

Operations Manual

Lowering of air suspension

Active Suspension Control BLE



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1. Disclaimer

The content listed in this manual is created with greatest possible care. The Cete Automotive GmbH assumes no responsibility for the completeness, topicality and accuracy for the listed content. The use of content takes place at the user's own risk. Therefore we - the Cete Automotive GmbH - assume no liability and responsibility for damages and defects, which arise from operation or incorrect handling and maintenance.

2. Copyright

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3. Safety Instruction

The installation can only be fulfilled by trained specialists. The installation has to be done while the car's battery is unplugged. The usage of the Active Sound Gateway® BLE is only applicable for the car models mentioned in this mounting guideline. The installation has to be done step by step as it's described in this mounting guideline. The Cete Automotive GmbH does not take responsibility for damages, caused through:

- improper installation
- the usage of unsuitable connectors
- installations in not mentioned car models

The producer reserves the right to change components without giving reasons. Errors and omissions excepted.

4. General Information

We ask you to read this manual thoroughly and completely and uphold to the given instructions. During the development we focused on safety, ease of use, design, innovative development, etc, to guarantee a high quality product for the consumer. Despite the greatest care improper installation and using or incorrect operation can result in material damages. Depending on the product and its purpose it may be necessary to check the legal requirements of the country before commissioning. To receive consideration for warranty claims the product has to be send back with its original package, the proof of purchase and an error description. Please note the returns policies. The warranty regulations apply. The warranty claim and the operating permit expire through: unauthorized modification of the product, own repairing, violent impacts, improper use, opening the case.

5. General Remarks

Please note, that the Active Sound Gateway® BLE is a vehicle requiring official approval product. Please register this product as soon as possible.

The Images and Content shown in this installation guide only serve as a help for you. Please remove the covers according to the repair manual of the respective manufacturer.

6. Technical data

Model name:	Active Suspension Control
Operating temperature:	-40 °C bis 85 °C
Operating voltage:	7 V bis 20 V
Average current consumption:	117 mA



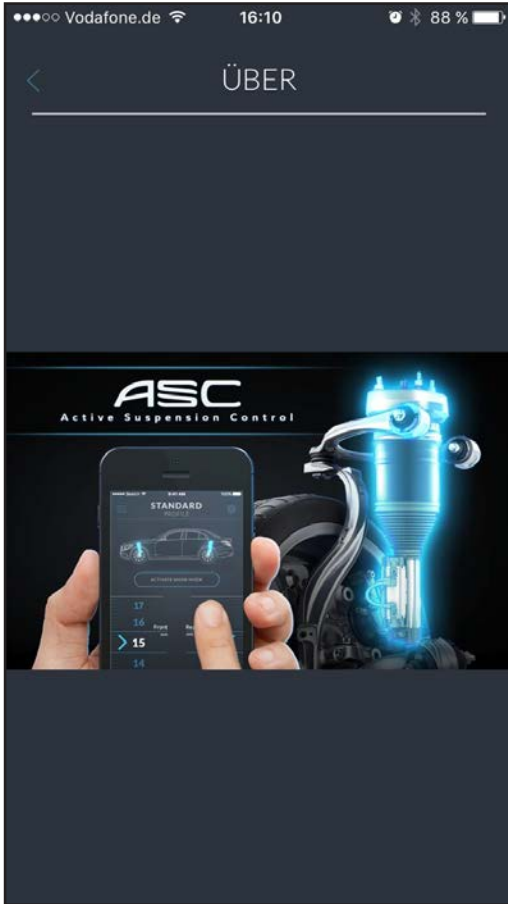
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7. Introduction

Thank you for purchasing Active Suspension Control BLE. The following chapters will give you understanding of the functions and operation.

You'll have the possibility to establish a quick connection between the original air suspension and one of your mobile devices.

The use of the mobile device is exclusively for the configuration of the Active Suspension Control BLE and is not necessary for selecting the profiles in the future.



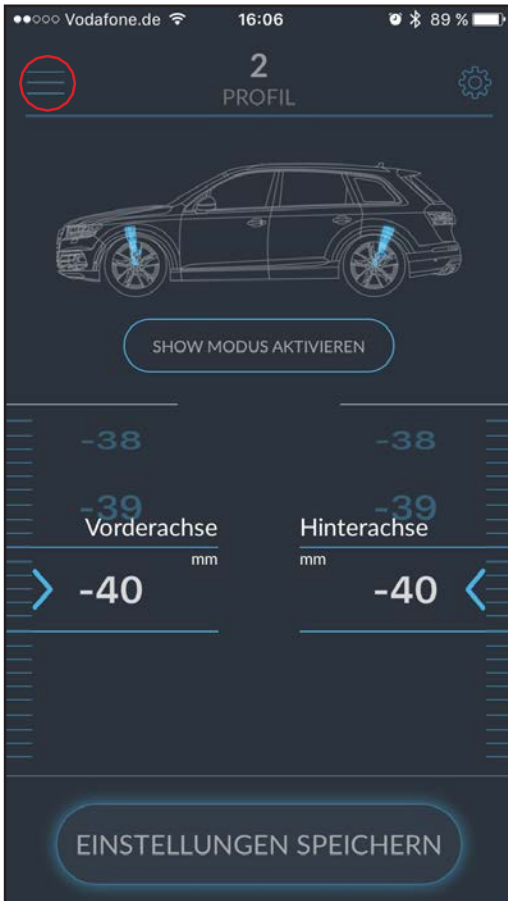
8. Connection via Bluetooth

First you need to download the App in your AppStore:
Active Suspension Control - BLE.

After installing the app, the connection between the mobile device and the Active Suspension Control BLE will be established via Bluetooth.

To do this, activate the Bluetooth function on your mobile device.

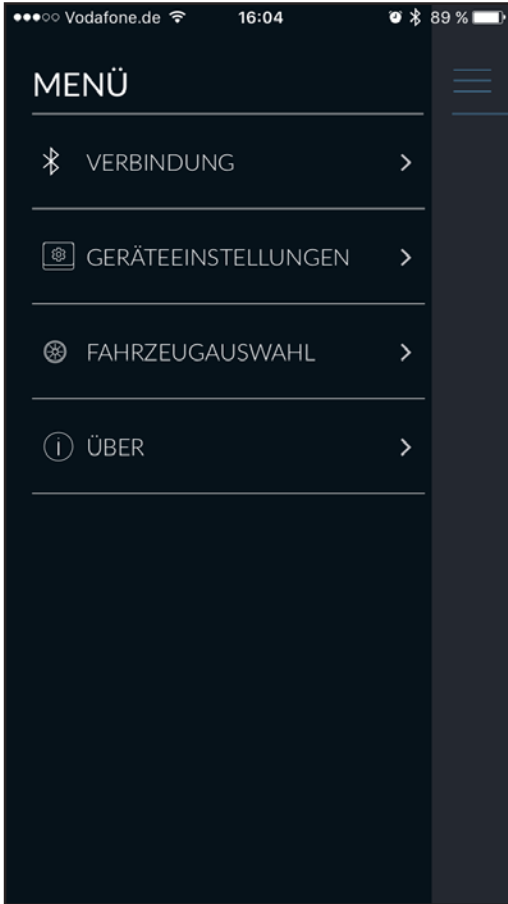
Then you'll open the app. You'll see the start screen. Go to the marked menu to connect to the module.



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8. Connection via Bluetooth

Select the "CONNECTION" tab in the open menu bar. A new window will open up.

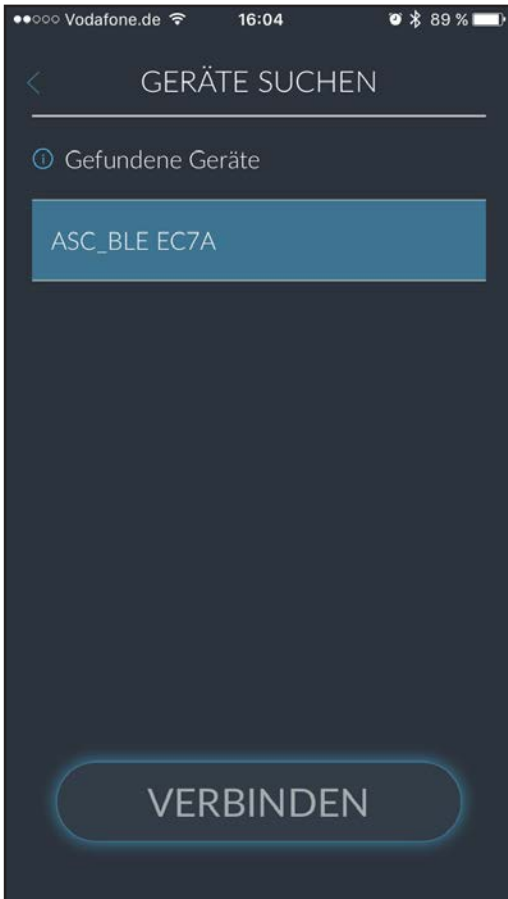


8. Connection via Bluetooth

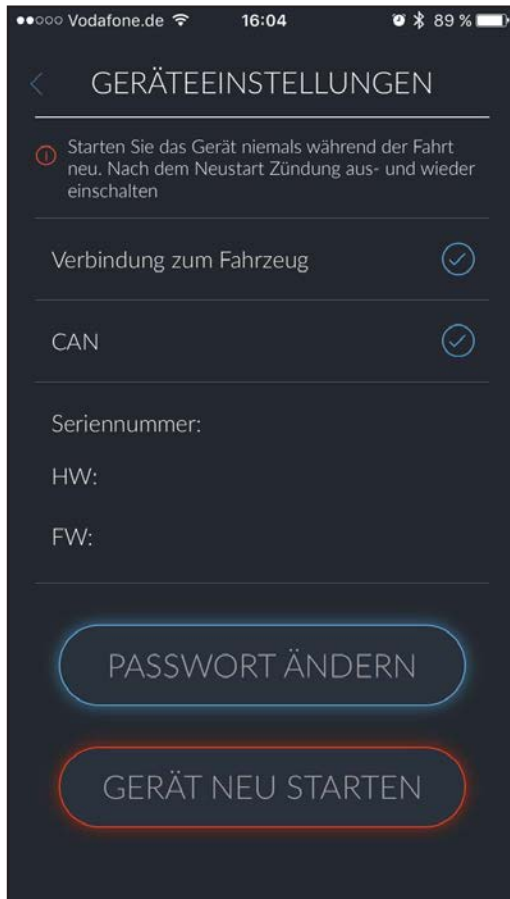
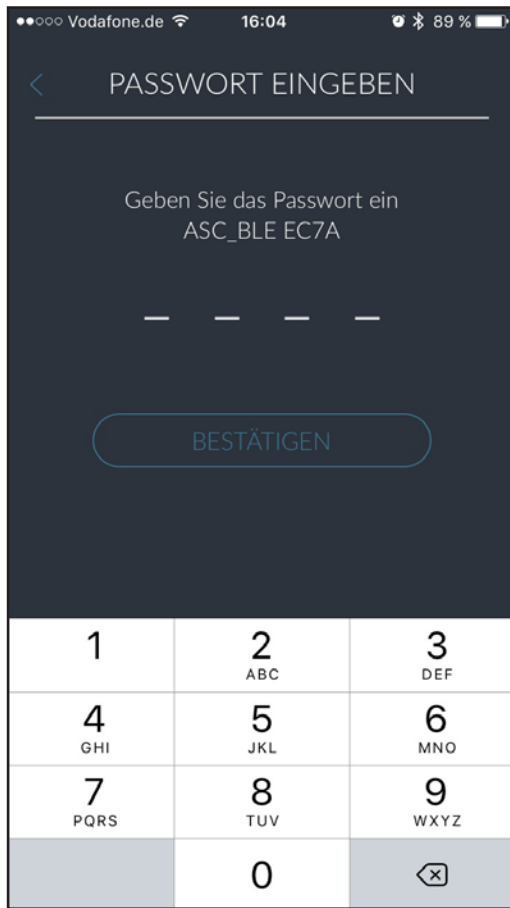
The device search for the Active Suspension Control BLE is carried out automatically and it will be displayed in the list with the name "ASC_BLE XXXX".

Please click on it and then connect - via the "CONNECT" button - with the Active Suspension Control BLE.

For the next time, the APP will do a auto-connect, please just wait for it. It can take up to 1 minute.



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8. Connection via Bluetooth

Before you are finally connected to the Active Suspension Control BLE, you'll need to enter a password.

The default password is "0000".

You have the opportunity to change it (see "9. Device Settings & Password").

Please note the new password carefully. If the new password is lost, this can only be recovered by us. This is a fee-based service!

9. Device Settings & Password

You can access the device settings by navigating to the menu via the start screen. To do this, simply click on the three horizontal, parallel strokes in the upper left corner of the app.

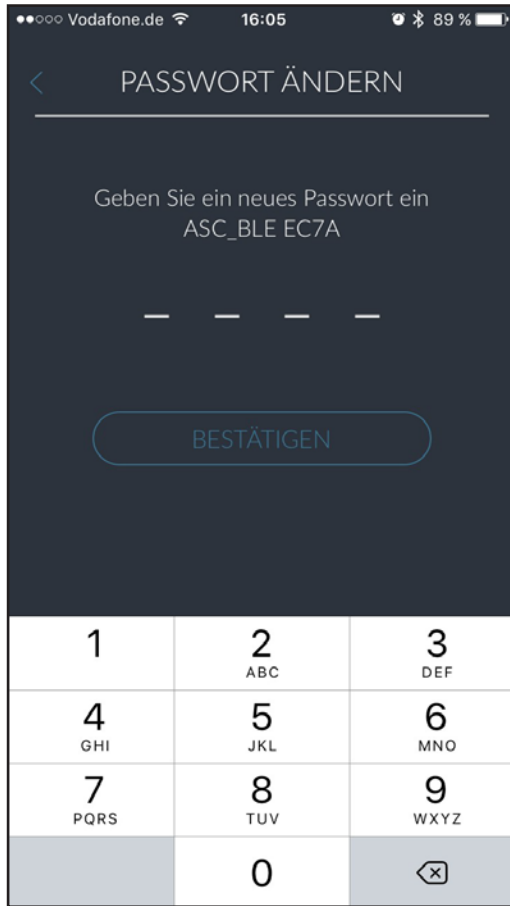
Click on the tab "DEVICE CONTROL" in the navigation.

You will now see if there is a connection to the vehicle and to the CAN-BUS.

In addition, you will find the serial number, the firmware (FW) and the hardware (HW).

It is also possible to change the factory password or to restart the device.

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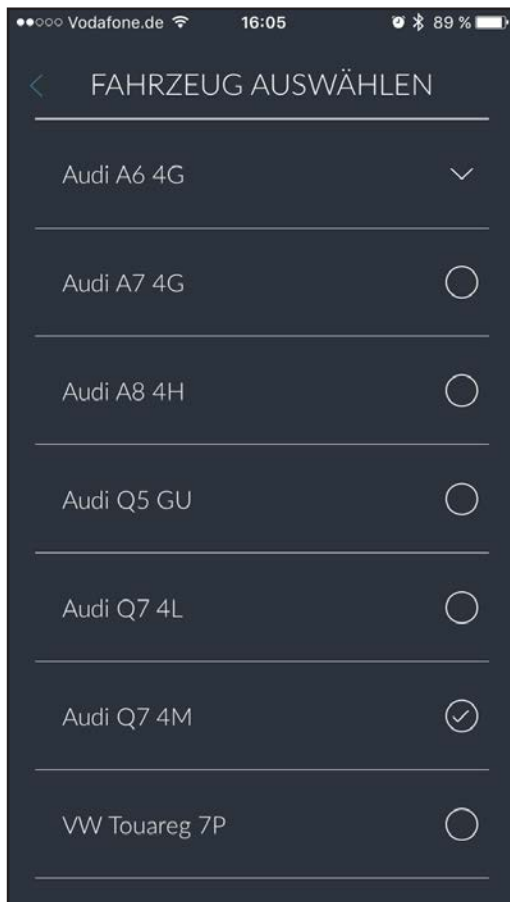
9. Device Settings & Password

To change the password, first enter the current password (default "0000") and click "NEXT".

Now enter the new password and click "CONFIRM".

The new password must consist of four digits and must not contain special characters or letters!

Please note the new password carefully. If the new password is lost, this can only be recovered by us. This is a fee-based service!



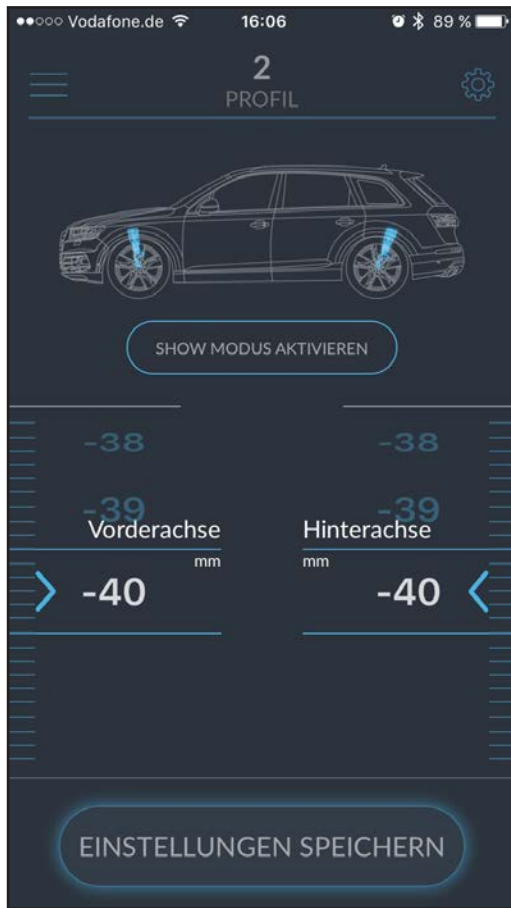
10. Selecting of Vehicle

You can access the device settings by navigating to the menu via the start screen. To do this, simply click on the three horizontal, parallel strokes in the upper left corner of the app.

Click on the tab "FAHRZEUGAUSWAHL" in the navigation.

You have the option to choose between different vehicles. The selected one is then displayed in the start screen and will be animated while set-up.

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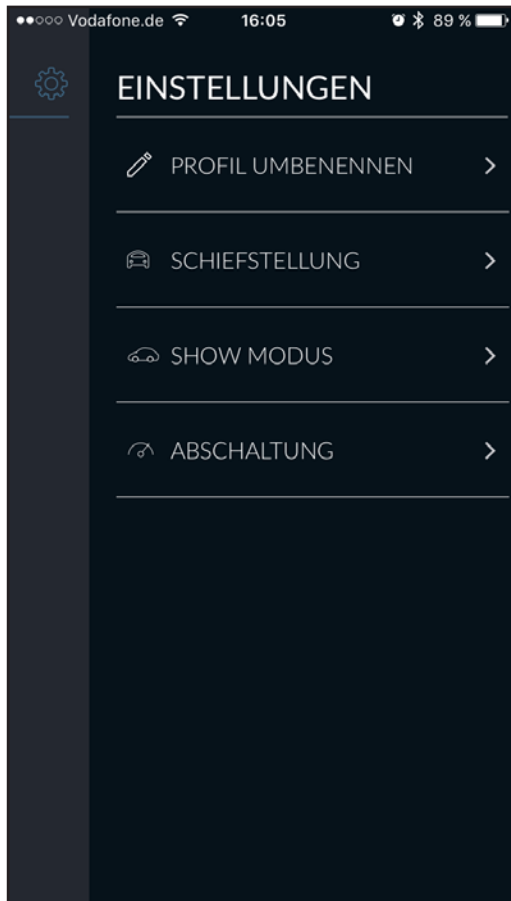


11. Lowering

After starting the app you are directly in the main menu - the lowering.

By wiping the values up or down, you have the option to separately set up the front or rear axle lower or higher. By adjusting the values, the vehicle is then lowered accordingly.

The displayed vehicle can be changed in the menu (see "10. Selecting of vehicle").



12. Settings

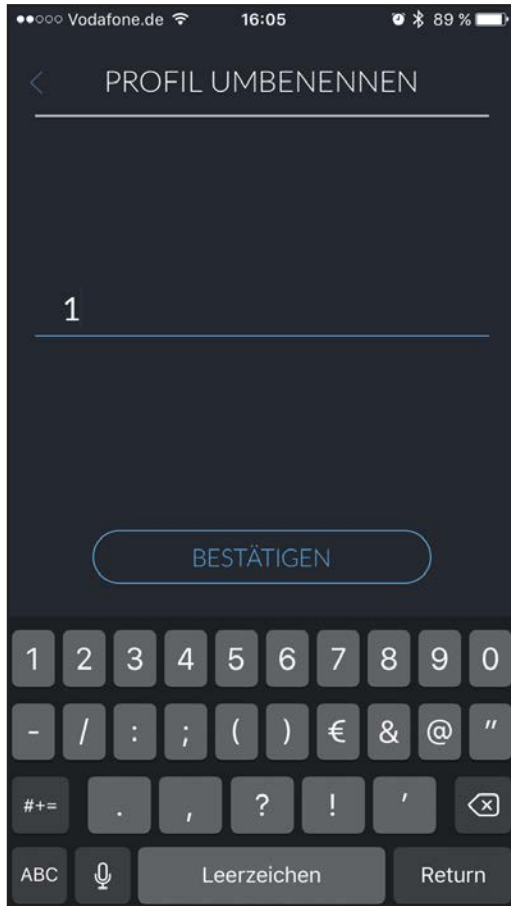
You can access the device settings by navigating to the menu via the start screen. To do this, simply click on the gear in the upper right corner of the app.

You can use the navigation to open the tabs:

- Rename profile
- Misalignment
- Show mode
- Shutdown

These functions in the navigation are explained in more detail on the next pages.

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13. Rename profile

Here you have the possibility to create a suitable name for the profile. Enter the name and click on „confirm“.

We recommend assigning a suitable name to each profile.

Each driving program represents a separate profile, controlled by Drive Select at Audi for example.

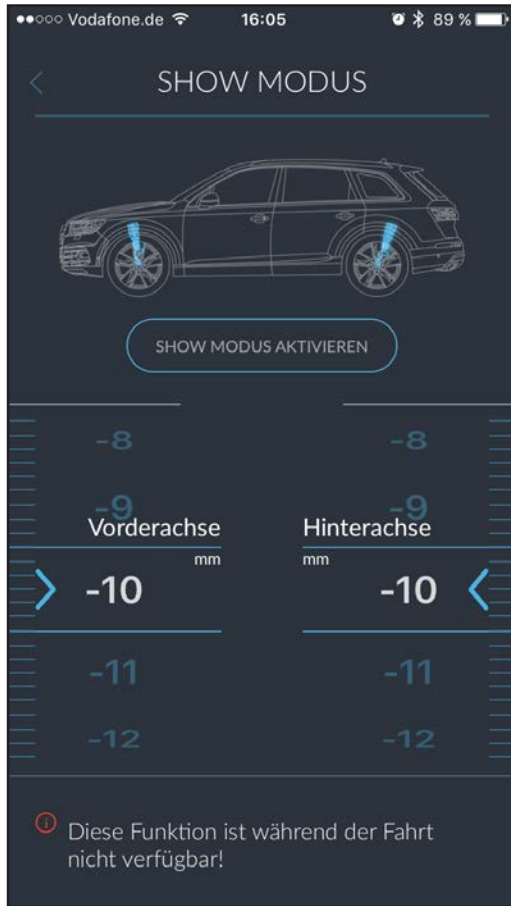
The app works synchronously with the vehicle and shows the currently selected driving profile



14. Misalignment

The function "Misalignment" allows you to manually compensate possible misalignment on the front or rear axle.

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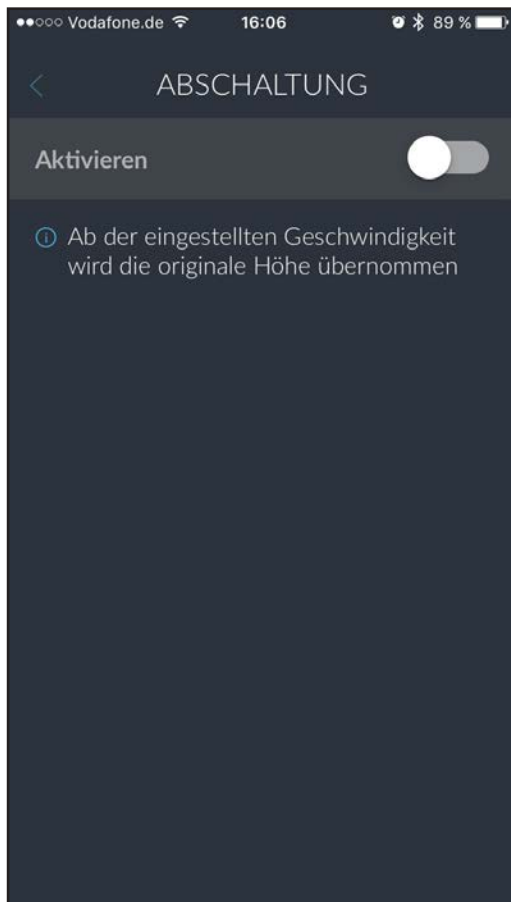


15. Show Mode

In the "SHOW MODE" area, you can set your desired values for a low mode.

By clicking "ACTIVATE SHOW MODE", this mode is activated.

The show mode is automatically deactivated when the profile is changed or when the vehicle starts driving.



16. Shutdown

By activating this function, the air suspension returns to the original height when exceeding a set speed limit.

Your Active Suspension Control BLE is delivered with a speed limit of 120 km / h.

This means that your vehicle will return to the original height of the selected driving profile from this speed.

When the speed you set here is reached, an internal buffer is activated. If you are clearly below this speed threshold, the vehicle is brought back to the respective selected setting.

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16. Warning Message

If you choose a very deep lowering dimension, a warning will be displayed.

By retaining the value, you expressly agree that you will reduce the ground clearance of your vehicle in such a way that an authorization from the vehicle in road traffic could be excluded.

Please note the traffic regulations.

We wish you all the best for the ride and enjoy the Actvice Suspension Control.