

# Instructions for wear checks of play equipment

## Playground.....

### Date of installation .....

Checks depend on the type of equipment. Any equipment with moving parts must be checked at least twice a year, static equipment at least once a year.

Intervals for maintenance work and checks generally depend on

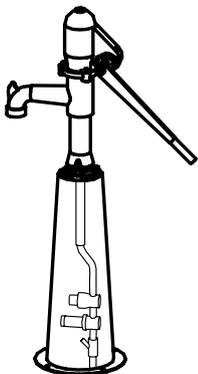
- location
- usage
- frequency of use
- possible vandalism

**For more details see also our general instructions for maintenance of playgrounds!**

## Playground Pump

drinking water up to underside of piston

**Order No. 5.17630 / 5.17640**



**For spare parts refer to page 4-5.**

## Long-term decommissioning

Pay attention to the following notes regarding long-term decommissioning, e.g. during the winter:

Drain supply lines. Where temperatures may fall below freezing, it is imperative the pump (**No. 5.17630**) including pillar be drained. If a programmable rinsing device (**No. 5.17640**) is fitted, the time switch is particularly vulnerable to frost damage as it cannot be drained. Therefore, it is imperative the pump be dismantled. Store the pump protected from frost.

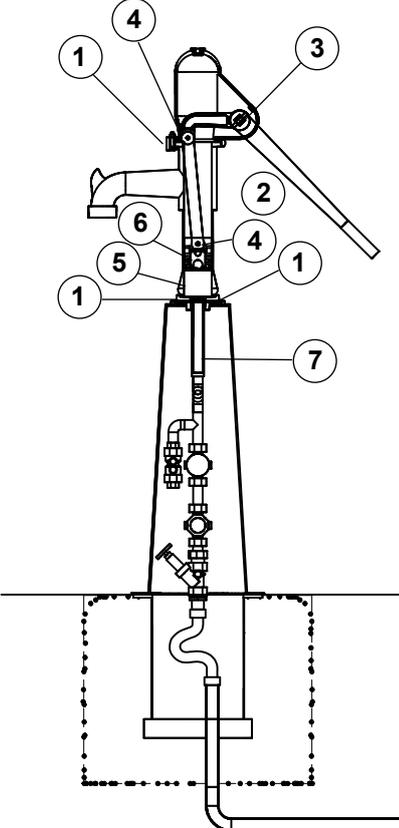
## Short-term decommissioning

Pay attention to the following notes regarding short-term decommissioning:

When decommissioning for a short time, remove pump swipe/ handwheel and secure with a chain.

### Important!

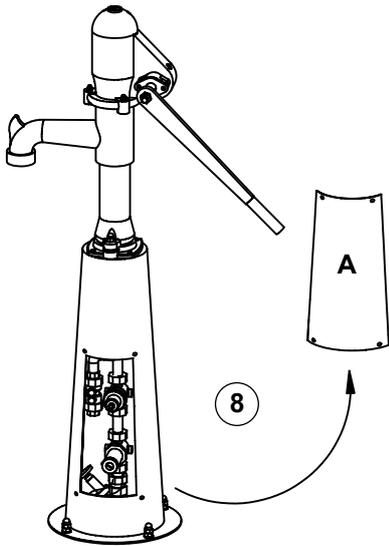
Under no circumstances simply disconnect from water supply since during dry operation the pump is exposed to extreme wear and tear. Also, the pump swipe may strike back if the safety valve fails (risk of injury). In addition, the equipment would be vulnerable to vandalism.

<b>Instructions for wear checks of play equipment</b>	<b>The equipment must be checked for correct operation and safety, especially the points listed below:</b>	<b>Proof of maintenance</b>	
	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <b>Top part of the pump</b> </div> <ol style="list-style-type: none"> <li>1. Check that all bolts are tight (2.5 Nm max.).</li> <li>2. Check that pump swive/handwheel moves smoothly and is securely connected (must not spring back), tighten nuts if necessary.</li> <li>3. Check shaft bearing for wear and tear and grease using existing lubricating nipple. Replace brass bearing, if necessary.</li> <li>4. Check that the bolts used to fasten the piston rod are tight.</li> <li>5. Check brass sleeve and plastic piston for wear and tear.</li> <li>6. Regrease grooved ring of the plastic piston using appropriate valve grease, replace if necessary.</li> <li>7. Check seal of plunging valve, valve must move smoothly.</li> </ol>	<input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>	Special notes, e.g. for repairs
	<b>Repair not carried out, it is still possible to play on equipment</b>	<input type="checkbox"/>	
	<b>Repair not carried out, equipment is taken out of action</b>	<input type="checkbox"/>	
	<b>All work carried out, everything is in order</b>	<input type="checkbox"/>	
<b>Maintenance carried out by:</b> ..... <b>Date</b> .....			

# Instructions for wear checks of play equipment

The equipment must be checked for correct operation and safety, especially the points listed below:

Proof of maintenance



## Valve combination

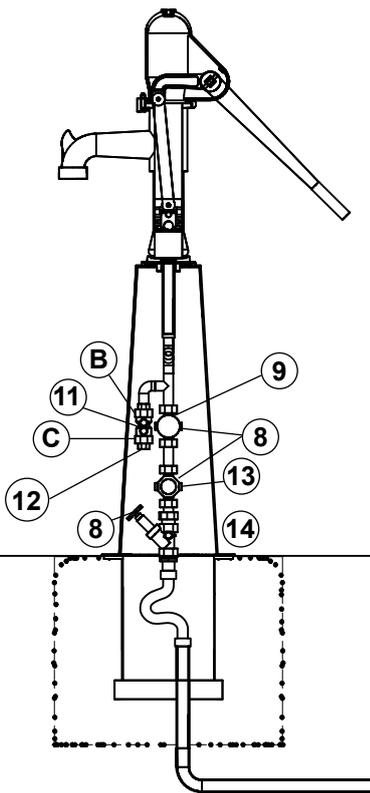
8. Open **service lid A** and close shut-off valve in the pillar; clean sieves in the pressure reduction valve every 6 months, clean membrane valve and safety valve if soiled, clean monthly if water is very calcareous.
9. If the pump is dripping continuously, disassemble membrane valve completely, clean sieve and valve seat (rubber flat gasket) and re-assemble. Check once again. If it is still dripping, the membrane valve unit must be replaced.
10. Check all screw fittings for leakages.
11. Check the relief valve for leakages and proper operation by closing the shut-off valve and pumping vigorously – it should be possible to hear clear sucking sounds. The pump swive should not strike back. If it does, replace the functional part within the relief valve. To do this, loosen **cap nut B**, remove the relief valve (11), loosen **cap nut C** and remove the sinter metal filter. Push the functional part out of the housing (push in the **direction C to B**). Install repair set for the functional part in reverse order. Check relief valve for proper operation as described above.
12. The sinter metal filter on the relief valve must be replaced once a year; to do this, loosen cap nut C, remove filter and screw in a new filter.
13. Check pressure reducer; it must be set to 1–1/2 bar.







Special notes, e.g. for repairs



## Structural stability

14. Check pump for stability.

Repair not carried out, it is still possible to play on equipment

Repair not carried out, equipment is taken out of action

All work carried out, everything is in order

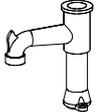
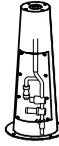
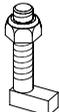
Maintenance carried out by:

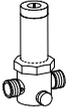
..... Date .....

**Spare parts**  
**Playground Pump**  
**Order No. 5.17630 / 5.17640**



Please note that the safety standards of the equipment must not be affected. Therefore, when carrying out repairs it is helpful to **only use original parts**.

Order No.	Spare parts	Order No.	Spare parts
0.97600	Cylinder, hot-dip galvanised with brass sleeve 	0.97792	Brass bearing, small 
0.97806	Outlet sieve 	0.97670	Spring Dowel for forked lever 
0.97807	Relief valve 	0.97710	Pump swipe made of grey cast iron 
0.97808	Sinter metal filter * 	0.97730	Piston from POM, incl. 1 tube 
0.97809	Repair kit for relief valve * 	0.97727	Retaining ring for plastic piston 
0.97610	Mounting plate, hot-dip galvanised 	0.97728	Grooved ring for plastic piston incl. 1 tube of fitting grease* 
0.97630	Air dome cap, hot-dip galvanised with 2 brass bearings 	0.97729	2 Quad-Rings for plastic piston with 1 tube of valve grease 
0.97633	Robertson bolt 3/8 inch 	0.97732	Brass sleeve for plastic piston 73 mm 
0.97634	Robertson bolt 3/4 inch 	0.97740	Piston rod, galvanised 
0.97639	Spanner 	0.97750	Plunging valve, hot-dip galvanised with seal 
0.97643	Forked lever, hot-dip galvanised 	0.97760	Rubber seal for plunging valve 
0.97642	Shaft stainless steel 	0.97770	Rubber seal for mounting plate * 
0.97661	Gland flange, machined for bearing and collar of shaft 	0.97780	Rubber seal with air dome cap * 
0.97791	Brass bearing, big 	0.97795	Pillar with integrated pressure connector 
		0.97810	Stainless steel hook bolt with nut 

<p><b>Spare parts</b>  <b>Playground Pump</b>  <b>Order No. 5.17630 / 5.17640</b></p>		<p>Please note that the safety standards of the equipment must not be affected. Therefore, when carrying out repairs it is helpful to <b>only use original parts.</b></p>
<p><b>Order No. Spare parts</b></p>		
<p><b>0.97820 Membrane valve – new</b></p>		
<p><b>0.97822 Cartridge for membrane valve *</b></p>		
<p><b>0.97826 Seal Ring</b></p>		
<p><b>0.97830 Pressure reducer</b></p>		
<p><b>0.97862 Hose clip</b></p>		
<p><b>0.97802 Straining sieve for Pump</b></p>		
<p><b>0.97819 Timer for Order No. 5.17640ff.</b></p>		
<p><b>0.97818 Tool for opening the membrane valve</b></p>		
<p><b>0.97815 Repair Kit</b>  <i>(contains all parts marked with *)</i></p>		