

NILFISK

Service Manual (Customer Repair)

Nilfisk MULTI I



Preface

- In this manual you will find the essentials you need to know when repairing Dry Vacuum Cleaner of the **Nilfisk MULTI I** 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.
- 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, read the instructions carefully. Save instructions for later use.



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



WARNINGS

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- The vacuum cleaner is suitable for private use, e.g. for household, hobby workshops, car cleaning-sucking up non-hazardous dust and non-flammable liquids.
- Never spray water on the upper section of the vacuum cleaner. Danger for persons, risk of short-circuiting.
- The vacuum cleaner features a blow function. Do not blow the air out in the open space. Only use the blow function with a clean tube. Dust may be harmful to health.
- Vacuuming up hazardous materials can lead to serious or even fatal injuries. The following materials must not be picked up by the vacuum cleaner: Hazardous dust; Hot materials (burning cigarettes, hot ashes etc.); Flammable, explosive, aggressive liquids (e.g. petrol, solvent, acids, alkalis, etc.); Flammable, explosive dust (e.g. magnesium or aluminum dust etc.). The list is not comprehensive.
- Do not handle the electrical cable or plug with wet hands.
- Do not unplug by pulling on cable. To unplug, grasp the plug, not the cable.
- Always remove the electric plug from the socket before carrying out maintenance work on the machine or cable.
- No changes to the mechanical, electrical or thermal safety devices must be made.
- Never use the vacuum cleaner if the filter is not installed or if damaged.
- Before using the vacuum cleaner make sure that the voltage shown on the rating plate of the vacuum cleaner corresponds to the voltage of the local mains power supply. It is recommended that the cleaner should be connected via a residual current circuit breaker.
- The vacuum cleaner must not be used if the electrical cable or plug shows any sign of damage. Regularly inspect the cable and the plug for damage. If the power cord is damaged, it must be replaced by Nilfisk Service or an electrician to avoid danger before use of the vacuum cleaner is continued.

WEEE



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

Technical Data

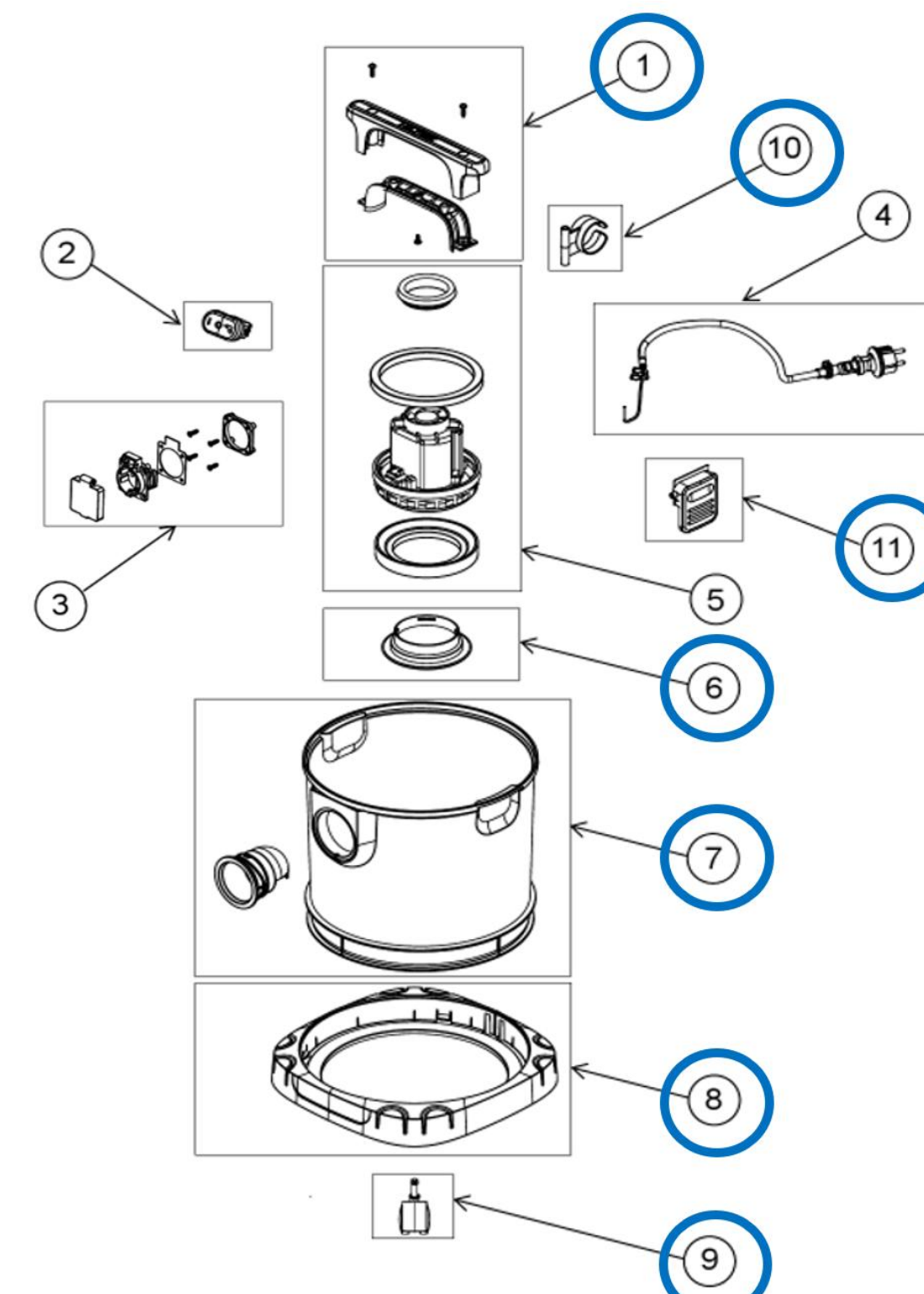
TECHNICAL SPECIFICATIONS

Model	Multi I 8	Multi I 12	Multi I 12 T	Multi I 16	Multi I 16 T	Multi I 16 Inox	Multi I 16 T Inox	Multi I 12	Multi I 12	Multi I 12	Multi I 16
	EU, UK	EU, UK	EU	EU	EU	EU	EU	EU	EU	EU	EU
	8 L	12 L	12 L with elec.outlet	16 L	16 L with elec.outlet	16 L	16 L with elec.outlet	12 L Car Cleaner	12 L Home	12 L DIY	16 L Car Cleaner
Voltage (V)	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240
P _{NOM} (W)	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
P _{max} (W)	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
Power socket _{max} (W)	NA	NA	2300	NA	2300	NA	2300	NA	NA	NA	NA
IP	IP24	IP24	IP24	IP24	IP24	IP24	IP24	IP24	IP24	IP24	IP24
Tank capacity (L)	8*	12*	12*	16*	16*	16*	16*	12*	12*	12*	16*
Tank material	Plastic	Plastic	Plastic	Plastic	Plastic	Metal	Metal	Plastic	Plastic	Plastic	Plastic
Supply cord - length (m)	4	4	4	4	4	4	4	4	4	4	4

*Tank capacity does not reflect capacity available during operation.

Construction - Spare part overview

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



Spare part –Overview

Multi I 8 & Multi I 12 & Multi 12 T

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No.	Part No.	Qty.	Description	Part Note
1	128389810	1	SP HANDLE ASSEMBLYSP.Handle assembly	
6	128389900	1	SP FILTER COVERSP.Filter cover	
7	128389822	1	SP CONTAINER 8L PLASTIC ASSEMBLYSP.Container 8L plastic assembly	[4]
7	128389823	1	SP CONTAINER 12L PLASTIC ASSEMBLYSP.Container 12L plastic assembly	[5]
7	128389901	1	SP CONTAINER 12L T PLASTIC ASSEMBLYSP.Container 12L T plastic assembly	[1]
8	128389828	1	SP TROLLEYSP.Trolley	
9	128389830	1	SP CASTORSP.Castor	
10	128389834	1	SP HOSE QUICK PARKSP.Hose quick park	
11	128389839	1	SP CLAMPSP.Clamp	

Part Notes:

- [1] - For model 128390253
- [2] - Ford model 128390189; 128390190
- [3] - For model: 128390194; 128390195
- [4] - For model 128390189; 128390194
- [5] - For model: 128390190; 128390195

Multi 12_16_Home_and_Car

2026.07.14

No.	Part No.	Qty.	Description	Part Note
1	128389810	1	SP HANDLE ASSEMBLYSP.Handle assembly	
6	128389900	1	SP FILTER COVERSP.Filter cover	
7	128389823	1	SP CONTAINER 12L PLASTIC ASSEMBLYSP.Container 12L plastic assembly	[1]
7	128389824	1	SP CONTAINER 16L PLASTIC ASSEMBLYSP.Container 16L plastic assembly	[2]
8	128389828	1	SP TROLLEYSP.Trolley	
9	128389830	1	SP CASTORSP.Castor	
10	128389834	1	SP HOSE QUICK PARKSP.Hose quick park	
11	128389839	1	SP CLAMPSP.Clamp	

Part Notes:

- [1] - For model 128390255; 128390257; 128390258
- [2] - For model 128390256

Multi 12_16_Home_and_Car

2026.07.14

No.	Part No.	Qty.	Description	Part Note
1	128389810	1	SP HANDLE ASSEMBLYSP.Handle assembly	
6	128389900	1	SP FILTER COVERSP.Filter cover	
7	128389823	1	SP CONTAINER 12L PLASTIC ASSEMBLYSP.Container 12L plastic assembly	[1]
7	128389824	1	SP CONTAINER 16L PLASTIC ASSEMBLYSP.Container 16L plastic assembly	[2]
8	128389828	1	SP TROLLEYSP.Trolley	
9	128389830	1	SP CASTORSP.Castor	
10	128389834	1	SP HOSE QUICK PARKSP.Hose quick park	
11	128389839	1	SP CLAMPSP.Clamp	

Part Notes:

- [1] - For model 128390255; 128390257; 128390258
- [2] - For model 128390256

Multi 16L

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No.	Part No.	Qty.	Description	Part Note
1	128389810	1	SP HANDLE ASSEMBLYSP.Handle assembly	
6	128389900	1	SP FILTER COVERSP.Filter cover	
7	128389824	1	SP CONTAINER 16L PLASTIC ASSEMBLYSP.Container 16L plastic assembly	
8	128389828	1	SP TROLLEYSP.Trolley	
9	128389830	1	SP CASTORSP.Castor	
10	128389834	1	SP HOSE QUICK PARKSP.Hose quick park	
11	128389839	1	SP CLAMPSP.Clamp	

Multi 16L Inox

2026.07.14

No.	Part No.	Qty.	Description	Part Note
1	128389810	1	SP HANDLE ASSEMBLYSP.Handle assembly	
6	128389900	1	SP FILTER COVERSP.Filter cover	
7	128389825	1	SP CONTAINER 16L INOX ASSEMBLYSP.Container 16L Inox assembly	
8	128389828	1	SP TROLLEYSP.Trolley	
9	128389830	1	SP CASTORSP.Castor	
10	128389834	1	SP HOSE QUICK PARKSP.Hose quick park	
11	128389839	1	SP CLAMPSP.Clamp	

Multi 16L T

2026.07.14

No.	Part No.	Qty.	Description	Part Note
1	128389810	1	SP HANDLE ASSEMBLYSP.Handle assembly	
6	128389900	1	SP FILTER COVERSP.Filter cover	
7	128389902	1	SP CONTAINER 16L T PLASTIC ASSEMBLYSP.Container 16L T plastic assembly	
8	128389828	1	SP TROLLEYSP.Trolley	
9	128389830	1	SP CASTORSP.Castor	
10	128389834	1	SP HOSE QUICK PARKSP.Hose quick park	
11	128389839	1	SP CLAMPSP.Clamp	

Multi 16L T Inox

2026.07.10

No.	Part No.	Qty.	Description	Part Note
1	128389810	1	SP HANDLE ASSEMBLY	
6	128389900	1	SP FILTER COVER	
7	128389903	1	SP CONTAINER 16L T INOX ASSEMBLY	
8	128389828	1	SP TROLLEY	
9	128389830	1	SP CASTOR	
10	128389834	1	SP HOSE QUICK PARK	
11	128389839	1	SP CLAMP	

Multi 20L

2026.07.14

No.	Part No.	Qty.	Description	Part Note
1	128389810	1	SP HANDLE ASSEMBLYSP.Handle assembly	
6	128389900	1	SP FILTER COVERSP.Filter cover	
7	128389826	1	SP CONTAINER 20L INOX ASSEMBLYSP.Container 20L Inox assembly	
8	128389829	1	SP TROLLEY BLACKSP.Trolley black	
9	128389830	1	SP CASTORSP.Castor	
10	128389834	1	SP HOSE QUICK PARKSP.Hose quick park	
11	128389839	1	SP CLAMPSP.Clamp	

Multi 20L T

2026.07.14

No.	Part No.	Qty.	Description	Part Note
1	128389810	1	SP HANDLE ASSEMBLYSP.Handle assembly	
6	128389900	1	SP FILTER COVERSP.Filter cover	
7	128389904	1	SP CONTAINER 20L T INOX ASSEMBLYSP.Container 20L T Inox assembly	
8	128389829	1	SP TROLLEY BLACKSP.Trolley black	
9	128389830	1	SP CASTORSP.Castor	
10	128389834	1	SP HOSE QUICK PARKSP.Hose quick park	
11	128389839	1	SP CLAMPSP.Clamp	

Spare part – Service Page Overview

Spare part	Description	Service Manual Page
SP#1	SP HANDLE ASSEMBLY	11
SP#6	SP FILTER COVER	15
SP#7	SP CONTAINER	Inox 14 Plastic 15
SP#8	SP TROLLEY	13
SP#9	SP CASTOR	12
SP#10	SP HOSE QUICK PARK	11
SP#11	SP CLAMP	15

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Service / Repair

SP#1 HANDLE ASSEMBLY

Remove the 2 screws (Philip's head ST4x16; Torque: 1.5N.m.)

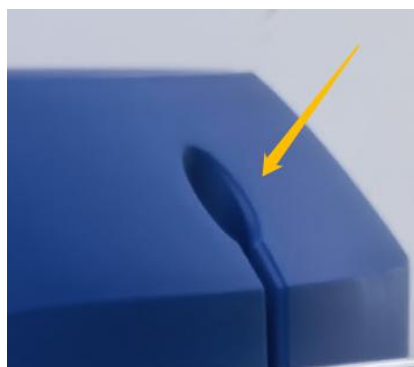


Disassemble the handle and replace with new one.



SP#10 HOSE QUICK PARK

Pull the hook out by hand and replace a new one



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SP#9 CASTOR

Pull the castor out by hand



Mount the new castor by hand



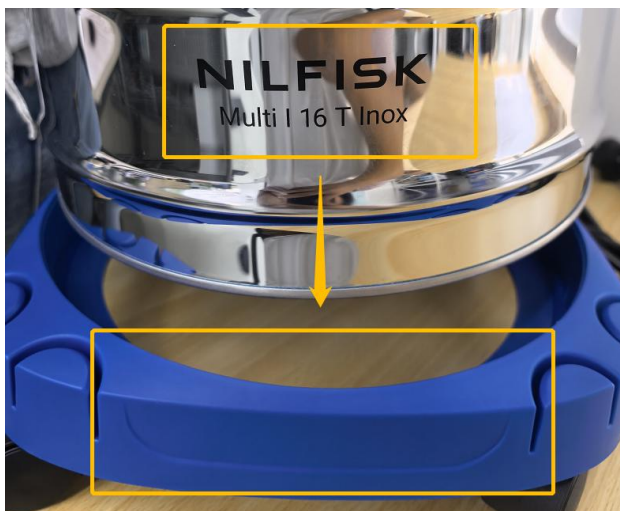
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SP#8 TROLLEY (Both for Inox and Plastic container)

The trolley is fixed with container by 4 clips. Release the 4 clips one by one and remove the trolley from container.



Replace the new one. **Focus on the alignment of trolley and container.**



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SP#7 CONTAINERR (Inox container)

Dismount the trolley (if has) and the completed machine cover.



Remove the 4 screws (Philip's head ST4x16; Torque: 1.5N.m.) and the grounding clamp.



Replace the container with plastic part.



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SP#7 CONTAINERR (Plastic container)

Dismount the trolley (if has) and the completed machine cover. Replace the new container



SP#6 FILTER COVER (Only for machine with filter)

Dismout the completed cover from the container.

Unlock the filter cover and replace a new one.



SP#11 CLAMP

Dismout the completed machine cover from the container. And remove the filter cover (if has) and filter.



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Remove 6 screws, 1 torx screw and 5 Philip's head screw (ST4x16; Torque: 1.5N.m.)



Hold the motor container by hand and get a 5~6cm gap. No need to take the motor container out of the blue cover.

Take the clamp out and replace a new one.



Notes

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