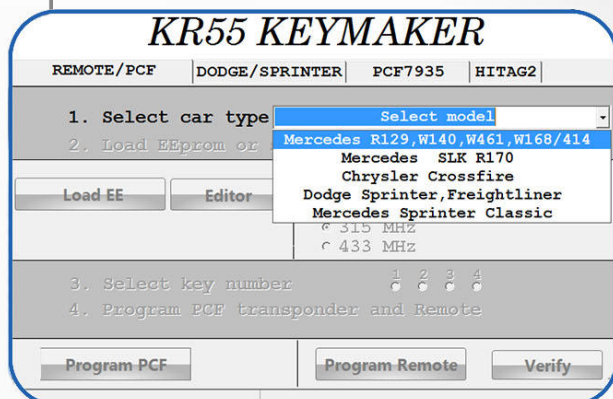
All steps must be completed in order, no steps can be skipped/alterd. Please read carefully.



SKREEM adapter with CarProg



SKREEM location



1. According to EEprom programmer manual, read and save EEprom to your computer.
2. Start KR55 Keymaker software.
3. Select your vehicle.
4. Select "PCF/REMOTE" tab.
5. Click "**Load EE**" button. Select SKREEM EEprom file you saved on step 1.
6. Check if your vehicle's model is properly displayed in the left lower corner of Keymaker's window.

If model is incorrect - EEprom wasn't read properly. Read and save EEprom again using Orange5, Smok (MBprog) or Carprog with proper Click'n Go adapter and start again from step 2.

Mercedes R129, W140, W461, W168, W414

KR55 KEYMAKER

REMOTE/PCF | DODGE/SPRINTER | PCF7935 | HITAG2

1. Select car type Mercedes R129,W140,W461,W168/414
2. Load EEprom or scan original remote

Load EE | Editor | Scan remote | key number 2

315 MHz
433 MHz

3. Select key number 1 2 3 4
4. Program PCF transponder and Remote

Program PCF | Program Remote | Verify

Mercedes W168, R129, W414



KR55 KEYMAKER

REMOTE/PCF | DODGE/SPRINTER | PCF7935 | HITAG2

1. Select car type Mercedes R129,W140,W461,W168/414
2. Load EEprom or scan original remote

Load EE | Editor | Scan remote | key number 2

315 MHz
433 MHz

3. Select key number 1 2 3 4
4. Program PCF transponder and Remote

Program PCF | Program Remote | Verify

Reading

KR55 KEYMAKER

REMOTE/PCF | DODGE/SPRINTER | PCF7935 | HITAG2

1. Select car type Mercedes R129,W140,W461,W168/414
2. Load EEprom or scan original remote

Load EE | Editor | Scan remote | key number 2

315 MHz
433 MHz

3. Select key number 1 2 3 4
4. Program PCF transponder and Remote

Program PCF | Program Remote | Verify

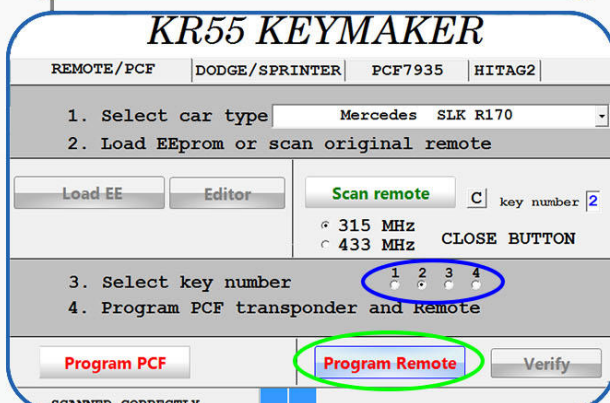
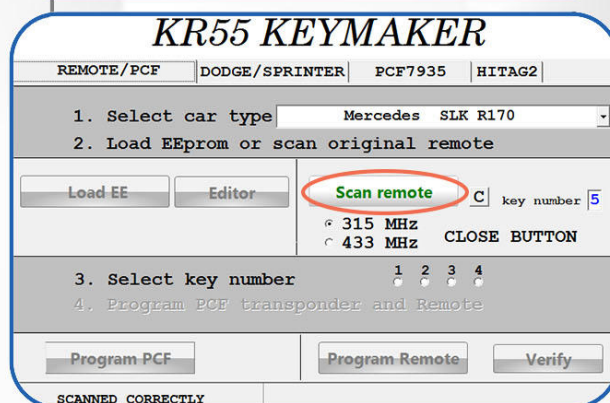
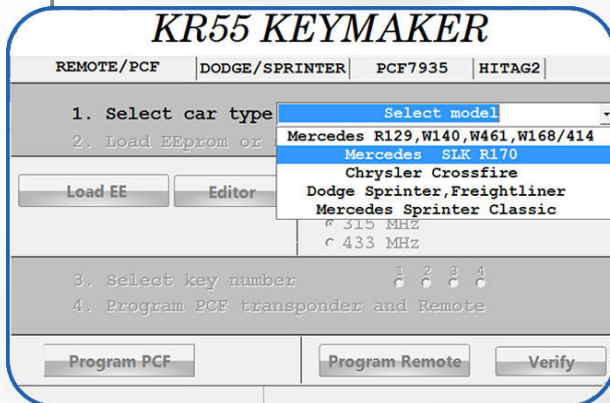
Key # 2

7. If vehicle's model displayed correctly, select one of the available key slots.
8. Put a new remote in KeyMaker's programming coil as shown.
9. Click "**PROGRAM REMOTE**" button.
10. Press and hold "Unlock" button on the new remote until you will hear confirmation sound. Blue light will flash and message "OK, please click verify button" will appear.
11. Click "**VERIFY**" button. Now press any button on the new fob. "OK" message and sound will confirm successful programming.
12. Transponder programming. Put key with already programmed remote in Keymaker's programming coil. Click "**PCF PROGRAM**" button. "OK" message and "start" sound will confirm successful transponder programming.
13. Cut the key blade.
14. Now go to the vehicle with new key. If key was correctly programmed, vehicle should start. Turn ignition off, pull key out. Quickly press any button on the remote 5-6 times. Insert key in ignition, turn ignition on (do not start). Quick press any button on the remote few times (5-6 times). Turn ignition off, pull the key out. Remote should start working. Check all functions of the key. Programming is complete.

1. Adding the key

You must have at least one working remote for the vehicle.
Removal of SKREEM module in this case is not required.

All steps must be completed in order, no steps can be skipped/alterd. Please read carefully.



1. Start KR55 KeyMaker software.
2. Select "PCF/REMOTE" tab.
3. Choose model of the vehicle and frequency of the key. Usually for US and Asian market it's 315 MHz, for the rest of the World - 433 Mhz. After choosing of vehicle type, Keymaker will confirm your choice by voice.
4. Click "Scan remote" button.
5. Hold the original working remote near Keymaker and press "Unlock" button on remote. Original key number will be displayed and selection field will become active. Select one of the available key slots.
6. Click "PROGRAM REMOTE" button.
7. Put a new remote in KeyMaker's programming coil as shown.
8. Press and hold "Unlock" button on the new remote until you will hear confirmation sound. Blue light will flash and message "OK, please click verify button" will appear.

Mercedes SLK R170



9. Click "**VERIFY**" button. Now press any button on the new fob. "OK" message and sound will confirm successful programming.

10. Transponder programming.

Put key with already programmed remote in Keymaker's programming coil. Click "**PCF PROGRAM**" button. Please read message which will appear and choose one of the versions which you think is correct. If programmed key will not start the car you will correct it later. "OK" message and "start" sound will confirm successful transponder programming.

KR55 KEYMAKER

REMOTE/PCF | DODGE/SPRINTER | PCF7935 | HITAG2

1. Select car type Mercedes SLK R170

2. Load EEprom or scan original remote

Load EE | Editor | Scan remote | C | key number 2

315 MHz | 433 MHz | CLOSE BUTTON

3. Select key number 1 2 3 4

4. Program PCF transponder and Remote

Program PCF | Program Remote | Verify

Reading

REMOTE/PCF | DODGE/SPRINTER | PCF7935 | HITAG2

1. Select car type Mercedes SLK R170

Choose a date of car production

Version 1 1998-2000 | Version 2 2000-2004

!ATTENTION!

If the programmed key did not start the car but the central locking remote control is working, unlock the transponder using the PCF program and program the transponder using a different version

[SEE MANUAL](#)

C | key number 2

CLOSE BUTTON

4

te

Veri

11. Cut the key blade.

12. Now go to the vehicle with new key. If key was correctly programmed and version is correct, vehicle should start. If car doesn't start - go to step 13. If car starts - turn ignition off, pull key out. Quickly press any button on the remote 5-6 times. Insert key in ignition, turn ignition on (do not start). Quickly press any button on the remote few times (5-6 times). Turn ignition off, pull the key out. Remote should start working. Check all functions of the key. Programming is complete.

KR55 KEYMAKER

REMOTE/PCF | DODGE/SPRINTER | PCF7935 | HITAG2

1. Select car type Mercedes SLK R170

2. Load EEprom or scan original remote

Load EE | Editor | Scan remote | C | key number 2

315 MHz | 433 MHz | CLOSE BUTTON

3. Select key number 1 2 3 4

4. Program PCF transponder and Remote

Program PCF | Program Remote | Verify

Key # 2

Mercedes SLK R170

KR55 KEYMAKER

REMOTE/PCF | DODGE/SPRINTER | PCF7935 | HITAG2

1. Select car type Mercedes SLK R170

2. Load EEprom or scan original remote

Load EE | Editor | **Scan remote** | C | key number 5

315 MHz
433 MHz CLOSE BUTTON

3. Select key number 1 2 3 4

4. Program PCF transponder and Remote

Program PCF | Program Remote | Verify

SCANNED CORRECTLY

KR55 KEYMAKER

REMOTE/PCF | DODGE/SPRINTER | **PCF7935** | HITAG2

	0	1	2	3	4	5	6	7	8	9	0A	0B	0C	0D	0E	0F	0123456789ABCDEF
0x00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
0x10	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
0x20	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
0x30	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
0x40	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
0x50	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
0x60	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	
0x70	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	

Load
Save
Wr All
Unlock
Lock

Read | 00 00 00 00 00 00 | 00 Adr | 00 Data | Wr Byte

☐ Use Password

KR55 KEYMAKER

REMOTE/PCF | DODGE/SPRINTER | PCF7935 | HITAG2

1. Select car type Mercedes SLK R170

2. Load EEprom or scan original remote

Load EE | Editor | **Scan remote** | C | key number 2

315 MHz
433 MHz CLOSE BUTTON

3. Select key number 1 2 3 4

4. Program PCF transponder and Remote

Program PCF | Program Remote | Verify

13. Transponder unlocking.

If you choosed incorrect PCF version, transponder should be unlocked and then programmed again.

On "PCF/REMOTE" tab of Keymaker click "**Scan Remote**" button. Click any button on the remote. Key number will be displayed and selection field will become active.

14. Insert key in Keymaker's programming coil.

15. Click "**PCF7935**" tab and click "**Unlock**" button on this tab.

16. Within 10 seconds you will see "OK" message. Transponder is successfully unlocked.

Now return to step 10 and select differend version for transponder programming.