



## Demounting of gas spring

Gas springs are mounted on the longer models of Systems 75 and 100.

Especially during a thorough cleaning of the extraction arms, it may in some cases be necessary to remove the gas springs. During this process it is important to put the extraction arm into the right positions in order to prevent damage to the gas spring and the extraction arm.

### 1. Demounting gas spring

To prevent damages to the gas spring and the extraction arm it is important to position the extraction arm in a way that takes the pressure off the gas spring and leaves it inactive when demounting and mounting the gas spring.

#### 1.1 Demounting gas spring on socket pipe

**The gas spring on a wall or ceiling mounted extraction arm is a pull-spring.** It is important to push the A-pipe up towards the socket pipe as far as possible leaving the gas spring inactive. Now you are able to demount the gas spring by removing the thumb screws from the clamp rings.

*Warning: The extraction arm will not hold the upright position without the gas spring.*

On mounting the gas spring, the A-pipe must be pushed up towards the socket pipe until the gas spring fits easily onto the two clamp rings. It is impossible to extend the gas spring during the mounting. Due to the strength of the gas spring it is only extendable while mounted on the extraction arm.

**The gas spring on a table mounted extraction arm is a push-spring.** It is important to push the A-pipe towards vertical position until the gas spring is fully extended in order to make it inactive. By removing the thumb screws from the clamp rings you can now demount the gas spring.

*Warning: The extraction arm will not hold the upright position without the gas spring.*

On mounting the gas spring, the A-pipe must be pushed towards vertical position until the gas spring fits easily onto the clamp ring on the B-pipe and the angle bracket on the middle joint. It is impossible to contract the gas spring during the mounting. Due to the strength of the gas spring it is only contractable while mounted on the extraction arm.

#### 1.2 Demounting gas spring on middle joint

**On all extraction arms this gas spring is a pressure-spring.** It is important to extend the B-pipe upwards as far as possible until the gas spring is fully extended on order to make it inactive. By removing the thumb screws from the clamp rings you can now demount the gas spring.

*Warning: The extraction arm will not hold the upright position without the gas spring.*

On mounting the gas spring, it is important to adjust the angle between the A- and B-pipe until the gas spring easily fits onto the clamp ring on the A-pipe and the angle bracket on the middle joint. It is impossible to contract the gas spring during the mounting. Due to the strength of the gas spring it is only contractable while mounted on the extraction arm.