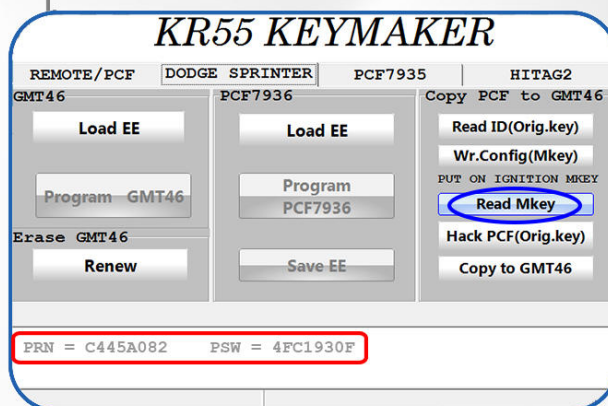
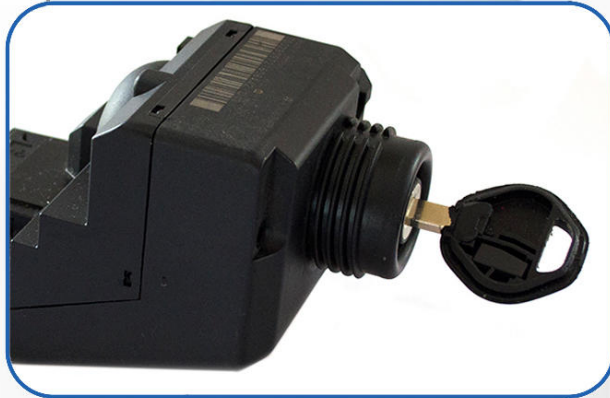
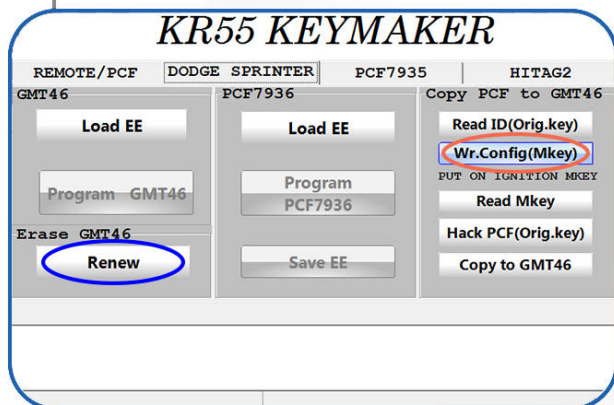


Dodge Sprinter, Freightliner



13. Click “Renew” button and then click “Wr.Config(Mkey)” button.
14. Now go to the van with this prepared key and put it in ignition for 5 seconds (**no cutting or turning the key in ignition required!**).
15. Pull the key out and put it in Keymaker's programming coil. Click “Read Mkey” button. Status should be shown (numbers on the bottom). If all numbers are the “0”, “1” or just “Error” message appears, go to step 10 and repeat process again.
16. If status shown correctly (not all “0” or “1”), then put original (working) key in Keymaker's programming slot. Click “Hack PCF(Orig.key)” button. It will take few seconds, status will be shown during process. Wait until “Success” will appear.
17. Now put new remote with GMT46 transponder and programmed earlier remote in Keymaker's programming coil.

18. Click “Copy to GMT46” button. “Successful” message will appear on the bottom.

19. Cut the key blade

20. 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). 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.

Dodge Sprinter, Freightliner

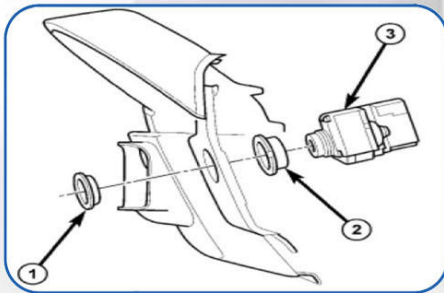
1. Adding the key (remote).

Programming new remote and new transponder programming (if you don't have the "GMT46 Black Master Key").

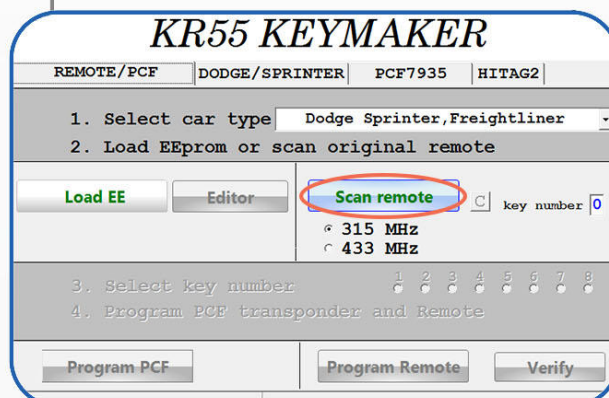
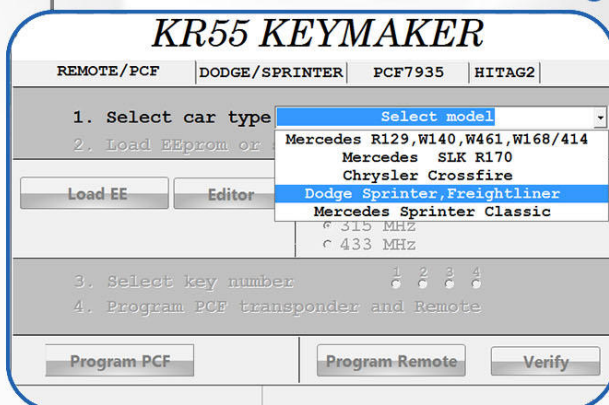
New remote with GMT46 or PCF7936 transponder required.

You must have at least one working remote for the vehicle. Removal of EIS module in this case is required. EEprom memory must be read and saved on computer.

We recommend Smok (MBprog) programmer for proper result, but you can use other EEprom reader at your own risk.



EIS location



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 and press "Lock" or "Unlock" button on remote. Original key number will be displayed and selection field will become active. Select one of available key slots.

Dodge Sprinter, Freightliner

KR55 KEYMAKER

REMOTE/PCF | DODGE/SPRINTER | PCF7935 | HITAG2

1. Select car type Dodge Sprinter, Freightliner

2. Load EEprom or scan original remote

Load EE | Editor | Scan remote | key number 1

315 MHz | 433 MHz | CLOSE BUTTON

3. Select key number 1 2 3 4 5 6 7 8

4. Program PCF transponder and remote

Program PCF | Program Remote | Verify

SCANNED CORRECTLY

KR55 KEYMAKER

REMOTE/PCF | DODGE/SPRINTER | PCF7935 | HITAG2

1. Select car type Dodge Sprinter, Freightliner

2. Load EEprom or scan original remote

Load EE | Editor | Scan remote | key number 1

VIN:WD3BE8CC7E5833765

315 MHz | 433 MHz

3. Select key number 1 2 3 4 5 6 7 8

4. Program PCF transponder and Remote

Program PCF | Program Remote | Verify

Key # 1

KR55 KEYMAKER

REMOTE/PCF | DODGE/SPRINTER | PCF7935 | HITAG2

GMT46 | PCF7936 | Copy PCF to GMT46

Load EE | LOADED OK! | Program GMT46

Erase GMT46 | Renew

Load EE | LOADED OK! | Program PCF7936

Save EE

Read ID(Orig.key) | Wr.Config(Mkey) | PUT ON IGNITION MKEY

Read Mkey | Hack PCF(Orig.key) | Copy to GMT46

You must used PCF7936 or GMT46 transponder for programming

KR55 KEYMAKER

REMOTE/PCF | DODGE/SPRINTER | PCF7935 | HITAG2

GMT46 | PCF7936 | Copy PCF to GMT46

Load EE | LOADED OK! | Program GMT46

Erase GMT46 | Renew

Load EE | LOADED OK! | Program PCF7936

Save EE

Read ID(Orig.key) | Wr.Config(Mkey) | PUT ON IGNITION MKEY

Read Mkey | Hack PCF(Orig.key) | Copy to GMT46

WR & Verify Ok
Dump EE Changed

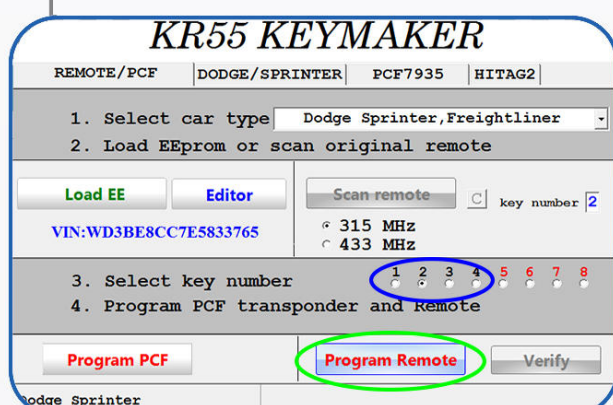
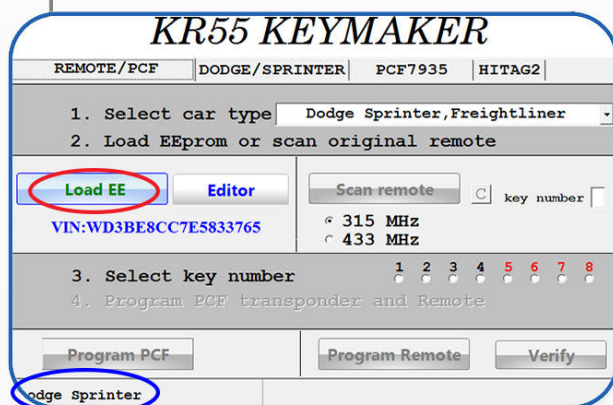
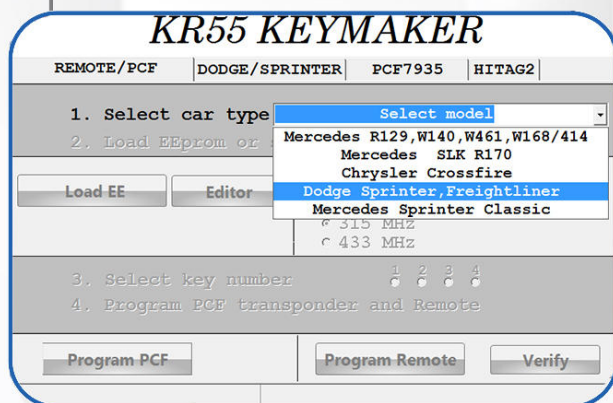
- Click "Program Remote" button.
- Put a new remote in KeyMaker's programming coil as shown.
- Press and hold "Unlock" button on the new remote until you will hear confirmation sound. Blue light will flash and message "OK, please click verify button" will appear.
- Click "VERIFY" button. Now press any button on the new remote. "OK" message and sound will confirm successful programming.
- According to EEprom programmer manual, read and save EEprom to your computer.
- Click "Load EE" button. Select EEprom file from the EIS.
- Select one of the available key numbers in "Select key number" field.
- If new key has GMT46 chip, click "Program GMT46" button. Once message "OK! Rewrite all chip" appears, chip programming is complete.
- If new key has PCF7936 chip, click "Program PCF7936" button. In a few seconds "WR and Verify OK. Dump EE changed" will appear. Now you need to rewrite modified dump back to EIS module, otherwise new key won't work.
- Click "Save EE" button to save new EEprom on your computer.

16. Cut the key blade.

17. 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). 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. Programming is complete.

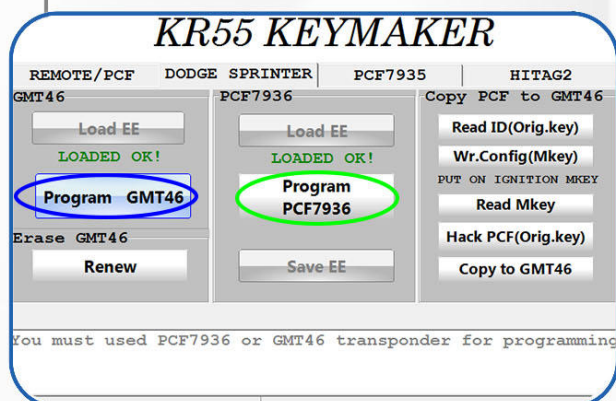
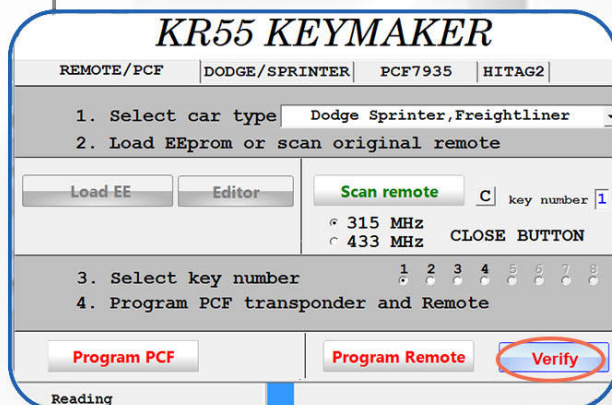
1. All keys lost. New remote with GMT46 or PCF7936 transponder required.
Removal of EIS module in this case is required.
EEprom memory must be read and saved on computer. We recommend Smok (MBprog) programmer for proper result, but you can use other EEprom reader at your own risk.

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



1. According to EEprom programmer manual, read and save EEprom to your computer.
2. Start KR55 KeyMaker software.
3. Select "PCF/REMOTE" tab. Select your vehicle.
4. Click "**Load EE**" button. Select EEprom file which you saved on step 1. Verify that your vehicle is properly identified (message in the left bottom corner). If there is "Error" message - 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.
5. Select available key slot in "Select key number" field.
6. Put a new remote in Keymaker's programming coil. Click "**Program remote**" button.

Dodge Sprinter, Freightliner



7. 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.
8. Click "**VERIFY**" button. Now press any button on the new fob. "OK" message and sound will confirm successful programming.
9. Click "Load EE" button. Select Eeprom file which you saved on step 1. Select available key slot in "Select key number" field.
10. If new remote has GMT46 chip, click "**Program GMT46**" button. Once message "OK! Rewrite all chip" appears, chip programming is complete.
11. If new remote has PCF7936 chip, click "**Program PCF7936**" button. In a few seconds "WR and Verify OK. Dump EE changed" will appear. Now you need to rewrite modified dump back to EIS module, otherwise new key won't work.
12. Click "Save EE" button and save new Eeprom on your computer.
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). 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. Programming is complete.

FCC Requirement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.