



Periodical preventative  
maintenance

Elexo XXL Shower-toilechair

## Elexo XXL Shower-Toiletoverstoel 51005300 (Standard)



### **Important!**

The Elexo XXL should be inspected at least once a year.

Repairs and maintenance should be undertaken only by staff authorised to do so by Lopital Nederland BV, and with original spare parts.

Making changes to the construction could affect the safety of the Elexo XXL. This will also lead to Lopital's liability and warranty conditions being invalidated. As a result, the Elexo XXL will no longer comply with the guidelines for medical devices.

Each inspection or repair must be entered to the log.

### **Manufacturer:**

Lopital Nederland B.V.  
Laarakkerweg 9  
5061 JR Nederland  
T (0031) 13 52 39 300  
F (0031) 13 52 39 301  
[www.lopital.com](http://www.lopital.com)  
E-mail algemeen: [info@lopital.nl](mailto:info@lopital.nl)  
E-mail service: [service@lopital.nl](mailto:service@lopital.nl)

# Index

- 1. General condition of the chair ..... 4
- 2. Batteries ..... 5
- 3. Battery charger..... 6
- 4. Operation and Lock button ..... 6
- 5. Wheels ..... 7
- 6. Arm rests ..... 8
- 7. Foot support ..... 8

- 1. General condition of the chair
- 2. Batteries
- 3. Charger
- 4. Operation + Emergency stop
- 5. Wheels
- 6. Armrest
- 7. foot support

C= Check  
 S= Service/lubricate  
 A= Replacement advised  
 V= Replacement



Month	12	24	36	48	60	72	84	96	108	120
General condition	C	C	C	C	C	C	C	C	C	C
PUR	C	C	C	C	A	C	C	C	C	A
Batteries	C	C	A	C	C	A	C	C	A	C
Charger	C	C	C	C	C	C	C	C	C	C
Operation	C	C	C	C	C	C	C	C	C	C
Wheels	C	C	C	C	C	C	C	C	C	C
Armrest	C	V	C	V	C	V	C	V	C	V
Foot support	C	C	C	C	A	C	C	C	C	A

# 1. General condition of the chair

Month	12	24	36	48	60	72	84	96	108	120
	C	C	C	C	A	C	C	C	C	A

## Required tools

- Touch- up pen Sikkens A77A2

- Visually check if the log, the instructioncart and the user manual are available. When it's not available, report this by the user.
- Visually check if all stickers are present and legible. Can you read the serial number yet?
- The CE Sticker should be present and clearly legible. This also applies to the sticker with inspection date.
- Visually check all painted parts for damage and corrosion. Touch up if necessary.
- Check PUR parts for severe discolouration (Brown in particular) and damage.
- Are all the screws present and securely fitted? Also that of the guide?
- Check whether the bolts of the actuator are securely fitted, both at the top and at the bottom. (See figure 1 and 2)



Figure 1 Screw actuator



Figure 2 Screw actuator



Figure 3 Retaining rings

- Motor cover still present and not torn?
- Check whether all the retaining rings are present (8 in total). If not present then it should be placed, otherwise rejected the chair. (See figure 3)
- Does the chair move up and down smoothly?

## Present:

- Foot supports (not a failure item)
- Charger

For reasons of hygiene, it is strongly recommended to replace the seat and back once every 5 years.

### Required tools

- Battery tester
- Contactspray

## 2. Batteries

Month	12	24	36	48	60	72	84	96	108	120
	C	C	A	C	C	A	C	C	A	C

- A battery can be checked only when it is charged! Measure batteries individually.
- Replace if  $\leq 4,5\text{Ah}$  ( $\leq 65\%$ )
- Always replace both batteries.
- Write the replacement date on the battery (waterproof pen) and put a new sticker on the rear of the motor cover.

It is strongly recommended to replace the battery once every 3 years.

### Method:

Put the chair in a high position and detach the plug from the manual controls.

1. Remove pressure nails at the front (2x).



Figure 4 Cap front

2. Unscrew screws at the back (2x) and detach end covers.

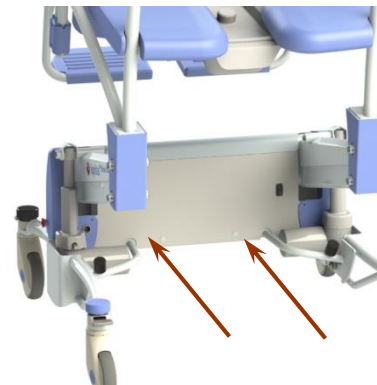


Figure 5 Cap Back

Please note: the charger connector is attached to the cover.

3. The front part of the battery cover can now be tilted up.



Figure 6 Battery cap

4. Replace batteries. Write the replacement date on the battery. Connect all the cables; the red positive pole should be connected last. Refit cap and secure. Test chair.

### 3. Battery charger

Month	12	24	36	48	60	72	84	96	108	120
	C	C	C	C	C	C	C	C	C	C

**Required tools**

- NEN 3140 Test equipment

- The charger must be tested each year in accordance with NEN 3140 and provided with an identification sticker and NEN 3140 sticker.
- Check charger for any damage (plug + cable + contact); if the cable is damaged, replace the whole charger.
- Check the charging voltage; it should be at least the value as indicated on the charger, and be more than 27 Volt.
- Check whether there is too much corrosion on the connectors; also check the charger connector on the chair.



Figure 7 Charger

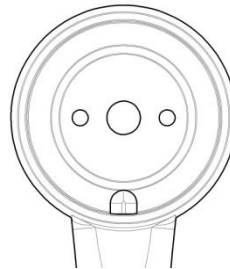


Figure 8 Charge plug

### 4. Operation and Lock button

Month	12	24	36	48	60	72	84	96	108	120
	C	C	C	C	C	C	C	C	C	C

**Required tools**

- 

- Check manual controls and cable for any damage.
- Check whether all the buttons function properly.
- Check all functions. Also pay attention to any noise (rattling /squeaking) and any jolting/faltering.
  - Fully up/down (controls switching off at maximum position).
- The chair should go into "sleep mode" when the charger is connected.
- Check emergency lowering button.
  - Press button (without pressing manual controls)
  - Press "up" and "emergency lowering" button at the same time; the chair now SHOULD lower.



Figure 9 Emergency stop



Figure 10 Emergency



Figure 11 Manual control

- Check the function of lowering safety device:

**Method:**

- Put the chair on the brake.
- Block the downward movement of the chair by putting something (e.g. a beam) between the floor and the chair support / scissor mechanism, and check whether the chair switches itself off (you should hear a "click").
- Ensure that the downward movement stops.
- Check the left and right section of the scissor mechanism separately.

## 5. Wheels

Month	12	24	36	48	60	72	84	96	108	120
	C	C	C	C	C	C	C	C	C	C

**Required tools**

- Allen key 8mm



Figure 12 Wheel

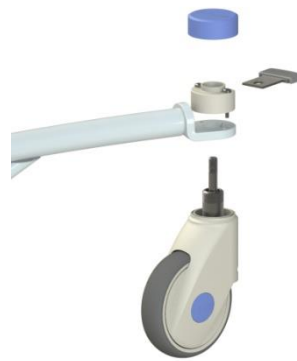


Figure 13 wheel exploded

- Check the attachment of the wheel (Tolerance)
- Check freewheel function + brakes.
- Do all four the wheels touch the floor on a flat surface? If not, check the chair right course.
- Brake lip intact?
- Check the tread.

Replace the wheels if they are damaged or worn.

## 6. Arm rests

Month	12	24	36	48	60	72	84	96	108	120
	C	V	C	V	C	V	C	V	C	V

### Required tools

- Allen key 6mm

- Inspect its functioning, and check for any damage, corrosion. Always treat corrosion.
- Check its room for motion, measured at the front point (replace if it is more than 4 cm.)
- Are the arm supports evenly positioned?
- Is the secure bolt present?

Replace bolts once every 2 years.

Look for an exploded view on [www.lopital.nl](http://www.lopital.nl)



Figure 14 Armrest

## 7. Foot support

Month	12	24	36	48	60	72	84	96	108	120
	C	C	C	C	C	C	C	C	C	C

### Required tools

- Allan key 4mm

- Check for any damage.
- Are the foot plates evenly fitted and slanting upwards a little towards the middle?



Figure 15 Foot rest





For more information, visit our website: [www.lopital.com](http://www.lopital.com)

Lopital Nederland B.V. Laarakkerweg 9, 5061 JR Oisterwijk, Postbus 56, 5060 AB Oisterwijk Tel +31 (0)13 5239300, Fax +31 (0)13 5239301, E-mail [info@lopital.nl](mailto:info@lopital.nl), [www.lopital.nl](http://www.lopital.nl)

