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# SEIKEL *ProAir*

Off-road air suspension

## OPERATING INSTRUCTIONS

All you need to know

V06 | 2024-12-12

This version replaces all previous versions

Thank you for choosing the SEIKEL *ProAir* off-road air suspension!

Before using the system for the first time, read and observe the information in this operating manual so that you can get to know quickly and comprehensively the system in order to avoid any damage. In addition to the information on operation, safety instructions and maintenance, you will also find general tips and tricks for using the SEIKEL ProAir air suspension in this document.

In the event of problems or malfunctions, please contact your specialist company that carried out the installation directly.

We wish you a safe journey with our ProAir off-road air suspension.

**Your Seikel GmbH**



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**6th revised version dated 12th December 2024. This version replaces all previous versions.**

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The information on technology, scope of delivery, appearance, performance, dimensions and weights as well as illustrations and all information on technical data correspond to the knowledge available at the time this brochure was prepared. In the course of further development, we reserve the right to make changes without prior notice.

**At every service appointment – or in the case of general vehicle repairs – please inform the service advisor about the installed SEIKEL *ProAir* air suspension system and hand over these operating instructions.**

### The digital installation guide

This QR code provides you with a link to download the latest version of the SEIKEL ProAir installation guide as a PDF.



### The mobile app „SEIKEL ProAir“

This app is essential for software updates, but can also be used as an alternative control system.



Search for „seikel proair“.

### Connect with your SEIKEL ProAir system

As soon as the app is installed on your smartphone, you can connect to the control unit of the SEIKEL ProAir technology box via bluetooth code (PIN) below:

### Minimum smartphone version requirements:

Android: version 10 | iOS: version 14.0

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**If you have any questions**, you can reach us Monday–Friday at +49 6055 90792-0.

**For emergencies on special days**, such as company holidays or bridge days, please dial +49 170 2410935.

**Please only use the mobile number in special emergencies and not for regular enquiries or communication. Many Thanks!**

## CONTENT

Important basic information .....	6
Scope of delivery .....	8
System description .....	11
Safety regulations .....	12
Operation .....	4
Start setting .....	16
Driving settings .....	16
– Cruise & Gravel .....	16
– Offroad .....	16
– Crawl .....	16
– Parking Deck .....	17
Settings when the vehicle is stationary .....	18
– Zero levelling .....	18
– Lowering left/right .....	18
– Lowering rear/front .....	18
– Emergency operation .....	19
– System off/shut .....	19
Control values and Failure of height sensors .....	20
System settings .....	21
Software-Update .....	22
Warning system .....	24
Error messages and self-help .....	25
Emergency filling .....	27
Maintenance instructions and inspections .....	28
Own notes .....	34
Important workshop information .....	35
Calibrate System .....	38

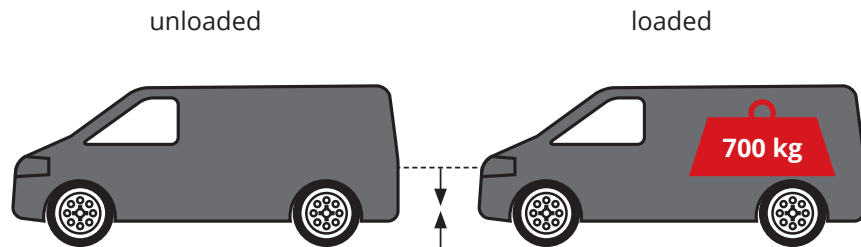
## IMPORTANT NOTE!



Since the vehicle body, regardless of the cargo weight, does not visually lower at any point, a visual check for overloading is not possible; this can lead to unintentional overweight. The responsibility for the compliance with the permissible total weight is solely with the driver of the vehicle.

Overloading can damage the SEIKEL *ProAir* system and other components. If you are in any doubt as to whether the vehicle is overloaded, the vehicle should be weighed and the axle loads determined. Damage caused by overloading will not be reimbursed.

In the event of a failure of the SEIKEL *ProAir* system, it is possible to continue driving at an adapted speed of max. 50 km/h and in compliance with the corresponding precautionary measures (see pages 19 „Emergency operation“ and 24 „Warning system“).



**The vehicle height set before loading remains the same regardless of the load.**

Careful operation of the SEIKEL *ProAir* off-road air suspension is not only for safety, but also to maintain its value. Improper use will invalidate any warranty claim. (For more on safety regulations and warranty, see page 12).

These operating instructions are an integral part of the SEIKEL *ProAir* off-road air suspension. We recommend that you always keep the operating instructions in the vehicle. When selling the vehicle, this document must be handed over to the new owner.

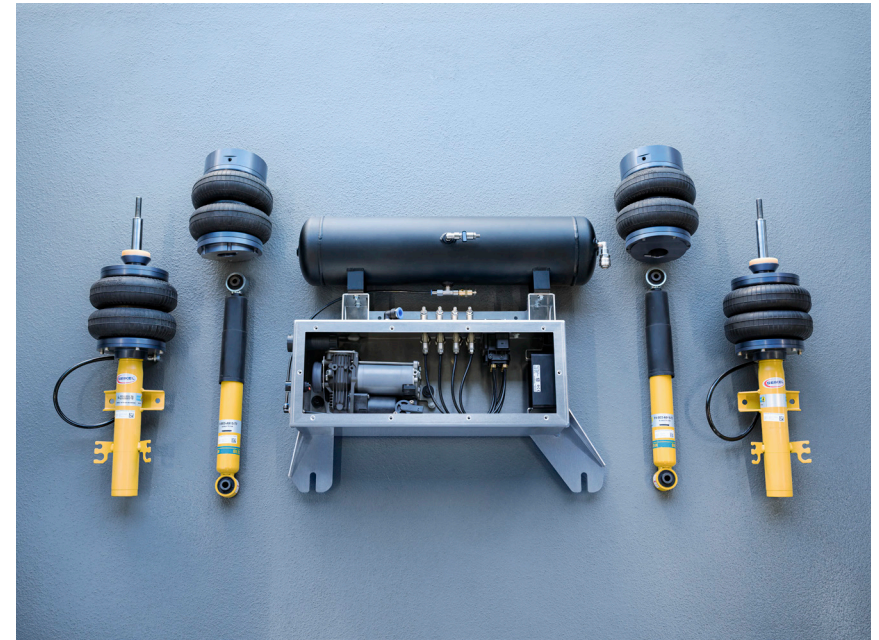
The SEIKEL *ProAir* off-road air suspension is a technical modification and therefore subject to registration. After the modification, the vehicle must be immediately presented to an officially recognised technical inspection authority for the performance and confirmation of the prescribed modification inspection, on presentation of the parts certificate provided. The certificate with the confirmation of the modification inspection is to be carried with the vehicle documents. Depending on the stipulation in the modification inspection, the vehicle documents must be changed by the responsible registration authority.

**Do not let the system distract you from the general traffic situation.**

## SCOPE OF DELIVERY

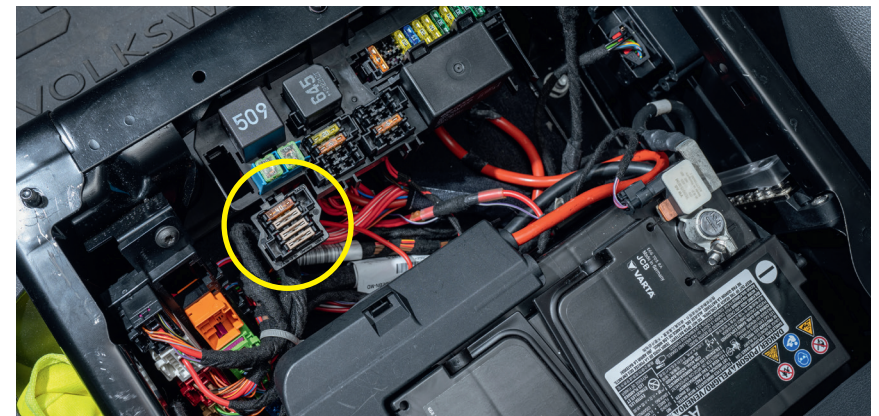
### The main components:

- 4 shock absorbers with SEIKEL identification in figure
- 4 air bellows (Continental) with double chambers in figure
- 4 height sensors together with brackets
- 1 electronics unit together with
- 1 compressor in waterproof technical box in figure
- 1 aluminium air tank in figure
- Wiring harness
- Warning buzzer
- Air hoses with  $\text{Ø } 6 \times 4 \text{ mm}$ , starting from the technical box and routed to the bellows.
- 4 valves installed on the technical box for emergency filling
- 1 control unit with fixed connection in the vehicle
- 1 holder for the control unit
- 1 instruction manual
- 1 parts certificate



### Electrics:

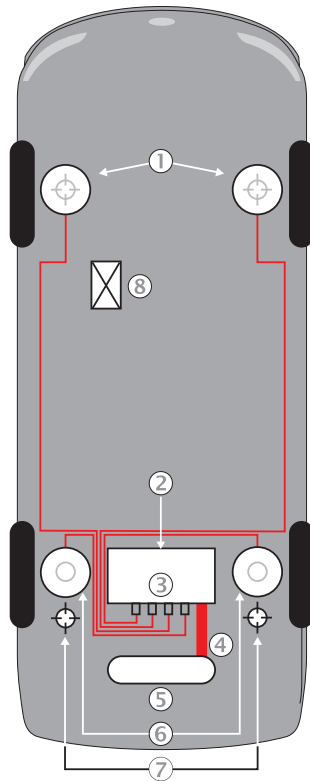
- Circuit protection for the electrically powered and electronic components of the air suspension is provided by four fuses in a separate fuse strip under the driver's seat (see right).
- The 40A fuse protects the compressor, the three 5A fuses protect other electronic components of the system.



**If any work on the electrics should become necessary while travelling, this must only be carried out by a specialist in electrical work!**

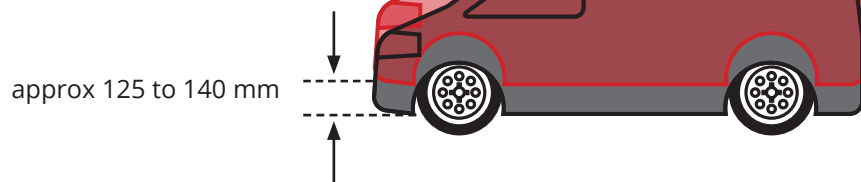
## CONSTRUCTION SCHEME

- ① Front shock absorber with air bellows
- ② Technical box with control unit and compressor. ⚠ Never employ car jacks to the technical box!
- ③ 4 Connections of the air lines:
  - RL/HL = Rear Left/Hinten Links
  - RR/HR = Rear Right/Hinten Rechts
  - FL/VL = Front Left/Vorne Links
  - FR/VR = Front Right/Vorne Rechts
 4 independent air ducts
- ④ Connection from the compressor in the technical box to the air tank
- ⑤ Air tank
- ⑥ Air bellows rear
- ⑦ Rear shock absorber
- ⑧ Control unit in the vehicle



## VARIABILITY OF VEHICLE HEIGHT AND GROUND CLEARANCE

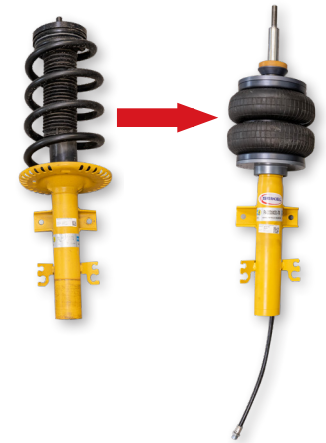
PARKING DECK > CRAWL



## SYSTEM DESCRIPTION

The SEIKEL ProAir is an air suspension system for on-road and off-road use. The electronic control unit and the compressor are mounted waterproof and protected in a technology box under the vehicle in the spare wheel well. The system is operated via a control panel permanently installed in the vehicle or by app

Instead of conventional steel springs, air bellows are installed as the suspension system, which, together with specially tuned shock absorbers with SEIKEL identification, ensure agile and safe handling. With several modes to choose from, the suspension can be adapted to a wide variety of situations. The set height is constantly monitored by sensors and always kept constant, regardless of the load condition.



The control panel allows to set vehicle height/ground clearance to be changed. Since each bellows is connected to the electronic control unit in the technology box by its own air hose, we speak of a system with four self-contained air circuits. This provides for maximum dynamics and, with zero levelling, high adaptability to the actual conditions. With this levelling option, for example, when camping, unevenness of the ground can be compensated for as far as the maximum spring travel at the wheel positions allows. An additional advantage is, that in the event of a possible, but rather unlikely, damage to an air hose, the entire system does not fail. You can read all about the control unit and the various functions from page 14 onwards.

## SAFETY REGULATIONS

### **SEIKEL ProAir must not be technically modified!**

Any modifications to the chassis, the chassis settings, the shoring condition and the electronic control system must be carried out exclusively by Seikel GmbH or an authorised installation partner. In the event of unauthorised modifications or modifications carried out by unauthorised third parties, invalidate all warranty claims.

- ▶ SPEED LIMITATION in „CRAWL“ mode: 50 km/h.  
For more information, please read the detailed information under Driving setting „CRAWL“ on page 16.
- ▶ SPEED LIMITATION in ‚PARKING DECK‘ mode is permissible at a max. speed of 30 km/h. Read the detailed information in Driving mode „PARKING DECK“ on page 17.
- ▶ These two restrictions are solely to prevent damage to the air suspension system, vehicle frame or other components. The driver of the vehicle is solely responsible for the execution!
- ▶ After switching off the ignition, the last mode set remains stored and the compressor goes into an idle state. As soon as the ignition is switched on again and the engine is running, the system automatically starts in the last mode used. If there is a loss of pressure, the compressor readjusts (humming sound).
- ▶ In the case of vehicles with high roofs or roof superstructures, the parking garage level of less than 2.00 m that is theoretically possible for the Volkswagen Transporter cannot be achieved under any circumstances!

- ▶ Each customer is recommended to self-determine the height of the vehicle with the vehicle lowered to the „Parking Deck“ or have it determined and recorded shortly after the installation of the SEIKEL ProAir. If an awning or roof structure is installed or will be installed later, this must be taken into account when determining the height.
- ▶ Always make sure that the vehicle is not overloaded. Overloading cannot be detected by the SEIKEL ProAir air suspension system.
- ▶ The SEIKEL ProAir system cannot prevent damage to the vehicle or body caused by overloading.
- ▶ The customer is responsible for checking the weight of the vehicle and compliance with the permissible total weight and axle loads.
- ▶ The compressor of the SEIKEL ProAir system cannot be used as a compressor for filling the tyres with air! Such an operation would interrupt the closed air pressure system and foreign air and moisture could penetrate and damage the system. Unauthorised modification of the system leads to the exclusion of any warranty by Seikel GmbH.
- ▶ Due to the installation of the SEIKEL ProAir air suspension, the spare wheel can no longer be mounted in the factory-provided space under the vehicle. It is the responsibility of the vehicle owner to safely stow the wheel elsewhere in or on the vehicle.

## OPERATION

The functions of the SEIKEL *ProAir* air suspension and the modes are selected by means of the remote control. The various pages can be called up in the display via finger-swipe action.

**When selecting a mode** by tapping on the symbol, the symbol flashes until the chassis setting of the SEIKEL *ProAir* is completed.

**By tapping the menu symbol** in the top right-hand corner, the complete menu is displayed and an explanation can be called up for each topic. However, for safety reasons, the menu and the topics can only be called up when the vehicle is stationary.

**In general, the height levels can be changed** while the vehicle is moving. However, with increasing speed, the inaccuracy of the setting also increases. The most accurate setting is made when the vehicle is stationary, which is preferable. An accurate altitude value is particularly important in the case of altitude restrictions (e.g. car park).

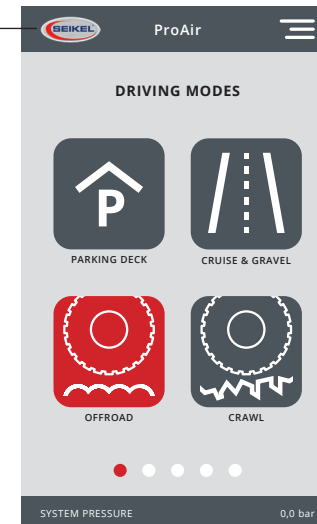
**A 'dark mode' can be set** by tapping on the SEIKEL logo. Until you switch back to the standard view, the dark mode remains even after changing the ignition! The adjustment of the brightness for this setting can be made on the last menu page. This is also maintained afterwards.

### Notes on page 15:

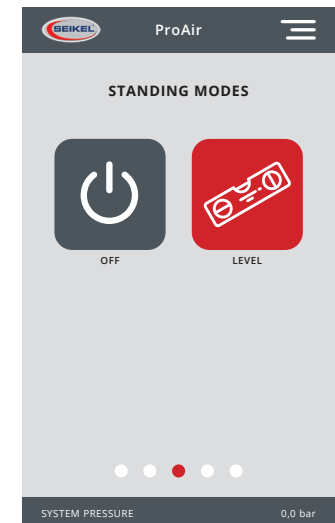
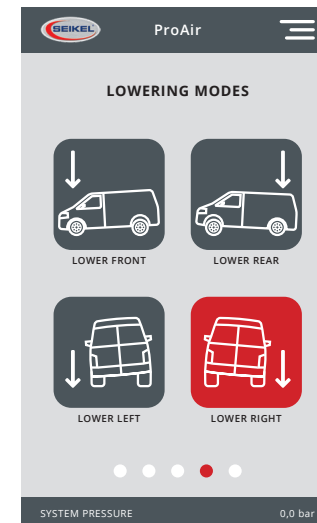
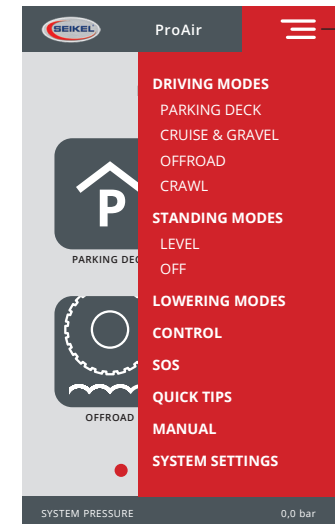
- Symbols illustrate the possible functions (modes)
- A selected function in action is indicated by a red symbol.
- An explanatory text is provided in the menu for each symbol.
- The screens can be changed by swiping the visible screen to the left or right.
- The dots at the bottom indicate the number of screens. The arrangement of the visible screen is shown in red in the row of dots.

## SCREENS – SAMPLE IMAGES

Switch to dark mode



Hide and show menu



## START SETTING

When the vehicle ignition is switched on, the SEIKEL *ProAir* operating system also starts. **The air suspension should only be operated when the engine is running - ideally when the vehicle is stationary.**

## DRIVING SETTINGS - MODES IN DRIVING MODE



### CRUISE & GRAVEL

Ideal air suspension setting for tar, dirt roads, gravel and sandy tracks.



### OFFROAD

+ 30 mm ground clearance in comparison CRUISE & GRAVEL.  
Driving on very bad Tracks or unpaved terrain.



### CRAWL

+ additional 20 mm ground clearance compared to OFFROAD or 50 mm compared to setting CRUISE & GRAVEL.

This mode should only be selected for very slow driving and for overcoming obstacles in difficult terrain, as the compression/ deflection travel is (severely) limited.

**Attention: a max. speed of 50 km/h is permitted!**

- At 50 km/h an acoustic warning signal sounds.
- At 55 km/h the warning sound changes to continuous tone.
- At 60 km/h, the system lowers to the lower mode „OFFROAD“.

Adjustment while driving is generally possible, but with increased compressor activity. The vehicle movements lead to differing measurement values. These need to be equalised via the compressor by constantly readjusting the electronics.

## PRESSURE BUILD-UP WITH COMPRESSOR RUNNING

When adjusting the ride height, the message during the pressure build-up message 'Pressure fluctuates' appears. To prevent the compressor from running constantly, it only switches on from 8.0 bar and switches off again from 11.0 bar.



### PARKING DECK

Low setting of the air suspension for the parking garage. Based on the SEIKEL chassis in conjunction with A/T tyres (BF Goodrich) in dimension 245/65 R17, this results in a vehicle height of approx. 1.99 m for the Volkswagen T6 California with awning. Attention: this is only a reference value. We recommend that you determine the height of your vehicle individually.

**Attention: Observe the height specifications before driving into buildings! Wait until the parking garage symbol stops flashing, then max. speed of 30 km/h is permitted!**

- An acoustic warning signal sounds at 30 km/h.
- At 35 km/h the warning signal changes to a continuous tone.
- At 40 km/h, the vehicle elevates to „CRUISE & GRAVEL“ level.
- If the parking garage or garage height is not sufficient now, damage to the vehicle and car park is to be expected!



**When the handbrake is applied, precise height adjustment is difficult; if necessary, apply the foot brake (for manual transmission) or position 'P' (with DSG).**

## MODES WHILE THE VEHICLE IS STATIONARY



### ZERO LEVELLING

Automatic levelling of the vehicle's longitudinal and transverse axles to as horizontal a level as possible, for example when camping. This is limited to the maximum suspension travel. The vehicle levelling can take about 5 minutes, depending on the circumstances. Please note the important information on page 37!



### LOWER LEFT AND RIGHT

The possibility of lowering the vehicle independently to the left or right makes loading or boarding easier. Ideal for transporting disabled persons or wheelchairs, for example.



### LOWERING REAR

This mode simplifies loading and unloading the vehicle.



### LOWERING FRONT

This mode facilitates access to the engine compartment.

The respective inclination angles are displayed on the screen with the control data screen (see page 20).

Ideally, select a specific driving mode before driving on so that the chassis returns to its normal position and the system can not be damaged by driving at an angle.



**When the vehicle starts moving, at 30 km/h it automatically switches to the last driving mode.**



### OFF - Button appearing in red indicates 'active'

When the OFF button is activated as a 'special mode', the compressor and sensors are switched off and the current height setting is fixed at the same time. This prevents systematic height adjustment during extreme off-road driving, e.g.

- a) during an inclined position or in the event of an entanglement (e.g. in sand, mud or snow)
- b) during freewheeling and mountain manoeuvres

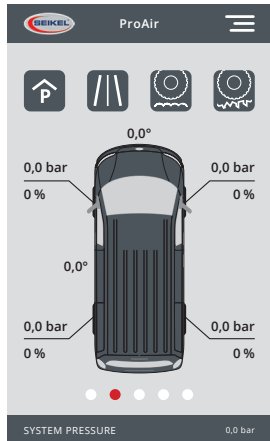
As the last selected driving mode is retained up to a subsequent speed of 30 km/h, it is not necessary to select a different driving mode than before switching off. The OFF mode remains logged in even after changing the ignition. If the OFF mode is cancelled manually, a driving mode must be set again manually. **During workshop work, this function can be used to permanently set a desired vehicle level of the vehicle.**

### EMERGENCY OPERATION

Emergency operation occurs automatically in extreme cases that are unlikely to occur. This is signalled by a warning buzzer. At the same time, the display indicates a maximum speed of 50 km/h!

As the suspension of the vehicle is limited purely to the suspension properties of the tyres, the air bellows can be damaged when driving in emergency mode. Therefore, after driving in the event of a system failure, the entire SEIKEL ProAir system, including the air bellows, must be professionally inspected and, if necessary, repaired.

Contact your installation partner immediately:



## CONTROL DATA

The degree information on the front and side indicate an inclination of the vehicle:

- positive values mean an increase,
- negative values result in a reduction in this position.

### Values per wheel position:

**bar** = the air pressure values in the individual bellows. These depend on the respective wheel load and can therefore differ. Preferably, they should be similar or same in the driving modes. With zero levelling, values are obtained according to the ground level situation per wheel.

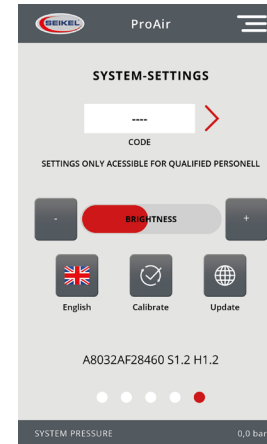
**% data on the wheel positions** = refer to the current deflection state of the shock absorbers in relation to the maximum spring travel.

**System pressure** (in the lower panel):  
is normally 10,5–11,5 bar

### Failure of one or more height sensors because of exterior damage (e. g. off-road terrain):

If there is a defect, the system automatically switches to the last saved pressure and the corresponding height/ground clearance for the affected air bellows. However, the system can no longer adjust the height and therefore the % information on the display as precisely as with an intact sensor.

To drive on is no problem if you accept this limitation.

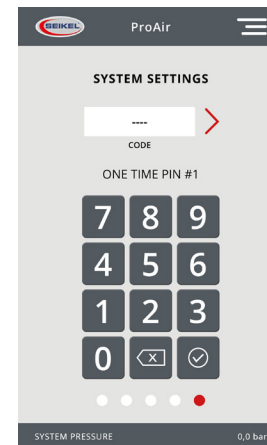


## SYSTEM SETTINGS

**Display & brightness (also in dark mode)**  
The display brightness can be adjusted using the slider. The brightness level can be set for both day and dark mode and is maintained.

### Language version (DE, EN, FR)

Tapping on the country code switches to a subpage for selecting the language version. After < back, the desired country flag appears and the entire content of the operation is customised.



### One-time PIN for emergency situations

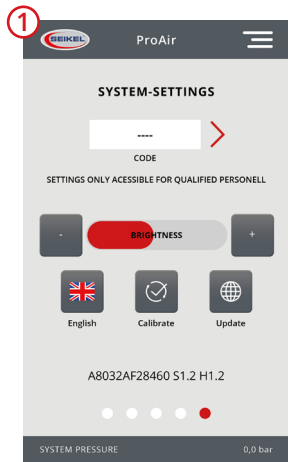
In emergency situations, it is possible to obtain a specially generated PIN for logging into the back end of the system control by calling SEIKEL. When the code field is tapped, the numeric keypad appears. There, settings can be made to eliminate faults under guidance, such as switching the control of sensor values to saved pressures if a sensor fails.

**System calibration in exceptional cases, without workshop support.**  
Follow the instructions in the workshop section of this brochure on page 38.

**Access to the back end via PIN code only for technicians trained on SEIKEL ProAir.**

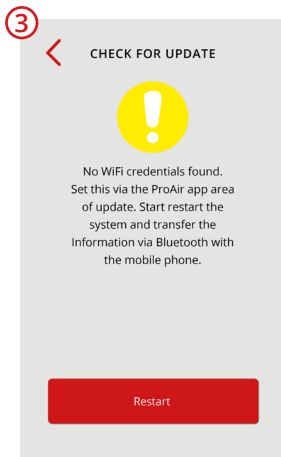
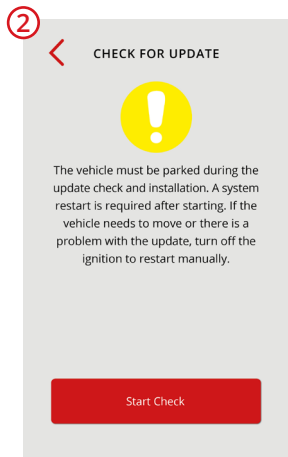
# SOFTWARE UPDATE

Requirements: smartphone with the latest version of the SEIKEL ProAir app installed and a WiFi-Network (2.4 G) with working internet connection. Connect the smartphone to the SEIKEL ProAir system via app (Bluetooth) before starting the update. For everything else, the initial setup for updating downloads should already have been done. Updates can be done with a WiFi connection to a network or with a Wifi hotspot (e. g. via smartphone).



After the initial setup, where a network was identified and introduced to the SEIKEL ProAir-system in the app, the control panel in the vehicle uses the last WiFi connection entered in the app.

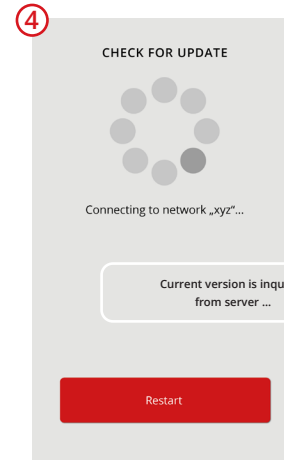
By clicking on the globe symbol the SEIKEL ProAir system connects via WiFi with the internet and the server on which the website is located. Next steps via the control panel.



appears, when a WiFi network is already known.

appears, when no WiFi data is available.

Follow the instructions on the display.

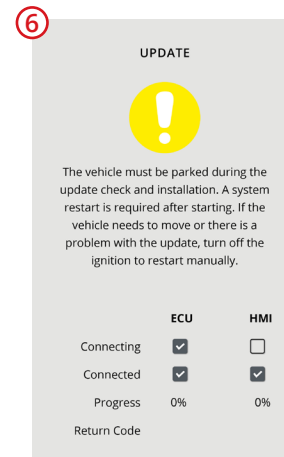
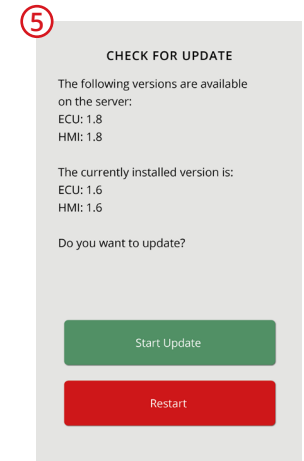


After successful internet access, the connection to the target network is established and the currently available software version is inquired.

As soon as this screen appears on the control panel, you will see the available software version and the currently installed software version in your vehicle.

*ECU = control unit/ HMI = control panel  
Shown values are exemplary.*

Decide now if a update should be done.



Last step:  
 - The progress of the update is displayed with percentage values.  
 - After completion, the SEIKEL ProAir system restarts automatically with the new software version.

## WARNING SYSTEM IN CASE OF COMPRESSOR FAILURE

The SEIKEL *ProAir* system has an automatic warning logic that detects the severity of the fault and shows it on the display. The upper third appears in colour and with text information..

Blue = Information

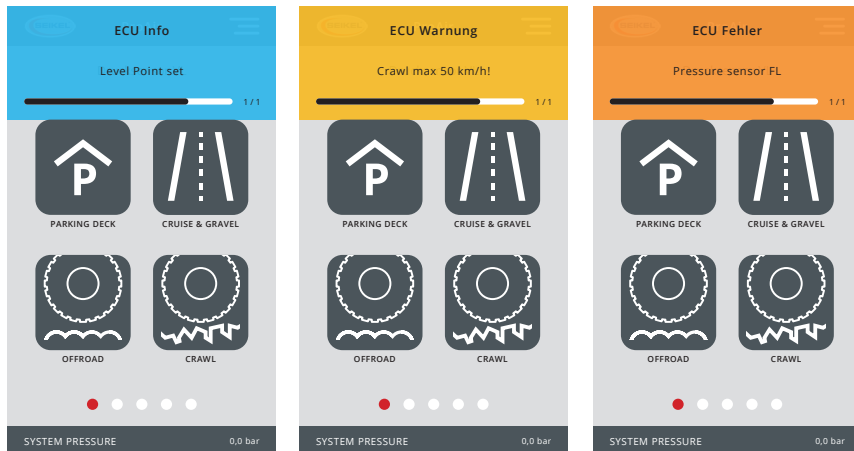
Pure text reference

Yellow = Warning

Observe recommendation for action

Orange = Error = Alarm

Technical problem - Contact installation workshop as soon as possible



## EXAMPLES OF POSSIBLE ERROR MESSAGES

Error type	Error text	Info or recommendation (to-do)
Error = Alarm	Pressure sensor VL	Contact installation partner!
Error = Alarm	Pressure sensor VR	Contact installation partner!
Error = Alarm	Pressure sensor HL	Contact installation partner!
Error = Alarm	Pressure sensor HR	Contact installation partner!
Error = Alarm	Height encoder VL	Contact installation partner!
Error = Alarm	Height encoder VR	Contact installation partner!
Error = Alarm	Height encoder HL	Contact installation partner!
Error = Alarm	Height encoder HR	Contact installation partner!
Error = Alarm	Analogue system error	Contact installation partner!
Error = Alarm	Acceleration sensor	Contact installation partner!
Error = Alarm	BUS error	Contact installation partner!
Error = Alarm	Missing calibration	Contact installation partner!
Warning	Regulation changed under pressure!	Contact installation partner! Continued travel is possible.
Warning	Low system voltage	Start engine
Warning	Car park max. 30 km/h!	Observe speed!
Warning	Height adapted to speed!	Reduce speed!
Warning	Crawl max. 50 km/h!	Observe speed!
Info	Wrong PIN!	Enter PIN again
Info	Levelling point set!	No need for action

## ERROR MESSAGES AND SELF-HELP IN THE EVENT OF MALFUNCTIONS

<p><b>The control unit does not work or the display is blocked.</b></p>	<ol style="list-style-type: none"> <li>1. Switch on ignition.</li> <li>2. Pull the plug out of the control unit and plug it in again. Wait until the first operating page appears after the start screen, pull out the plug again and plug it back in. Repeat the procedure 3 times.</li> <li>3. Calibrate the touch screen: Blue dots appear 3 times in succession at different positions on the screen. Tap the dots with your finger each time they appear.</li> </ol>
<p><b>The vehicle is tilted in one or more directions and the control values in the display deviate substantially.</b></p>	<p>One or more bellows have lost air.</p> <ol style="list-style-type: none"> <li>1. Switch on the ignition and activate <i>ProAir</i>.</li> <li>2. Lower the vehicle to „Park“.</li> <li>3. Set the mode again for the desired</li> </ol>
<p><b>In the event of a height sensor error, the control automatically switches from height-based control to pressure-based control.</b></p>	<ol style="list-style-type: none"> <li>1. If there is an error in one or more height sensors, the height values of the factory setting are replaced by the corresponding pressure values.</li> <li>2. If there are no stored pressure values, averaged default values are used.</li> <li>3. You can continue, but contact your installation partner as soon as possible.</li> </ol>

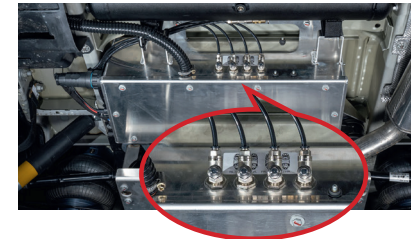
## EMERGENCY FILLING IN THE EVENT OF COMPRESSOR FAILURE



**Before emergency filling, be sure to remove the fuses from the fuse holder (see page 9). Only then fill the system. Only reinsert the fuses after the fault has been rectified.**

**Explanation: Otherwise there is a possibility that the system electronics will change the pressures again.**

The valves for emergency filling with compressed air are located on the visible side of the technical box under the vehicle. Any compressor with a normal valve connection for car tyre valves is suitable for filling, e.g. a mobile, carried or at the petrol station.



The marking of the valves indicates where the air hoses lead to:

RL/HL = Rear Left / Hinten Links  
 RR/HR = Rear Right / Hinten Rechts  
 FL/VL = Front Left / Vorne Links  
 FR/VR = Front Right / Vorne Rechts

Temporarily fill the system with these air pressure values:

Driving mode	RL/HL	RR/HR	FL/VL	FR/VR
CRUISE & GRAVEL	4,0 bar	4,0 bar	3,5 bar	3,5 bar

**Avoid extreme off-road driving with the emergency air pressures, as they are only intended for normal driving until the next repair opportunity. Only reinsert the fuses after repair.**

## MAINTENANCE

The SEIKEL *ProAir* air suspension does not require any special maintenance. By observing the following hints and tips, you can limit the natural wear and tear.

At least once a year (e.g. when servicing the vehicle), more often in the case of heavy off-road use, a visual inspection of all components should be carried out. These must be checked for damage:

- ▶ Shock absorber: for oil leakage
- ▶ Air bellows: for the nature of the surface or objects stuck in between objects and pipework
- ▶ Air ducts: for loose fastenings and position
- ▶ Technology box: for damage and leaks in the connections and hoses
- ▶ Air Tank: visually for damage and leaks in the connections
- ▶ Sensors: remove visible, coarse dirt

**Do not use aggressive cleaning agents for cleaning.** The system is resistant to underbody washing in car washes or manual cleaning with a high-pressure cleaner. However, do not direct the jet head-on at pipes or fastenings.

If the vehicle is parked for a longer period of time, the vehicle may lower due to air loss. This is not a concern and can be remedied by switching on the system.

## ANNUAL MAINTENANCE INSPECTION

The first inspection is mandatory to maintain the product warranty and is carried out without charge. All subsequent checks are recommended, serve to maintain the value and are at the expense of the vehicle owner.

A written record of any maintenance inspections carried out can be kept below.

- ▶ **Ask your conversion workshop to enter the relevant information here in writing.**

### 1. MAINTENANCE INSPECTION - WITHOUT CALCULATION

Date: \_\_\_\_\_

Mileage (km): \_\_\_\_\_

Work carried out: \_\_\_\_\_

Workshop stamp: \_\_\_\_\_

**2. MAINTENANCE INSPECTION - WITHOUT CALCULATION**

Date: \_\_\_\_\_

Mileage (km): \_\_\_\_\_

Work carried out: \_\_\_\_\_

Workshop stamp: \_\_\_\_\_

**4. MAINTENANCE INSPECTION - WITHOUT CALCULATION**

Date: \_\_\_\_\_

Mileage (km): \_\_\_\_\_

Work carried out: \_\_\_\_\_

Workshop stamp: \_\_\_\_\_

**3. MAINTENANCE INSPECTION - WITHOUT CALCULATION**

Date: \_\_\_\_\_

Mileage (km): \_\_\_\_\_

Work carried out: \_\_\_\_\_

Workshop stamp: \_\_\_\_\_

**5. MAINTENANCE INSPECTION - WITHOUT CALCULATION**

Date: \_\_\_\_\_

Mileage (km): \_\_\_\_\_

Work carried out: \_\_\_\_\_

Workshop stamp: \_\_\_\_\_

**6. MAINTENANCE INSPECTION - WITHOUT CALCULATION**

Date: \_\_\_\_\_

Mileage (km): \_\_\_\_\_

Work carried out: \_\_\_\_\_

Workshop stamp: \_\_\_\_\_

**8. MAINTENANCE INSPECTION - WITHOUT CALCULATION**

Date: \_\_\_\_\_

Mileage (km): \_\_\_\_\_

Work carried out: \_\_\_\_\_

Workshop stamp: \_\_\_\_\_

**7. MAINTENANCE INSPECTION - WITHOUT CALCULATION**

Date: \_\_\_\_\_

Mileage (km): \_\_\_\_\_

Work carried out: \_\_\_\_\_

Workshop stamp: \_\_\_\_\_

**9. MAINTENANCE INSPECTION - WITHOUT CALCULATION**

Date: \_\_\_\_\_

Mileage (km): \_\_\_\_\_

Work carried out: \_\_\_\_\_

Workshop stamp: \_\_\_\_\_

**SPACE FOR OWN NOTES AND SUGGESTIONS  
FOR THE MANUFACTURER**

Date	Abnormality

**ANNEX FOR  
SEIKEL INSTALLATION PARTNERS  
AND WORKSHOPS**

**IMPORTANT INFORMATION**



## IMPORTANT WORKSHOP INFORMATION

**To avoid damage to the SEIKEL *ProAir* air suspension, please observe the following care instructions during normal general service work or repairs:**

- ▶ When working that requires operating the ignition: SEIKEL *ProAir* suspension system to OFF – deactivation of all functions!
- ▶ You will need the technician PIN for work that requires you to access the backend of the system control unit.  
**Access note:** Tapping on the 'CODE' field (see page 21) the numeric keypad for entering the PIN opens.
- ▶ Raise vehicle according to Volkswagen specifications.
- ▶ Attention: The technology box is not a suitable attachment point for jacks or other support!
- ▶ Air lines, cables, sensors, air bellows, shock absorbers, technology box and air tank should be thoroughly visually inspected after all service work (Schematic drawing see page 10 in this brochure).
- ▶ Lines and cables – if they have come loose – must not run between moving parts.
- ▶ Before lowering the vehicle, check that the lines or cables cannot become trapped.
- ▶ If the SEIKEL *ProAir* suspension system has been switched off: reactivate it and drive to the normal position CRUISE & GRAVEL.

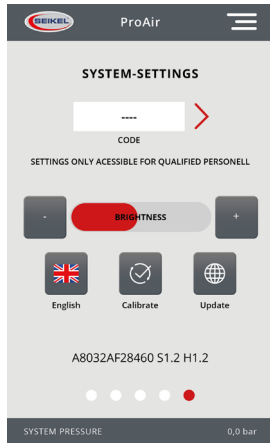
- ▶ The system should be drained at least once a year (e.g. as part of the vehicle inspection in the workshop). To do this, unscrew the drain plug at the bottom of the air tank and allow any condensation to drain off completely. If this is done before winter, it can prevent possible condensation at high sub-zero temperatures.



**IMPORTANT for T6.1 vehicles with Volkswagen camper unit:**

After installing the SEIKEL *ProAir* air suspension, only the information on the SEIKEL control unit supplied must be observed.

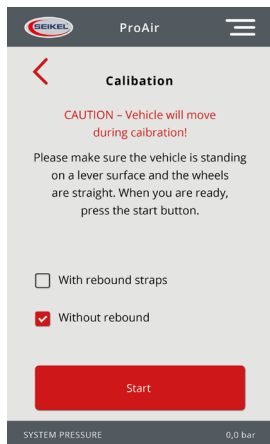
It is not possible to adjust or synchronise the inclinometer of the Volkswagen Camper Unit with the SEIKEL *ProAir*.



## SYSTEM CALIBRATION

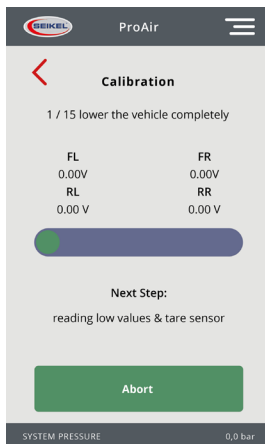
This function should normally only be performed by trained technicians. If in exceptional cases no one is available, follow these instructions:

Attention: This function is only possible when the vehicle is stationary (while driving the function is suppressed and a corresponding message appears). Tap the middle “Calibrate” symbol and follow the instructions exactly.

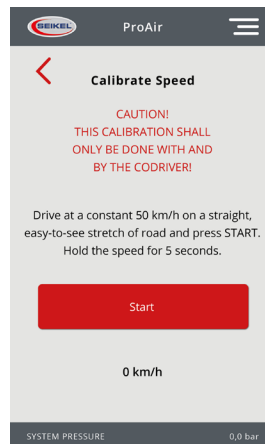


### Step 1:

- First mark, if rebound straps are mounted at the rear axle or not.
- Then continue with „Start“.



- Wait until the calibration is carried out successfully and completed.



### Step 2:

- Program „Calibrate speed“
- Follow the instructions on the control panel and press „Start“.