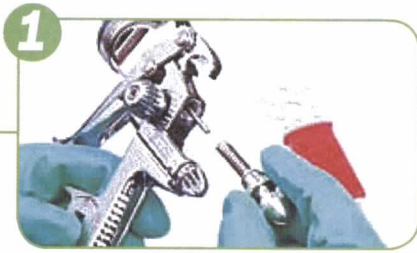


# Manual cleaning of paint spray guns

## Disassembly of nozzle set



1 First remove paint needle



2 Followed by the cap



3 And finally, unscrew fluid tip with the ring spanner integrated in the universal wrench

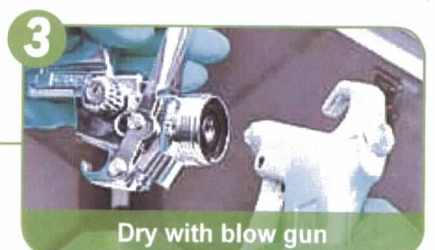
## Cleaning and drying



1 Clean the material passage



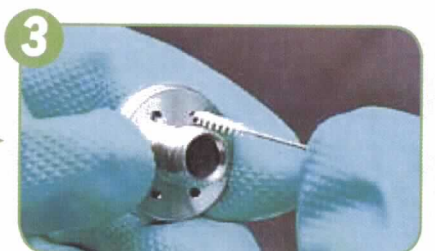
2 Clean the spray gun body



3 Dry with blow gun

When cleaning the spray gun manually, please ensure not to use brushes made of metal wires which could possibly damage the spray gun. Furthermore, please make sure that no cleaning fluid ends up in the air passages of the spray gun body - we recommend leaving the spray gun connected to the air line with the air flow rate reduced to the minimum!

## Cleaning of the nozzle set



When cleaning the nozzle components, please make sure that metal parts of brushes do not damage the nozzle set. Ideally, please use specially designed SATA cleaning brushes and SATA nozzle cleaning needles to ensure optimum cleaning and maintenance of the nozzle set.



# Assembly and Maintenance



SATA high performance grease, silicone and acid-free

Art. No. 48173 (1 tube)  
10009 (6 tubes)



Assemble fluid tip



Tighten fluid tip by hand with universal wrench



Mount air cap

When installing the nozzle set, please observe that the fluid tip has been hand-tightened with the enclosed ring spanner of the universal tool to ensure safe seal seat.

Each SATA paint spray gun and each replacement nozzle set is hand-adjusted and spray-tested. With a vertical spray fan, the air cap has to be positioned in a way that the laser-etched air cap marking can be read from the front. The marking on the outside of the air cap horn placed in the uppermost position instead indicates the correct orientation when spraying with a horizontal spray fan.



Grease paint needle in the needle packing area



Insert paint needle



Grease and insert paint needle spring

Over the years, the silicone-free SATA high performance spray gun grease which is compatible with paint has proven to be the perfect maintenance agent when thinly applied on all moving components as well as on all threads. This ensures free movement and perfect function of the components even after many years of use.

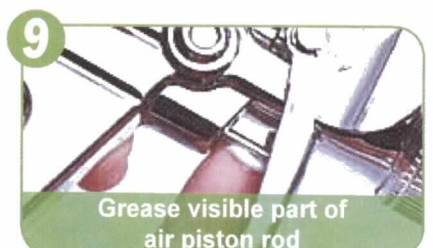
**Illustration see above - Art. No. 48173 (1 tube/unit) / 10009 (6 tubes/units)**



Grease thread of material flow control screw



Install material flow control screw



Grease visible part of air piston rod

For further tips and tricks concerning maintenance and service please pay us a visit at [www.sata.com](http://www.sata.com). Should you have any questions, please contact us under +49 (0) 7154/811-200!



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