

Volkswagen Tiguan

Parktronic system assembly manual v.1.0.



The bundle includes:

4 pcs.	Back sensors with the mounts
4 pcs.	Front sensors with the mounts
2 pcs.	Buzzer
3 pcs.	Cables/Harnesses
1 pcs.	PDC Module
1 pcs.	PDC Button

1

First, dismantle the front bumper, which is fixed in the indicated places:

A



B



C

Under the masking strip there is a bolt, which is to be removed.



D

Other bolts are placed in the indicated places - these have to be removed as well.



2

2

Dismantle the back bumper, starting from removing the bolts visible on the photo.



3

Remove the bolts located near the wheel arches



4

Dismantle the trunk cover, behind which the Parktronic module, the back buzzer and the earth return wire shall be installed.

In this place the distribution of the wires should be started.

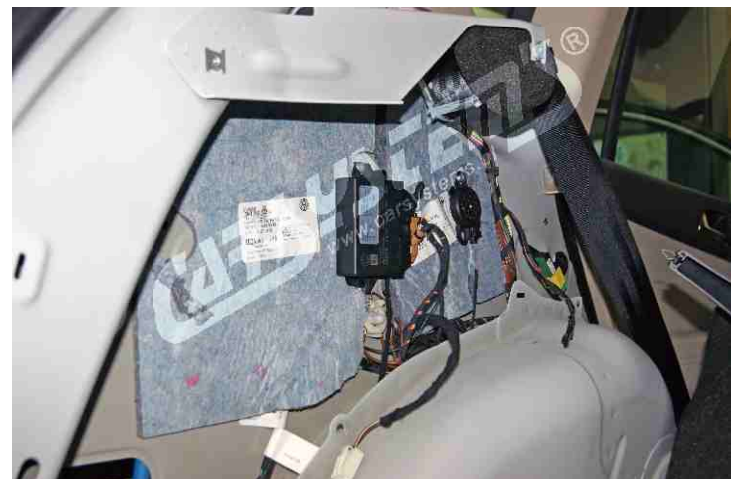


5

The parktronic module should be now screwed on and connected to the harness.

A

The harness is to be pulled through below and connected to the earthing point and the buzzer.



B

The back sensors harness should be connected directly to the module and pulled through the hole with a rubber cap, as indicated on the drawing.



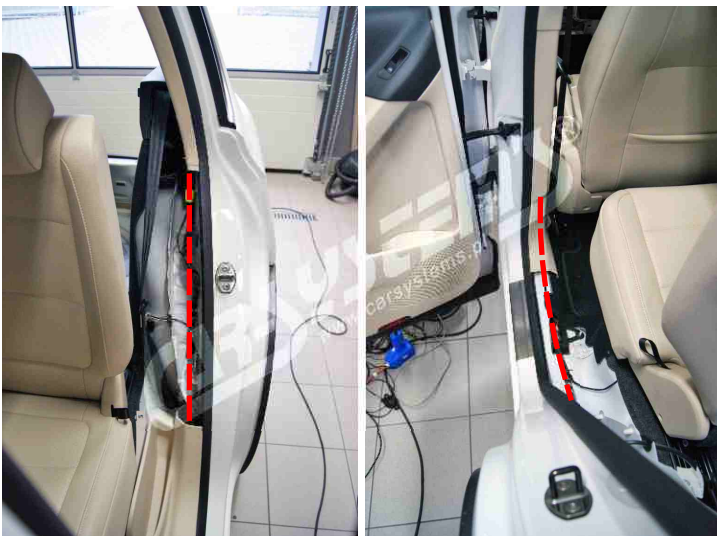
6

Disconnect the latch that holds the masking part and deflect it in the direction indicated by the arrows.



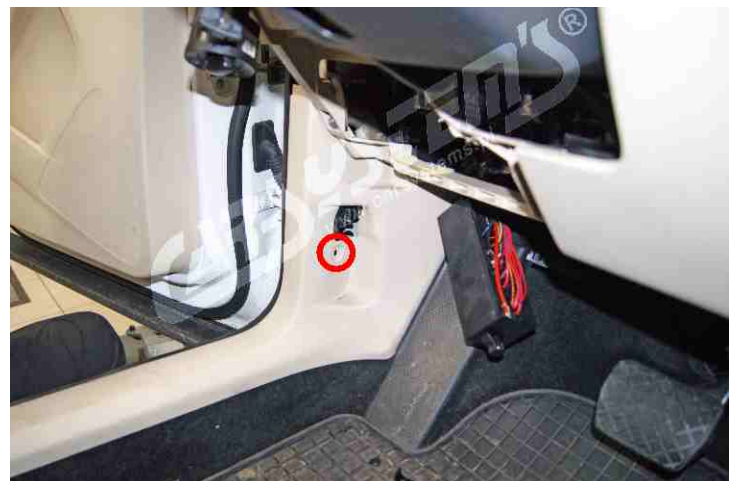
7

Pull through the harness, moving to the front of the car, as indicated in the picture.



8

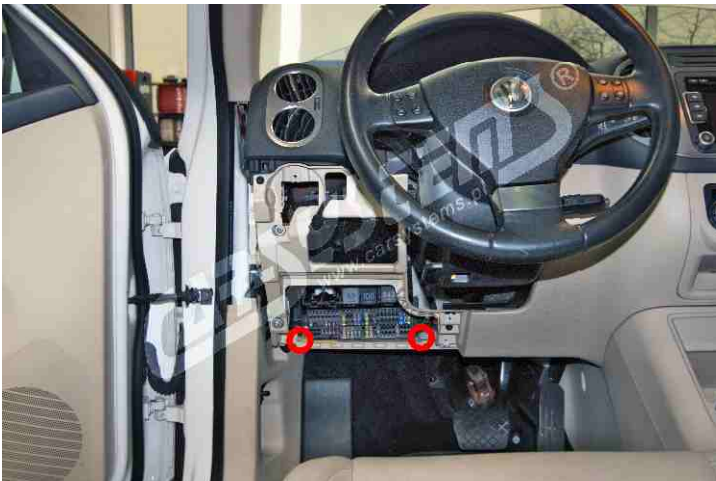
We disconnect the handle which is used to open the hood and remove the screw placed right behind it. Remove the side skirt and pull the wires towards the fuse box.



9

Remove the fuse box and connect the wire to the cable, which is live when the contact is switched on. The connector should be plugged in the way shown in the photo.

A



B



10

Attach the front buzzer (a speaker signaling that the car is approaching an obstacle)



11

Find the can getaway module above the accelerator.

Soldering the wires:

- The orange wire of the parktronic harness should be soldered to the black-orange wire, pin no. 16. in the maroon-colored plug (8e0972420)
- The brown wire of the parktronic harness should be soldered to the orange-brown wire, pin no. 6 in the maroon-colored plug (8e0972420)



12

Extract the button from the cockpit dashboard. The photo shows the mounting points, which need to be pressed in order to release the locks.



13

Disconnect the plug attached to the button, remove the cover and connect the harness wires.

1. The yellow wire should be connected to the pin number 10
2. The blue wire should be connected to the pin number 4



14

The harness responsible for the sensor connection should be pulled through to the bumper. The photo indicates the place, where the wires should be pulled through in order to reach the engine bay.

A



B



15

Prepare the bumper to install the sensors in the places marked. Drill the 18.2 mm hole and ungrease the mounting point in order to glue in the holder of the sensor. Place the sensor in the holder and connect the harness.

C

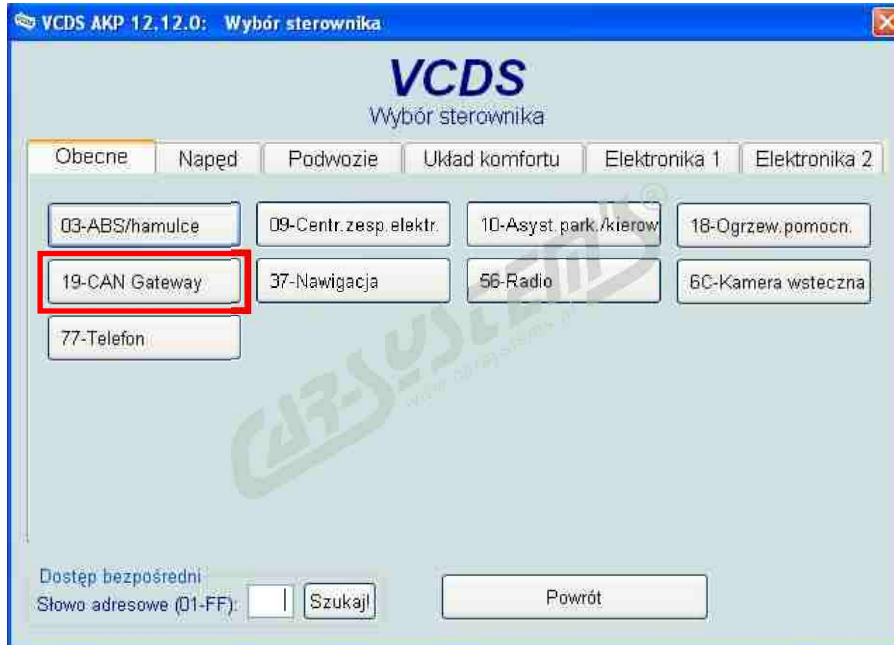


In this way the Parktronic installation can be finished - the steps have to be reversed.



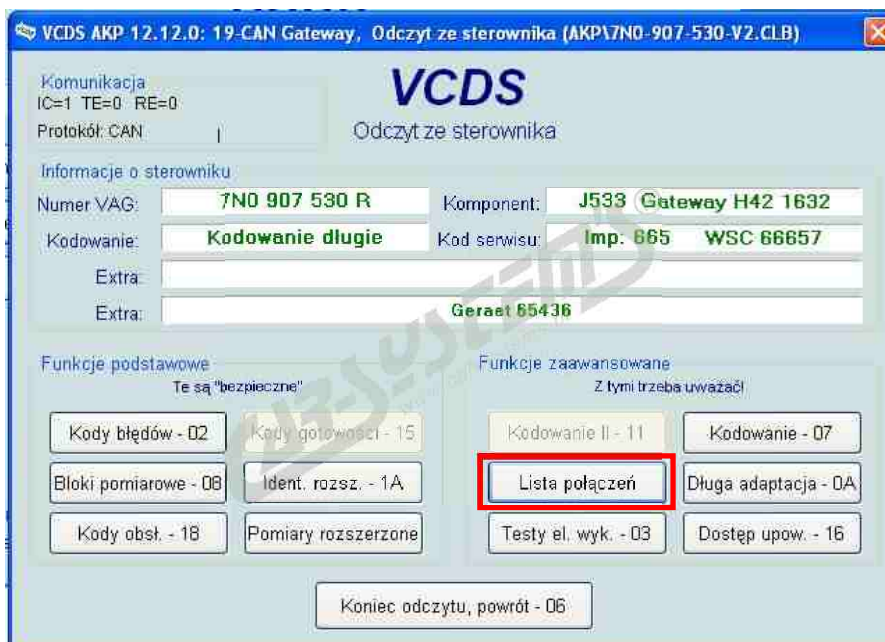
16

Using the VCDS system, open the 19-CAN Gateway block.



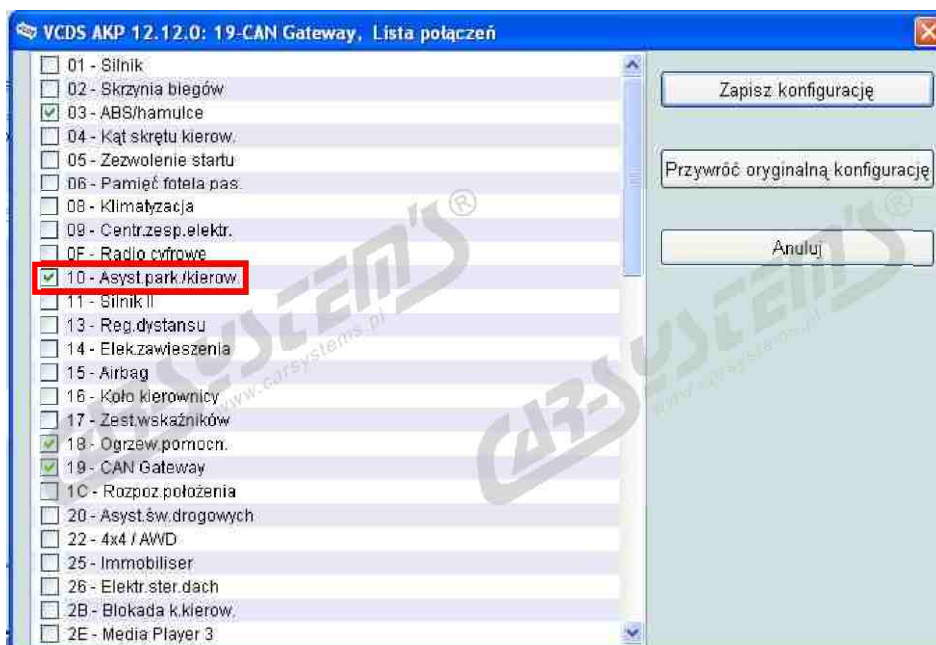
17

Select the Connection List block.



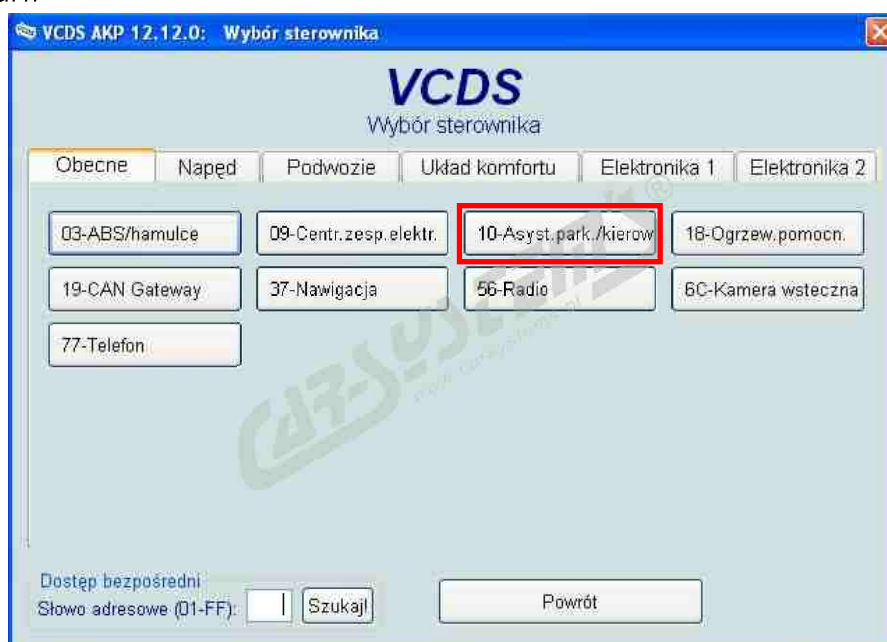
18

Mark the position no. 70 - Parking/driver assistance, and save the configuration



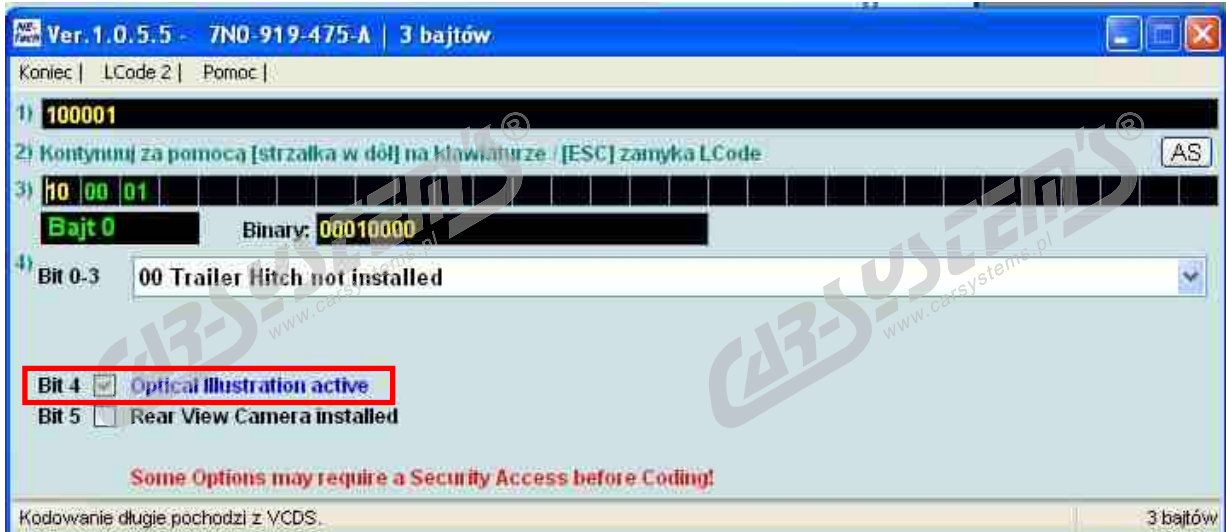
19

Return to the main menu, choose block 70 Parking/driver assistance and then Coding-07 and coding assistant



20

Select *Optical Illustration active*



21

Move to the *Byte 2* and choose the model from the list: *Seat Alhambra (71)/VW Tiguan (5N)*



Confirm the coding and erase the PDC and 19-Can Gateway block errors.
In case of a car fitted with a Rearview Camera, the *Rearview Camera Installed* should be marked (in the PDC module Block 10)