

sens it RetroFIT-Kit



RDKS | Reifendruckkontrollsystem
TPMS | Tire Pressure Monitoring System

Assembly instruction



Safety instructions for operating your **RetroFIT-Kit**

Important! Please keep these operating instructions in a safe place for future reference.

Please always take the following precautionary measures:

- Store the **RetroFIT-Kit** in appropriate surroundings
- Never expose the device to extreme temperatures (-0 / 50° Celsius)
- Never attempt to dismantle your **RetroFIT-Kit**
- Only use a damp cloth to clean the device

Precautionary measures when driving:

When driving, never adjust any settings or access functions that require you to look at the monitor for longer periods. Before attempting to make any adjustments to the device, safely stop your vehicle in an appropriate location, taking the traffic regulations into account.

ALLIGATOR Ventilfabrik GmbH is not liable for any losses or claims from third parties that arise from the use of this product.

The manufacturer is not in a position to ensure that this manual and the conditions and methods when installing, operating, using and maintaining the **RetroFIT-Kit** are adhered to. Carrying out the installation incorrectly may lead to property damage and personal injury.

For this reason, ALLIGATOR cannot assume any responsibility and liability for losses, damages or costs that result from faulty installation, improper operation or incorrect use and maintenance, or that are associated with these in any other manner. ALLIGATOR also does not assume any responsibility for any rights from any type of third-parties. The manufacturer reserves the right to make changes with regard to the product, technical specifications or assembly and operating manuals without prior notice.

Opening the product, attempts to manipulate and repair, as well as unintended operation lead to the loss of guarantee.

ALLIGATOR does not assume any liability and does not grant any guarantee, neither expressly nor implicitly, with regard to the information contained in the operating instructions.

All options have been exploited to ensure that the content of this document is correct. If however, you should find any mistakes or data which seems strange to you, please inform the dealer you purchased the device from.

Conformity with European Union Directives

This device corresponds with the requirements of the CE mark and corresponding requirements of the Directive R&TTE (EU Directive 1999/5/EC).

The information contained in this document can be changed at any time without prior notice.



The battery included in the product must be disposed of separately from normal household waste in accordance with local laws and guidelines or may be reused. In doing so, you are actively contributing to the protection of the environment.

Warning: never dispose of a battery by burning it - it may explode.

RetroFIT-Kit Operating Instructions

Thank you for deciding to purchase our **RetroFIT-Kit**. The tyre pressure monitoring system will allow you to feel safer when driving and will give you an immediate warning in event of pressure changes in the tyre, or any damage. Moreover, when using the right air pressure in the tyres, you will optimise both fuel consumption and the service life of your tyres.

Scope of supply:

- 1x Display with CR2450 button battery
- 1x Magnet (for securing the display)
- 1x Operating instructions
- 4x **sens.it** sensors with valve
- 1x Assembly instructions for valve and sensor



Inserting the battery:

Open the cover using a five-cent piece (Euro) or penny piece and insert the battery (figure). Only replace the battery with a new CR2450 Panasonic or Maxell battery.

Please note, that button batteries may not be disposed of in domestic waste!



Installing the display:

The **RetroFIT-Kit** includes a magnet for attaching the display.

- ① First remove the protective film on the self-adhesive side of the magnet.
- ② Stick the magnet onto your dashboard. When doing so, make sure that the display can be clearly viewed and does not cover any important instrument displays.
- ③ Position the display on the magnet. As the battery is a metallic component, the display will stick to the magnet.





Operation and general instructions:

To switch on the display, press and hold Bt1 or Bt2 briefly.
To switch off the display, press Bt2 for approx. 3 seconds.

Press Bt1 (display illuminates) to change from tyre pressure display to temperature display.
Pressing Bt1 again allows you to access the menu for the time and outside temperature.

Warnings:

- ① Tyre pressure too low or too high.
An "!" flashes at the wheel position. The red LED & background lighting flash.
- ② Temperature too low or too high.
An "!" flashes at the wheel position. The background lighting flashes.
- ③ If "Lo" appears, the sensor battery at the wheel position indicated is low.
- ④ If the battery is displayed, then the display battery is low.

Configuring the display:

In order to access the settings, press Bt1 and keep it pressed.
The flashing value can be changed using Bt2. Then press Bt1 in order to confirm the desired value and to go to the next value.

Select bar or PSI with Bt2 and then confirm with Bt1.

Select °C or °F with Bt2 and then confirm with Bt1.

Front axle tyre pressure values: Set the upper limit for the pressure (fig. left) with Bt2 and confirm with Bt1.
Repeat the procedure for the lower limit of the pressure (fig. right).

Rear axle tyre pressure values:
The same procedure as with the front axle pressure values.

Temperature of all tyres:
Set the upper limit (fig. left) with Bt2 and confirm with Bt1. Same procedure for the lower limit (fig. right).

Entering the sensor ID:

The ID of the sensors can be found on the back of the respective component (red border). In order to teach-in the sensor to the **RetroFIT-Kit**, you need the the last two figures of the ID

Example: Sensor ID: 8868d39C

Note the last two figures, **9C** in this case.

Also specify at which wheel position this sensor is going to be installed.

- ⑤ Use Bt2 to select the ID position (= wheel position) (flashing value).
- ⑥ Pressing Bt2 again sets the ID value (last 2 figures of the sensor ID).
- ⑦ Confirm the ID value with Bt1. Now AP is displayed at the position selected instead of ID. If an ID has already been entered, you can simply skip this value by pressing Bt1 without changing the ID in the process.
- ⑧ Once all IDs have been entered at the correct positions, you have to drive at a minimum speed of 20 km/h for approx. 4 - 10 minutes. The device will calibrate during this time.
- ⑨ Once all sensors have been taught-in like this, you will see the tyre pressure values of the individual wheels in the display.