

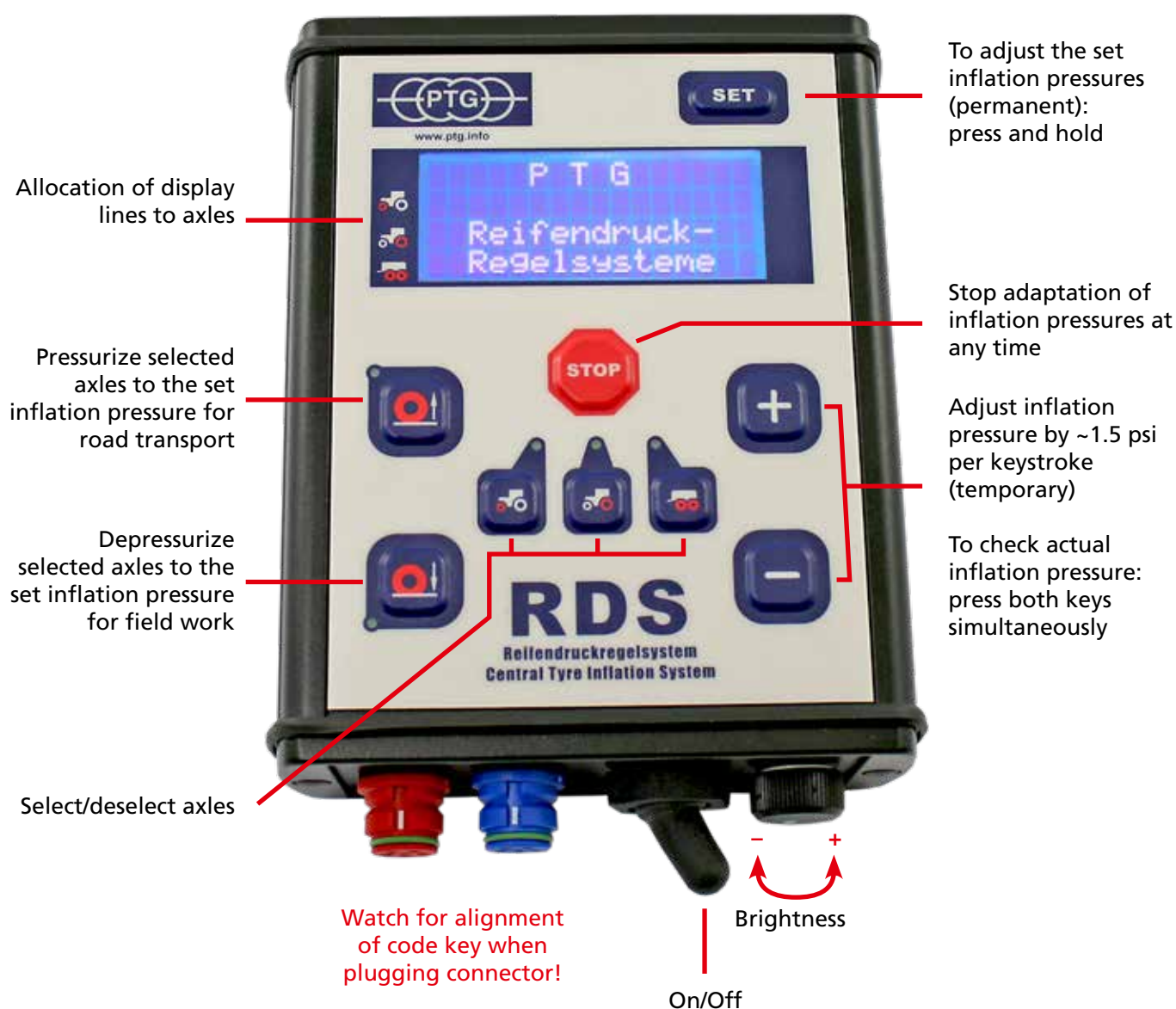


Tire Inflation Systems

Operating Instructions

Central Tyre Inflation System (CTIS)

with electronic control unit RDS/control



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Tire Inflation Systems




The black rocker switch at the bottom side of the control unit acts as main switch for the power supply of the unit and the other electric/electronic CTIS components (via circuit breaker relay).


It is normally left in Position On, as the power supply should be connected to the On-state of ignition.

After the preliminary info screens, the display shows an overview of the permanently set inflation pressures for field work and road transport.


To pressurize the tyres, first select the axles to be adapted with    keys. Selected axles will be highlighted by the respective LEDs.

Now press  to adapt the selected axles to the respective set inflation pressures for road transport.




To depressurize the tyres, first select the axles to be adapted with the    keys. Selected axles will be highlighted by the respective LEDs.




Now press  to adapt the selected axles to the respective set inflation pressures for field work.

To stop the adaptation of inflation pressures, press  at any time! Normally, the CTIS stops adaptation automatically when desired inflation pressures are achieved.

To permanently adjust the set inflation pressures, press and hold the  key at the top right corner of the control unit.



Now select an axle to adjust by pressing the    keys, and then press  or  to adjust the set inflation pressure for field work or road transport.



The selection will be highlighted by the respective LEDs and an asterix (*) in the display. Now, the set inflation pressure can be adjusted in steps of ~1.5 psi per keystroke by pressing  or  until the desired value is displayed. When the set inflation pressures for all axles have been adjusted in the described way, the values will be permanently saved by releasing the  key. Successful saving of the adjusted values will be confirmed by an info message.

For a quick check of all permanently set inflation pressures, deselect all axles via the    keys. Then the initial overview of set values for field work and road transport will be displayed.

The selection of the axles to be adapted can be changed even when the CTIS is in active operation.

For example, when working with heavy rear mounted implements, the limited air supply of the brake compressor can be used to pressurize the rear tyres first. The front tyres can then be selected as soon as the rears have enough inflation pressure for save road transport.

If driving conditions change while or after adaptation, inflation pressures of all selected axles can be adjusted temporarily by ~1.5 psi per keystroke when pressing  or  without compromising the permanently set values.

To check the actual inflation pressures when CTIS is not in active operation, press  and  at the same time. An info message will appear and the actual values will be displayed.