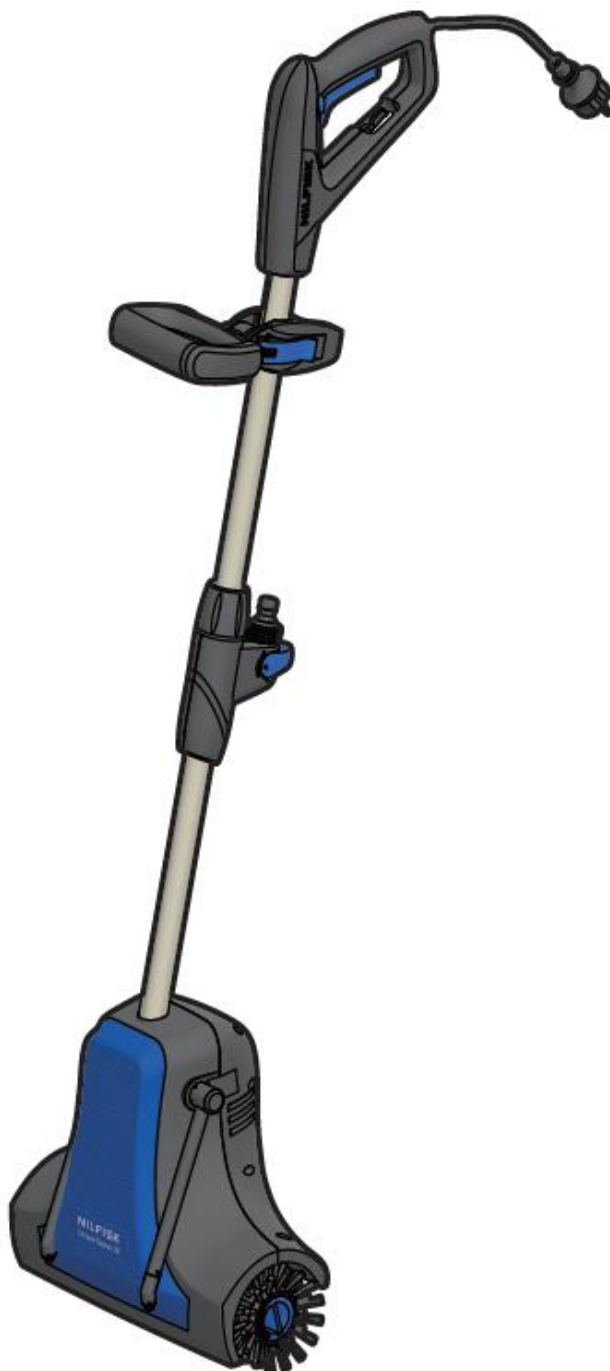


Repair Manual

Name: Terrace Cleaner 50 EU



Preface

- In this manual you will find the essentials you need to know when repairing the Terrace Cleaner.
- When carrying out repairs, make sure you have a suitable workbench or the like with the necessary power supply available.
- If you determine an error in operation, be sure to refer the customer to the user manual.
- A fault in the equipment can have a number of causes.
- Use the illustrated spare parts lists for your repairs. These show you the location of the individual parts and the sequence in which they are assembled.
- Read the technical information sheets. These will tell you about any technical modifications made after publication of this repair manual.
- Technical information sheets are a supplement to the spare parts list until follow-on publication.
- Repair manuals and technical information sheets should be available at the site where re-pairs are carried out.
- It is not permitted to give the repair manuals to third parties.

Use original Nilfisk spare parts only!

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Safety Instructions



Before first use of the machine, read the instructions carefully. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save instructions for later use.



Safety instructions marked with this symbol must be observed to prevent personal injury or serious damage to property.



DANGER !

Risk of asphyxiation. Keep packaging film out of the reach of children.



WARNING !

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.



WARNING !

Children shall not play with the appliance.

Symbols on the device



Read this instruction before using!



Danger of electric shock. Unplug the mains plug if the mains cable is damaged!



Risk of injury due to flying objects!



Risk of injury. Keep other persons away!



Risk of eye and hearing damage. Wear safety goggles and hearing protection!



Risk of damage. Do not subject the device to rain!



Hot surfaces!



Double isolation.



Guaranteed sound power level 89dB.

Safety Precautions

Warning !

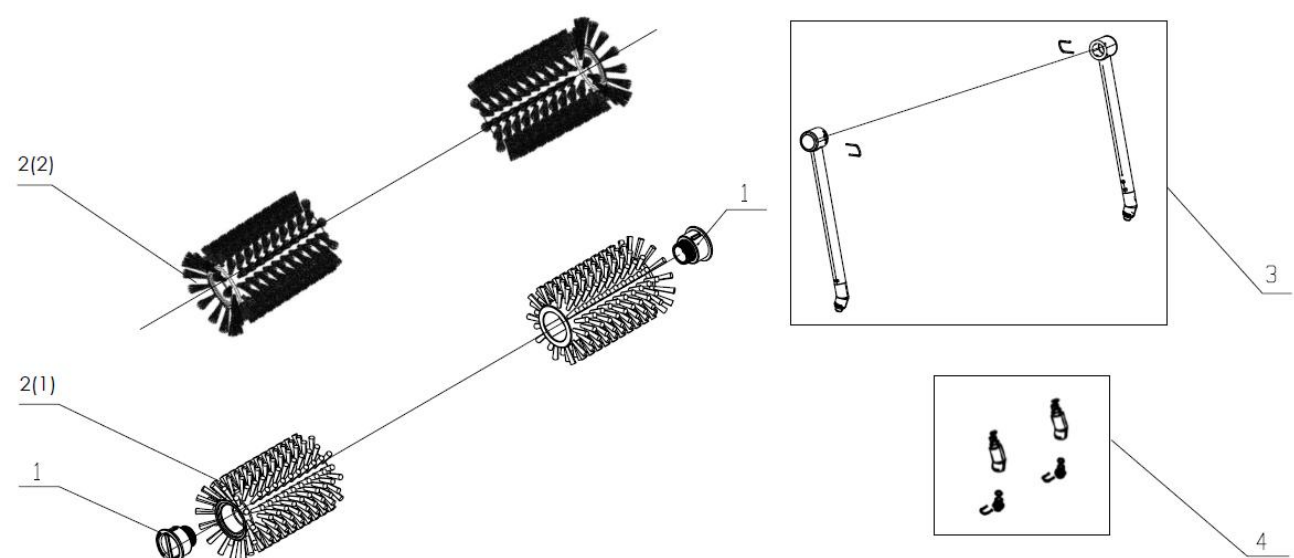
- When connecting this Terrace cleaner to the drinking water network, protection against backflow in accordance with EN 1717 must be ensured. Due to the potential contamination (fluid category 4), an appropriate backflow prevention device, such as a type of BA backflow preventer or an AA air gap, must be used. Direct connection without protection is not allowed. Please consult your sanitation specialist for installation guidance.
- Operate the device only with untreated, clean fresh water. The device must not under any circumstances be operated with explosive, corrosive or inflammable substances.
- The water temperature must be between 5-40°C.
- Only operate the device outdoors.
- Regularly check the device for damage. Do not operate the device if you discover visible damage.
- Ensure that the surface to be cleaned free of sand, stones or loose elements before starting work. These can be flung away during cleaning or damage the surface and the device.
- Do not pull on the connected hose or mains cable.
- Only switch the device on when the brushes are on the floor. Be aware of the recoil of the device during operation. The device pushes toward the operator when switched on. Hold the device securely and maintain a solid and safe footing.
- Do not lift the device off the floor when switched on.
- Use only a suitable extension cable labelled as conforming to protection class IPX4.
- Electrified parts in the work area must be protected against spray water.
- The mains plug and coupling of the extension cable must be watertight and must not be placed in water.
- Use the device only when connected to a correctly installed residual current device (RCD) with a tripping current of not more than 30 mA. Consult a qualified electrician if you have any queries.
- Protect the device from frost and excessive heat (permitted ambient temperature range of 5°C to 40°C).
- Do not operate the device in the vicinity of devices that are connected to electrical power. Check that the mains connection cable with mains plug is undamaged each time before using the device. To avoid any possible danger, a damaged mains connection cable must be immediately replaced by the manufacturer, or the authorized customer service department or a qualified electrician.
- Do not damage the power supply and extension cable by running over it, crushing or yanking it or similar. Protect the mains cable from heat, oil and sharp edges.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified people to avoid a hazard.

Technical Information

Technical Data

Color	Nilfisk Blue
Plug type	EU
Voltage	220-240 V
Frequency	50/60 Hz
Maximum inlet water pressure	1 Mpa
Rated power	600 W
Nilfisk Model No.	Terrace Cleaner 50 EU
Degree of protection	IPX4
Brush speed	around 1000 RPM
Brush diameter	100 mm
Brush length	140 mm
Weight	5.3 kgs

Spare parts



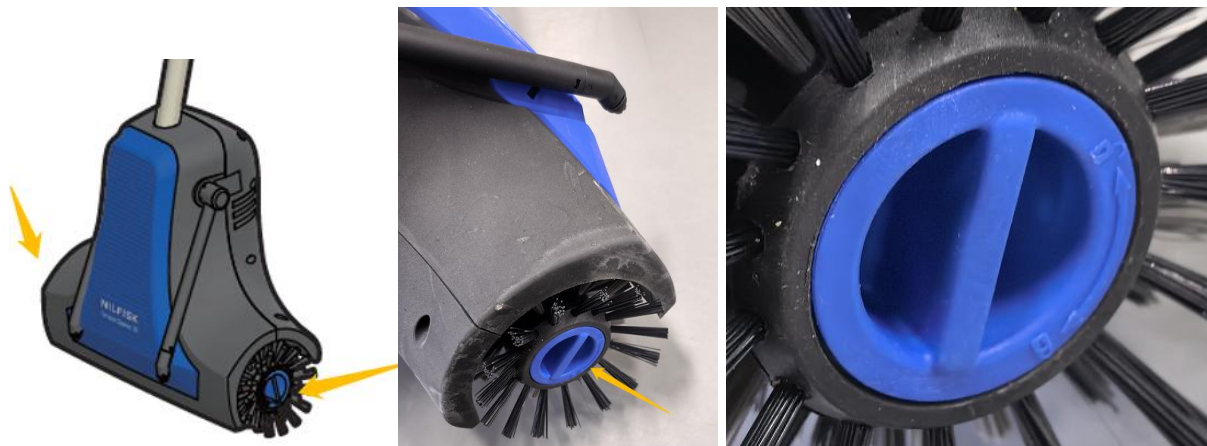
Pos.	Part Number	QTY.	Description
1	128502412	1	Brush knobs
2(1)	128502332	1	GENTLE BRUSHES
2(2)	128502333	1	ROUGH BRUSHES
3	128502341	1	Nozzle assembly
4	128502411	1	Nozzles

- Suggestion: All spare parts can be replaced by end user.

Service / Repair

Dismounting / mounting of Brush Knob and Brush

1. Loosen the knob according to the direction mark.

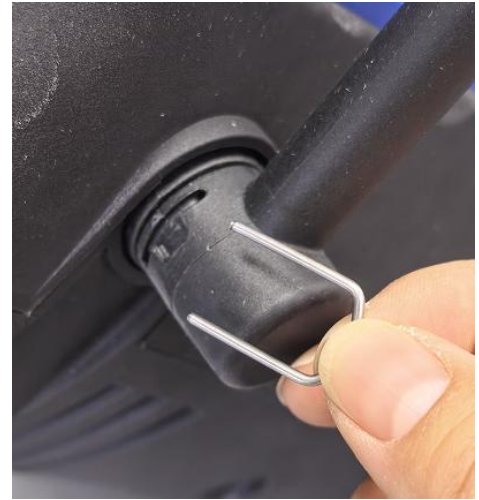


2. Take out knob and brush, you can replace them.



Dismounting / mounting of Nozzle assembly

1. Remove the U-pin by a Straight (flat) screwdriver.



2. Remove the nozzle assembly, then you can replace it.



Dismounting / mounting of Nozzle

1. Rotate the nozzle. It is bayonet connection.



2. Remove the nozzle, then you can replace it.



Operating supplies

Recommended lubrication:

White grease for o-rings, sealing etc.:

Silicone grease (Unisilikon L250) - All moveable parts and O-rings.

Tools:

Straight (flat) screwdriver (For lock clamps)

Notes

This image shows a single page of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page, leaving small margins at the top and bottom. There are no vertical margin lines or other markings on the page.

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NILFISK