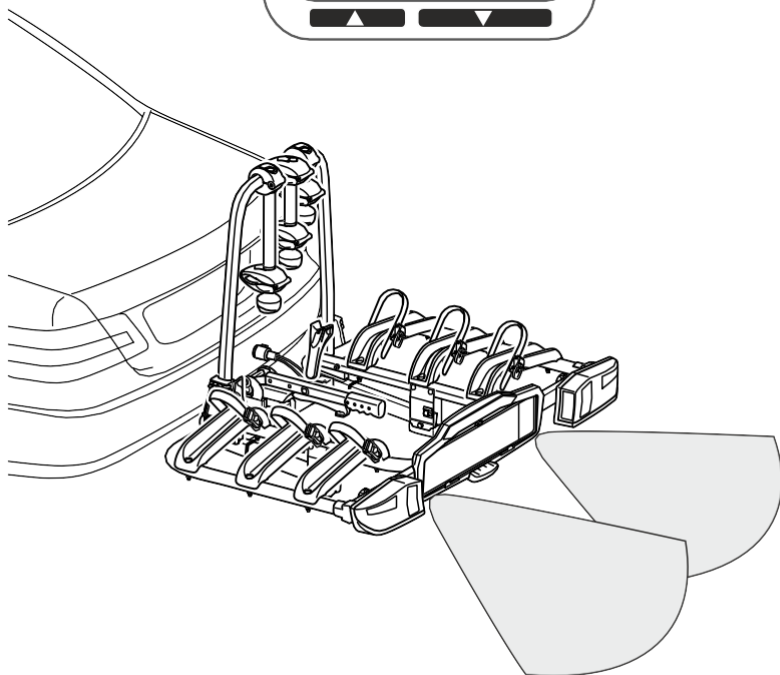


WIRELESS PARK ASSIST SYSTEM

PDC bicycle rack



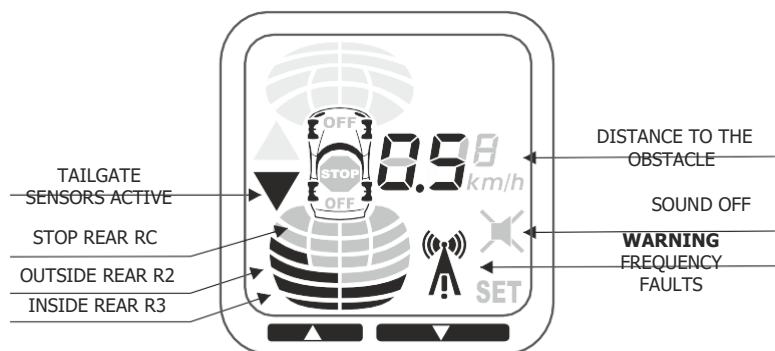
OPERATING INSTRUCTIONS FOR THE TAILGATE SYSTEM

After engaging the reverse gear, a switching on control tone sounds and the symbol "▼" appears on the display. The sensors are now active.

An obstacle is now signalled visually on the display and acoustically via the integrated loudspeaker. Approaching an obstacle is signalled by various frequencies of the warning tone and the graphic representation on the display. The closer you are to the obstacle the faster the warning tone. (Example: continuous tone - STOP zone).

!!! WARNING !!!: Even with a park assist system, it is still necessary to precisely observe the entire vehicle surroundings. Small obstacles and obstacles with unfavourable reflective surfaces are difficult to detect, or cannot be detected at all.

Display functions

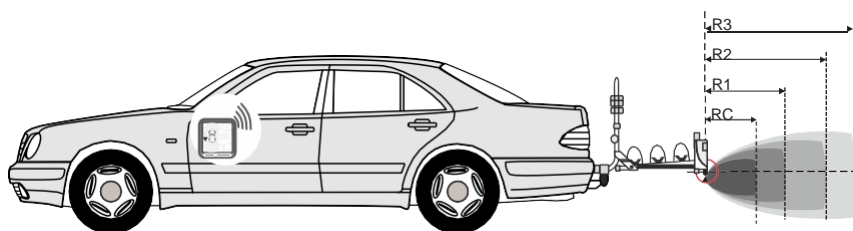


LEFT BUTTON:

- Switch park assist system on/off. -

RIGHT BUTTON:

Switch park assist system on/off.



Zone	RC	R1	R2	R3
Distance (cm)	40	55	115	160

RC = continuous tone



WARNING:

If the radio tower symbol remains on the display,
the system is not working optimally!
CAUTION WHEN PARKING!

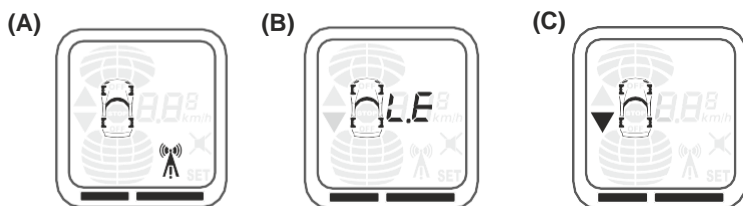
The components of the system communicate wirelessly. The display teaches (programs) the radio module by means of a unique identifier.

Teaching procedure / system login

Connect the connector of the bike rack to the socket of the tow-bar coupling and plug the display into the cigarette lighter or an on-board socket. Switch on the ignition and engage the reverse gear. If the "radio tower" symbol (A) appears in the display, the system is not taught and is not connected correctly.

Now keep the two buttons pressed until "LE" appears on the display (B).

An arrow symbol (C) now appears on the display, to indicate that the radio module has been taught successfully. Confirm the teaching process by switching off the ignition.



PROGRAMMABLE FUNCTIONS

WARNING! Untrained changing of the parameters can severely limit the function of the system! We recommend that you do not change program items not described here.

Switch on the ignition, press and hold the left button for approx. 4 seconds. The program item appears in the display (with "F" appended = factory setting, with "C" appended = individual setting).

Use the buttons to select the required program item. Press and keep pressed the right button for approx. 3 seconds. The value appears in the display. The buttons can be used to change the value. To save the set value, press and keep pressed the right button for approx. 4 seconds, until the program item is displayed again. You can exit programming mode at any time by switching the ignition off and on

	Function	Factory setting	Range	Note
Signal tone volume	>2 sec		from to	<ul style="list-style-type: none"> ✕ 0= off ▲ 1=quiet ▼ 2=loud
Sensor measuring range	>2 sec		from to	Detection range,
STOP area	>2 sec		from to	35 - 70 cm
Display colour	>2 sec		from to	1=red 2=green 3=blue 4=orange 5=white
Sensitivity	>2 sec		from to	0=very low 1=low 2=normal 3=high

PROBLEM SOLVING



- The radio tower symbol appears on the display

The radio tower symbol appears if the display receives no signal or only receives a poor signal from the radio module in the bike rack.

This status can also occur if interfering frequencies exist.



- Sensor defective display

One or several defective sensors is/are indicated by the continuous flashing of the STOP zone. Nonetheless, the system continues to operate to a limited extent.

OFF



- The display shows an obstacle, but no signal tone sounds

Check whether the "loudspeaker OFF" symbol is visible. If applicable, increase the volume



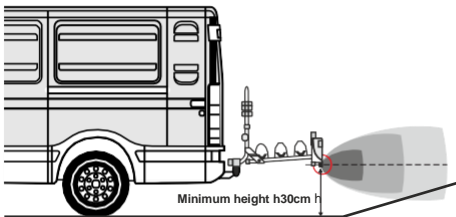
- The display shows "LE"

The radio module is not taught correctly. Repeat the teaching process.

Incorrect detection of obstacles can also be due to the following problems:

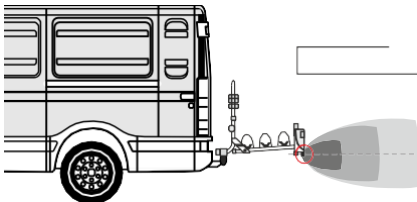
Dirty sensors (dust, mud, snow, ice, etc. Clean the sensors with a soft cloth or sponge.

Surfaces difficult for ultrasound, e.g. crushed rock or gravel, grating, vegetation, exhaust...



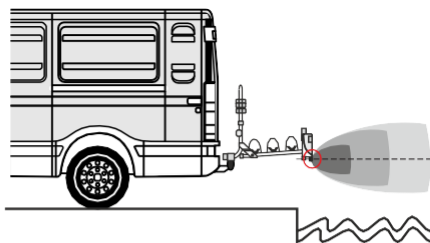
Note

Slopes can be identified as an obstacle



Note

Very high obstacles cannot be detected



Note
Depressions in the surface cannot be detected

SAFETY INSTRUCTIONS

The park assist system is intended to provide assistance during parking and manoeuvring operations. It does not release the driver from their duty of care. Never rely solely on the system. It is always the driver's responsibility to assess obstacles.

In several cases it is possible that smaller objects, shrubs, rods, posts are not detected or captured by the system.

Warning in good time can only be given if you reverse slowly.

The manufacturer of the system does not accept any liability for damage caused by incorrect use or operation.

Always observe the legal regulations, for example, the Highway Code.

NOTES

If the system briefly indicates an obstacle, although there is apparently not obstacle present, it is possibly a case of reflection off the carriageway. (e.g. change in surface, unevenness, etc.) This is not a system error.

To avoid excessive discharge of the vehicle battery, we recommend unplugging the display if the vehicle is not moved for several days.

This product has been issued with CE marking to Directive 2014/53/EU:

Homologation: 10R-05 10498 Technical report No.: 260094-18-TAC
10R-05 10499 Technical report No.: 260082-18-TAC

Technical data - sensors and radio module

Power supply..... 9 - 30V
Power consumption..... 100mA max
Temperature range..... -30/+80°C
Ultrasonic frequency..... 40 kHz
Radio frequency..... 868 MHz

Technical data - display

Power supply..... 9 - 30V
Power consumption..... 100mA max
Temperature range..... -20/+70°C
Radio frequency..... 868 MHz