KOREA KEY PROGRAMMER

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The KKP device is designed to program keys to **KIA**, **HYUNDAI** and **GENESIS** vehicles manufactured from 2018 to the present day. Only Keyless Go systems are supported in this version, others will be added with the update.

There are two operating modes for the device:

1. By entering the PIN CODE to write the key.
2. The device automatically receives the PIN CODE from the vehicle's IBU/SMK units.

THE OPERATING MODES OF THE DEVICE ARE SWITCHED USING A PIN.EXE AN EXECUTABLE PROGRAM THAT IS LOCATED INSIDE THE DEVICE. JUST CONNECT YOUR DEVICE TO A PC TO ACCESS THE PROGRAM.
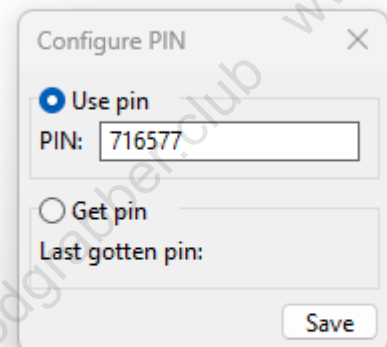
About device:
- No PIN required for new vehicles.
- Fast work speed.
- Recording up to four keys is supported.
- The device works offline and does not require an Internet connection.

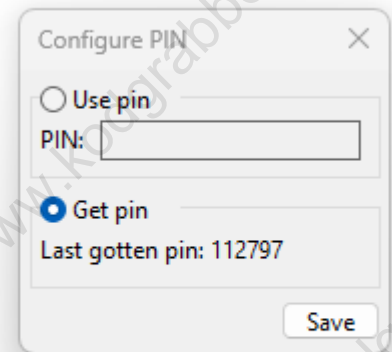***The device is not intended for criminal use!***

MODE-1: Enabling "PIN to device" mode:

1. Request a PIN-CODE according to the VIN of the car from an authorized dealer or calculating using the ISKRA device.
2. Connect your device to a USB port *on a computer running Windows 10 or 11.*
3. The disk "BOOTLOADER" will appear in the system. Open it and run the program PIN.exe
4. In opened window, enter the PIN from the car and click SAVE.
5. Disconnect the device from USB.
6. The device is ready to program the key.

Configure PIN ✕

🔘 Use pin
PIN: 716577

◯ Get pin
Last gotten pin:

Save

MODE-2:   Enabling the "Get PIN CODE" mode:

1. Connect your device to a USB port on a computer running Windows 10 or 11.
2. A BOOTLOADER disk will appear in the system. Open it and run the PIN.exe utility
3. In the window that opens, select the Get pin option and click SAVE.
4. The Last gotten pin line contains the last PIN code received from the car.
5. Disconnect the device from USB.
6. The device is ready to program the key.

Note:

• Obtaining a PIN CODE takes from a few seconds to several minutes, depending on the version of the BCM.

• The automatic PIN code acquisition function only works on KIA vehicles equipped with IBU/SMK units. For other vehicles, you may enter the PIN CODE manually.

How to program a key:

- If required, wake up the car by pressing the START button.
- Insert device into OBD.
- The RED LED on the device will light up, indicating that there is power in the OBD connector.
- The device will establish a connection with the vehicle's electronic components and start working according to the selected mode, at this moment the GREEN LED will flash.
- When you hear a short beep - PIN CODE accepted and the car is ready for key programming, **immediately press the START button WITH the KEY and KEEP IT PRESSED**!!!
- When you hear a beep-beep - program the second key, then the third and fourth, respectively.
- To interrupt the programming procedure, apply the same key again instead of a new one or wait 5 seconds to complete the procedure. If you program all possible keys (3 or 4 depending on the vehicle), the procedure will end automatically with the last key.
- When the programming procedure is successfully completed, you will hear a long BEEEEP and the GREEN LED will light up.

Note:
- ***During programming, hold the key as shown in the picture, otherwise some of the data may not be written to the key correctly and it will be damaged.***
- *Only 5 seconds are given to program each key. Keep them ready.*
- *Only a new key or a used key from this exact vehicle can be programmed into a vehicle.*
- *In one session it is necessary to program all keys from this car. Unprogrammed keys will no longer work.*
- *Always order keys by VIN or catalog to ensure key compatibility with the vehicle.*
- *Used keys from other vehicles cannot be reused.*
- *Some vehicles allow a maximum of 3 keys to be stored.*
- *If you hear repeated long and short beeps (beeeeeeep beep) – PIN CODE is not valid for this vehicle.*

Error indication:

Long beep + several short beeps, the number of **SHORT** beeps indicates the error number.

1. Incorrect PIN - Request the correct PIN using the vehicle's VIN from your dealer.
2. Wrong key - the key does not fit this car or used one. There are many refurbished Chinese keys on the market, such keys may not be suitable for the car.
3. The ignition is not turned off - turn off the vehicle ignition.
4. PIN CODE not found - search and decryption of ECU data is not supported or failed. Enter your PIN manually using the pin.exe utility.
5. Digital signature error – the digital signature was not accepted by the ECU. Contact support for an update.
6. Unknown error - different types of errors.
7. The time for applying the key to the START button has expired - go through the key learning procedure again. Disconnect and reconnect the KKP to OBD again.