NILFISK

Service Manual

（Customer Repair）

Nilfisk Perform
Nilfisk Brilliant



NILFISK

Preface

- In this manual you will find the essentials you need to know when repairing Dry Vacuum Cleaner of the Nilfisk Perform and Nilfisk Brilliant series.
- 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 to the user manual or contact Nilfisk customer care.
- A fault in the equipment can have several 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, this instruction manual must be read through carefully. Save instructions for later use.



WARNINGS!

Do not use the machine without dust bag and filters properly fitted. This machine is not intended for the suction of hazardous materials or gas, doing so may expose people to serious health risks. The machine must not be used for the suction of water or other liquids. Do not pick up sharp objects such as needles or pieces of glass. Do not pick up anything that is burning or smoking such as cigarettes, matches or hot ashes.Use and store this machine indoors and in a dry environment, 0 °C to 60 °C. Do not use the machine outdoors. When activating the automatic cable rewind, care must be taken as the plug at the end of the electric cable can swing during the last part of the rewinding. It is recommended that you hold on to the plug while rewinding. Do not handle the machine with wet hands. Turn off the machine before unplugging. To unplug, grasp the plug, not by pulling on the cord. Do not carry or pull the machine by the cord. The machine must not be used if the cord shows any sign of damage. Regularly inspect the cord for damage, in particular if it has been crushed, shut in a door or run over. Do not use the machine if it appears faulty. Have the machine inspected by an authorized service centre if the machine has been dropped, damaged, left outdoors or has been exposed to water. No changes or modifications to the mechanical or electrical safety devices should be made. All repair must be carried out by an authorized service centre. Use only original dust bags, original filters and original accessories from your local dealer. Use of unauthorized dust bags and filters will void the warranty. Turn off the machine and unplug before starting dust bag or filter change. Grasp the plug, not by pulling on the cord. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid hazard. Don't touch rotating parts by hand when using turbo nozzle. This appliance can be used by children aged from 8 years up and persons with reduced physical, sensory or mental capabilities or lack of experience, if they are supervised or instructed how to use appliance in a safe way, and if they understand the hazards involved. Do not allow children to clean the appliance or perform user maintenance without supervision. Children must be supervised to make sure that they do not play with the appliance. Do not charge non-rechargeable batteries. Do not mix different types of batteries or new and used batteries. Pay attention to the correct polarity when inserting batteries. Remove exhausted batteries from the appliance and dispose of them safely. If the appliance is to be stored unused for a long period, remove the batteries. Do not short-circuit the supply terminals. Disconnect from main supply when not in use.

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Service and maintenance
Store the machine indoors and in a dry environment. Change the pre-filter with every fourth dust bag. Clean the machine surface with a dry cloth or a damp cloth with a little cleaning agent. Order original accessories from a local dealer. For service, contact your local dealer.

Responsibility
Nilfisk disclaims all responsibility for all damage caused by incorrect use or modification of the machine. Please refer to our website at www.nilfisk.com for further instructions and information on use.

WEEE

The symbol indicates that this appliance may not be discarded together with household waste, but must be collected separately. Please dispose old appliances at the applicable collection point for recycling.

Technical Data

Technical Specifications

		Perform	Brilliant
Voltage	V	220-240	220-240
Main frequency	Hz	50-60	50-60
Rated power	W	750	750
Insulation class	-	II	II
Type of insulation	-	IPX0	IPX0
Dust bag filling	l	4.0	4.0
Width	mm	330	330
Depth	mm	490	490
Height	mm	280	280
Weight, cleaner only	kg	6.9	6.9

Structure – Machine

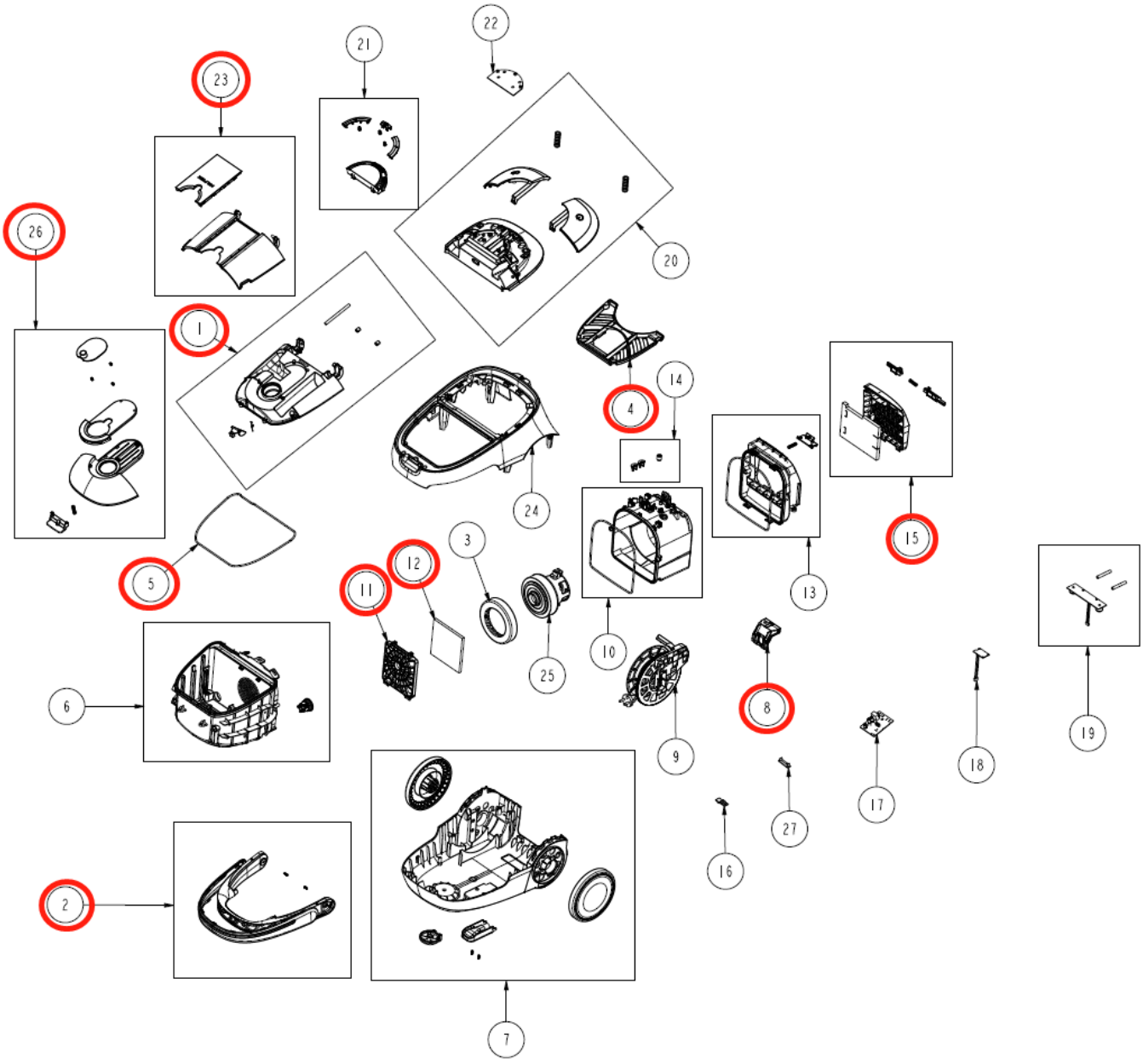
Nilfisk Perform and Nilfisk Brilliant



Construction - Spare part overview

Nilfisk Perform and Nilfisk Brilliant

- Spare parts with red marks can be repaired according to the easy repair service manual by customer.



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Spare part – Service Page Overview

Color reference	
Pantone 432C	Black Bule
Pantone 534C	Bule
Pantone 877C	Grey
Pantone 9C	Dark Grey
292C	Sky Blue
Black	Black
Pantone 165C	Bright Orange
Pantone 302C	Dark Blue

Nilfisk Brilliant

Spare part	Description	Reference Spare Part Number	Reference Spare Part Description	Service Manual Page
SP#1	Front cover	128389741	PREM FRONT COVER 432C Black Blue KIT	13
		128389742	PREM FRONT COVER 534C Blue KIT	
SP#2	Handle	128389709	HANDLE BLACK KIT	10
SP#4	Dus bag holder	128389712	DUST BAG HOLDER BLACK SP	9
SP#5	Seal	128389925	SEAL FOR DUST COMPARTMENT	11
SP#8	Guide for cable	128389718	GUIDE FOR CABLE SP	11
SP#11	Prefilter holder	107414057	PRE-FILTER HOLDER	9
SP#12	Prefilter PET	128389643	ANTI BAC FLEEC BAGS FOR C2 C3 ELITE EXTR	9
SP#15	HEPA cover	128389764	HEPA COVER BLACK 292C Sky Blue KIT	9
		128389766	HEPA COVER BLACK 165C Bright Orange KIT	
		128389767	HEPA COVER BLACK 302C Dark Blue KIT	
SP#23	Accessory cover	128389789	PREM ACCESSORY COVER 432C Black Blue KIT	13
		128389790	PREM ACCESSORY COVER 534C Blue KIT	
SP#26	Front cover plate	128389797	FRONT COVER PLATE 432C Black Blue DC 165C Bright Orange KIT	13
		128389798	FRONT COVER PLATE 534C Blue DC 292C Sky Blue KIT	
		128389799	FRONT COVER PLATE 534C Blue DC 302C Dark Blue KIT	

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Spare part – Service Page Overview

Nilfisk Perform

Spare part	Description	Reference Spare Part Number	Reference Spare Part Description	Service Manual Page
SP#1	Front cover	128389739	PREM FRONT COVER 877C Grey KIT	13
		128389740	PREM FRONT COVER BLACK KIT	
SP#2	Handle	128389708	HANDLE 432C Black Blue KIT	10
		128389709	HANDLE BLACK KIT	
SP#4	Dus bag holder	128389711	DUST BAG HOLDER 432C Black Blue SP	9
		128389712	DUST BAG HOLDER BLACK SP	
SP#5	Seal	128389925	SEAL FOR DUST COMPARTMENT	11
SP#8	Guide for cable	128389718	GUIDE FOR CABLE SP	11
SP#11	Prefilter holder	107414057	PRE-FILTER HOLDER	9
SP#12	Prefilter PET	128389643	ANTI BAC FLEEC BAGS FOR C2 C3 ELITE EXTR	9
SP#15	HEPA cover	128389760	HEPA COVER 432C Black Blue WHITE C KIT	9
		128389761	HEPA COVER 432C Black Blue 290C Light Blue KIT	
		128389762	HEPA COVER 432C Black Blue 877C Grey KIT	
		128389763	HEPA COVER BLACK 9C Dark Grey KIT	
		128389764	HEPA COVER BLACK 292C Sky Blue KIT	
		128389765	HEPA COVER BLACK BLACK KIT	
SP#23	Accessory cover	128389786	PREM ACCESSORY COVER 877C Grey KIT	13
		128389787	PREM ACCESSORY COVER BLACK KIT	
		128389788	PREM ACCESSORY COVER 534C Blue KIT	
SP#26	Front cover plate	128389791	FRONT COVER PLATE 877C Grey DC WHITE C KIT	13
		128389792	FRONT COVER PLATE 877C Grey DC 290C Light Blue KIT	
		128389793	FRONT COVER PLATE BLACK DC 877C Grey KIT	
		128389794	FRONT COVER PLATE BLACK DC 9C Dark Grey KIT	
		128389795	FRONT COVER PLATE BLACK DC 292C Sky Blue KIT	
		128389796	FRONT COVER PLATE 534C Blue DC BLACK KIT	

Service / Repair

SP#15 HEPA COVER




SP#4 DUST BAG HOLDER




SP#11 Prefilter hodler

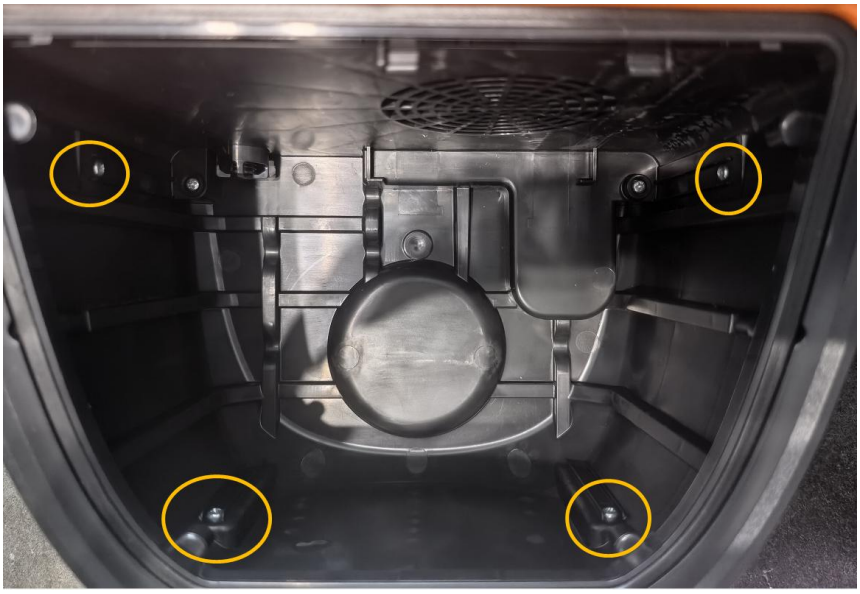
SP#12 Pre-filter PET





SP#2 HANDLE

Open the front cover – remove the dust bag and filter - remove the 4 screws (ST4x18; Torque: 1.5N.m.)


Recommended tools:



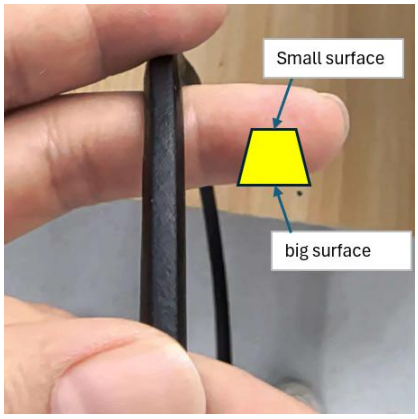

Remove and replace the handle

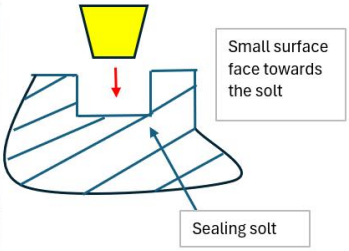



SP#5 SEAL

Open the front cover – remove and replace the seal



SP#8 GUIDE FOR CABLE

Open the front cover – remove the guide







Assemble the clip first andthen cable guide

Disassemble the completed front cover

Open the front cover and hold at 45°

Hammer the 2 places on the front cover. Remove the front cover











Assembly：Put the front cover on the machine，push the front cover and mount it at right place







SP#23 ACCESSORY COVER

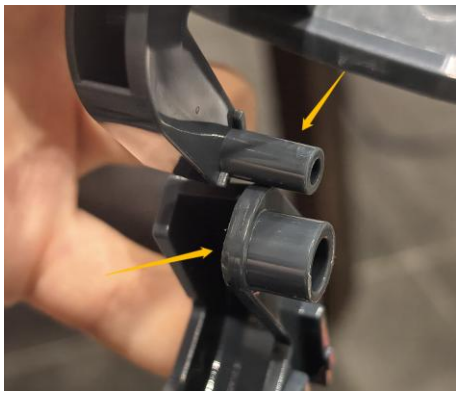
Open the accessory cover





Take the shaft from the shaft slot at both sides

Remove and replace the accessory cover

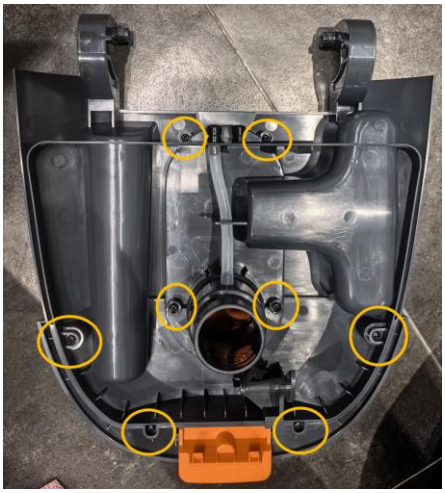



SP#1 FRONT COVER

SP#26 FRONT COVER PLATE

Remove the 8 screws (ST3x12; Torque: 1.0N.m.)

Remove and replace the front cover and front cover plate




Notes

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Denmark

www.nilfisk.com