



RSP HOSE CARE

For longer life.



Accessories



Reduce wear.

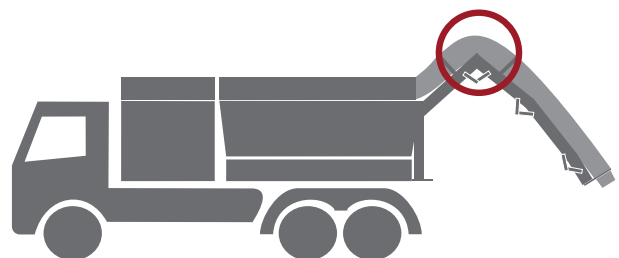
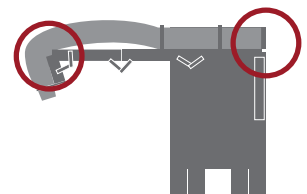
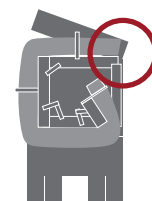
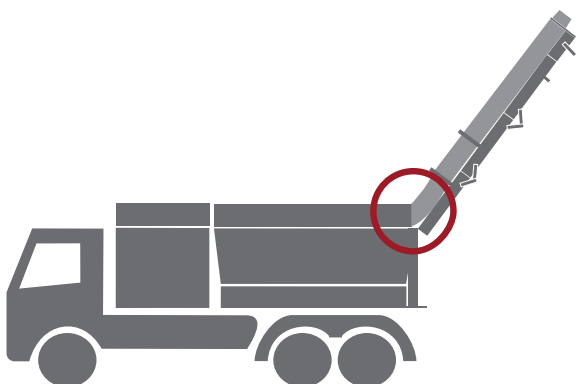
A suction excavator works with high flow velocities. These attack the inside wall of the hose aggressively depending on material or suction material. The joint hose carrier with the hydraulic cylinders exerts great forces on the suction hose, and generally a 90° angle (or greater) should be avoided.

Through the control of the individual arm links the slipping can be controlled and compression and lengthening of the suction hose avoided.

Misalignment of the joint hose carrier is a particularly common cause of the early onset of wear. This must be avoided. If an RSP suction hose is sucked through from inside to the outside it is damaged and constitutes an unsealed system.

Avoid this error.

Extreme forces occur when opening the lid into the transport position. Here the suction hose is pinched in the joint hose carrier and the suction inlet of the cover moves away from the vehicle due to the tipping kinematics, which causes the last freely movable part of the suction hose to be severely stretched in particular.





Influences and factors.

Due to the necessary material composition, conductive suction hoses must be assumed to have a lower life span.

Sharp-edged material, chemicals, gases and organic substances for example from biogas plants can cause deterioration inside the suction hose and also reduce the service life.

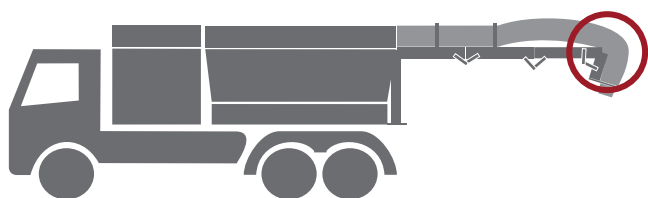
Single-sided internal damage does not necessarily require a change of the entire suction hose but only new positioning. The various positions are identified by letters A-D on the suction hose.

Longer service life.

A regular check of the RSP suction hoses is required for a longer life. It makes sense to do this during the weekly maintenance on the joint hose carrier.

Each suction hose is provided with markings at the end of the hose every 90°. The letters A - D clearly show the last used position.

The suction hose can be rotated several times depending on the wear, to position the damaged area differently. The RSP suction hose can also be turned as well from the cover side to the end of the hose carrier which reverses its direction of flow.



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