



WARNING!

Risk of injury in the event of insufficient qualification. Improper handling can lead to considerable personal injury and damage to property.

- National mounting, installation and operating regulations must be observed.
- The product may only be used in accordance with the enclosed instructions and safety notes. Instructions can be found online at www.aspoeck.com/en/top/downloads.
- No modifications may be made to the product unless only the original spare parts intended for this purpose or spare parts approved by Aspöck are used and installed by professionally qualified personnel.
- Product liabilities are limited in item 9 of the GTCs. www.aspoeck.com/en/top/downloads

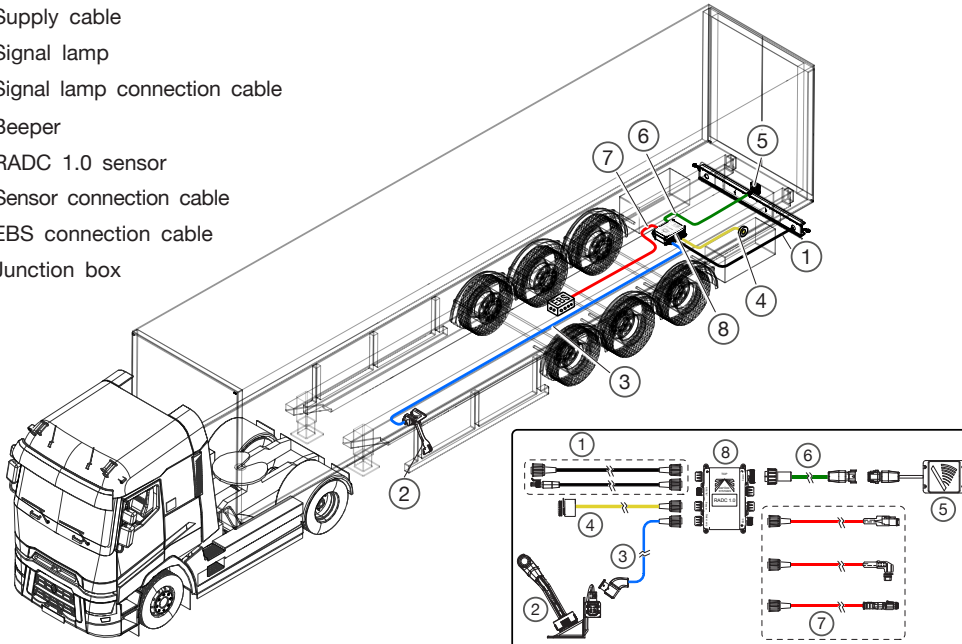
The quick guide for assembly and installation is only a supplement to the operating instructions. Please read the operating instructions for complete information and instructions before assembling and installing the product.

This quick guide names the following qualifications:

Due to their professional training, knowledge and experience as well as knowledge of the relevant regulations, **skilled staff** are able to carry out the work assigned to them and to independently recognise and avoid possible dangers.

The installation of the system may only be carried out by staff who have been trained for this activity by the Aspöck company and who have specialist knowledge of vehicle electrics.

- 1 Supply cable
- 2 Signal lamp
- 3 Signal lamp connection cable
- 4 Beeper
- 5 RADC 1.0 sensor
- 6 Sensor connection cable
- 7 EBS connection cable
- 8 Junction box



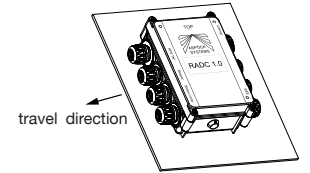
Do not assemble components and cables along heat sources or through areas that may cause abrasion due to impact or dirt damage.

Installation of cable harness and junction box

The respective interface outputs are labelled on the junction box. All outputs are pre-wired and fully equipped as standard. Optional outputs on the junction box are closed with sealing caps and can be unscrewed if necessary.

1. Assemble the junction box close to the rear of the vehicle. Observe the assembly direction of the junction box. [Fig.1]
2. Connect the junction box by means of the supply cable [no. 1] to reversing signal "S" L and ground 31. With Aspöck lighting systems, you can connect the supply cable directly to an Aspöck rear lamp equipped for this purpose at additional output RFS.
3. Connect the sensor connection cable [no. 6] to the junction box and the sensor [no. 5].
4. There are specific connection cables for the different EBS manufacturers. Connect the selected EBS connection cable [no. 7] to the junction box and the EBS system.

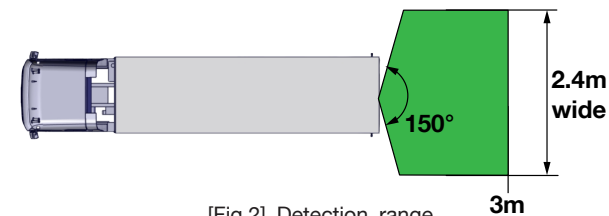
ATTENTION! The EBS manufacturer-specific operating and assembly instructions must be observed! Contact the respective manufacturer for this purpose.



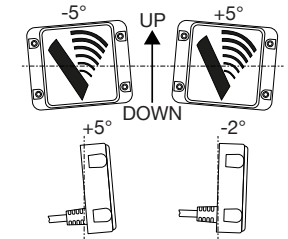
[Fig.1] Junction box

Installation of the sensor

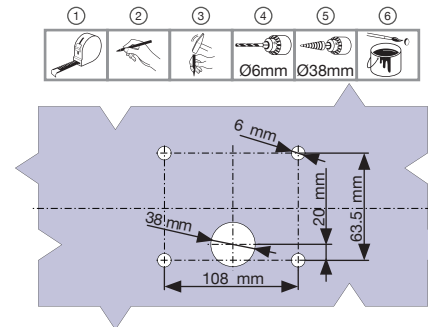
Before permanently installing the radar sensor on the vehicle, make sure that the desired position ensures a clear detection zone [Fig.2]. If you are not sure, temporarily install the sensor in the desired location and follow the initial commissioning steps on the following page. The sensor can be installed either directly on the vehicle or using a bracket. Follow the guidelines for stable assembly [Fig.3] on the following page. Use the sketch [Fig.4] to determine the position for the mounting holes. Then drill the four 6 mm holes for mounting the sensor and a 38 mm hole for the connection cable. Fasten the sensor with 4 M6 screws (8.8) with a maximum of 2.5 Nm.



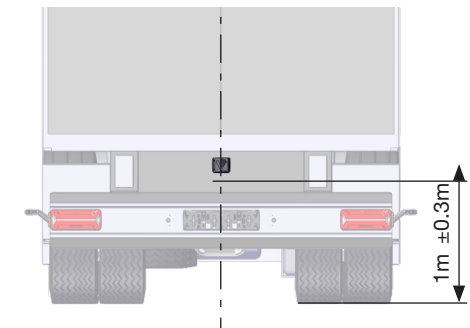
[Fig.2] Detection range



[Fig.3] Assembly tolerances



[Fig.4] Sensor hole pattern



[Fig.5] Mounting height

Assembly of signal light and beeper

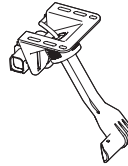
The system can also be equipped with a signal light or a beeper. If a signal light is used, the assembly position should preferably be between the first and second side marker lamp on the left side of the vehicle. The signal light must be installed on the vehicle like a side marker lamp.

The beeper should be assembled in the centre area of the vehicle so that the driver can easily hear the acoustic tone.

If a signal light [no. 2] is to be installed, connect it to the connection cable [no. 3] and the junction box.

If a beeper [no. 4] is provided, connect it to the junction box at the respective output.

ATTENTION! Sound overlap with a possible mandatory legally compliant reversing warning device on the vehicle may occur. The beeper of this system is not a replacement for a legally compliant reversing warning device.

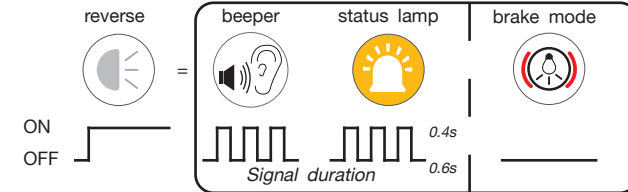


Initial commissioning and test

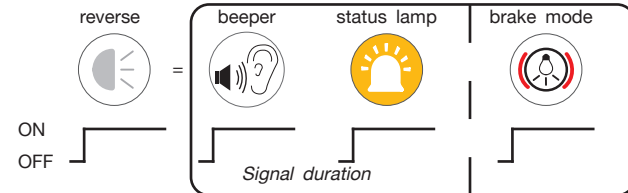
Move the vehicle to an open space larger than the detection zone to be tested. Activate the system by switching on the vehicle ignition and activating the reversing lamp when the engine is at a standstill. If the system detects after activating a detection and there are no moving objects in the detection zone, check if there are any objects near the sensor that may restrict the field of view. If this is the case, position the sensor so that it does not detect them. If the signal light or beeper indicates an error, refer to the Troubleshooting section in the manual to determine the error and possible causes. System operation can be tested by quickly moving towards the sensor in the detection zone. When you enter the detection zone, the signal light outputs a continuous light instead of a flashing light and/ or the beeper outputs a continuous tone instead of a pulsating tone. If the system is connected to the vehicle braking system and configured correctly, you should also notice the EBS system/braking system becoming active when you enter the detection zone. You can check the exact detection range of the detection zone by repeatedly moving into and out of the detection zone from all directions.

Operating diagnostics

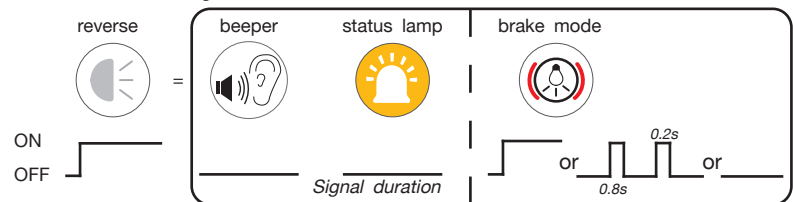
1. Mode: "OK", no object in detection zone



2. Mode: "OK", object in the detection zone



3. Mode: "NOK" system error



SCAN ME

READ THE EXTENDED INSTRUCTION ONLINE!

bit.ly/3BIAvRs