

In case of doubt, the German version applies.

ATTENTION

- ▶ READ, FOLLOW, AND FULLY OBSERVE ALL SAFETY PRECAUTIONS AND WARNINGS. READ ALL GUIDES, MANUALS, AND INSTRUCTIONS CAREFULLY AND REVIEW REGULARLY.
- ▶ Improper installation or use can cause fatal or serious injury.
- ▶ The handbooks and further documents for the System are available in several languages at: www.contipressurecheck.com/downloads

Safety

- This quick-start guide is intended only to illustrate the main installation steps. It presupposes knowledge of all comprehensive installation instructions. (www.contipressurecheck.com/downloads)
- Observe all the safety precautions in the installation instructions!
- All work may only be carried out by appropriately qualified staff.
- Observe the vehicle manufacturer's safety instructions!
- During installation, wear the necessary personal protective equipment for the particular operation.
- In view of the risk of short-circuit, always switch off all electrical consumers and disconnect the minus terminal of the battery before carrying out work on the vehicle electrical system.
- Connecting the system to a third-party system (e.g. telematics system) is a special case. It is essential to take into account the description in the detailed installation instructions.

Components and accessories (A)

- CCU (Central Control Unit) (Fig. A1)
- Additional receiver (Fig. A2)
- Impact guard (additional receiver) (Fig. A3)
- Display (Fig. A4)
- Tire sensor (Fig. A5)*
- Rubber container (Fig. A6)*
- Pressure control indicator (A7)
- Diagnostic cable (Fig. A8)
- Hand-Held Tool (Fig. A9)
- Wiring harnesses A (0.75 m), B (5.0 m), C (9.0 m), D (7.0 m), D-large (15.0 m), F (7.0 m) + G (7.0 m) and H (7.0 m) (Fig. A10)

* The installation of this component is described in separate manuals.

Electrical installation HGV/commercial vehicle (B)

Position of the components on the vehicle (Fig. B1)

Block circuit diagram (Fig. B2)

Connections (Fig. B3)

Work steps:

1. Install the CCU at axle height. **HGV/commercial vehicle:** Mid-way between the front axle and the first rear axle. **Bus:** Front axle area (preferably in the trunk).
2. Installation of the additional receiver. **HGV/commercial vehicle:** In the middle at the rear of the vehicle. **Bus:** Rear axle area (preferably in the trunk).
3. Lay wiring harness D from the CCU to the additional receiver (if used). Connect the cable with the CCU first, then lay the cable along the existing wiring harness of the vehicle and finally connect the cable with the additional receiver.
4. Then push the impact guard (Fig. A3) over the additional receiver (Fig. A2), inserting the latching hooks into the holder until they engage audibly.
5. Lay wiring harness C from the CCU to the driver's cab. Connect the 8-pin plug with the CCU or with the wiring harness D and lay the wiring harness to the vehicle fuse box.
6. Install display in the driver's cab using the bracket supplied.
7. Lay wiring harness B from the display to the fuse box. Connect the plug of wiring harness B to the display and lay the cable behind the instrument panel from the display to the fuse box.
8. Connect the two CAN terminals (brown: CAN low/white: CAN high) of wiring harnesses C and B using the cable shoes provided (white plugs).
9. Route wiring harness A from fuse box to wiring harness B and C. The integrated fuse remains in the wiring harness A.
10. Connect the red wires (terminal 15 (KL15)) and the black wires (KL31) of the wiring harnesses A, B and C respectively (black plugs).
11. Connect the positive cable (red, KL15 - ignition) and the ground cable (black, KL31) in the fuse box. Pay attention to the special instructions in the vehicle operating manual.

Electrical installation Trailer/semi-trailer (C)

Position of the components on the trailer (Fig. C1)

Block circuit diagram (Fig. C2)

Work steps:

1. Install the CCU at axle height in the middle between the axles.
2. On complex trailers (e.g. more than 3 axles), use of the additional receiver is recommended. In this case the CCU should be positioned as close as possible to the first axle, and the additional receiver as close as possible to the last axle.
3. Lay wiring harness H from the CCU to the additional receiver (if used). Connect the cable with the CCU first, then lay the cable along the existing wiring harness of the vehicle and finally connect the cable with the additional receiver.
4. Then push the impact guard (Fig. A3) over the additional receiver (Fig. A2), inserting the latching hooks into the holder until they engage audibly.
5. Connect the 12-pin plug of the F + G wiring harness to the CCU or to the wiring harness H.
6. Lay branch G along the existing wiring harness of the vehicle to the pressure control indicator.
7. Installation and adjustment of the pressure control indicator. The position of the pressure control indicator also depends on the length of the cable.
8. Lay branch F from the CCU to the distributor box.
9. Find a suitable cable leadthrough in the distributor box, thread in the cable and shorten as required.
10. In the distributor box, attach the enclosed fuse to the plus cable (red) using the enclosed cable shoe.
11. In the distributor box, identify terminals U_{bat} and GND. Pay attention to the special instructions in the vehicle operating manual.
12. Connect the red cable (incl. fuse) to terminal U_{bat} and the black cable to GND.

Startup of the system

Work steps:

1. Switch on Hand-Held Tool (Fig. A9).
2. Select the Installation - New Installation menu item.
3. Follow the instructions on the Hand-Held Tool.
4. Teach-in of the tire sensors and configuration of the CCU.
 - 4.1 Hold the Hand-Held Tool in the wheel position shown and move it along the side wall according to the animation. *Note:* The Hand-Held Tool can remain on the outer of the twin tires when reading out the tire sensor of the inner twin tire.
 - 4.2 Connect the Hand-Held Tool to the display (commercial vehicle) or to the diagnostic plug of the pressure control indicator (trailer) using the diagnostic cable (Fig. A8).
 - 4.3 Transferring the data to the CCU.
5. After successful configuration, switch off the CCU for at least 30 seconds. The system is now ready for use.
6. During later operation: After replacing or changing the position of one or more tire sensors, reset the telegram counter in the display.



