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Instructions for assembly of the double solenoid valve kit on 8 mc pump

MVS 31X

KR310E60



DOC. N. FM113269
REV. 0
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The maintenance and/or repair operations must be carried out by personnel who are trained and qualified for this type of intervention.



Before carrying out maintenance operations:

- Turn the equipment off from the main switch.
- Remove the plug from the mains socket.
- Wait for the machine and the vacuum pump to cool down.

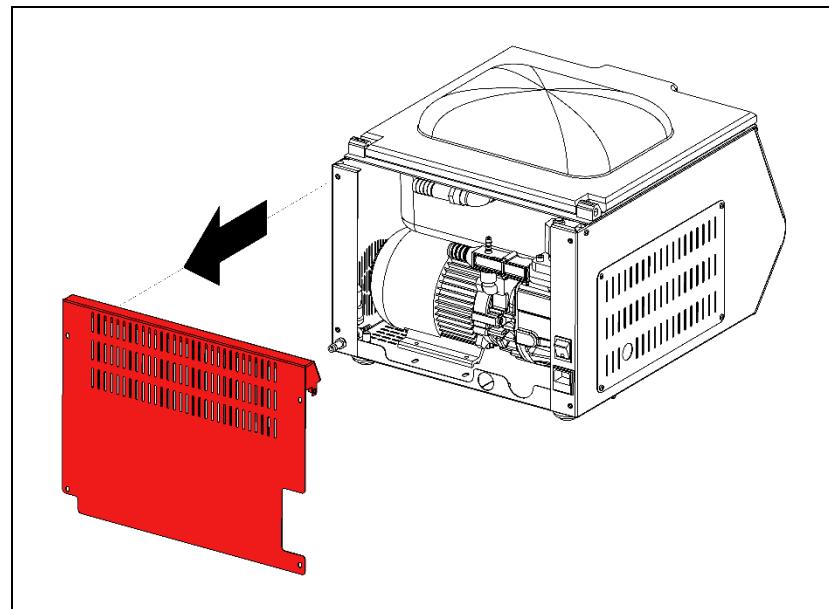


During maintenance and/or repair operations wear gloves that ensure protection against high temperatures and mechanical risks.

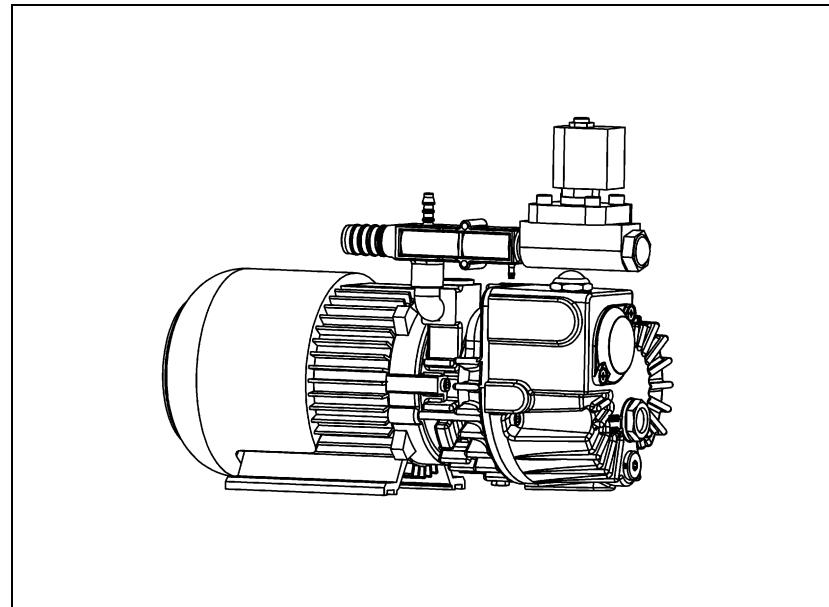
Features of the gloves:

- resistance to contact heat: EN 407:2020; 250 °C; recommended code X2XXXX Cat.II
- mechanical risk resistance: EN 388:2019; recommended code 2541.

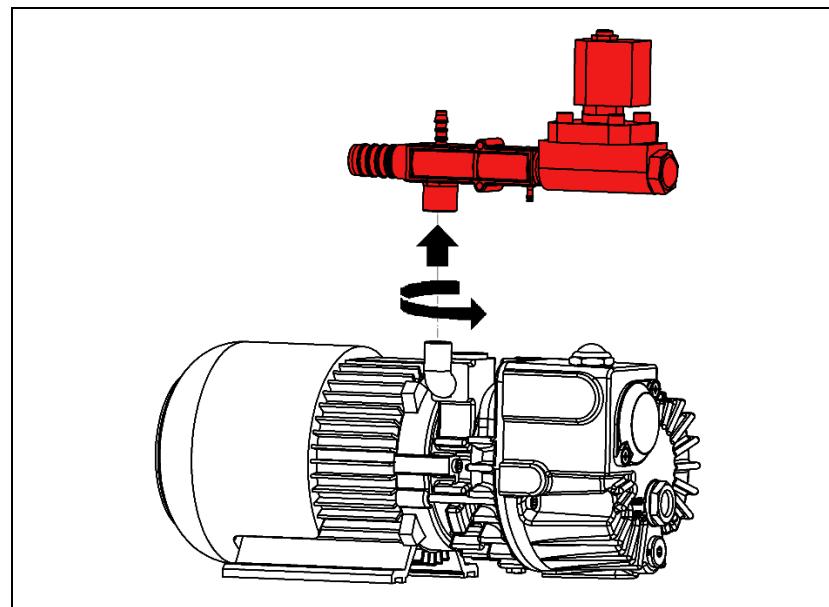
Remove the back panel of the machine.



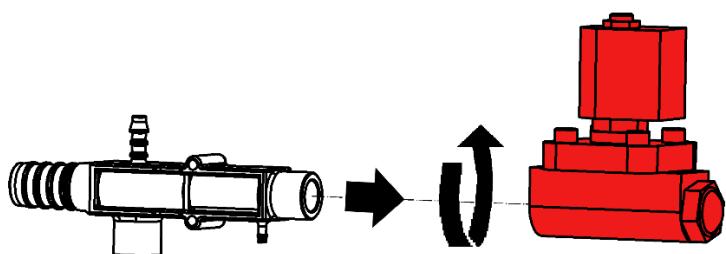
Disconnect the vacuum system tubes from the pump. Remove the pump from the machine and place it on a worktop.



Loosen the screw fixing the connector to the solenoid valve. Remove the connector from the solenoid valve. Remove the "solenoid valve unit" from the pump.

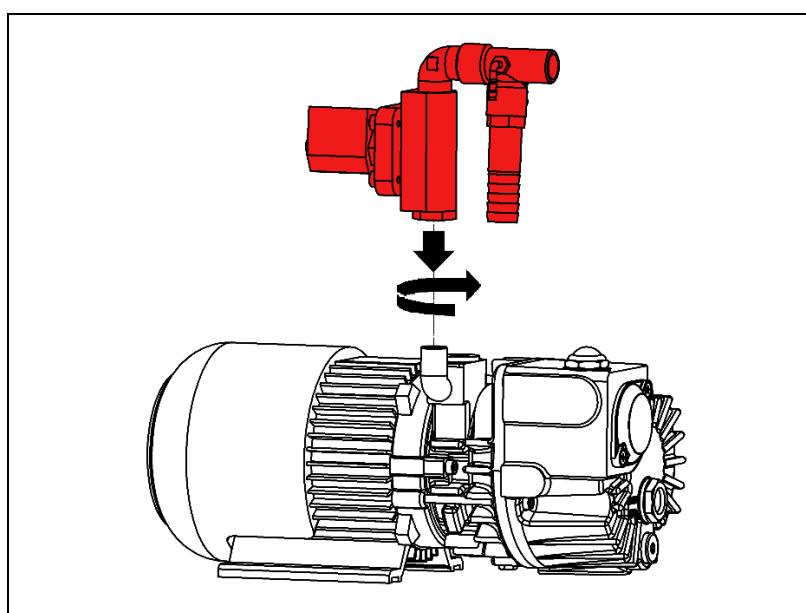


Disassemble the solenoid valve with the silencer (they will be needed later).



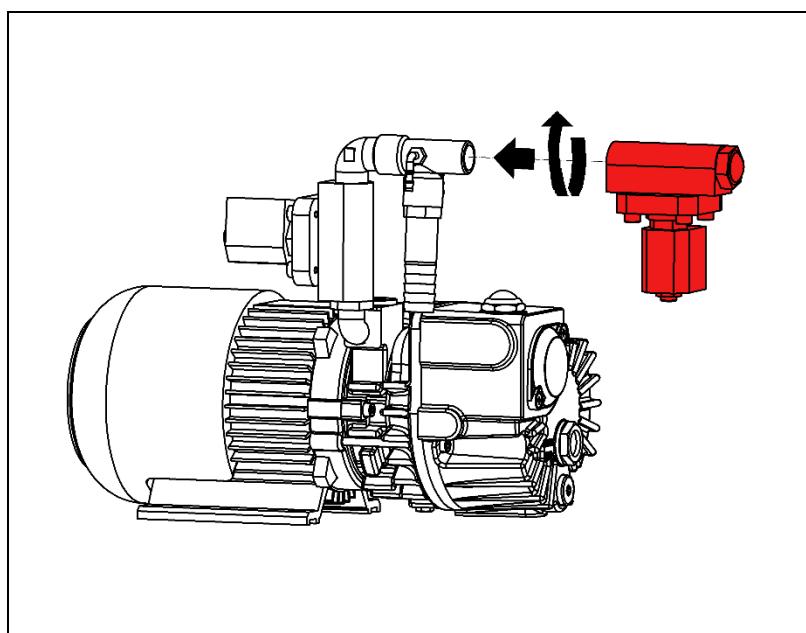
Take the new solenoid valve unit and assemble it on the pump fitting.

Note: apply sealant for fittings



Take the previously disassembled solenoid valve with silencer and tighten it on the new fitting.

Note: apply sealant for



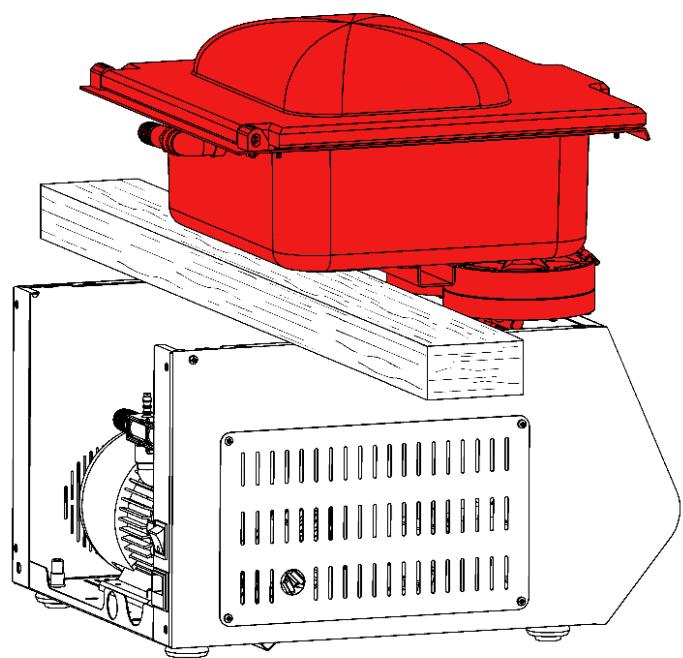
A questo punto collegare elettricamente la pompa.

Now electrically connect the pump.



To facilitate the connection, it is necessary to loosen the 4 screws fixing the tank to the bodywork and lift the tank.

Place the membrane on the bodywork (do not crush the pipes and fittings) and on the rear side, between the tank and the bodywork, place a shim (wooden board) and place the tank on it.



For MVS31X model:

Connect the QV4 solenoid valve skein on the control board terminal board (pos. 1 and 6).

See wiring diagram WDMV3104.

Terminato il collegamento elettrico riposizionare la vasca sulla carrozzeria.
Riposizionare la pompa all'interno della macchina.
Chiudere il pannello posteriore.

Upon completing the electrical connection, reposition the tank on the bodywork.
Reposition the pump inside the machine.
Close the rear panel.