

## How to use PSA Explorer in dongle (standalone, without PC) mode

1. Switch ignition on
2. Plug in VEI into car's OBD socket. If plugged ok, you should hear **1 short beep** & blue+green LEDs switch on. If you hear **1 short 1 long 1 short 1 long beeps** + orange LED instead of green switches on, this means VEI malfunction, please return your device back for repair.
3. Press button on VEI to start operation. If you hear:
  - **2 short or 2 long beeps** and both blue and green LEDs blink - process of PIN reading was started. When PIN was successfully read out & key programming operation starts you will hear **short beep + long beep**. During next 15 seconds after that beep you have to put key you want to program into ignition lock & switch ignition on. If you hear **1 long beep** and blue LED on - key was programmed successfully, operation completed. If programming failed you will hear **5 short beeps** and blue LED off, please try to repeat operation from the beginning.
  - **3 long beeps** and both blue and green/orange LEDs blink - BSI restore process was started (last critical operation of PIN reading was interrupted or failed and therefore BSI was corrupted). After BSI restored successfully you should hear **1 long beep** and blue LED on. If restore failed you will hear **5 short beeps** and blue LED off, please try to repeat operation from the beginning.
  - **5 short beeps** and blue LED off - this means the car is not supported (this model is too old and does not communicate via CAN).

## Misc notes

- Every key with remote control after programming finished must be resynchronized in this way:
  1. Switch off ignition and remove the key
  2. Wait for one minute without pressing any remote control buttons
  3. Insert a key then switch ignition on
  4. Within 10 seconds press the locking button for 5 seconds
  5. Switch off ignition and remove the key
- PSA Explorer works in dongle mode only if it is not connected to PC (USB is disconnected).
- PSA Explorer in dongle mode can program only 1 key. If you want to program more than 1 key - please use PSA Explorer in PC mode (connect VEI via USB and run PSA Explorer software).
- During key program all previous keys are erased. Previous keys erased only if new key was successfully programmed, so if you start key programming but it fails - previous keys will be not erased.
- During operation in progress VEI beeps shortly every 5 seconds & both LEDs blink every 1 second.
- If dongle operation failed (you've got 5 short beeps) - please try same operation in PC mode, PSA Explorer software will give you more information about what is wrong. Also we recommend to update your device (via tab Settings - Update device) at least once per week, we improve our product constantly.
- Time necessary for PIN read out depends on car model, 2 beeps just after button on VEI press tells that:
  - 2 short beeps - operation will be fast, if everything is ok it should take about 5-40 seconds
  - 2 long beeps - operation will be long (5 or 18 minutes). Please note that if PIN read

out is done on same car for second time and further, operation will be fast (5-15 seconds).

- During critical operations one LED blinks with green-orange, in such case do not unplug VEI until it finishes. If VEI is interrupted during critical operation in progress, BSI can be damaged and needs to be restored, please replug VEI to start BSI restore process.
- Time necessary for BSI restore is 3 or 9 minutes. After restore BSI has its original state, you can repeat key programming.
- During PIN reading or BSI restore operations car's front wipers and low beams are switched on. If car's battery is poor, you can avoid this if remove corresponding fuses. Location of fuses can be found in car's owner manual available from INFOTEC web sites <http://service.citroen.com/ddb/> for Citroen and <http://public.servicebox.peugeot.com/ddb/> for Peugeot.
- Newest VEI has only 1 green/orange/red LED and does not have blue LED. If key programming fails red LED is switched on.