

Maintenance notes

for the see-saw pump with reservoir Order No. 5.27120/5.27125/5.27126

A Once or twice per year open the pump cylinder to grease using special fitting grease. Also check bearings and gaskets.

1. Check bearings for wear and tear and replace if necessary.
2. Remove the bearing covers from the see-saw beam bearings.
3. Lift and remove the see-saw beam and at the same time lift the pump pistons upwards.
4. Clean the pistons and cylinders and lubricate them again. If necessary replace the piston rings.
5. Check that the see-saw beam is firmly attached. Retighten the nuts of the fastening screws.

B Open the service lid located next to the see-saw pump

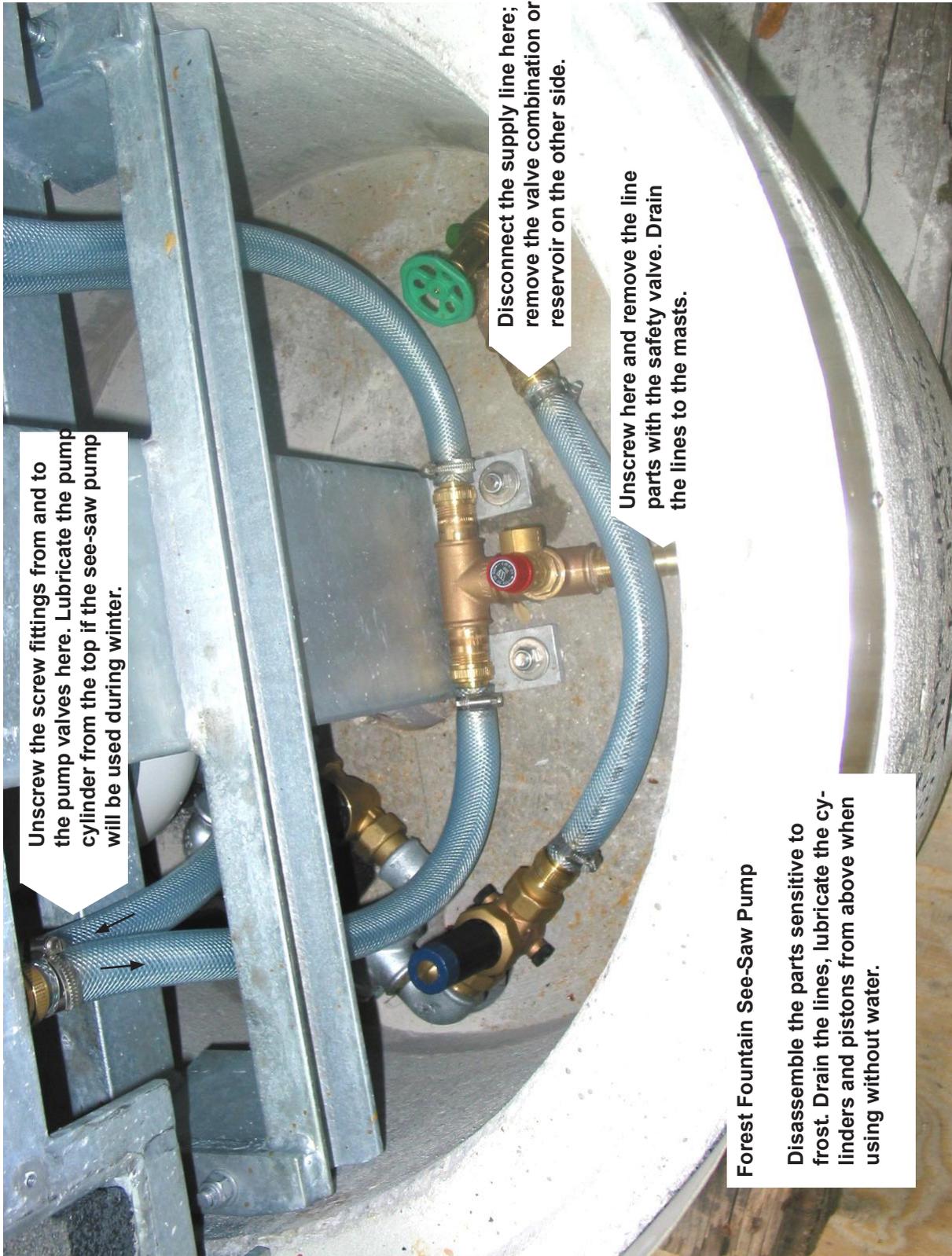
1. Unscrew the bolts of the side panels used to cover the pump base (6 bolts each).
2. Lift vertically by holding Allen keys into the bolt holes of the sheets.
3. The lid parts can then be pulled diagonally upward and removed.
4. The supply and spraying head connections are located on the side of the distribution station. The water reservoir with the float valve is located on the other side.

C Maintenance of the float valve in the reservoir. Loosen the latch fastener on the stainless steel reservoir.

Check sealing function. If applicable, replace the seal or the entire float valve.

D Taking the equipment out of service during the period of frost. **The see-saw operation can remain enabled. Before operating the equipment without water, the pump cylinders should be greased using special fitting grease. Otherwise remove the cylinders and cover the flanges with lids.**

1. Turn off the water supply to the see-saw pump shaft and open the drainage valve.
2. Drain the water reservoir (operate the see-saw pump until drained completely).
3. Unscrew the screw fittings of the non-return valves and the supply line.
4. Unscrew the screw fittings of the distribution connections to the non-return valves at the pump cylinders. Store the safety valve protected from frost. Remove the reservoir and clean the shaft.
5. Unscrew the screw fittings of the lines to the masts in the shaft. Turn the handles on the distribution stations in order to completely drain them.
6. Unscrew the bolts used to fasten the pump cylinders and piston rod bearings. Mark all parts removed for proper re-assembly.
7. Screw on the included winter lids.



Unscrew the screw fittings from and to the pump valves here. Lubricate the pump cylinder from the top if the see-saw pump will be used during winter.

Disconnect the supply line here; remove the valve combination or reservoir on the other side.

Unscrew here and remove the line parts with the safety valve. Drain the lines to the masts.

Forest Fountain See-Saw Pump

Disassemble the parts sensitive to frost. Drain the lines, lubricate the cylinders and pistons from above when using without water.

