



If caregivers have a choice, they choose Lopital



Periodical preventative  
maintenance and inspection

Tango Shower-toilechair

## Tango Shower-Toiletchair

51005700



### **Important!**

The Tango must be serviced and inspected at least once a year.

Service and maintenance of the Tango is only permitted by qualified persons and using original spare parts.

Making changes to the construction could affect the safety of the Tango. This will also lead to Lopital's liability and warranty conditions being invalidated. As a result, the Tango will no longer comply with the regulation MDR (EU) 217/745 for medical devices.

Each inspection or repair must be entered to the log.

The average technical life of the Tango is 10 years, assuming it is cleaned daily and regularly maintained supplied.

### **Manufacturer:**

Lopital Nederland B.V.  
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- 1. General condition of the chair
- 2. Wheels
- 3. Armrest
- 4. Footrest

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   |
| Wheels            | C  | C  | C  | C  | C  | C  | C  | C  | C   | C   |
| Armrest           | C  | V  | C  | V  | C  | V  | C  | V  | C   | V   |
| Footrest          | 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 all labels are present and legible.
  - Serialnumberlabel:
    - Is the serial number still legible?
    - Is the datamatrix still readable for a scanner?
    - Is the CE logo still visible?
  - Inspectionlabel:
    - Is the inspection date still legible?
  - QR label:
    - Is the QR code still readable for a QR scanner?
- 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?

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

## Present:

- Footrests (not a failure item)
- Lid of seat (not a failure item)

## 2. 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

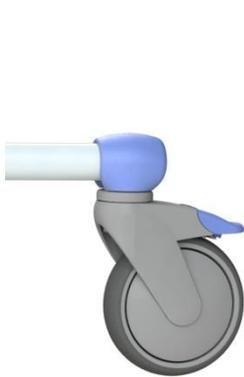


Figure 1 Wheel



Figure 2 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.

Older wheels, before July 2014



Figure 3 Wheel

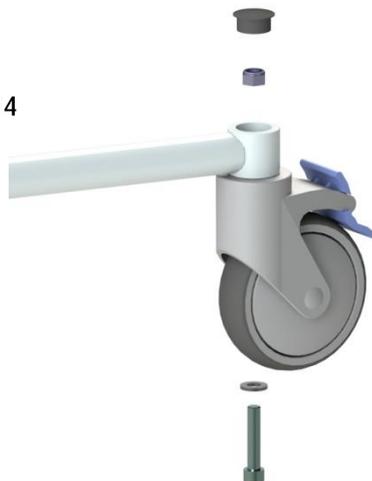


Figure 4 Wheel exploded view

Required tools

- Boxspanner 17 mm
- Allen key 8 mm

- 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.

Chairs that are made before July 2014 are equipped with steel wheel clots. For those clots we have a cover to protect against damage.

Place the cover on the steel wheel clots, if it is not done already.

- Remove the decorative plug
- Is there corrosion on the wheel clots?
- Remove loose corrosion with a wirebrush.
- Treat the wheel clots with rust converter Noverox.
- Paint the wheel clots.
- Let the paint dry.
- Place the cover over the wheel clots.

#### Required tools

- Plastic hammer
- Hammerite

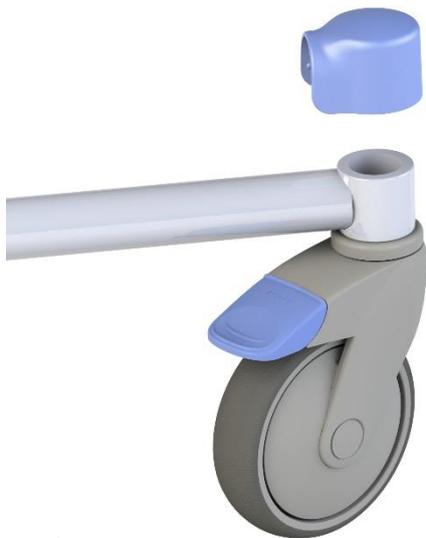


Figure 5 Cover

### 3. Armrests

| 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.
- Are the armrests evenly positioned?
- Slide PUR back if necessary.
- The stainless-steel (A2) screws and M8x16 DIN912 quality 12.9. should **always** be replaced by a **Super Duplex 4529** screw M8x16 (Order this screw by Lopital B.V. Art.no. 75005640).
- Fastly secure screws. (See figure 7)

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



Figure 6 Armrest



Figure 7 screw

## 4. Footrest

| 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

**New version:** from Serialnumber 5700.17.160

- Check for any damage.
- Fold up foot plates (should be stiff and stay upright). (They should remain in the folded position, without falling back automatically)
- Are the foot plates evenly fitted and slanting upwards a little towards the middle?
- Is the footplate cap present?



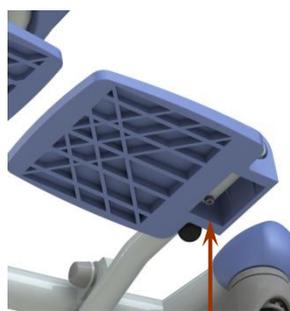
Figure 8 Footrest

**Older version:** before Serialnumber 5700.17.160

- Check for any damage.
- Fold up foot plates (should be stiff and stay upright). (They should remain in the folded position, without falling back automatically)
- Are the foot plates evenly fitted and slanting upwards a little towards the middle?
- Check M5x10 (bottom of plate), and replace stainless-steel screws with ELVZ 8.8 screws. (See figure 10)



Figure 9 & 10 Foot rest



M5x10

For questions about the maintenance protocol, contact Lopital (telephone +31 (0)13 5239300 or mail info@lopital.nl). You will need the serial number (outlined in red) to inform Lopital. See the serial number label on the product for this number.

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IPX-  
Weight: -- kg  
Type battery: ---  
Drives operates: -- V  
Charge: ---V--- mA  
Non continuous: -----

**MD** -----  
**REF** -----  
**SN** [Red outlined field] -----

--- KG/---LBS  
 -----

**CE**  
Revision -

(01)-----  
(11)-----  
(21)-----



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

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