Software Coding: 18945 for control module with ESP

G200 - Lateral acceleration sensor
Group 004 block 02, OK values = -0.5 to 0.5

-Make sure that module is correctly coded and there are no other DTCs except the ones related to G85, G200 or G202

-Log in with 40168

```
-***START
Go to BASIC SETTING group 063 for about 2 seconds (not less) and remember
(write down) block 2 value before exiting BASIC SETTING

-If value is OK, BASIC SETTING vas successful

-Go to measuring blocks and check value: group 004, block 02, OK values=-0.5
to 0.5

-If the value is within specified range; the sensor is configured properly

--END—
```

G201 & G214 - Brake pressure sensors 1 and 2
Group 005 blocks 01 and 02, OK values = -7 to 7

-Make sure that module is correctly coded and there are no other DTCs except the ones related to G85, G200, G201, G202 or G214

-Log in with 40168
DO NOT TOUCH THE BRAKE PEDAL

```
***START
-DO NOT TOUCH THE BRAKE PEDAL

-Go to BASIC SETTING group 066 for about 1 second (not less) and remember
(write down) block 2 value before exiting BASIC SETTING

-If the value is OK, BASIC SETTING was successful

-Go to measuring blocks and check value: group 005, block 01 (G201) and 02
(G214), OK values=-7 to 7
***END
```

If the values are within specified range, the sensors are configured properly

G202 – Yaw Rate Sensor
Group 004 block 03, OK values = -3.00 to 3.00

Make sure that module is correctly coded and there are no other DTCs except the ones related to G85, G200 or G202

Check default value: group 004, block 03, OK values=-3.00 to 3.00

When moving the sensor connection cable, the value shouldn't change,
otherwise the cable if faulty

G85 - Steering angle sensor
Group 004, block 01, OK value=0 when steering wheel is centered

–Make sure that module is correctly coded and there are no other DTCs except the ones related to G85, G200 or G202

-Start the car

-Rotate the steering wheel to the right, then to the left

-Do a short test drive on straight, level road not exceeding speed of 20 km/h

DO NOT TURN THE STEERING WHEEL

```
*** START
```
-Stop the car, *WITHOUT* moving the steering wheel (it should be in center position if the car's geometry is OK)

-DO NOT SWITCH OFF THE IGNITION

-If the steering wheel was in center position while driving straight during test drive proceed, else do a car geometry check and rectify the problem

-**Log in with code 40168**

-Go to BASIC SETTING group 60, exit after approx. 1 second, not sooner, and remember (write down) value of block 2

-Value of block 2 should be **OK**

-DO NOT TURN THE STEERING WHEEL

-Go to measuring blocks check value in group 004, block 01

-If the value is 0, adaptation was done successfully, else, diagnose the problem, rectify it, and repeat the above procedure
```
*** END
```