1006954 – Conversion to Lattiz V1.2

Instruction

Instruction:
1006954 – Conversion to Lattiz V1.2

Work instruction for conversion of a Lattiz V1.1 to a Lattiz V1.2 with new condensate block.
All machines with this conversion are only allowed to use the software version 1420.
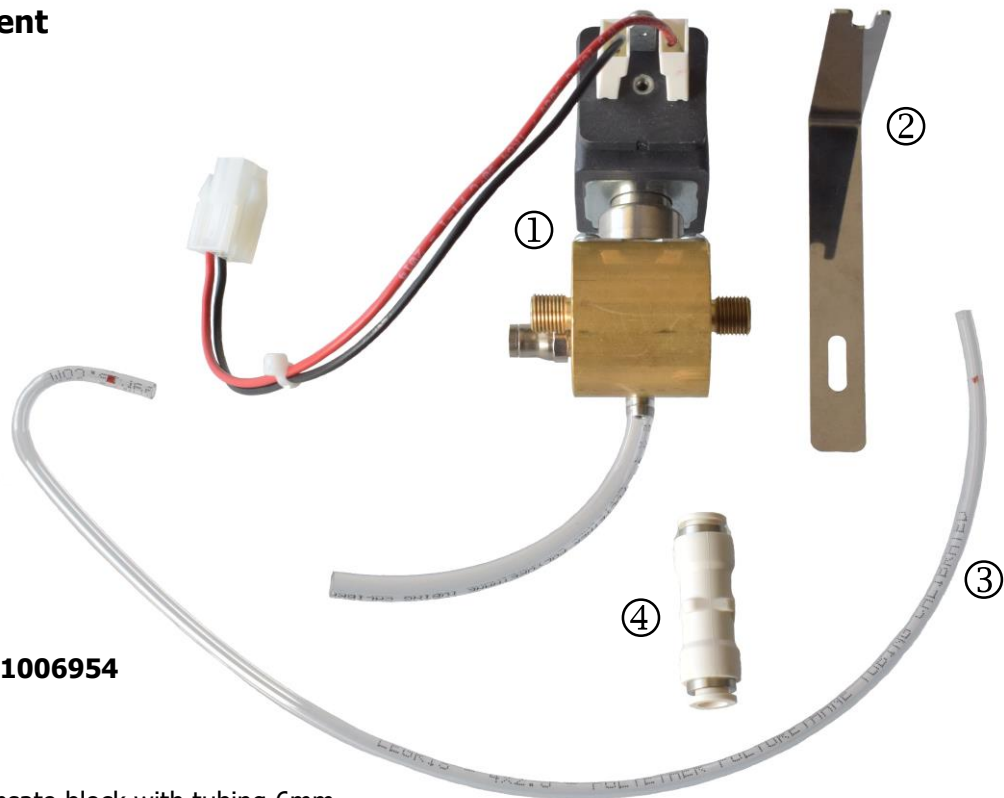
Application range
Lattiz V1.1   **All** serial numbers

Necessary tools
- Spanner No. 5.5
- Spanners No. 10 / 12 / 14
- Allen wrench Torx T20
- Allen wrench Hex 2.5

Delivery content

Conversion kit   = **1006954**

Content:

① Condensate block with tubing 6mm
② Metal bracket
③ FEP tubing 4x2mm transparent
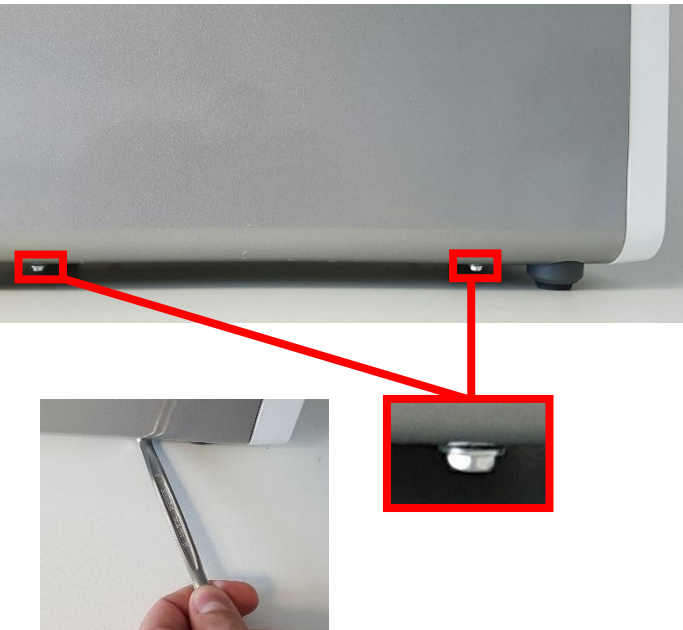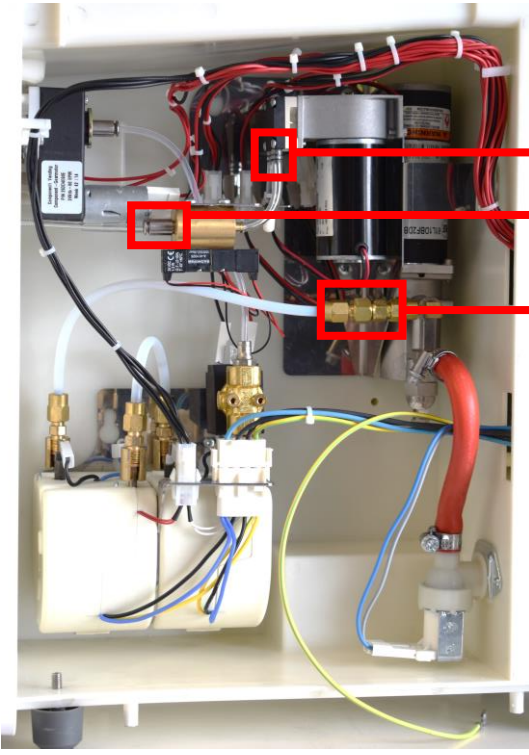④ Plastic non-return valve 6mm

Safety instructions

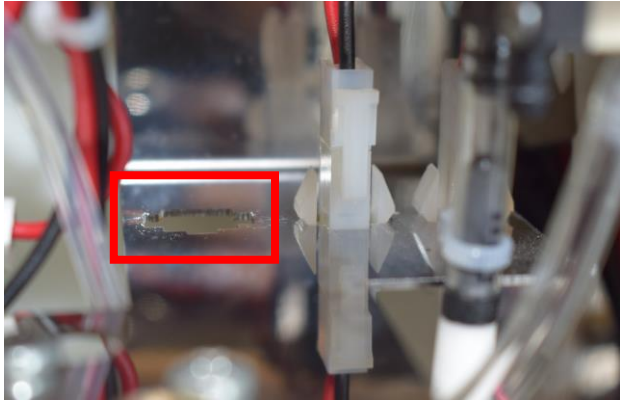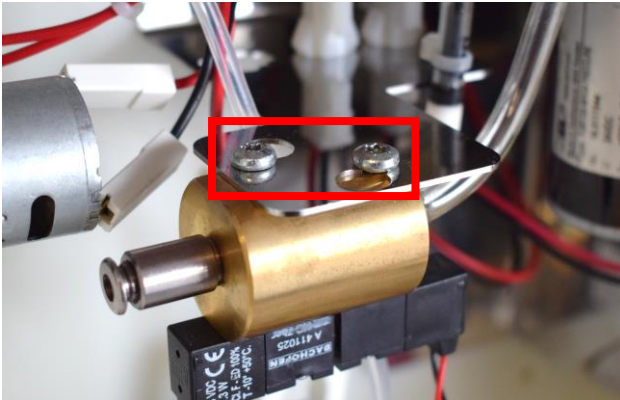Before you begin to build in the new components, please make sure that machine:
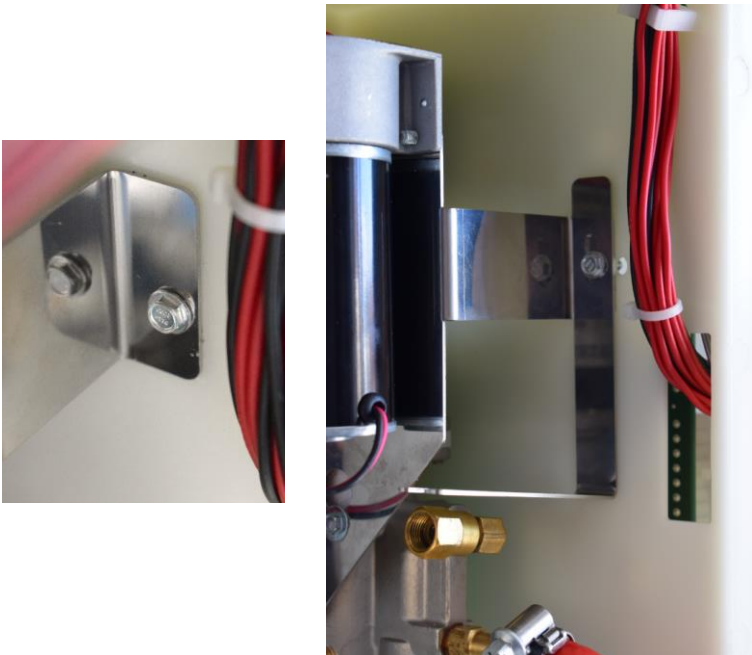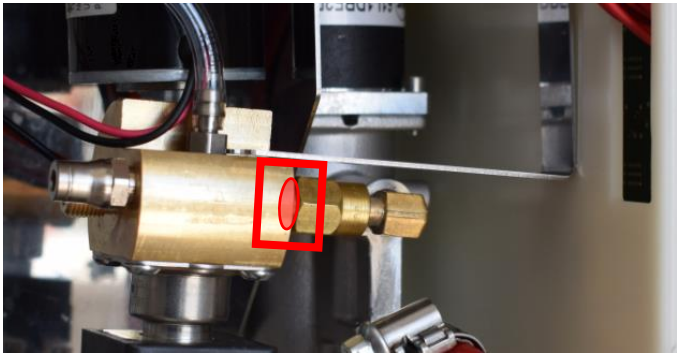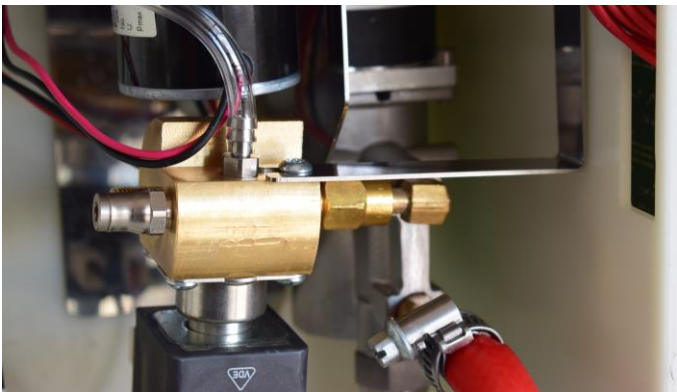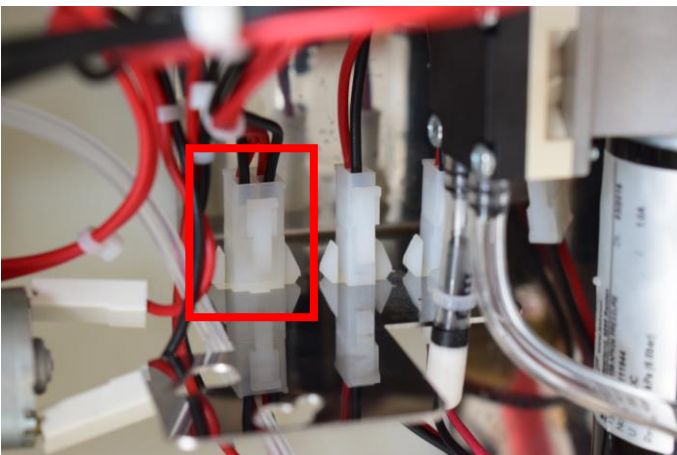- is disconnected from water connection.
- has been emptied with the appropriate function in the technician menu.
- is disconnect from power supply. Work always with disconnected machine.
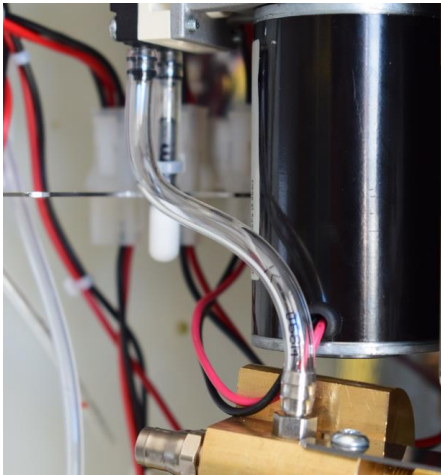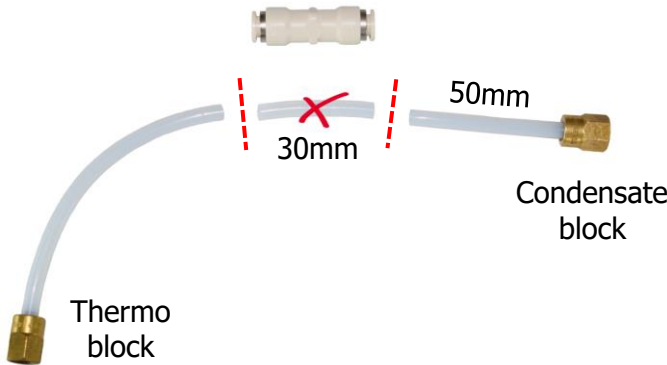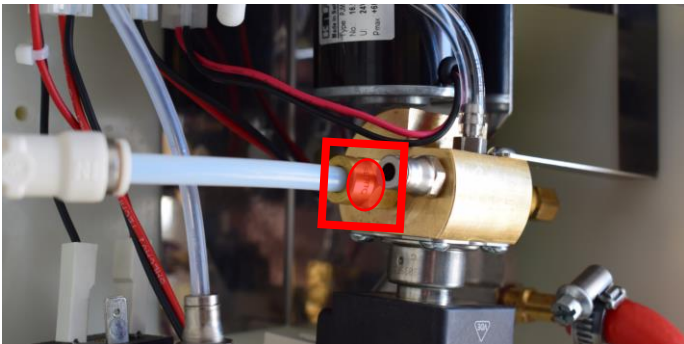
To avoid possible skin burns, it's important that the machine had time to cool down.

Modification

Step 1

Undo 2 hexagon screws.
Remove side cover right.

Step 2

① Disconnect tubing on air pump.

② Disconnect tubing on air valve block.

③ Untighten connection between water input tubing of thermo block and non-return valve.

Remove non-return valve from water pump output connection.

① Air pump

② Air valve block

③ Non-return valve

> **IMPORTANT:**
> Remove orifice and put on side, needs to be reinstalled at the end again.
> Check if orifice is blocked and clean it.

Step 3 Disconnect low voltage power cable from holder. Remove both connectors.	
Step 4 Untighten fixing screws on air valve block holder. Not necessary to remove screws fully. Remove air valve block by turning clockwise.	
Step 5 Untighten fixing screw and mount the metal bracket. Do not fully tighten the screw.	

Step 6 Build in new condensate block. In the connection between water pump output and condensate block is an orifice needed.	

⚠️	**IMPORTANT:** Do not forget to build in the orifice between water pump output and condensate block. Make sure that the orifice is cleaned and not blocked before build in.

Step 7 Mount condensate block on bracket and tighten fixing screw of bracket.	

Step 8 Connect low voltage power cable into free position on holder.	

Step 9 Connect air pump output and condensate block with tubing.	
Step 10 Before connecting water input tubing and condensate block, cut out 30mm of tubing and mount new plastic non-return valve between.	 50mm 30mm Condensate block Thermo block
Step 11 Tighten nut of water input tubing on condensate block. In this connection is also an orifice needed.	

⚠️ **IMPORTANT:**
Do not forget to build in the orifice between water pump output and condensate block. Make sure that the orifice is cleaned and not blocked before installation.

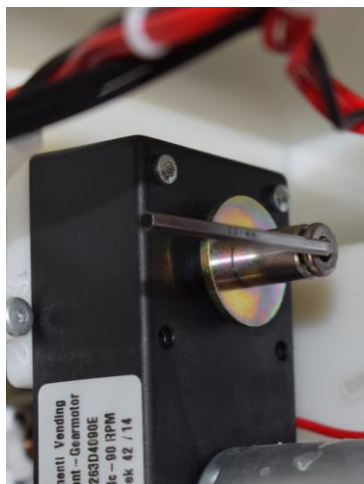|	
Step 12 Replace existing transparent FEP tubing in the coupling. Connect the new tubing with the condensate block.	
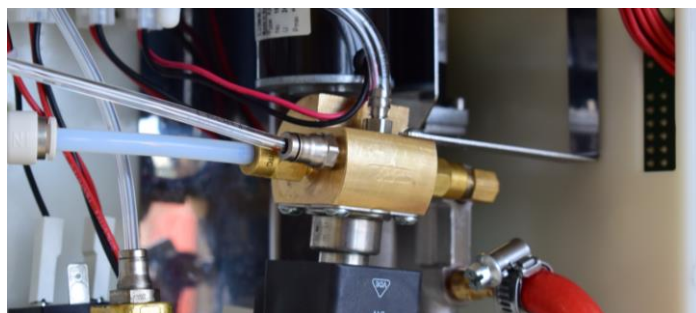
Additional

Step A1 Untighten the push-in fitting with an allen wrench hex 2.5. Remove metall and plastic washer and tighten the push-in fitting on water pin injector.	

Machine settings

The needed software version can be downloaded from our website from the dealers platform:
www.aequator.ch

Software 1420 can be loaded with "Aequator Communicator" (ACM).
If specific recipe parameters are needed, upload "CUSTOMER" parameter file only.