

ONSPOT

Automatic Snow Chains



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GENERAL

Onspot is a preventive measure for application on slippery surfaces to temporarily improve friction during driving and braking. When correctly used, it greatly improves the likelihood of reaching your destination. Even when correctly used, control of a vehicle may be lost. Bear in mind that the Onspot wheels are driven by the vehicle's wheels so if a vehicle wheel locks the chain will not be flung under the tyre and friction will not be regained.

VBG GROUP TRUCK EQUIPMENT AB is not liable for any possible damage that may occur as a result of this type of situation. It is always the responsibility of the driver to drive the vehicle in a safe manner and with regard for surface conditions and other circumstances.



VBG GROUP TRUCK EQUIPMENT AB provides a 2 year factory warranty for material or production defects as well as a 6 month repurchase clause. If the vehicle is disposed of, all the warranties stay with the product. The factory warranty applies to products that have been invoiced between the dates given above for a period of 24 months from the delivery/installation date. A product for which a claim is made under warranty will not be replaced if there is evidence of damage due to incorrect handling, maintenance or installation. This also applies, for example, in cases of reversing, driving in ditches, or if component parts have been drilled or welded. The warranty does not cover liability of any type of direct or indirect property damage or personal injury, or for downtimes or interruptions to operation. The repurchase clause is valid for 6 months from the delivery/installation date. Within that period the customer can return the product to the place of purchase and be credited for the price paid. The warranty does not cover installation or removal costs and does not apply in cases of incorrect handling, maintenance or installation.



During the servicing/maintenance of Onspot functions no-one should be within their movement range. The power must be disconnected and the air pressure released. When the power is disconnected the arm returns automatically to the rest position.



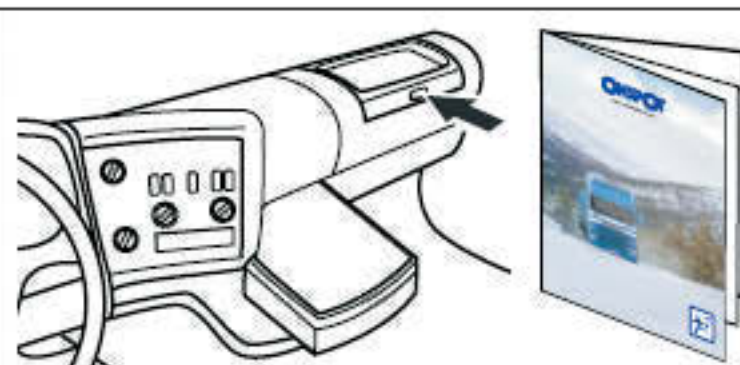
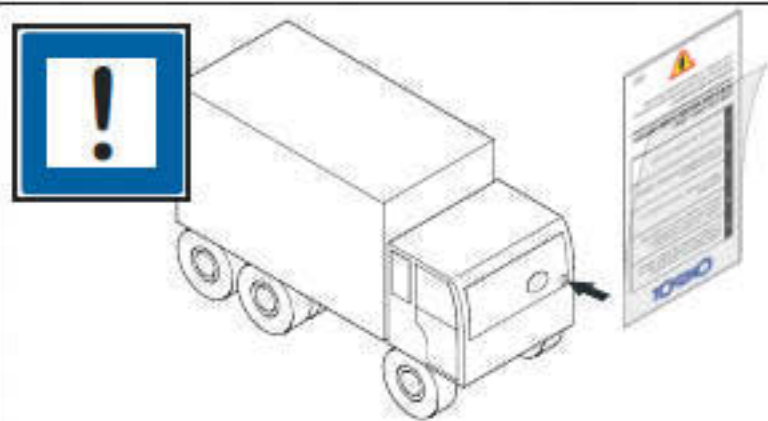
The Onspot may be used only at speeds of up to 50 km/h.

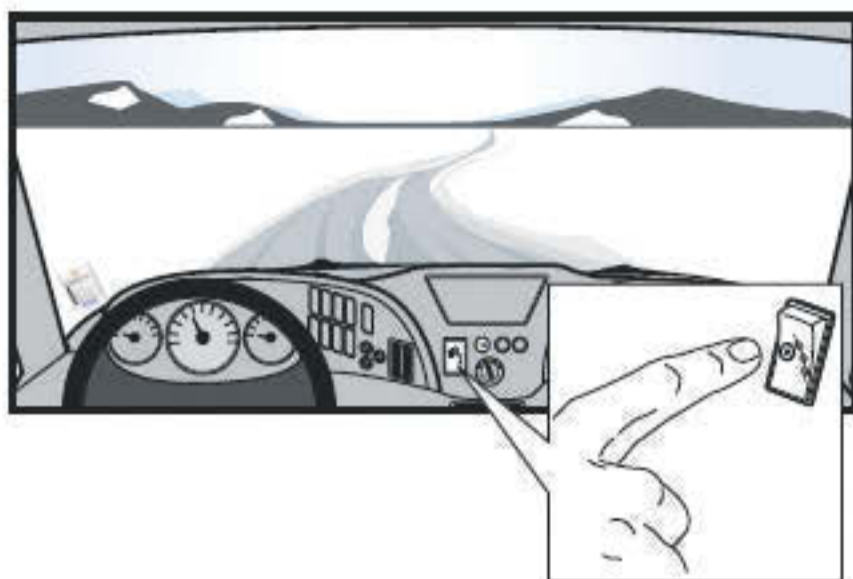


Onspot can be used to advantage on trucks with ABS brakes.



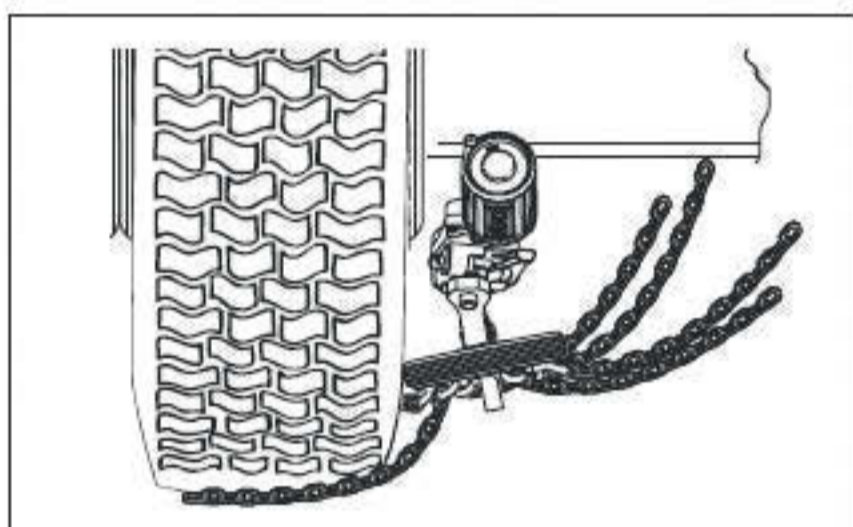
If the vehicle is equipped with a Traction Control System, this must be disengaged before Onspot is activated.





HANDLING

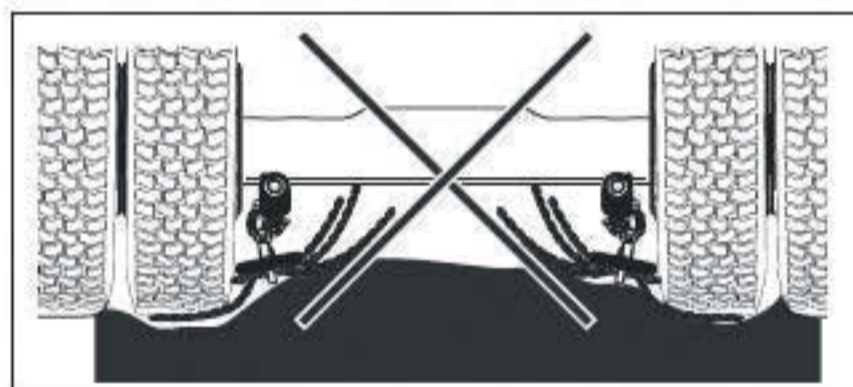
Always activate Onspot in good time before reaching an incline, making a short stop, braking or other more difficult manoeuvre.



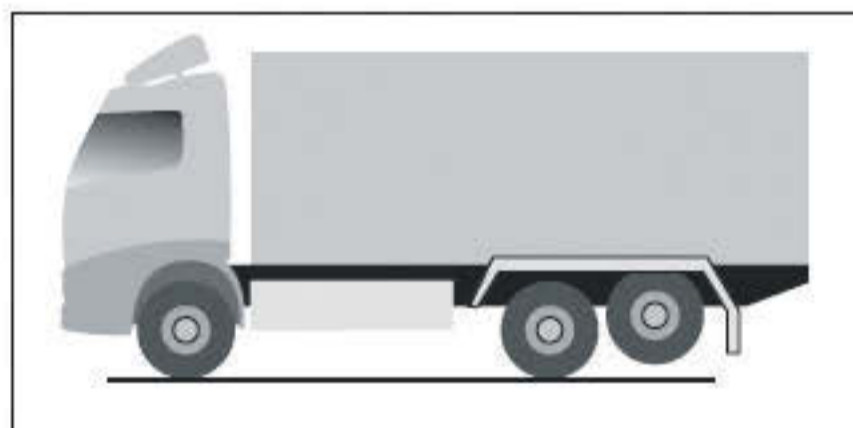
Onspot should be activated before making a short stop and before stopping on a slippery surface. At least one chain will then be lying under each driving wheel, which facilitates pulling away.

If Onspot is not activated, do as follows:

- Activate Onspot.
- Spin the wheels so that the chains are flung under them.
- When the tyres grip, release the accelerator pedal until the vehicle starts to creep forward.

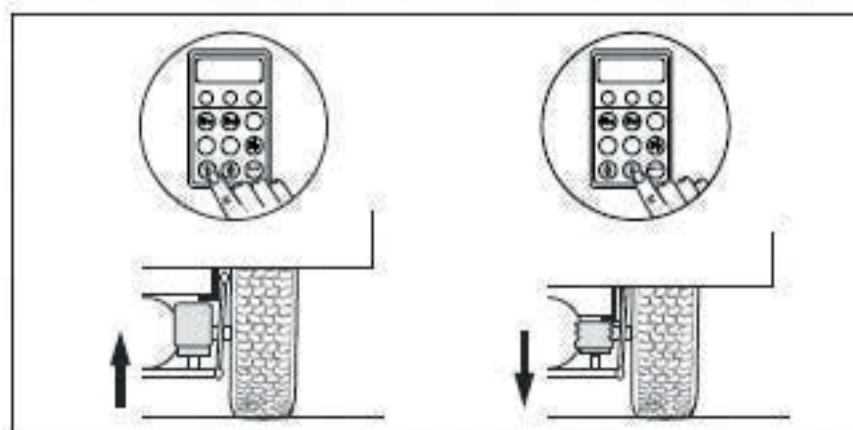


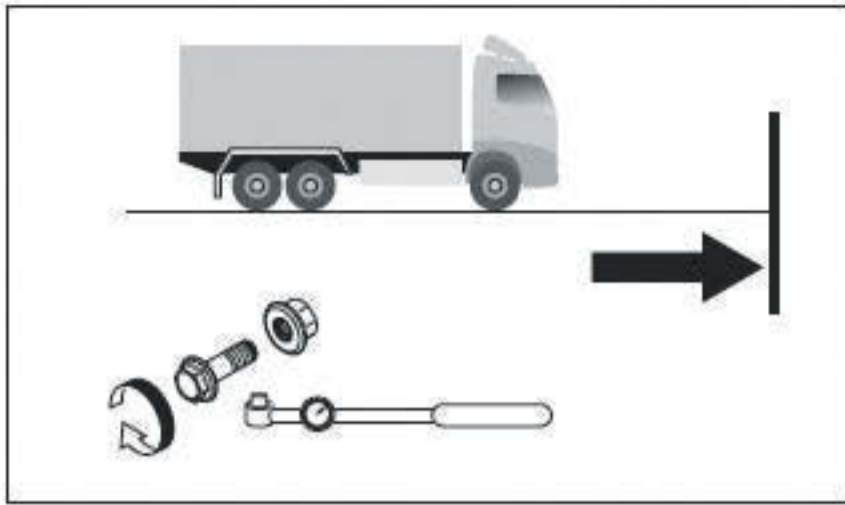
Onspot should not be used when driving off-road, in deep snow or on excessively tracked roads.



Note that the following can change the axle tilt and with it the chain wheel setting, which reduces the effect of Onspot.

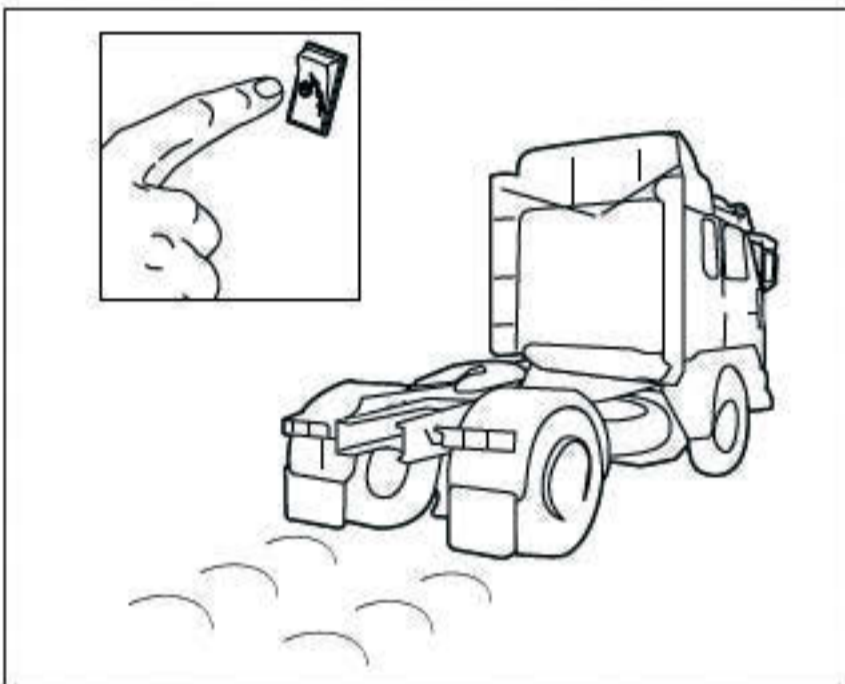
- Raised bogie axle on plate suspension and 2-bellow air suspension vehicles.
- Change the basic drive position settings on 2-bellow air suspension vehicles.





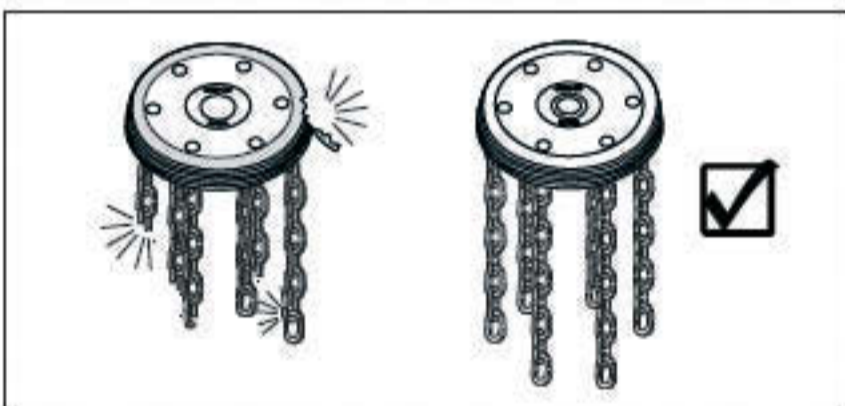
INITIAL SERVICE

Carry out an initial check after 3-4 weeks driving. Tighten nuts and bolts as necessary. Tightening torques are given in the installation instructions that are included in the installation kit.



PERIODIC MAINTENANCE

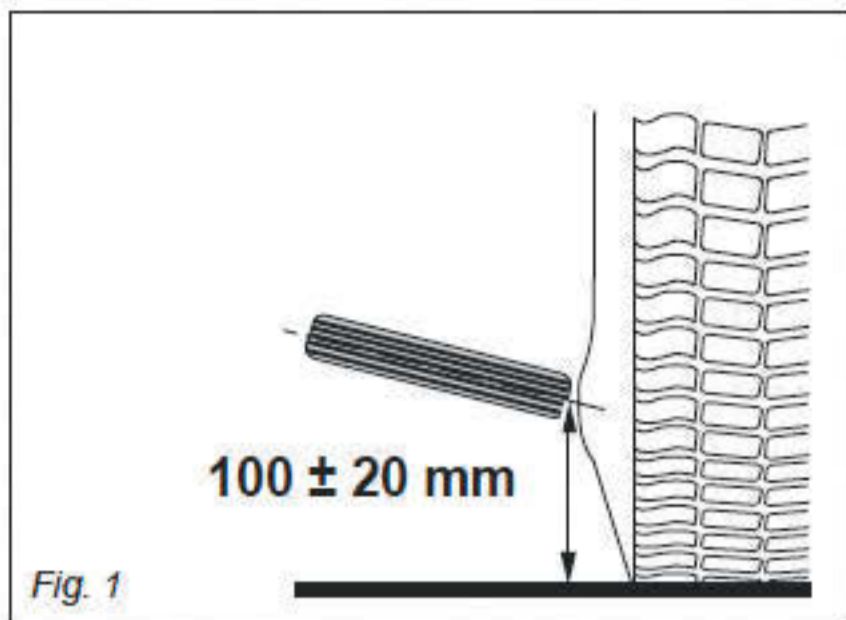
Onspot should be activated minimally once a month to keep the self lubricating bearings in good order. Clean and check the Onspot for damage and corrosion.



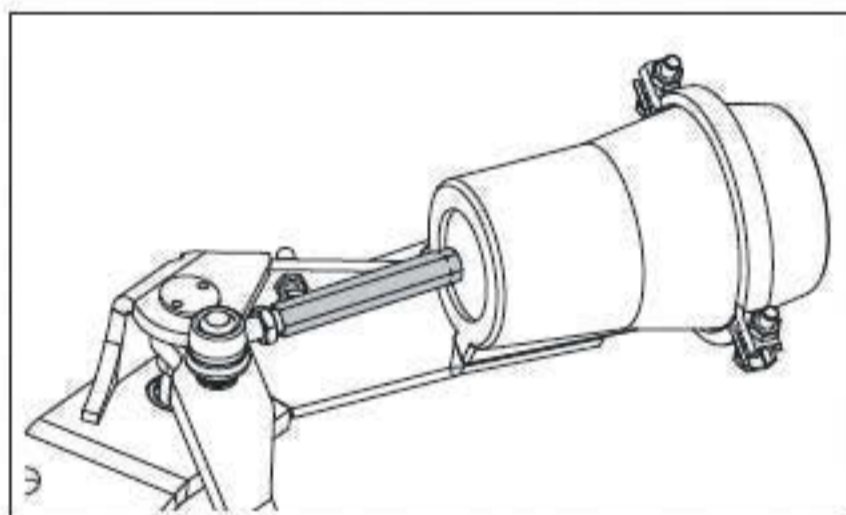
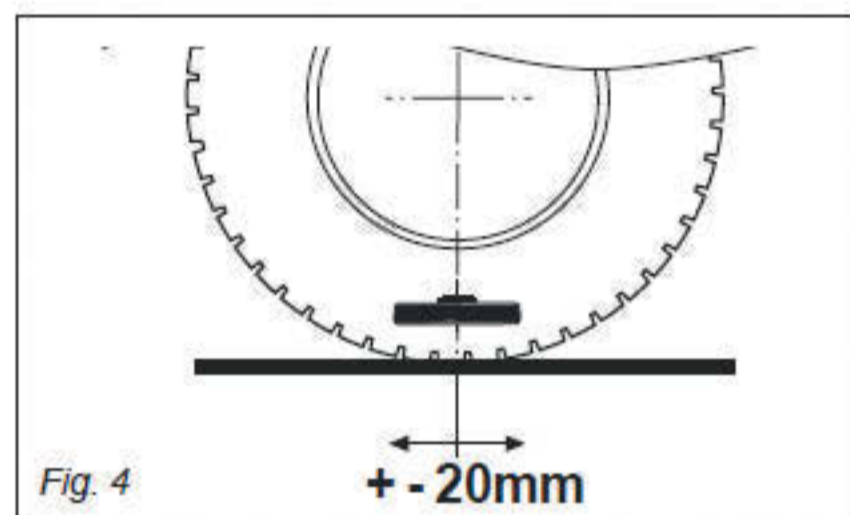
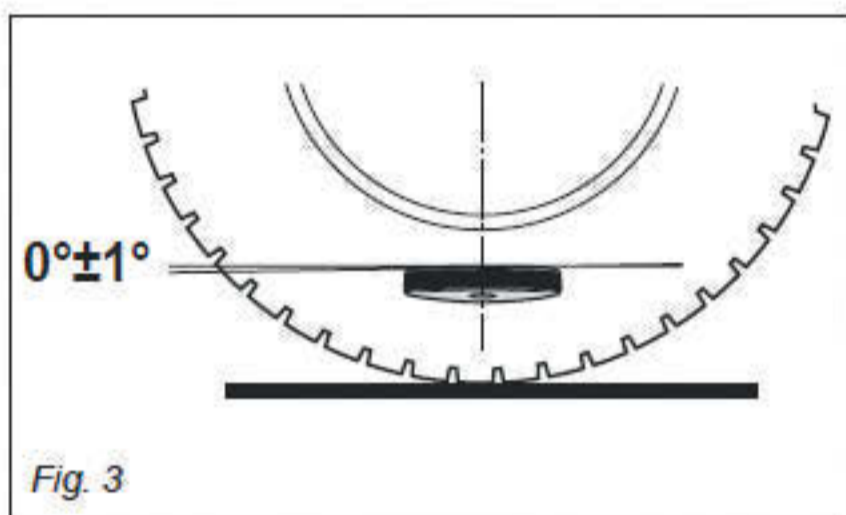
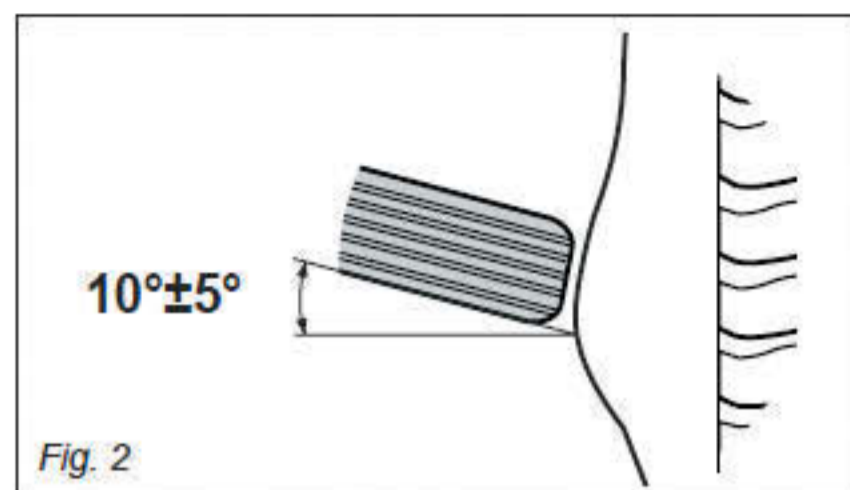
Check the wheel, wheel body, bearings and the number and condition of the chains. Replace damaged parts. When refitting a wheel, always use a new lock nut and tighten to 350 Nm.



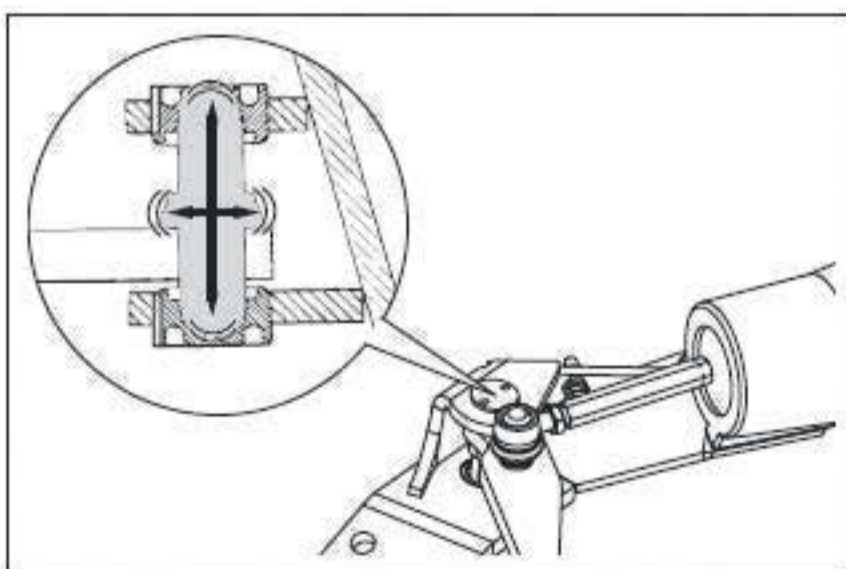
Check the Onspot for damage if it has been affected by external influences. Contact a workshop if damage is suspected.



Check that the chain wheel's position relative to the tyre is according to figures 1 to 4.



The chain wheel should be pushed against the tyre with a force of about 150-200 N. If necessary adjust Onspot 04 using the bottle screw.



Check the arm bearings for signs of seizure or play.

04 If it should be necessary to remove the cylinder from the arm and mounting, this must be done by an authorised workshop.



The Onspot should be removed and serviced between winter seasons to prevent unnecessary wear to bearings and other parts.