

Assembly Instructions

Spare Part Kit VacuMaster

Doc. no. 30.30.01.01164-00-EN.doc

Version: 0

Proj. no.: -

Part no.: 12.02.07.05758 - 0



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Customer/supplier: J.Schmalz

General Information

The locking touch valve of the suction control is being replaced with a manual slide valve with a catch lever.

Components

Part name	Photograph/drawing
Set of spare parts for VacuMaster ERS-SET VM-LIGHT	

List of tools

Item	Designation
10	Torx wrench/Torx bit T25
20	Open-ended wrench in size 7
30	Open-ended wrench in size 13
40	Open-ended wrench in size 17
50	Open-ended wrench in size 19
60	Allen key in size 3

Assembly process

1. Use the Torx T25 to remove the screws from the cover of the device



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2. Remove the cover in 2 steps



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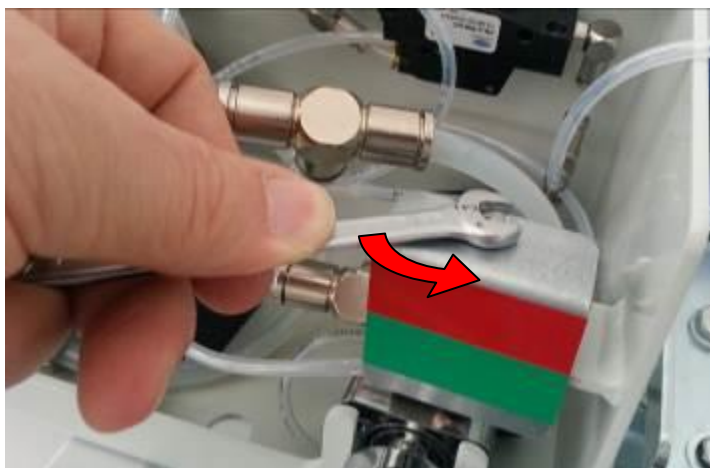
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3. Place the cover to one side



4. Removal of the red/green lug using the open-ended wrench in size 7



5. Remove the pneumatic cylinder using the open-ended wrenches in sizes 13 and 19



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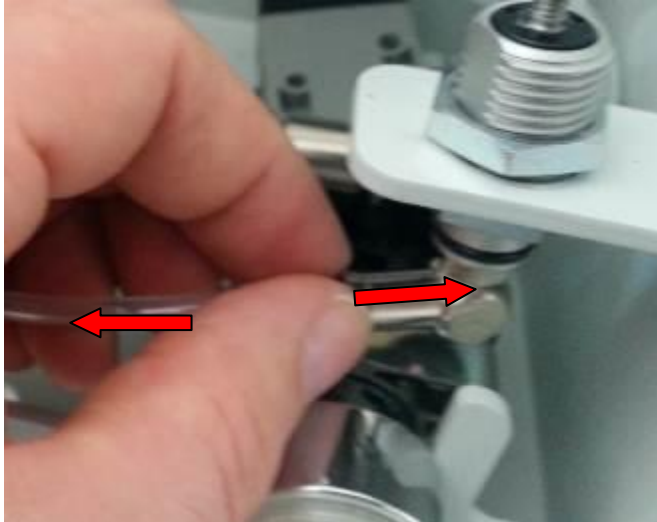
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6. Disconnect the hose from the pneumatic cylinder. To do so, push the screw union's locking ring toward the cylinder while pulling the hose out of the screw union.



7. Remove the pneumatic cylinder in three steps



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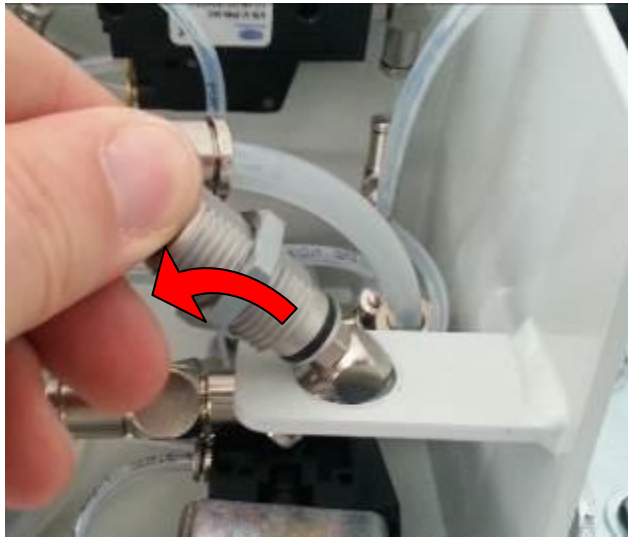
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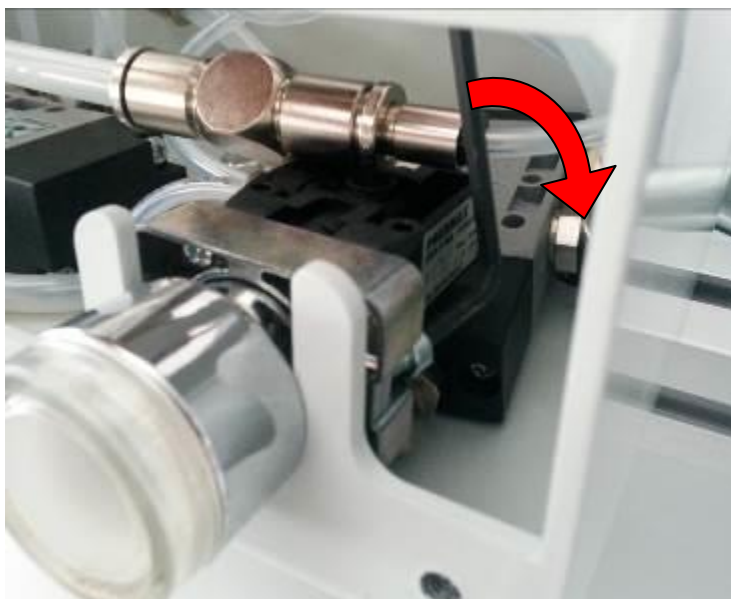


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8. Remove the touch valve using the Allen key in size 3. The screws only have to be loosened.



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9. Disconnect the hose from connection 2 on the touch valve



Insert the disconnected hose into the new manual slide valve as shown



10. Install the manual slide valve using the open-ended wrench in size 17



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11. Disconnect connection 1 on the touch valve



Pull the hose through the hole in the main body



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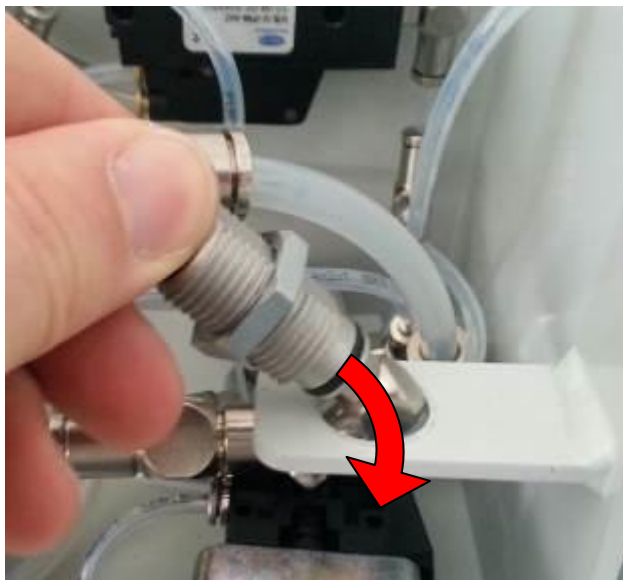


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12. Reinstalling the components that were removed but are still needed



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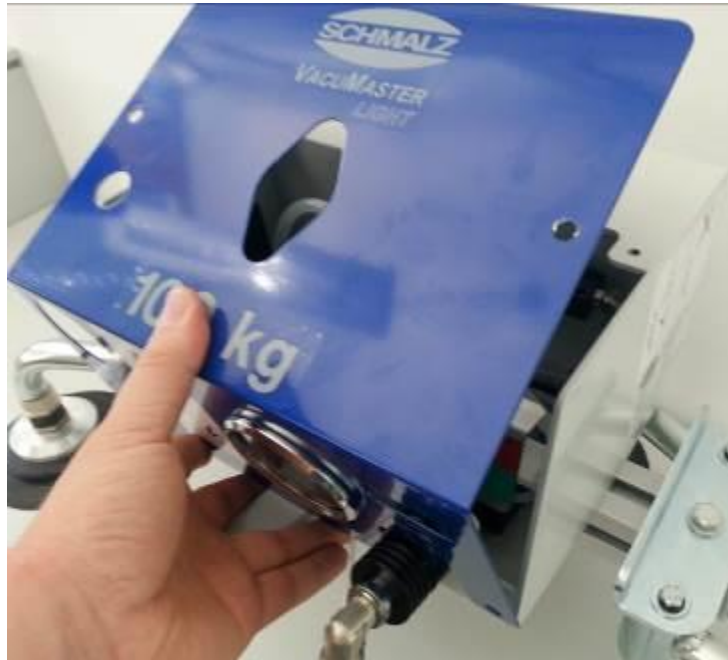
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13. Attaching the cover



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Notes

Functionality of the manual slide valve

The manual slide valve locks into both end positions using a retaining pawl.

To move the black sleeve, you must press and hold the silver button marked "PRESS."

- Pick up: Press the silver button and move the black sleeve toward VM Light
- Release: Press the silver button and move the black sleeve toward the operator handle

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Tests

1. Leak test

- a. After completing a modification, connect the compressed air supply to the device
- b. If it is not yet completed, set the manual slide valve to the OFF position
- c. Check whether all pressure lines are connected without leaks. When the valve is in the OFF position, there must not be a hissing noise coming from the device
- d. If you can hear a hissing noise, check the hose connections for leaks

2. Functional test

- a. Set the device on an airtight sheet
- b. Set the manual slide valve to the pick-up position
- c. Check whether the red/green switching lug switches to green
- d. If it does not switch to green:
 - Check the input pressure
 - Check the hose connections for leaks