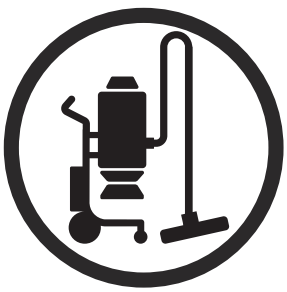
Husqvarna®

Workshop manual

S 13, S 26, S 36



English

1347 - 002 -

Contents

1 Introduction

1.1 Document description

This manual gives a full description of how to do maintenance and repair on the product. It also gives safety instructions that the personnel must obey.

1.2 Target group

This manual is for personnel with a general knowledge of how to do repair and do servicing. All personnel that do repair or do servicing on the product must read and understand the manual.

1.3 Revisions

Changes to the product can cause changes to the maintenance work and spare parts. Separate information is sent out for each change.

Read the manual together with all received information about changes to maintenance and spare parts for the product.

1.4 Safety

WARNING: All personnel that repair or do servicing on the product must read and understand the safety instructions in this workshop manual.

2 Safety

2.1 Safety definitions

Warnings, cautions and notes are used to point out specially important parts of the manual.

WARNING: Used if there is a risk of injury or death for the operator or bystanders if the instructions in the manual are not obeyed.

CAUTION: Used if there is a risk of damage to the product, other materials or the adjacent area if the instructions in the manual are not obeyed.

Note: Used to give more information that is necessary in a given situation.

2.2 General safety instructions

WARNING: Read the warning instructions that follow before you use the product.

The service center that repairs the product must have safety devices that obey local regulations. Warnings and cautions are used to point out specially important parts of the workshop manual.

2.3 Grounded product instructions

WARNING: Incorrect connection can result in electrical shock. Speak to an approved electrician if you are not sure if your mains outlet is correctly grounded.

Do not do modifications to the power plug from its factory specification. If the power plug or power cord is damaged or must be replaced, speak to your service agent. Obey local regulations and laws.

If you do not fully understand the instructions about the grounded product, speak to an approved electrician.

Use only grounded outdoor extension cables with grounding plugs and grounding outlet that accepts the product power plug.

The product has a grounded power cord and power plug. Always connect the product to a grounded mains outlet. This decreases the risk of electrical shock.

Do not use electrical adapters with the product.

2.4 Symbols on the product

Please read the operator’s manual carefully and make sure you understand the instructions before using the product.

Always use an approved breathing mask.

Always use approved ear protection.

Always use approved eye protection.

2.5 Safety instructions for maintenance

- Make sure that the ON/OFF switch is in the OFF position.
- Disconnect the product from the power supply.
- Only use original spare parts.
- Use personal protective equipment.
- Do not use a high-pressure washer to clean the product. Water can go into the product and do damage to the electrical system. Use a moist cloth to clean the product.
- The servicing procedures cause contamination. Dispose all servicing equipment correctly in plastic bags after servicing. Refer to local regulations.

3 Prepare and do servicing on the product

3.1 Maintenance schedule

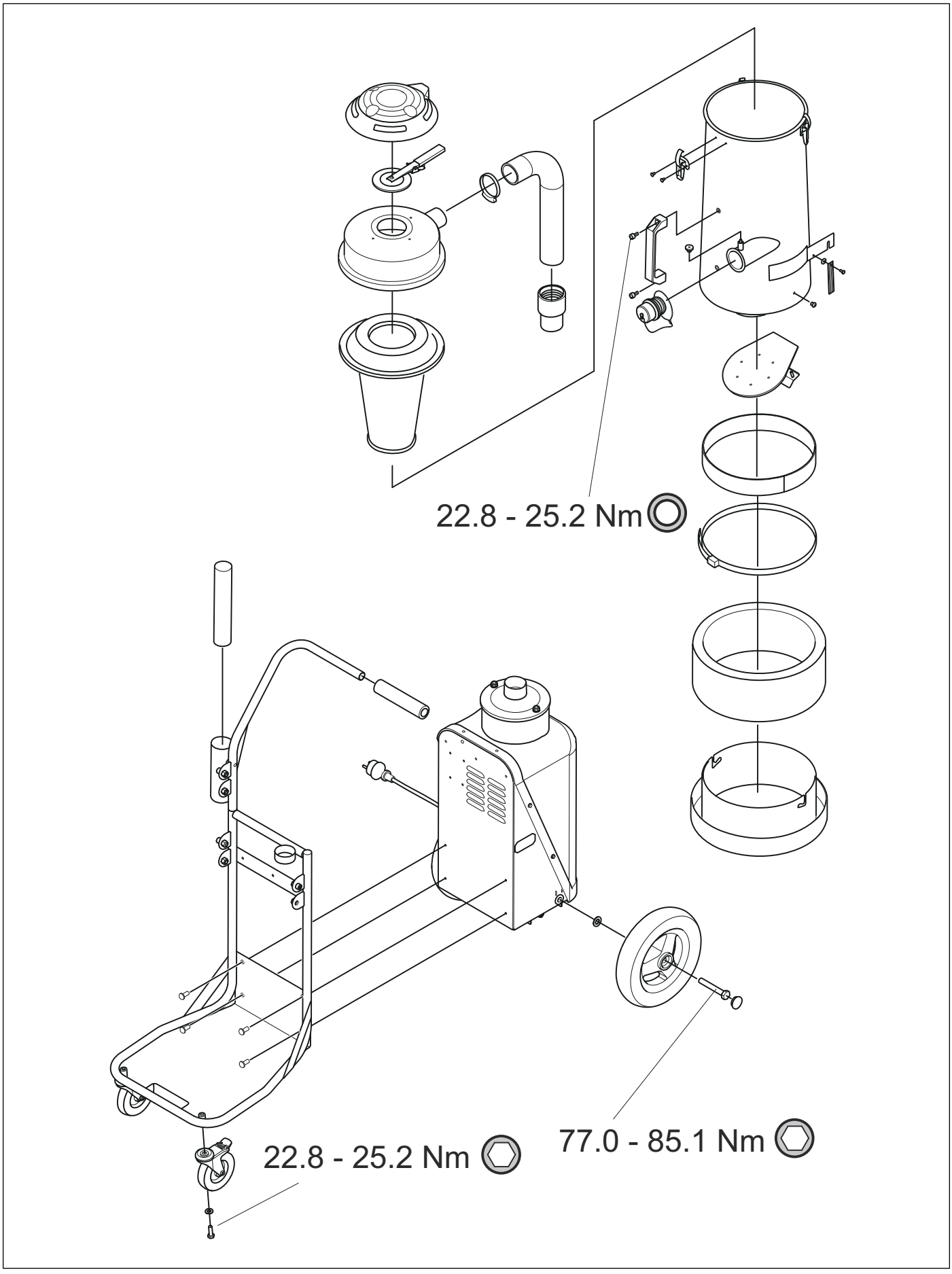
The maintenance intervals are calculated from daily use of the product. The intervals change if the product is not used daily.

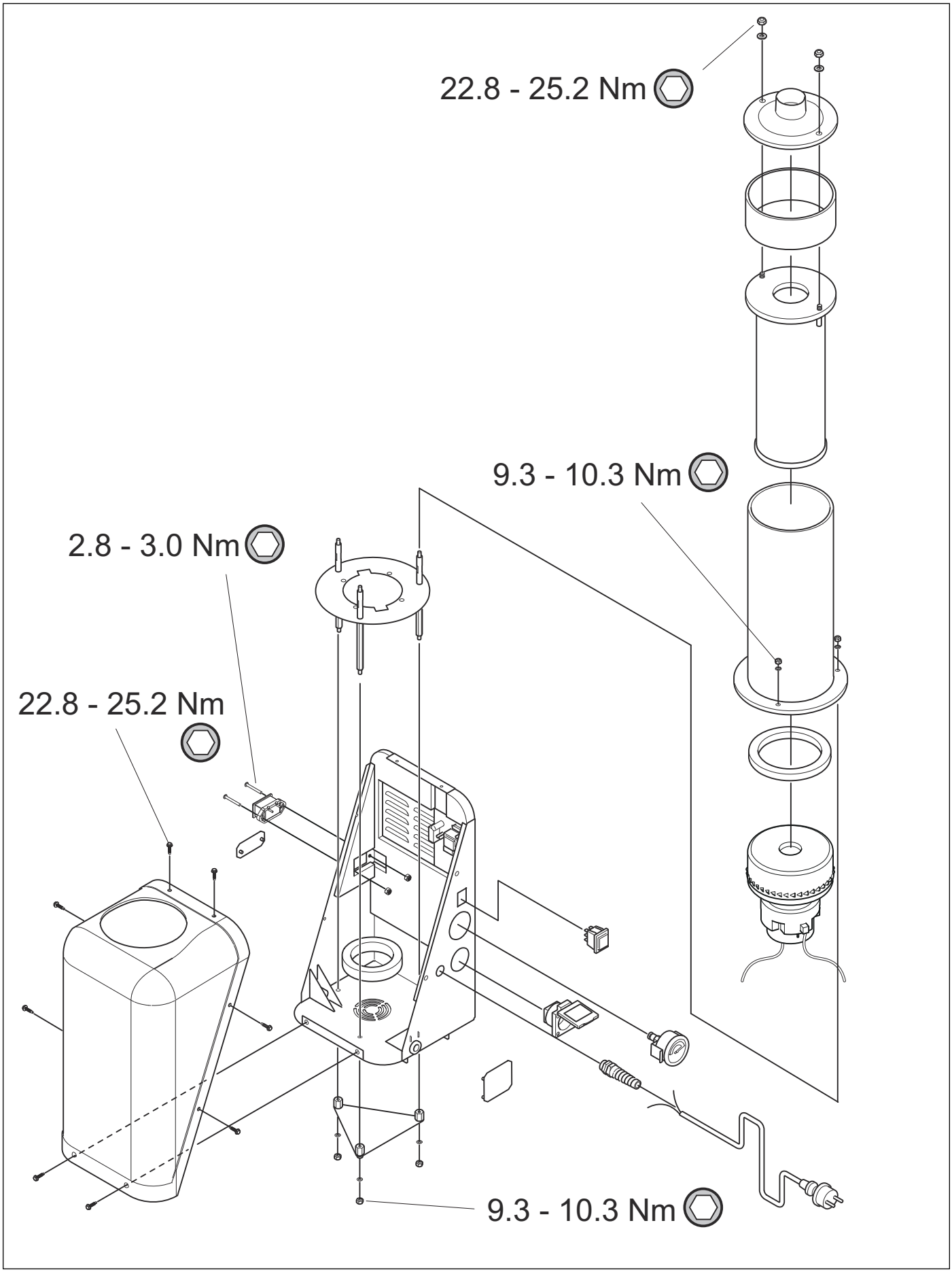
Maintenance	Before each use	Daily	Weekly	When suction is low	6 months or 1000h	12 months or 2000h
Do a check of the power cord on the product.	X					
Do a check of the mains socket.	X					
Do a check of the power plug on the product.	X					
Look for signs of wear, damage or loose connections of the controls.	X					
Do a check of the Longopac dust bag.		X				
Do a check of the filter cleaning unit.		X				
Do a check of the wheels. Look for damage and make sure that the wheels are correctly attached.			X			
Clean the prefilter.				X		
Replace the prefilter.				X	X	
Replace the HEPA filter.				X		X

3.2 To clean the product

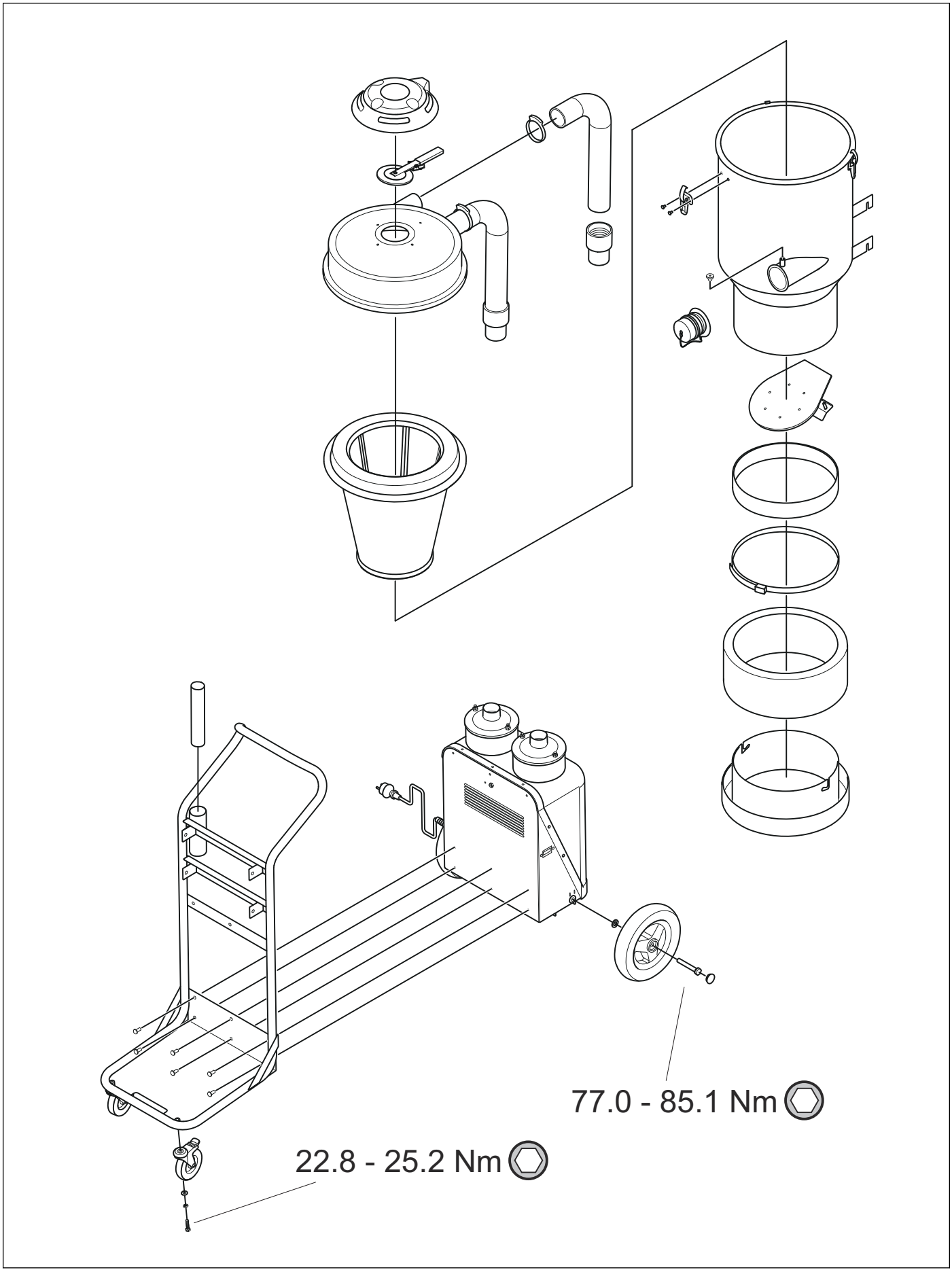
- Clean the external surface with a moist cloth.
- Clean the product in an applicable location.
- Do not use water on electrical components.
- Do not clean the product with high pressure air or water.

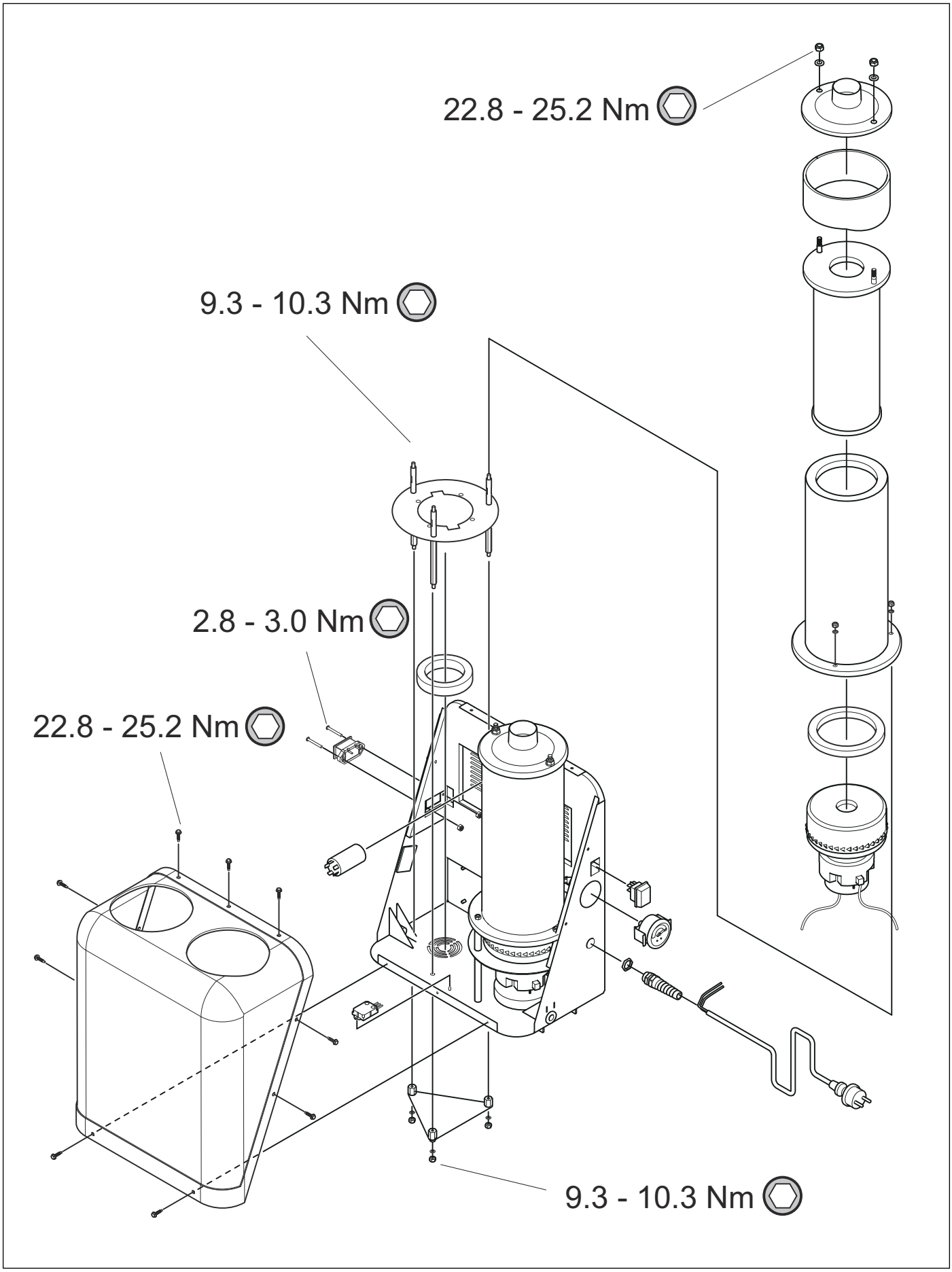
4.1 Servicing data (S 13)



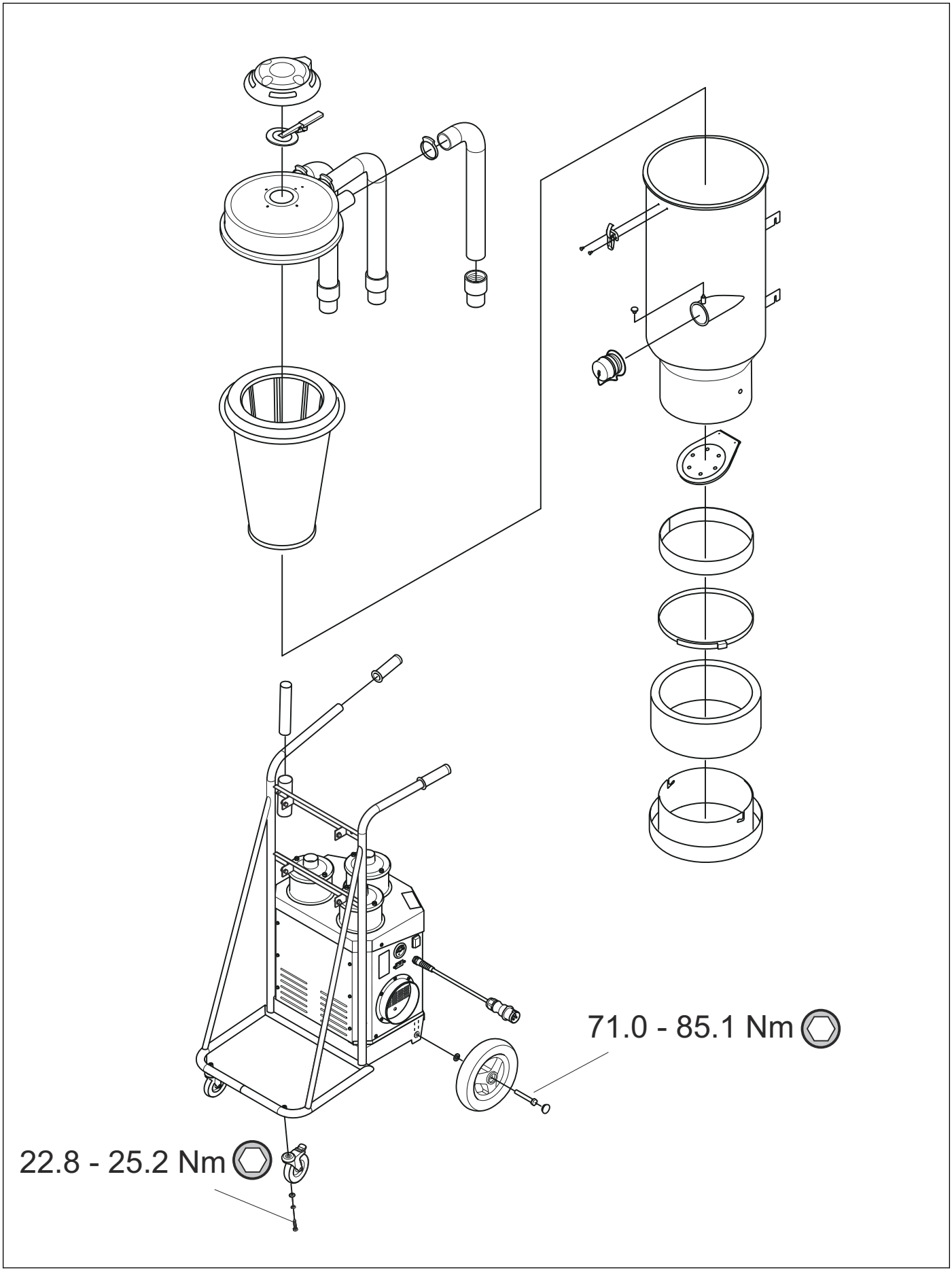

22.8 - 25.2 Nm
9.3 - 10.3 Nm
2.8 - 3.0 Nm
22.8 - 25.2 Nm
9.3 - 10.3 Nm

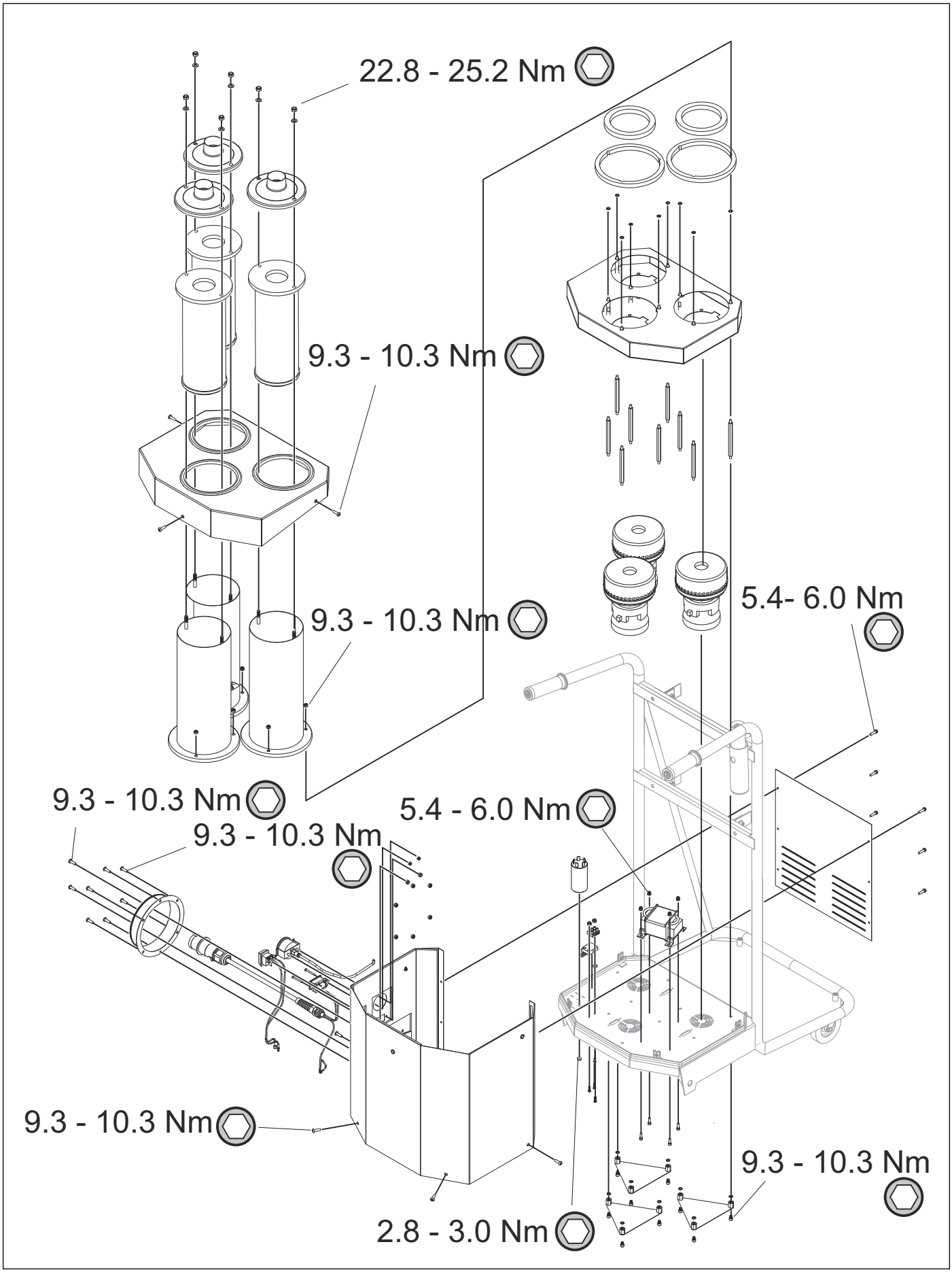
4.2 Servicing data (S 26)




22.8 - 25.2 Nm
9.3 - 10.3 Nm
2.8 - 3.0 Nm
22.8 - 25.2 Nm
9.3 - 10.3 Nm

4.3 Servicing data (S 36)



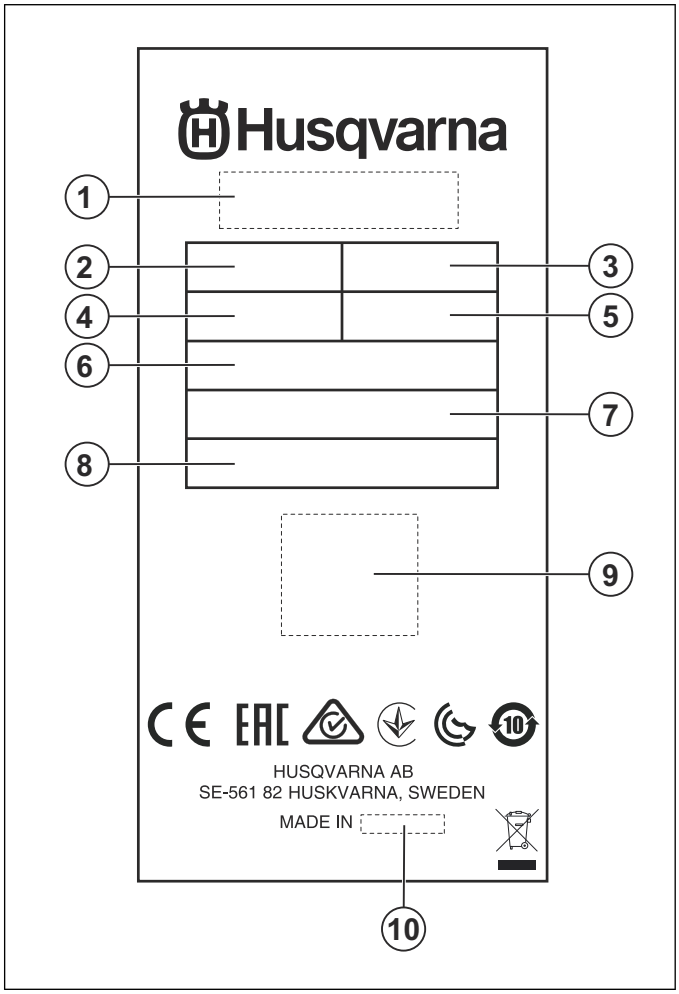

22.8 - 25.2 Nm
9.3 - 10.3 Nm
9.3 - 10.3 Nm
5.4- 6.0 Nm
9.3 - 10.3 Nm
5.4 - 6.0 Nm
9.3 - 10.3 Nm
9.3 - 10.3 Nm
9.3 - 10.3 Nm
2.8 - 3.0 Nm

5 Function overview

5.1 Type plate/Product serial number

The product serial number is given on the type plate. Supply the model name and the article number when you send an order for spare parts.

5.2 Type plate overview



1. Model
2. Voltage
3. Power
4. Frequency
5. Weight
6. Airflow
7. Serial number
8. Part number
9. Scannable code
10. Country of production

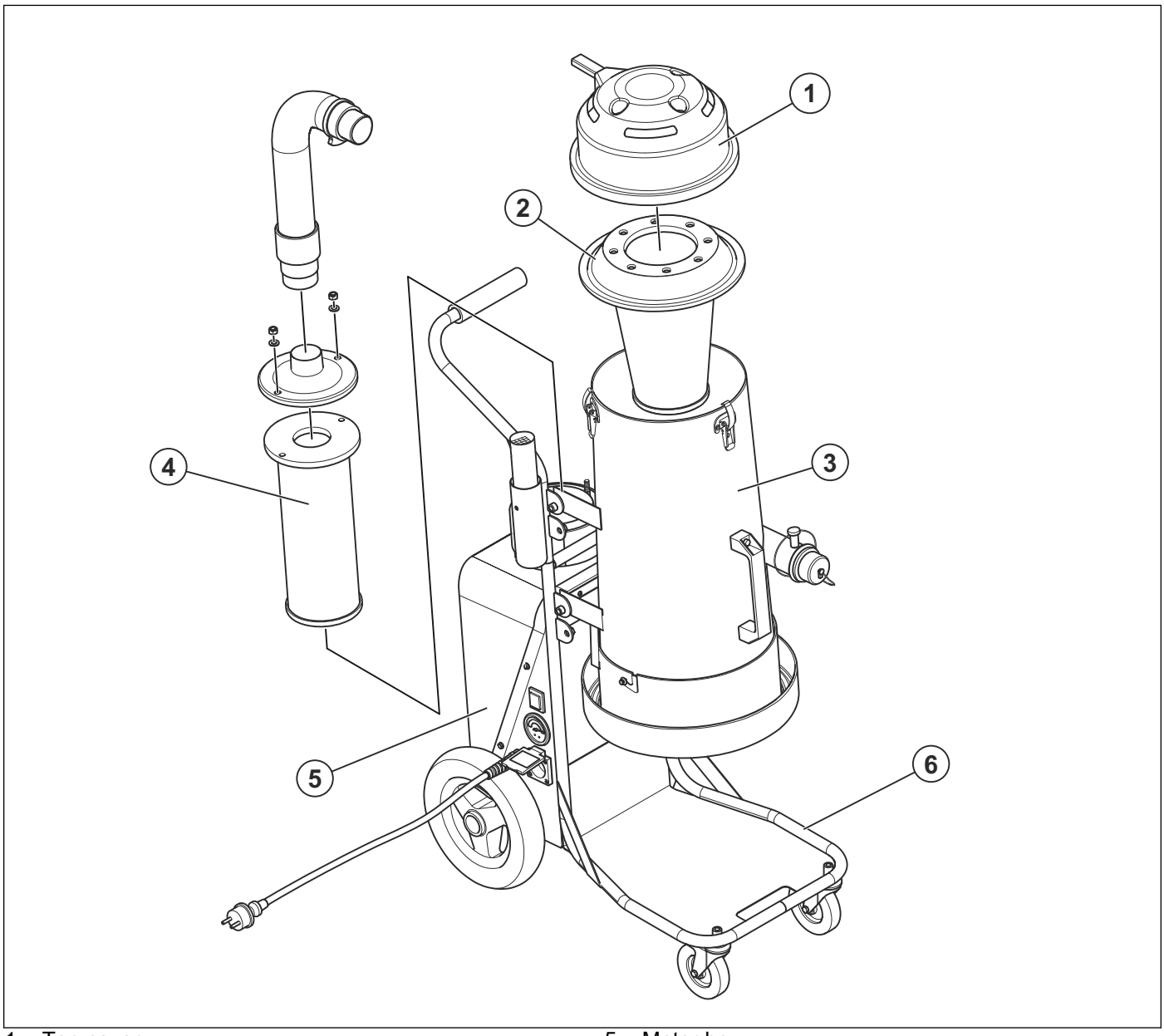
6 Troubleshooting

6.1 Troubleshooting schedule

Problem	Cause	Solution
The motor does not start.	There is no power supply.	Connect the product to a power source.
	The power cord is defective.	Replace the power cord.
	The ON/OFF switch is defective.	Replace the ON/OFF switch.
	The soft start unit is defective.	Replace soft start unit.
The motor stops immediately after you start the product.	There is an incorrect fuse.	Connect to correct fuse.
	There is short circuit in a cable or the product.	Do servicing on the product.
The motor operates but there is no suction.	The hose is not connected.	Connect the hose.
	The hose is clogged or blocked.	Clean the hose.
	There is no dust bag.	Install a dust bag.
The motor operates but unsatisfactory suction.	The hose is damaged.	Replace the hose.
	The filter is clogged.	Clean the filter or replace the filter.
	The top cover is loose.	Adjust the top cover.
	There is dirt on the lid at the bottom of the container.	Clean the lid at the bottom of the container.
	The gaskets are defective.	Replace the defective gaskets.
Dust is blown from the motor.	The filter system is incorrectly assembled or damaged.	Adjust or replace the filters.
Unusual noise.		Do servicing on the product.

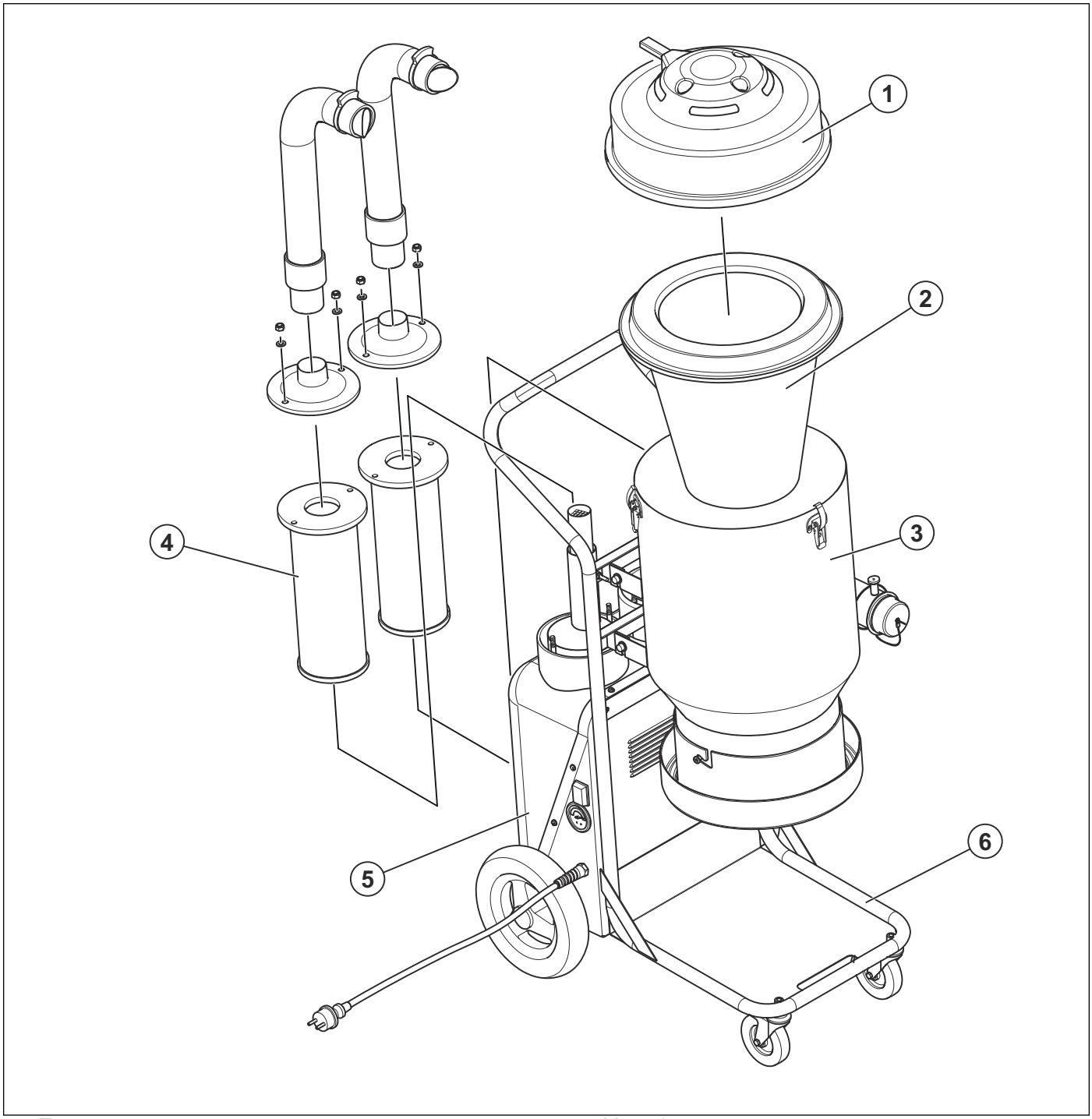
7 Product overview for repair and servicing

7.1 Product overview for repair instructions (S 13)



1. Top cover
2. Prefilter
3. Container
4. HEPA filter
5. Motor box
6. Frame

7.2 Product overview for repair instructions (S 26)



1. Top cover
2. Prefilter
3. Container
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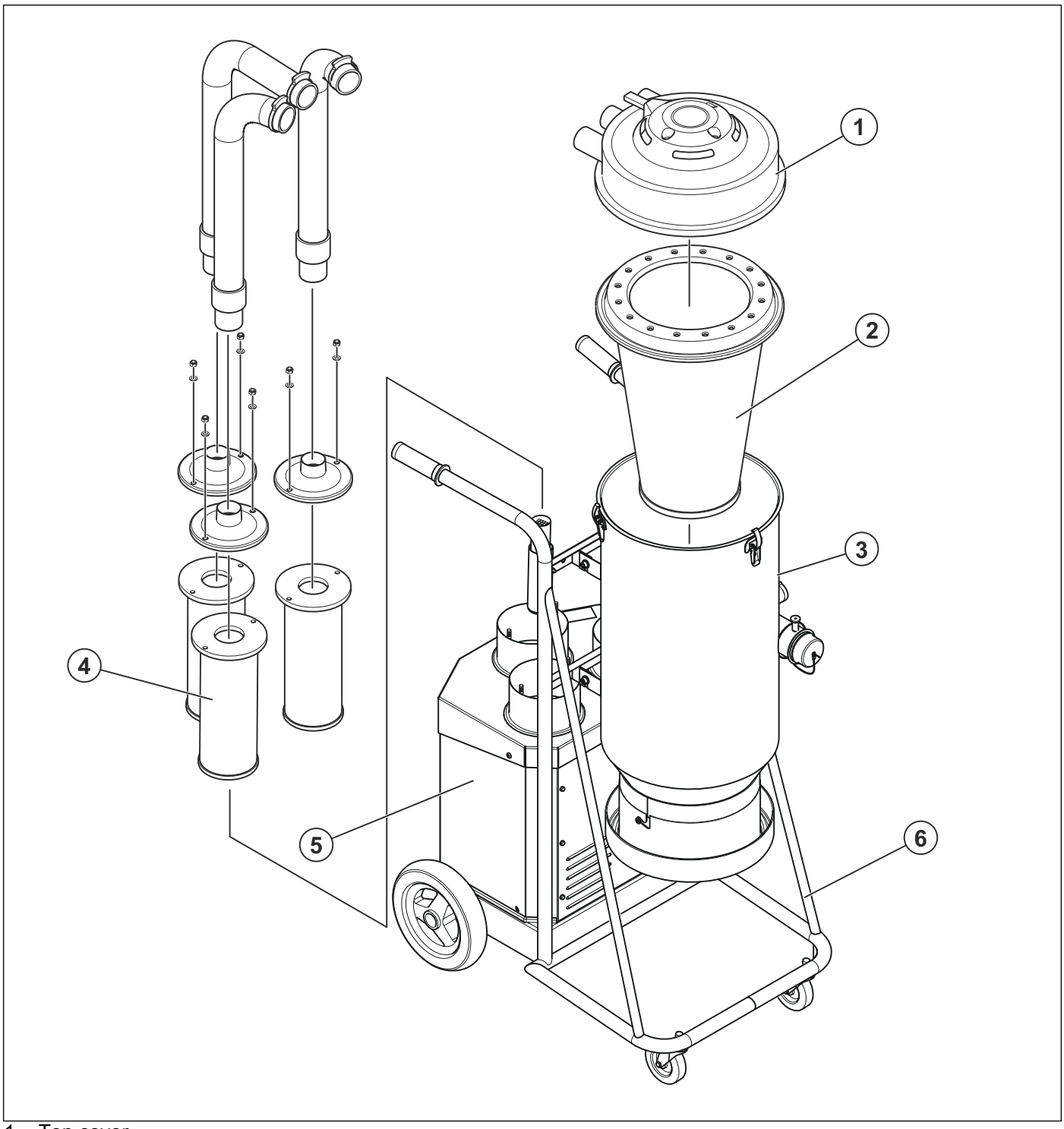
6. Frame

7.3 Product overview for repair instructions (S 36)



1. Top cover
2. Prefilter
3. Container
4. HEPA filter
5. Motor box
6. Frame

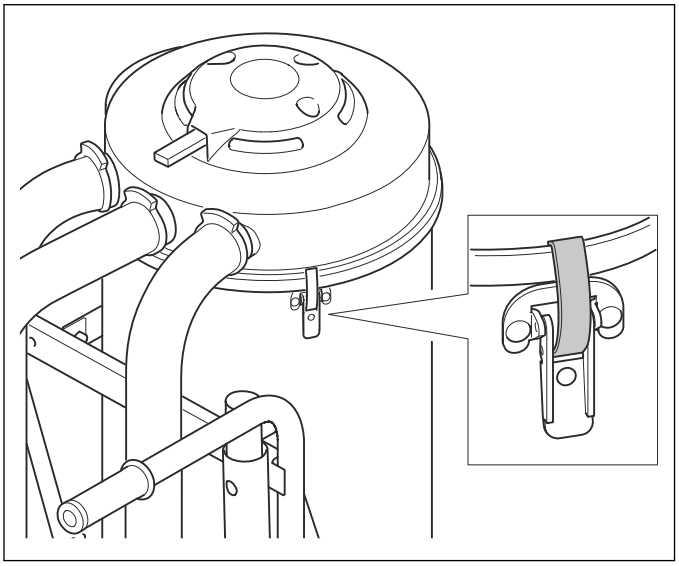
8.1 To clean and examine the product parts

- Clean and examine all parts fully. You find more instructions in the chapter for each part if special tools or procedures are necessary.
- Replace damaged parts.
- Always use original spare parts.

8.2 Top cover

8.2.1 To remove the top cover

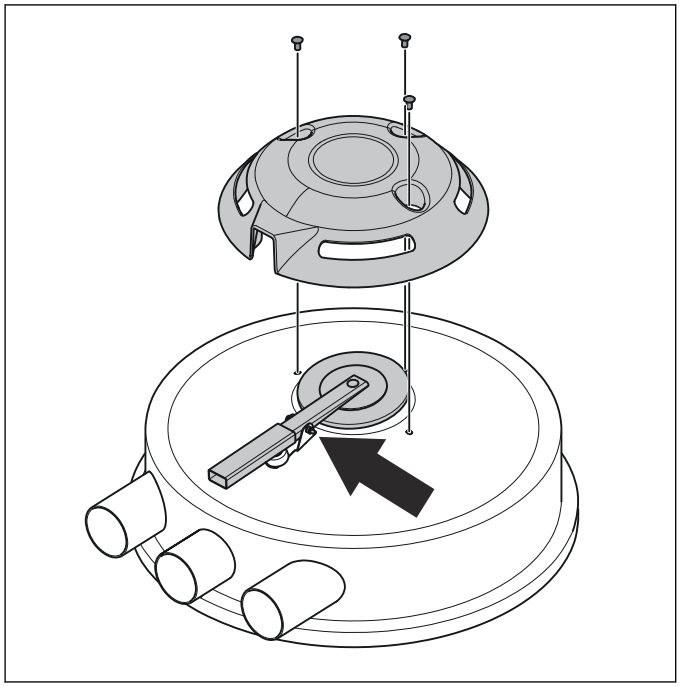
1. Remove the hoses from the top cover.
2. Unlock the 3 clamps.



3. Remove the top cover.

8.2.2 To remove the jet pulse cleaning kit

1. Remove the 3 screws and rivets on the top cover to get access to the jet pulse cleaning kit.



2. Remove the bolt and nut to remove the jet pulse cleaning kit.

8.2.3 To clean and examine the top cover and the jet pulse cleaning kit

1. Examine the top cover for cracks.
2. Make sure that the jet pulse cleaning kit operates correctly.
3. Remove dust from the top cover with a moist cloth.
4. Replace decals that are damaged.

8.2.4 To install the top cover

- Install the top cover in the opposite sequence to *To remove the top cover on page 17*.

8.2.5 To install the jet pulse cleaning kit

- Install the jet pulse cleaning kit in the opposite sequence to *To remove the jet pulse cleaning kit on page 17*.

8.3 Prefilter and HEPA filter

8.3.1 To replace the HEPA filter

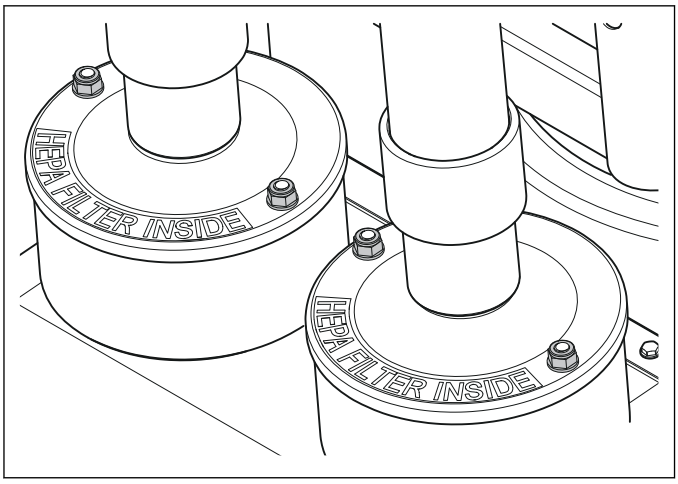
WARNING: Use approved protective gloves when you replace the HEPA filter.

WARNING: Make sure that there are no holes in the HEPA filter. Holes in the HEPA filter can cause a health risk.

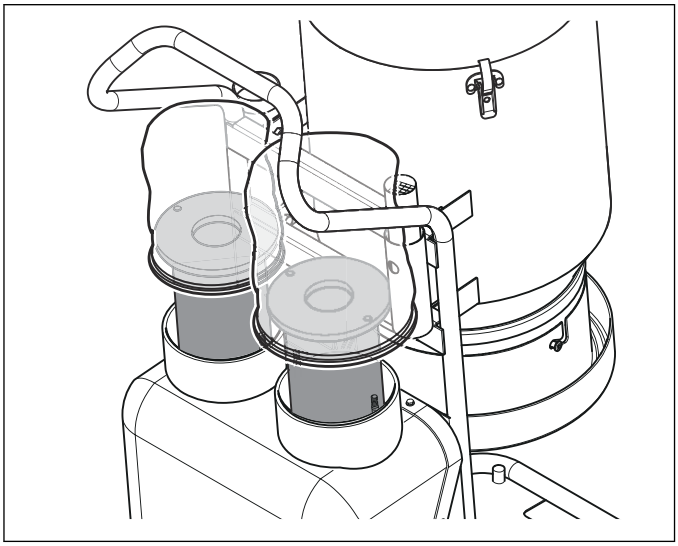
CAUTION: Do not clean a HEPA filter. This causes damage to the HEPA filter.

CAUTION: Make sure to not touch the inner surface of the HEPA filter. This cause damage to the HEPA filter.

1. Loosen the nuts on the filter covers. Remove the HEPA filter covers.



2. Carefully lift the HEPA filters into a clean plastic bag.

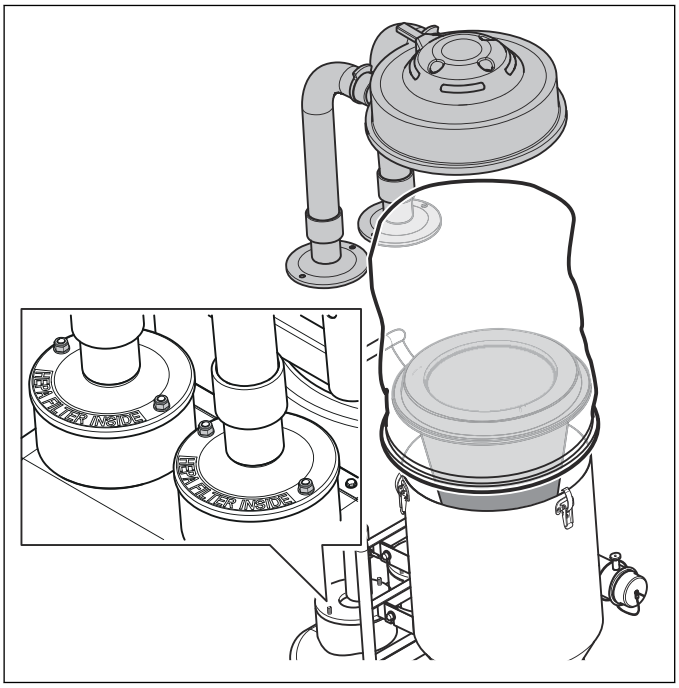


3. Dispose the plastic bag correctly. Refer to local regulations.
4. Install a new HEPA filter.
5. Install the HEPA filter covers.

8.3.2 To replace the prefilter

WARNING: Use approved protective gloves when you replace the prefilter.

1. Remove the filter caps.



2. Remove the top cover. Refer to *To remove the top cover on page 17*.
3. Carefully lift the prefilter into a clean plastic bag.
4. Dispose the plastic bag correctly. Refer to local regulations.
5. Install a new prefilter in the container.
6. Install the top cover. Refer to *To install the top cover on page 17*.

8.3.3 To clean the prefilter

CAUTION: Do not hit or drag items across the prefilter surface. The prefilter can be damaged.

CAUTION: Do not use water to clean the prefilter.

- Clean the prefilter in applicable area.
- Clean the prefilter before you change the dust bag or when the operation is completed.
- Clean the prefilter when it is unsatisfactory suction.
- To clean the prefilter with an external dust extractor, do these steps:
  a) Remove the top cover. Refer to *To remove the top cover on page 17*.
  b) Lift out the prefilter.

c) Clean the outer surface of the prefilter. Install a soft brush on the external dust extractor to prevent damage to the prefilter.

- To clean the prefilter with jet pulse cleaning kit, do these steps:
  a) Start the product.
  b) Close the inlet valve to seal the inlet.
  c) Wait for 5 seconds for the product to make a vacuum.
  d) Push and hold the arm to the jet pulse cleaning kit for 5 seconds.
  e) Wait for 5 seconds again, and then push and hold the arm to the jet pulse cleaning kit for 5 seconds. Do this step again and again until you have pushed the jet pulse cleaning kit 5 times.
- Replace the prefilter if the suction does not become better when you clean the prefilter. Refer to *To replace the prefilter on page 18*.

8.4 Container

8.4.1 To remove the container

1. Remove the top cover. Refer to *To remove the top cover on page 17*.
2. Remove the prefilter. Refer to *To replace the prefilter on page 18*.
3. Remove the Longopac dust bag.
4. Loosen the screws that hold the container to the frame.
5. Remove the container from the frame.

8.4.2 To clean and examine the container

1. Examine the container for damage.
2. Make sure that the bottom lid opens and closes correctly.
3. Remove dust from the container with a moist cloth.
4. Replace decals that are damaged.

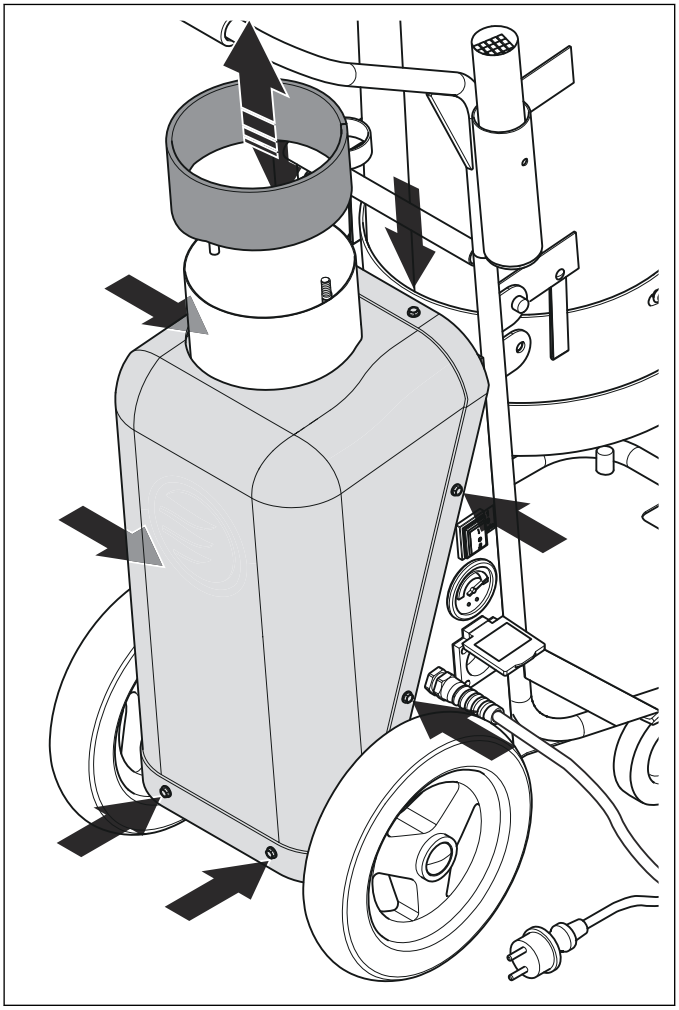
8.4.3 To install the container

- Install the container in the opposite sequence to *To remove the container on page 19*.

8.5 Motor box

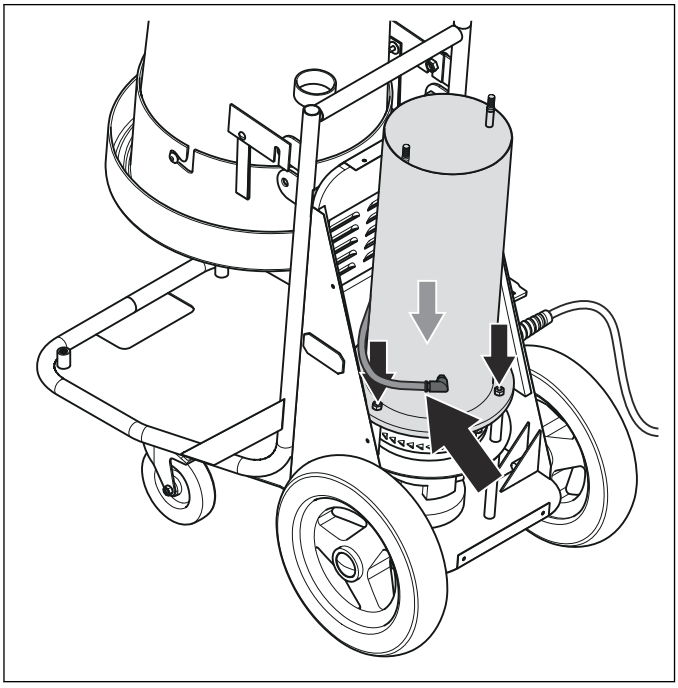
8.5.1 To disconnect the circuit board (S 13)

1. Remove the HEPA filter, refer to *To replace the HEPA filter on page 17*.
2. Remove the motor tube gasket.

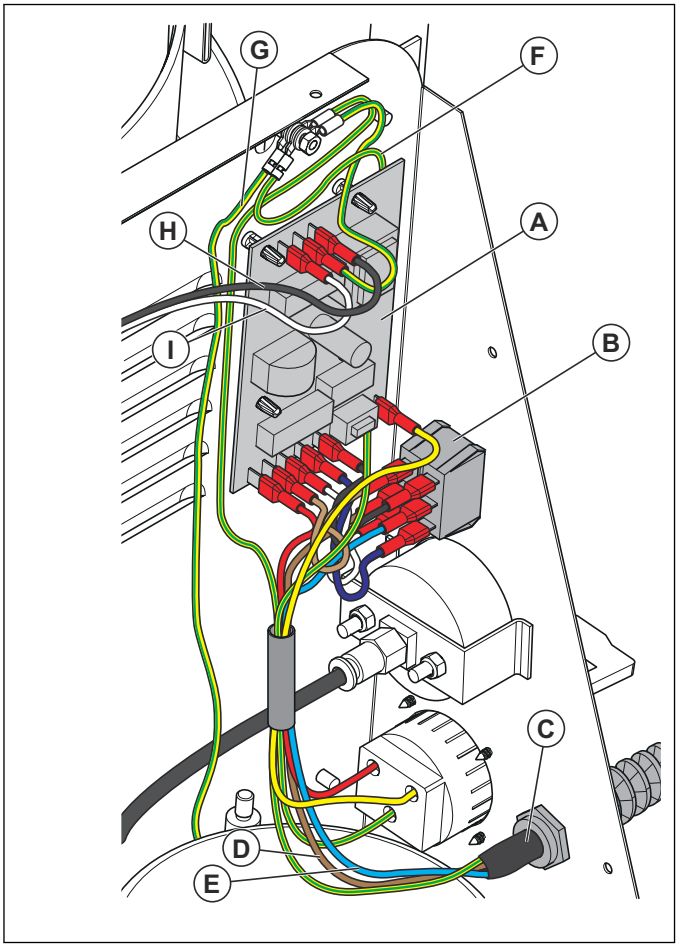


3. Remove the 8 screws and remove the motor housing.

4. Remove the manometer tube.



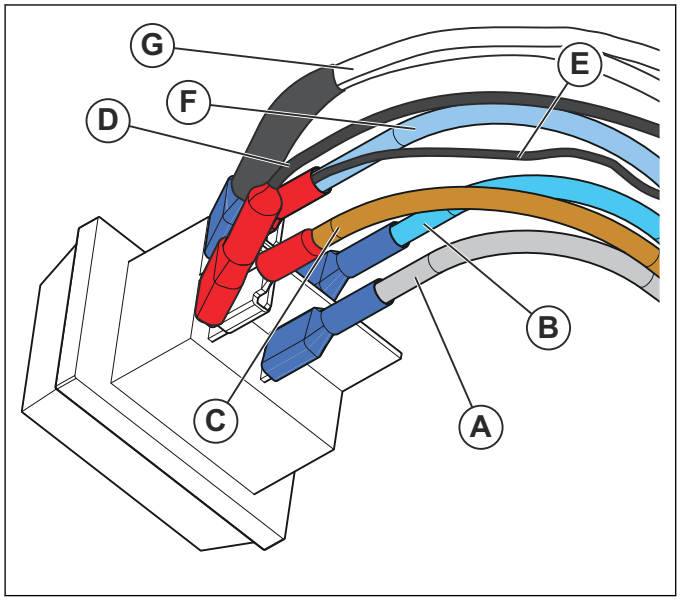
5. Remove the 3 nuts and remove the motor tube.
6. Disconnect the cables from the circuit board for the part that is necessary to remove.



a) To disconnect the circuit board (A), remove all the cables from the circuit board.
b) To disconnect the ON/OFF switch (B), remove the cables from the ON/OFF switch.
c) To disconnect the power cord (C), remove the brown (D) and blue (E) cables from the ON/OFF switch (B) and the ground cable (F).
d) To disconnect the motor, remove the ground cable (G) and the black (H) and white cable (I) that are attached to the circuit board.

8.5.2 To replace the ON/OFF switch

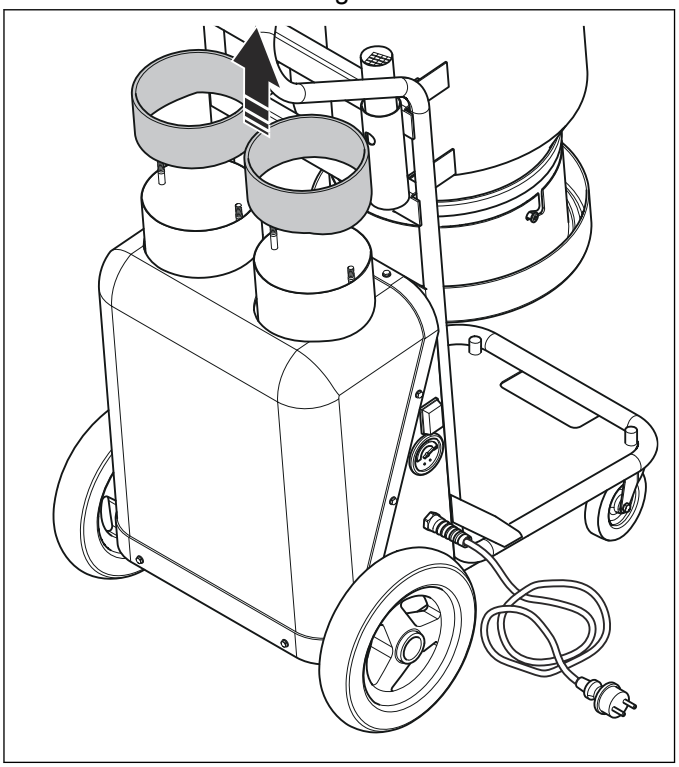
1. Remove the motor tube. Refer to *To disconnect the circuit board (S 13) on page 19*.
2. Make a note of the positions of the cables on the ON/OFF switch.
3. Disconnect all the cables from the ON/OFF switch.
4. Push the ON/OFF switch out of the socket.
5. Connect the cables to the new ON/OFF switch. Refer to the illustration and the table.



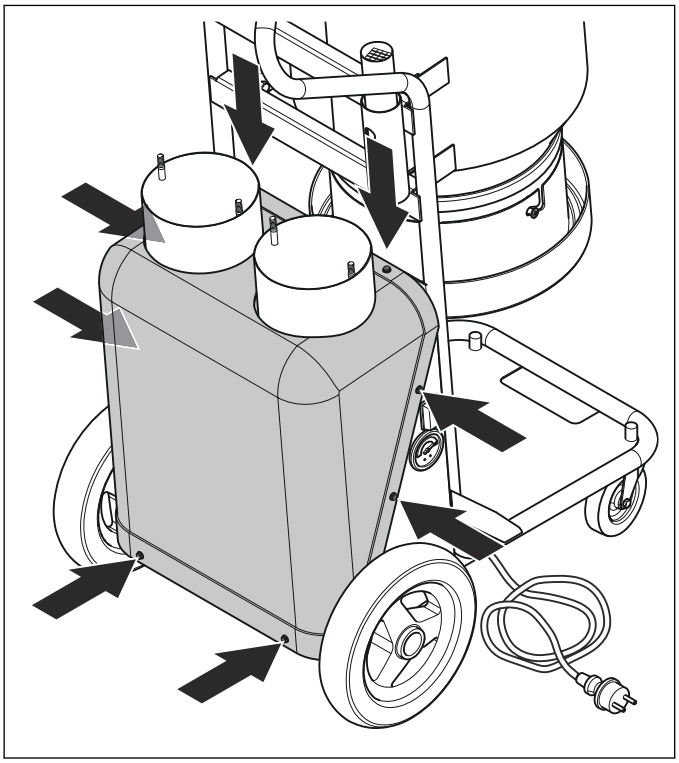
Position	Cable color
A	Grey
B	Light blue
C	Brown, soft start unit
D	Black, hour meter
E	Black, hour meter
F	Blue, soft start unit
G	White

8.5.3 To remove the soft start unit and the electronic filter (S 26)

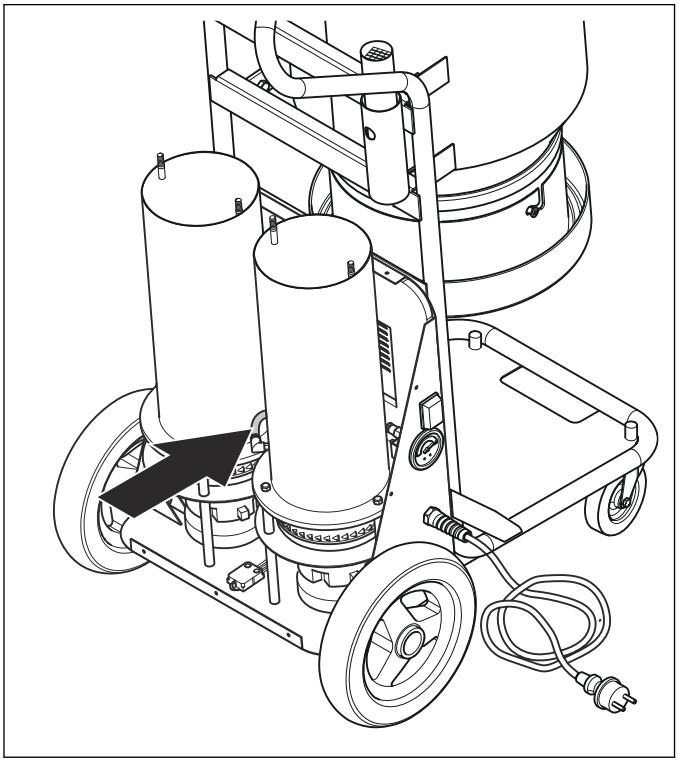
1. Remove the HEPA filters, refer to *To replace the HEPA filter on page 17*.
2. Remove the motor tube gaskets.



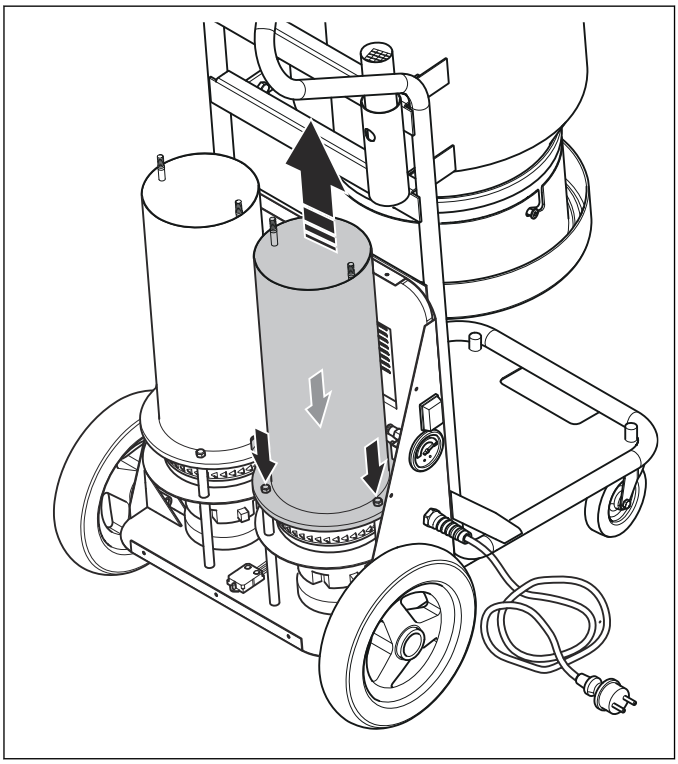
3. Remove the 8 screws and remove the motor housing.



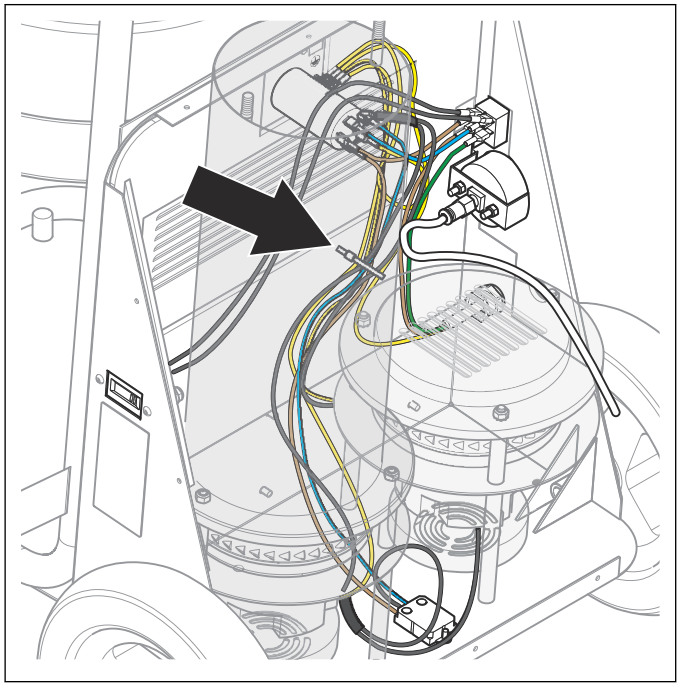
4. Remove the manometer tube.



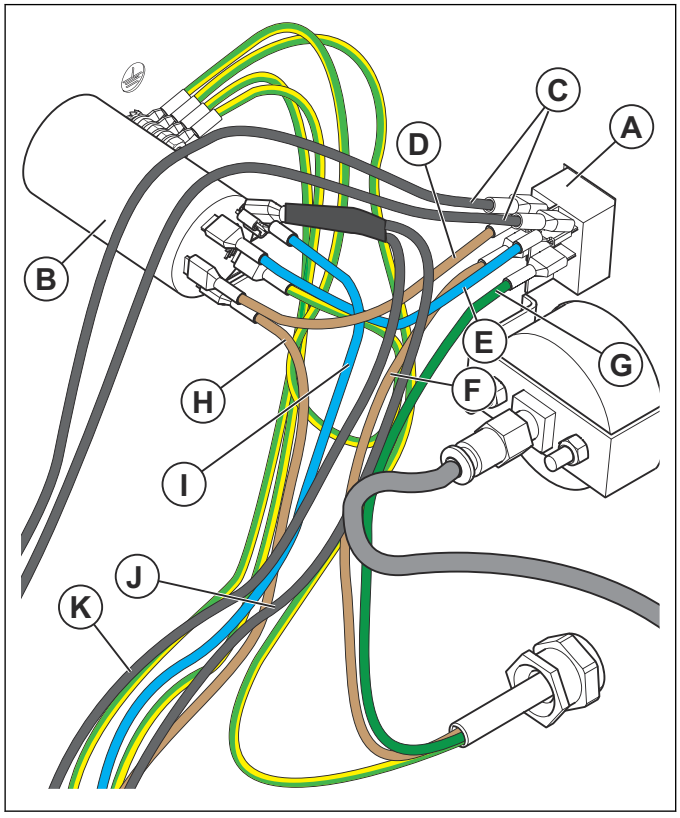
5. Remove the 3 nuts. Remove the motor tube to get access to the cables.



6. Cut the cable strip that holds the cables together.



7. Remove the hour meter cables (C) from the ON/OFF switch (A).

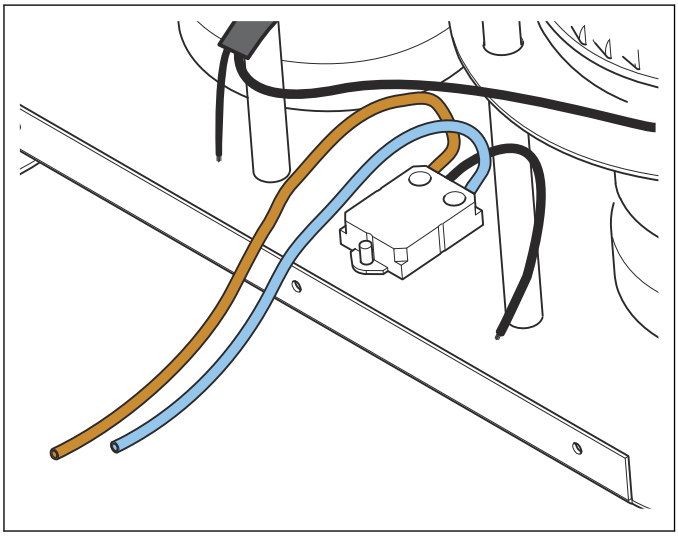


8. Remove the brown (D) and blue (E) electronic filter cables from the ON/OFF switch.
9. Remove the power brown (F) and green (G) cables from the ON/OFF switch.
10. Remove the cables from the electronic filter (B).
11. Remove the electronic filter (B).

CAUTION: Do not remove the ground wires that are attached to the motor housing

unless it is necessary to replace a motor or a power cord.

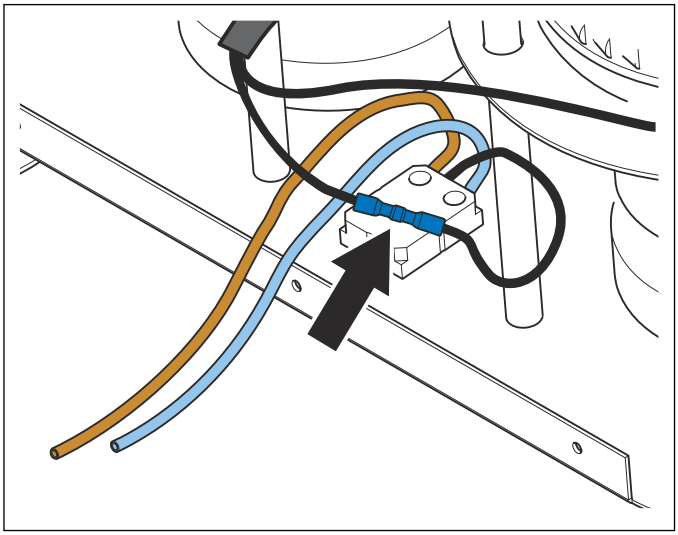
12. Cut the brown (H) and blue (I) cables from the soft start unit.
13. Pull out the brown (H) and blue (I) cables of the soft start unit from behind the motor.
14. Cut the black cable that goes from the soft start unit to the motors.



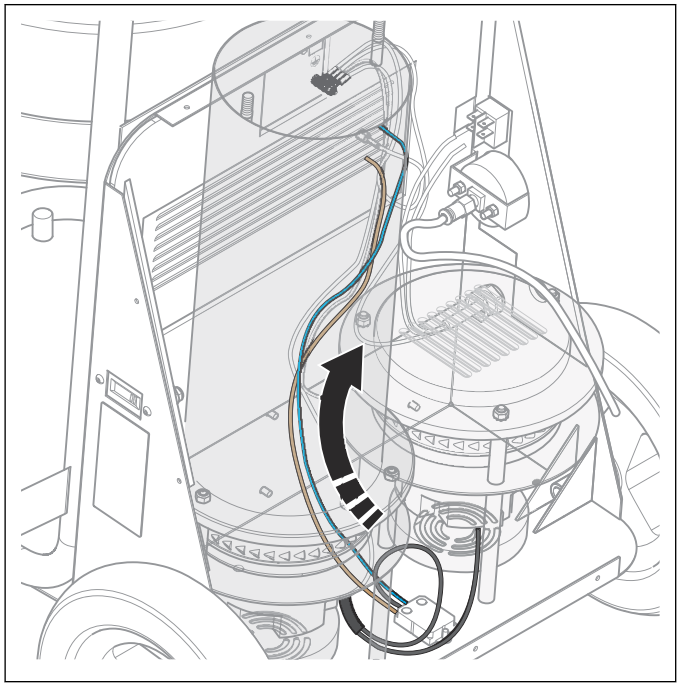
15. Use a flat screwdriver and a hammer or use a drill to remove the soft start unit from the frame.

8.5.4 To install the soft start unit and the electronic filter (S 26)

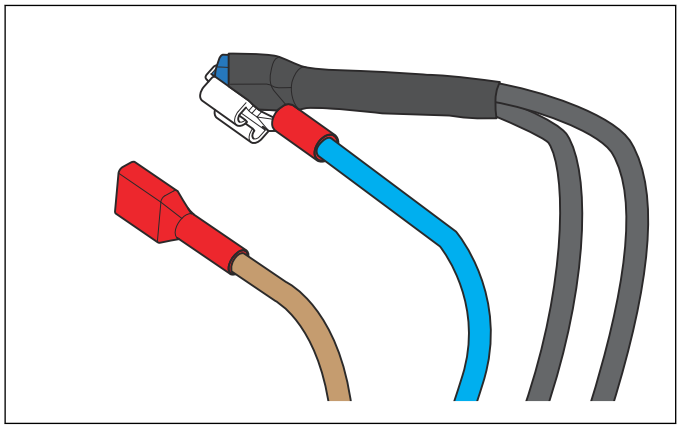
1. Install a new soft start unit to the frame. Use a rivet or a screw and nut to attach the soft start unit.
2. Connect the butt splice terminal to the black cable from the soft start unit and the black cable from the motors.



3. Pull the cables behind the right motor to the electronic filter.



4. Connect the blue cable to a female connector.
5. Connect the blue cable to a piggyback terminal.
6. Connect the black motor cables to the piggyback terminal.



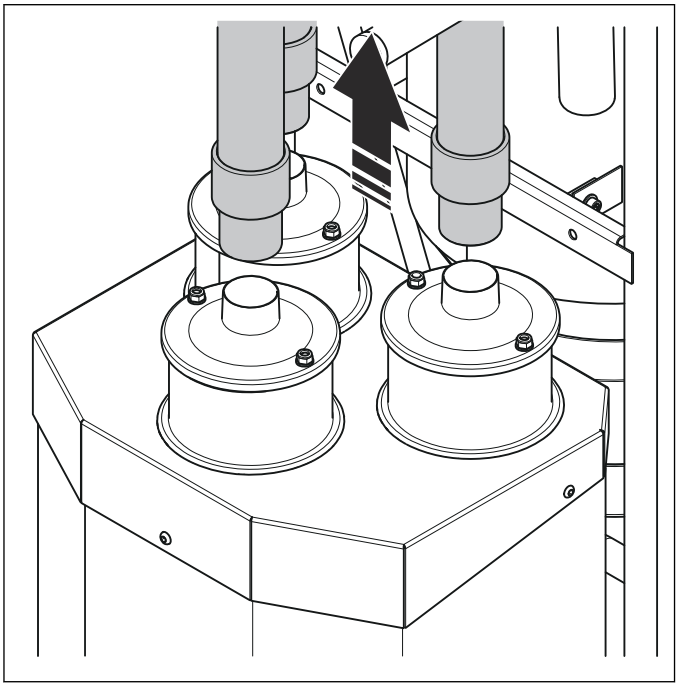
7. Attach the electronic filter to the motor housing.
8. Connect all the cables to the electronic filter and the ON/OFF switch. Refer to the electrical diagram.
9. Put the cables together with a cable strip. Make sure that the cable for the ON/OFF switch has sufficient length for future replacements.
10. Assemble the product in the opposite sequence to how it was disassembled. Refer to *To remove the soft start unit and the electronic filter (S 26) on page 21*.

Note: When you install the gaskets, make sure that the gasket curve is down and on the external side of the hole.

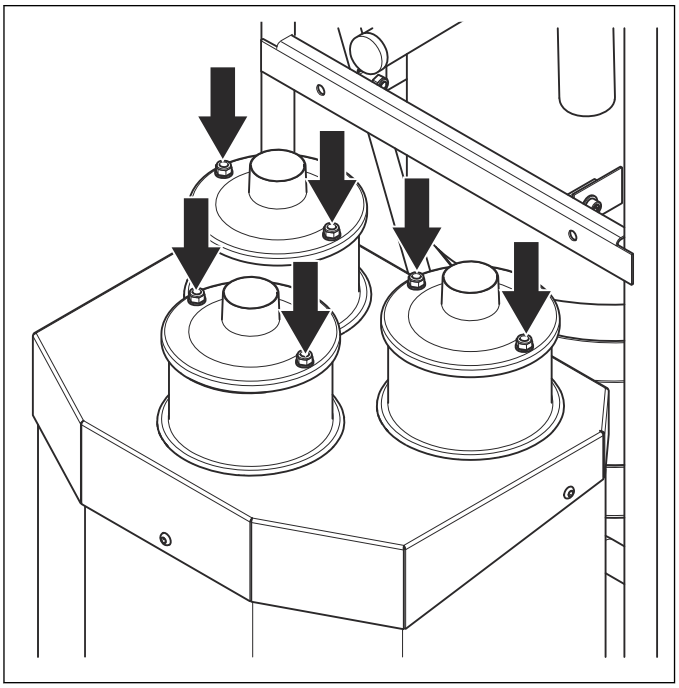
8.5.5 To remove the soft start unit and the electronic filter (S 36)

WARNING: Use approved personal protection when you remove the HEPA filter. Refer to *To replace the HEPA filter on page 17*.

1. Remove the hoses from the HEPA filters.

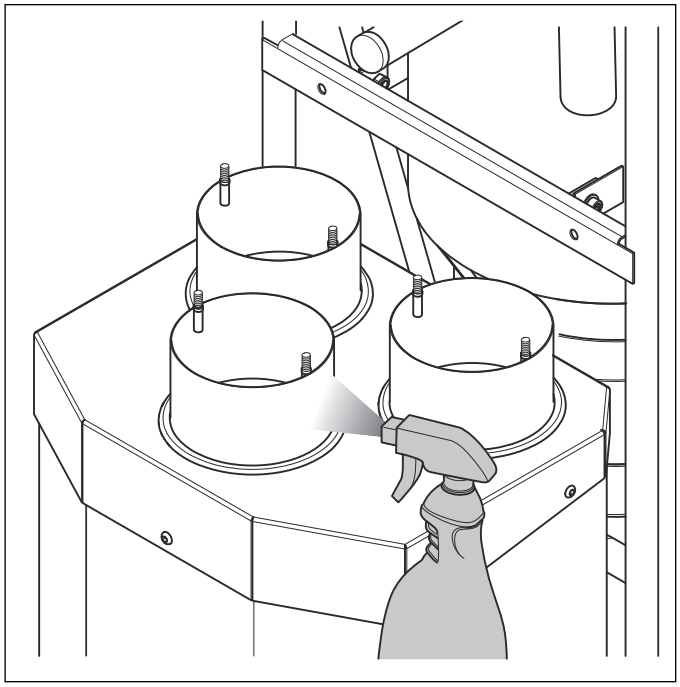


2. Loosen the nuts and pull the HEPA filters up. Put the HEPA filters in a sealed container.

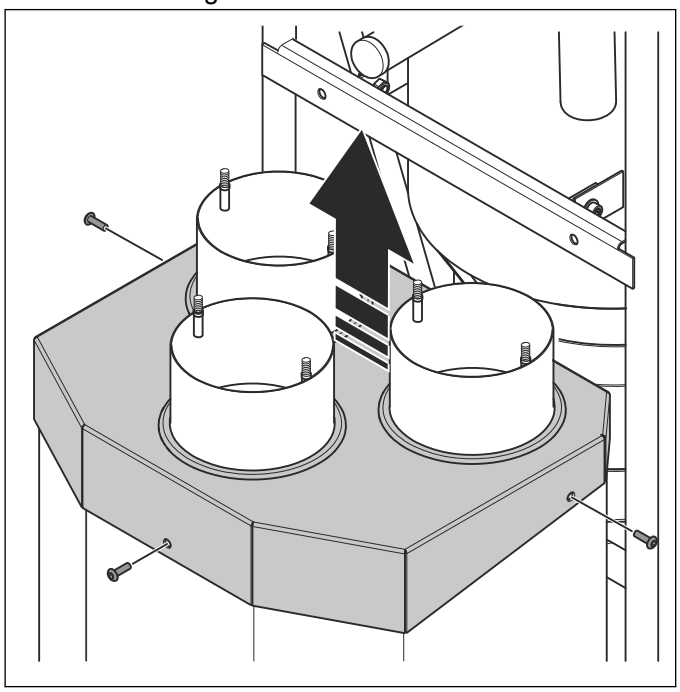


3. Remove the motor tube gaskets.

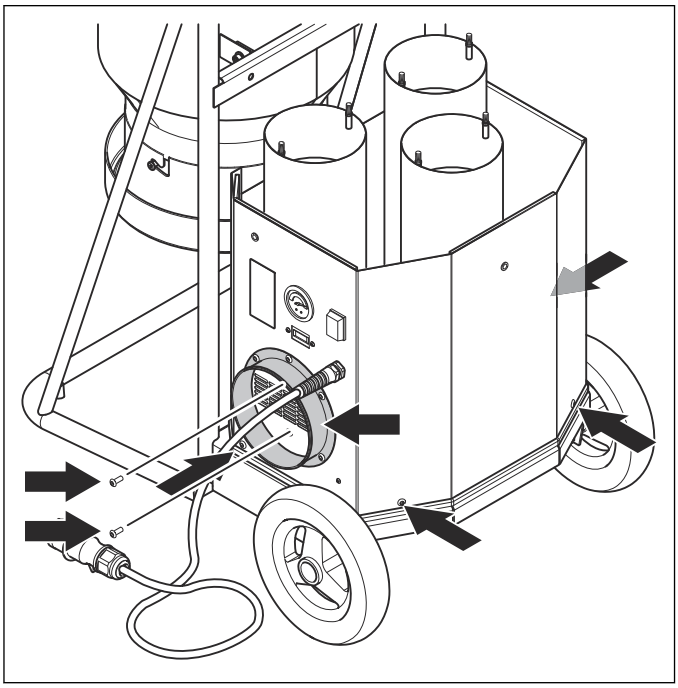
4. Spray glass cleaning agent on the tubes to make it easy to remove the top of the motor housing.



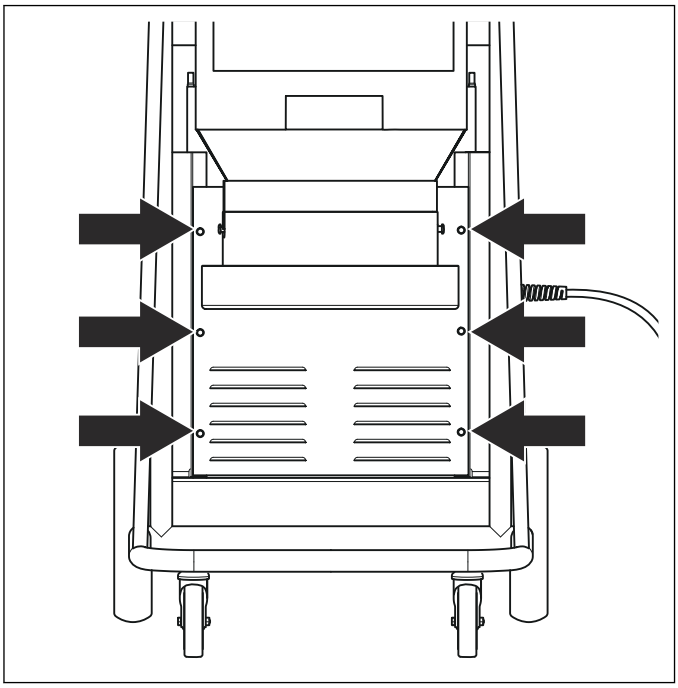
5. Remove the 3 screws and remove the top of the motor housing.



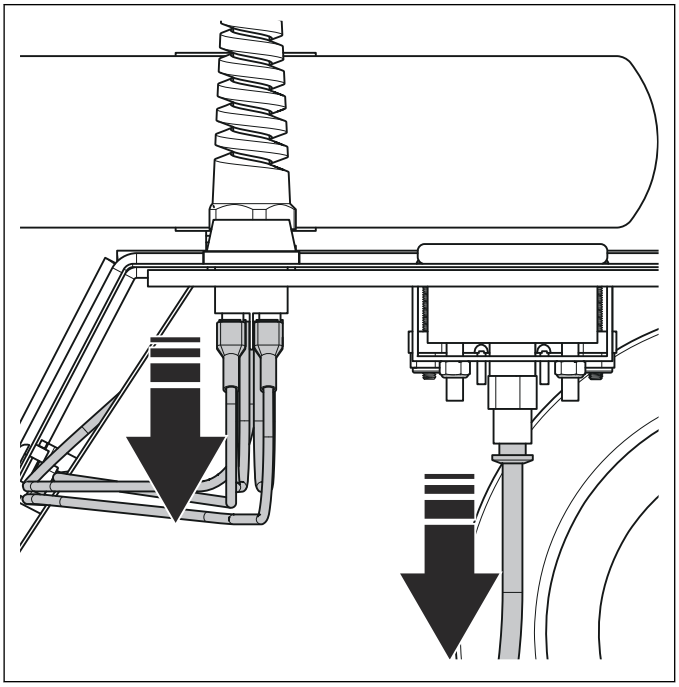
6. Remove the 4 screws at the bottom of the motor housing. Remove the 2 screws on the inner side of the inlet.



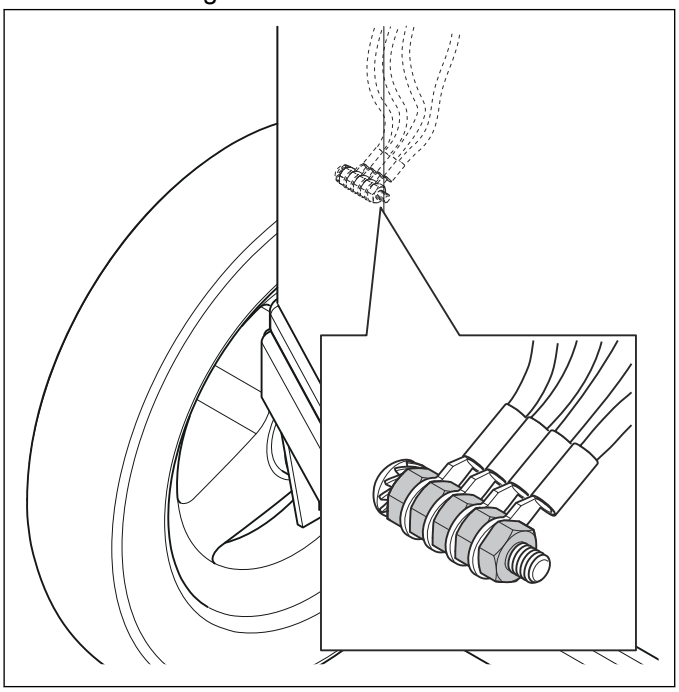
7. Remove the 6 screws that attaches the inlet to the motor housing. Remove the inlet.
8. Remove the 6 screws on the back plate. Remove the rear plate.



9. Tilt the motor housing slightly rearward for wire and cable access.
10. Remove the wires that go into the ON/OFF switch. Remove the manometer tube.

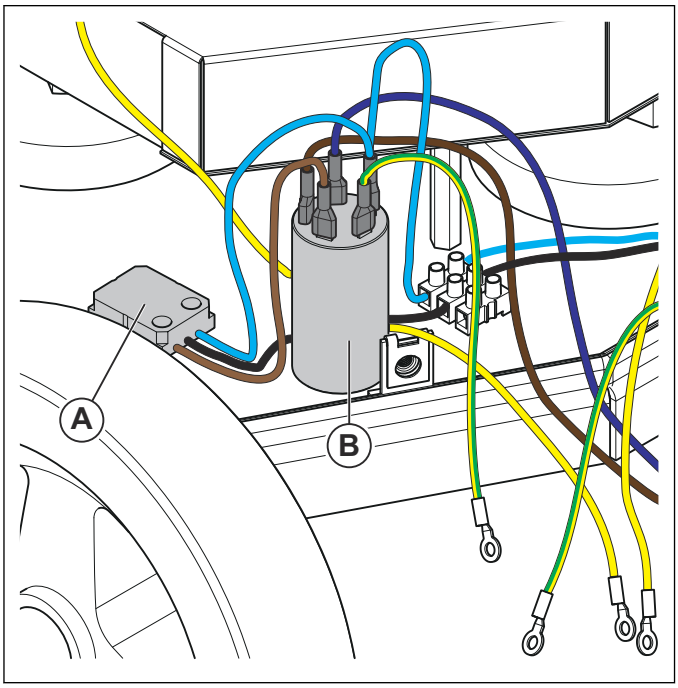


11. Loosen the 5 nuts that attach the ground wires to the motor housing.



12. Pull the motor housing up and remove the motor housing.

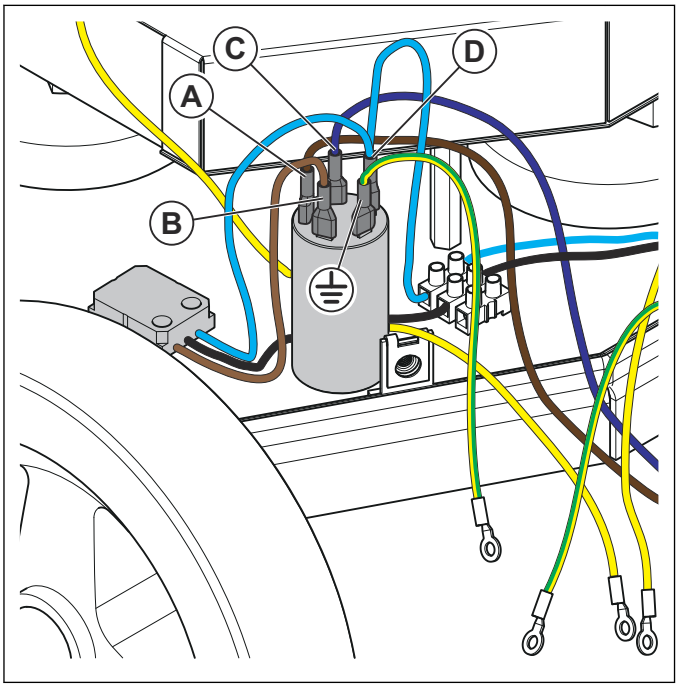
13. Use a flat screwdriver and a hammer to carefully remove the soft start unit (A). If a rivet attaches the soft start unit to the frame, drill the rivet off.



14. Loosen the nut below the electronic filter and remove the electronic filter (B).

8.5.6 To install the soft start unit and the electronic filter (S 36)

1. Attach the cables to the electronic filter and soft start unit. Make sure that you attach the correct cable to the correct position on the electronic filter. Refer to *Diagrams on page 28*.



Position	Cable color
A	Brown, ON/OFF switch
B	Brown, soft start unit
C	Blue, ON/OFF switch
D	Blue, 2 cables
Ground	Yellow/green, ground cable

2. Attach the soft start unit to the frame with a rivet or a small screw and a locknut.
3. Attach the new electronic filter to the frame with a washer and a nut. Tighten the nut fully.
4. Assemble the product in the opposite sequence to how it was disassembled, refer to *To remove the soft start unit and the electronic filter (S 36) on page 24*.

9 Transportation, storage and disposal

9.1 Transportation of the product

- Remove the dust from the container.
- Put the product in a closed vehicle during transportation.
- Do not put the product in frost or rain during transportation.
- Let the product stay in an upright position during transportaton.
- To prevent damages and accidents, make sure that the product cannot move during transportation.

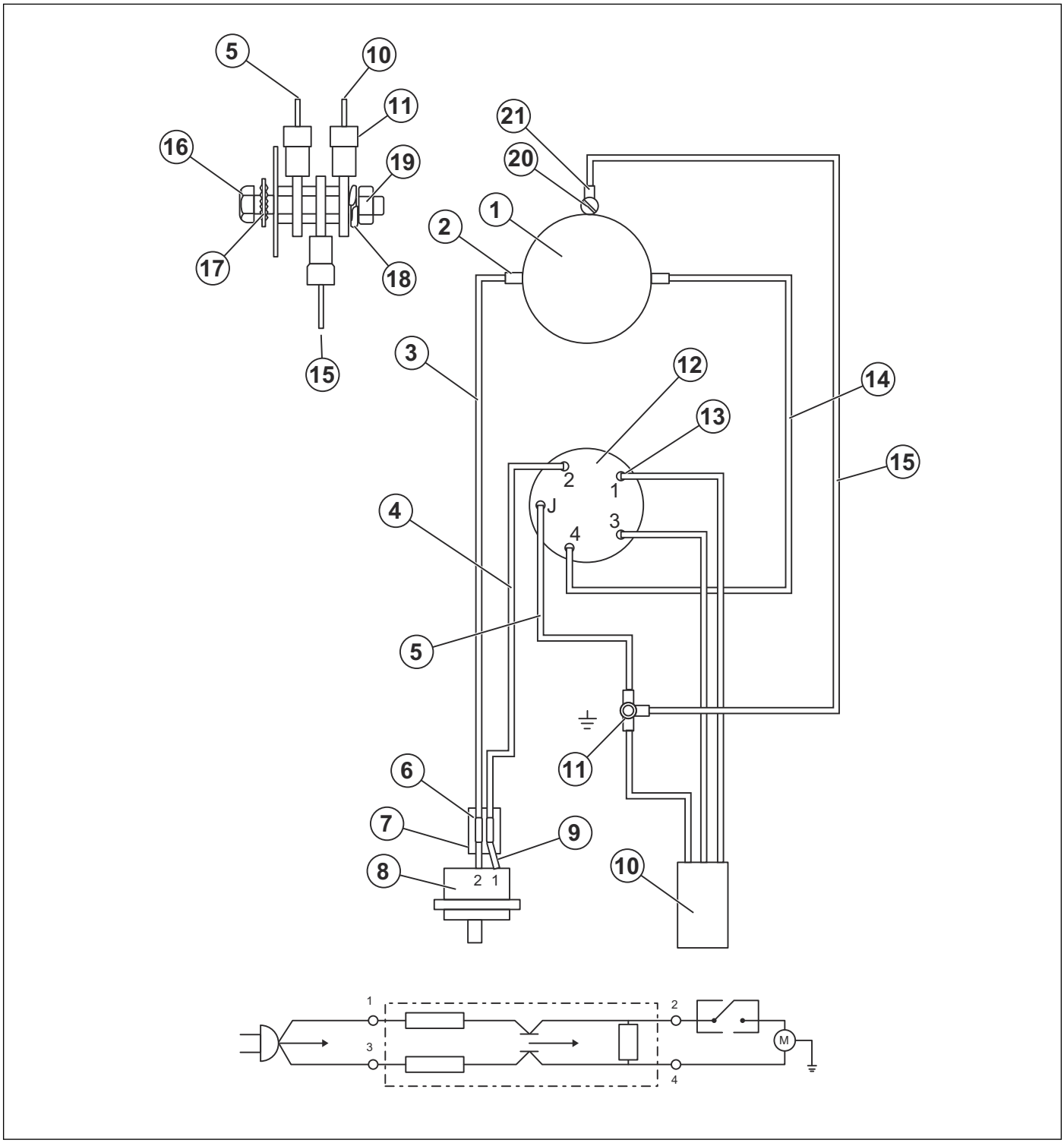
9.2 Storage of the product

- Put the product in an indoor storage away from outdoor elements.
- Disconnect the product from the power source.
- Put the product in a dry and frost-free area.
- Put the product in a locked area. Do not let children or not approved persons near the product.

9.3 Disposal

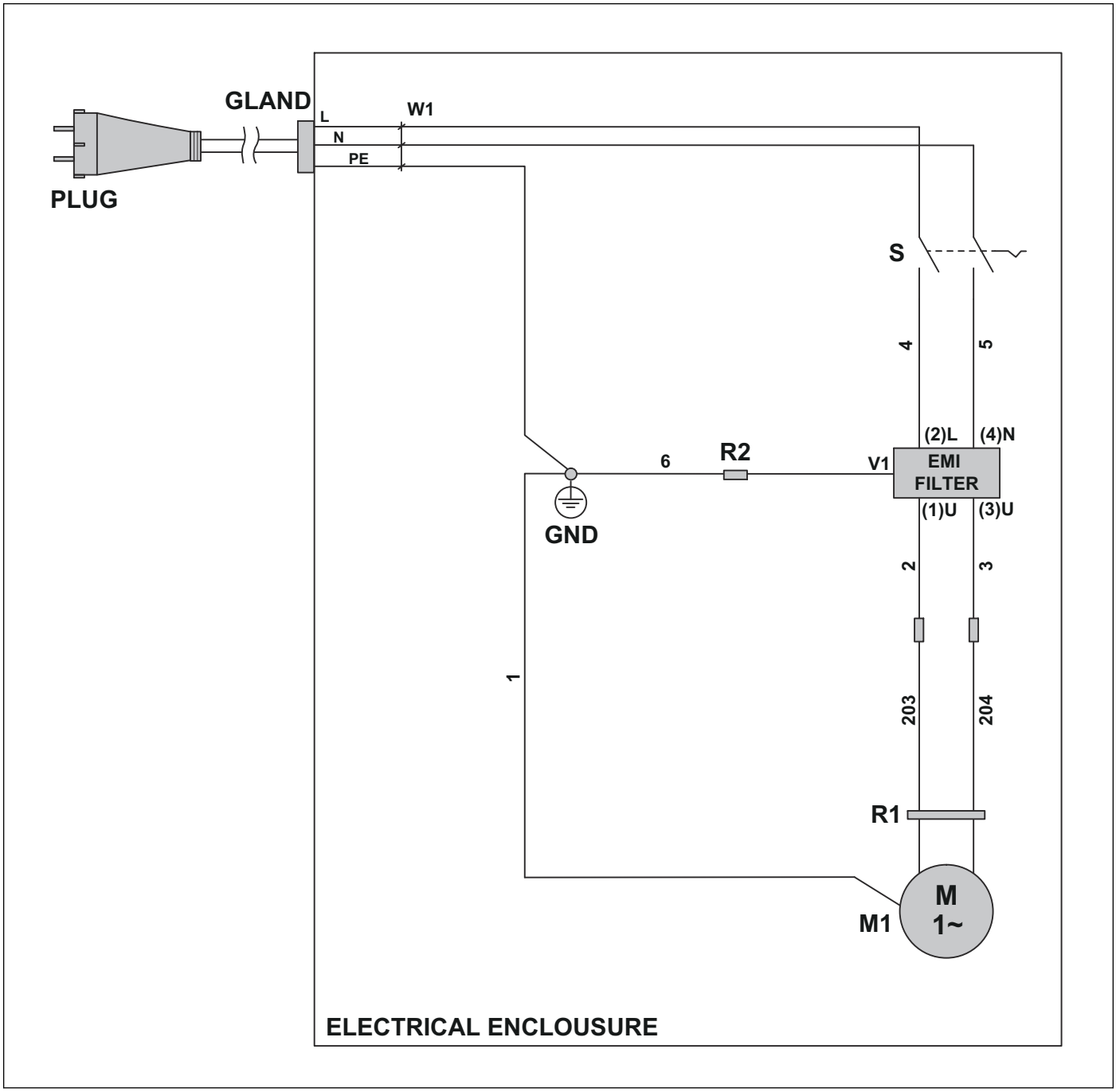
- Obey national regulations.
- Use the local recycling system.

10.1 Electrical diagram (S 13), 230 V with filter 590427201

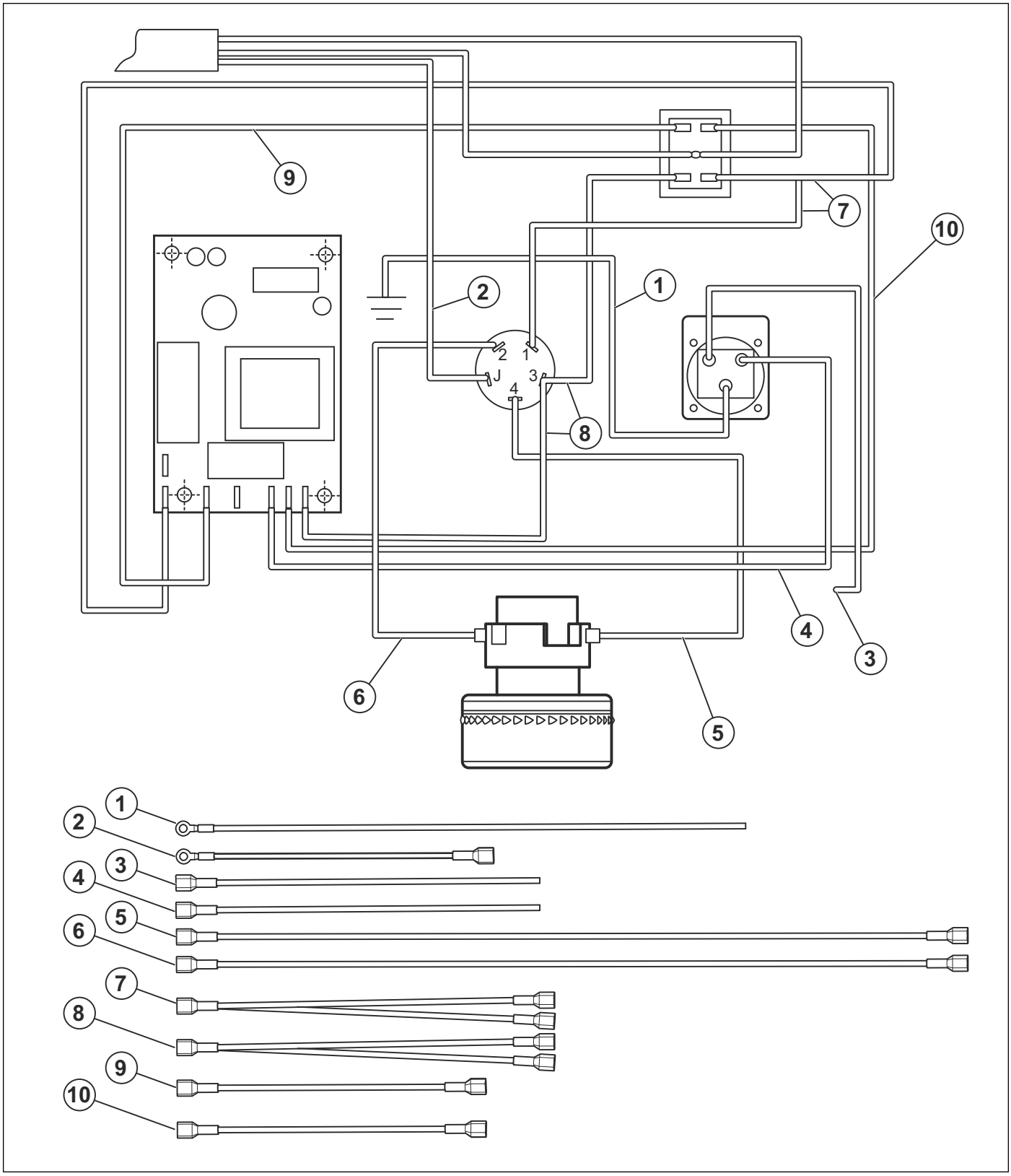


Item	Description	Quantity
1	Motor	1
2	Cable clip	2
3	White cable	0.5
4	Brown cable	0.5
5	Yellow/green cable	0.15
6	Terminal 2-pol	1
7	White cable	0.5
8	Switch Sealing ring	1 1
9	Brown cable	0.5
10	Cord set	1
11	Cable clip	4
12	Filter	1
13	Cable clip	9
14	Black cable	0.4
15	Yellow/green cable	0.65
16	Screw	1
17	Toothed washer	1
18	Lock washer	1
19	Locknut	4
20	Screw	1
21	Lock washer	1

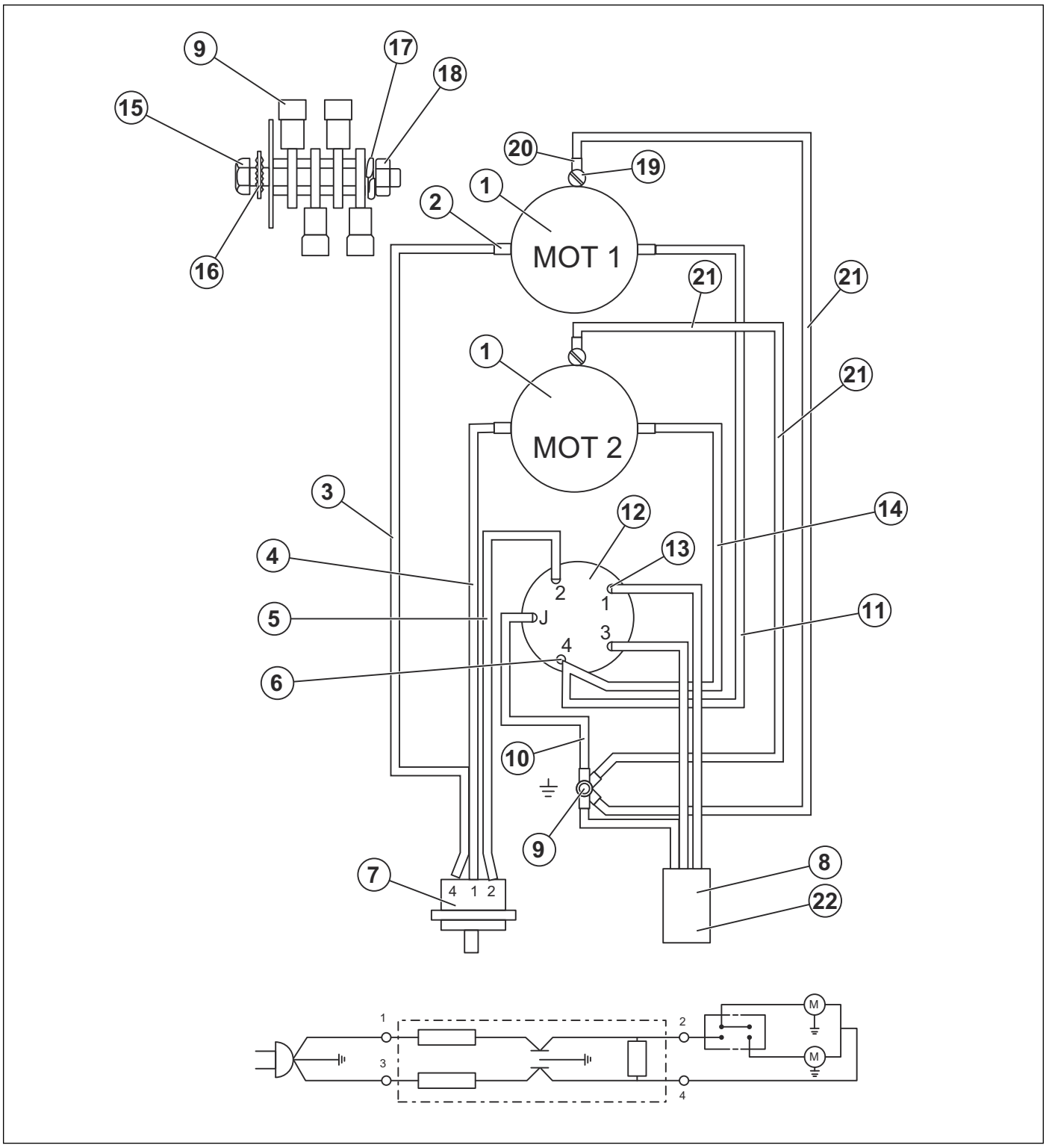
10.2 Electrical diagram (S 13), 230 V with filter 548068901



10.3 Electrical diagram (S 13), 230 V

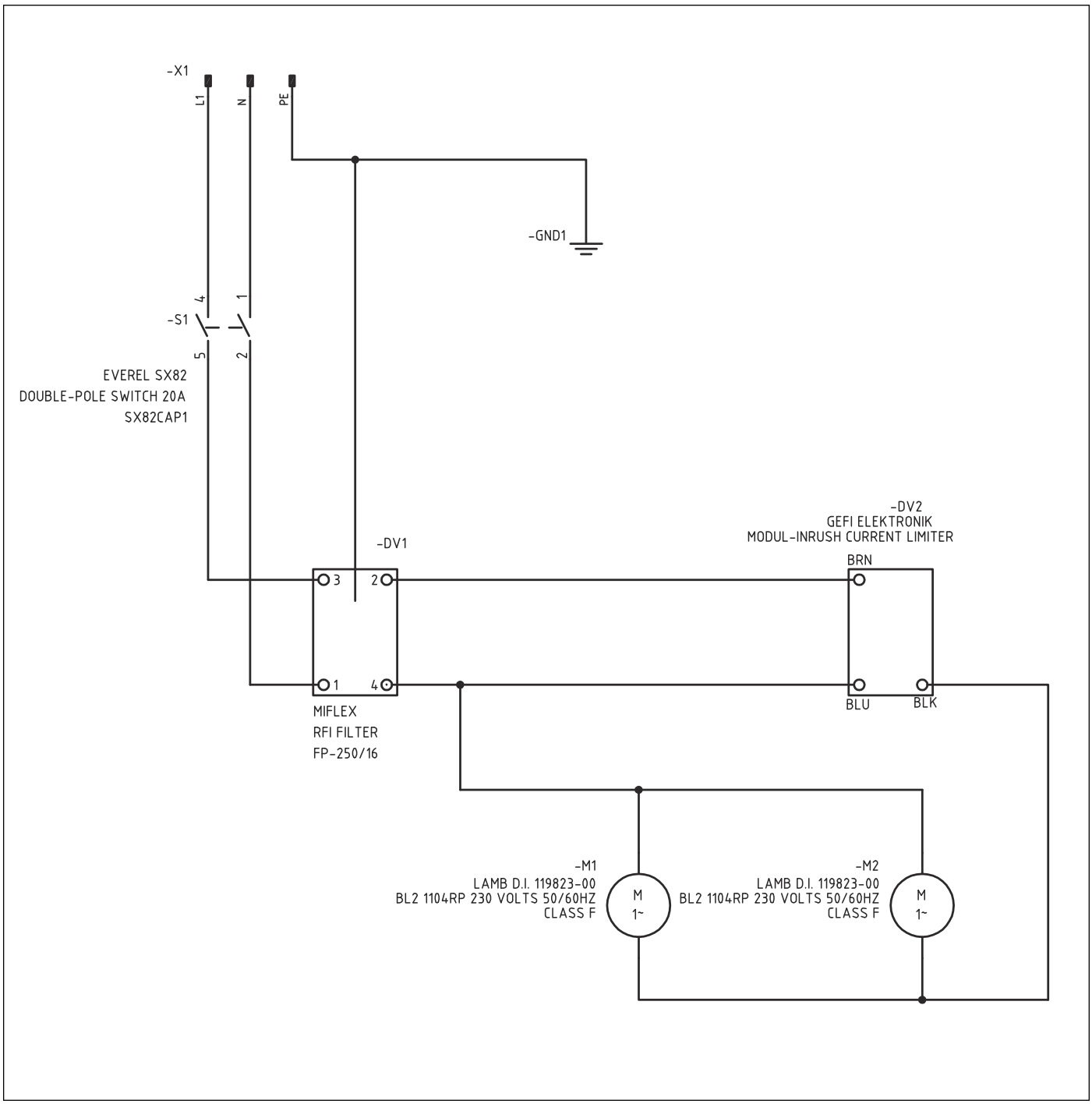


10.4 Electrical diagram (S 26), 230 V, 50 Hz

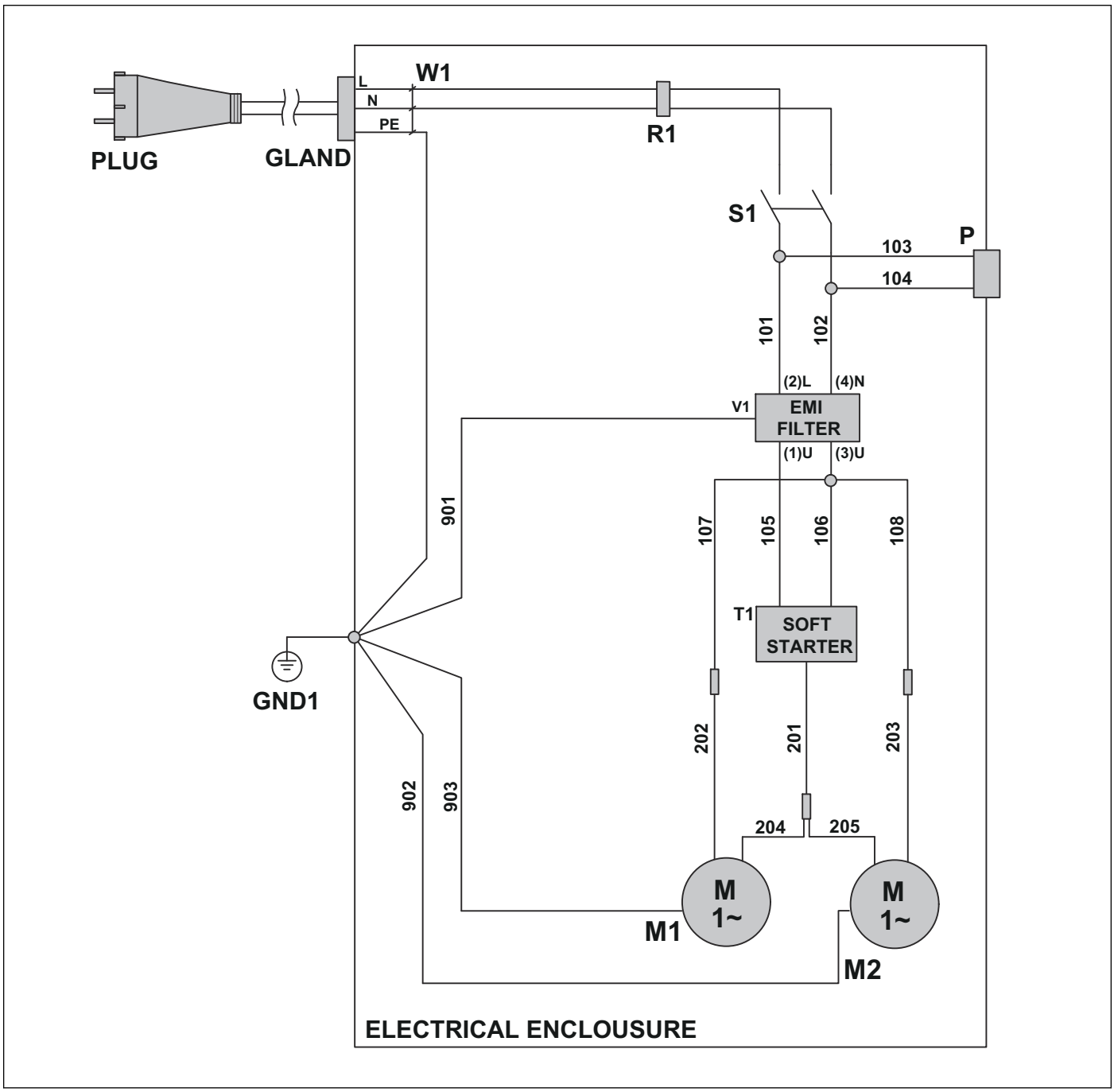


Item	Description	Part no	Quantity
1	Motor		2
2	Cable clip		4
3	Brown cable		1.05
4	White cable		1.05
5	Black cable		0.95
6	Cable clip		1
7	Switch		1
8	Cord set		1
9	Cable clip		4
10	Yellow/green cable		0.15
11	Blue cable		0.65
12	Filter		1
13	Cable clip		5
14	Blue cable		0.65
15	Screw		1
16	Toothed washer		1
17	Lock washer		1
18	Locknut		5
19	Screw		2
20	Lock washer		2
21	Yellow/green cable		2 x 0.55
22	N/A		N/A

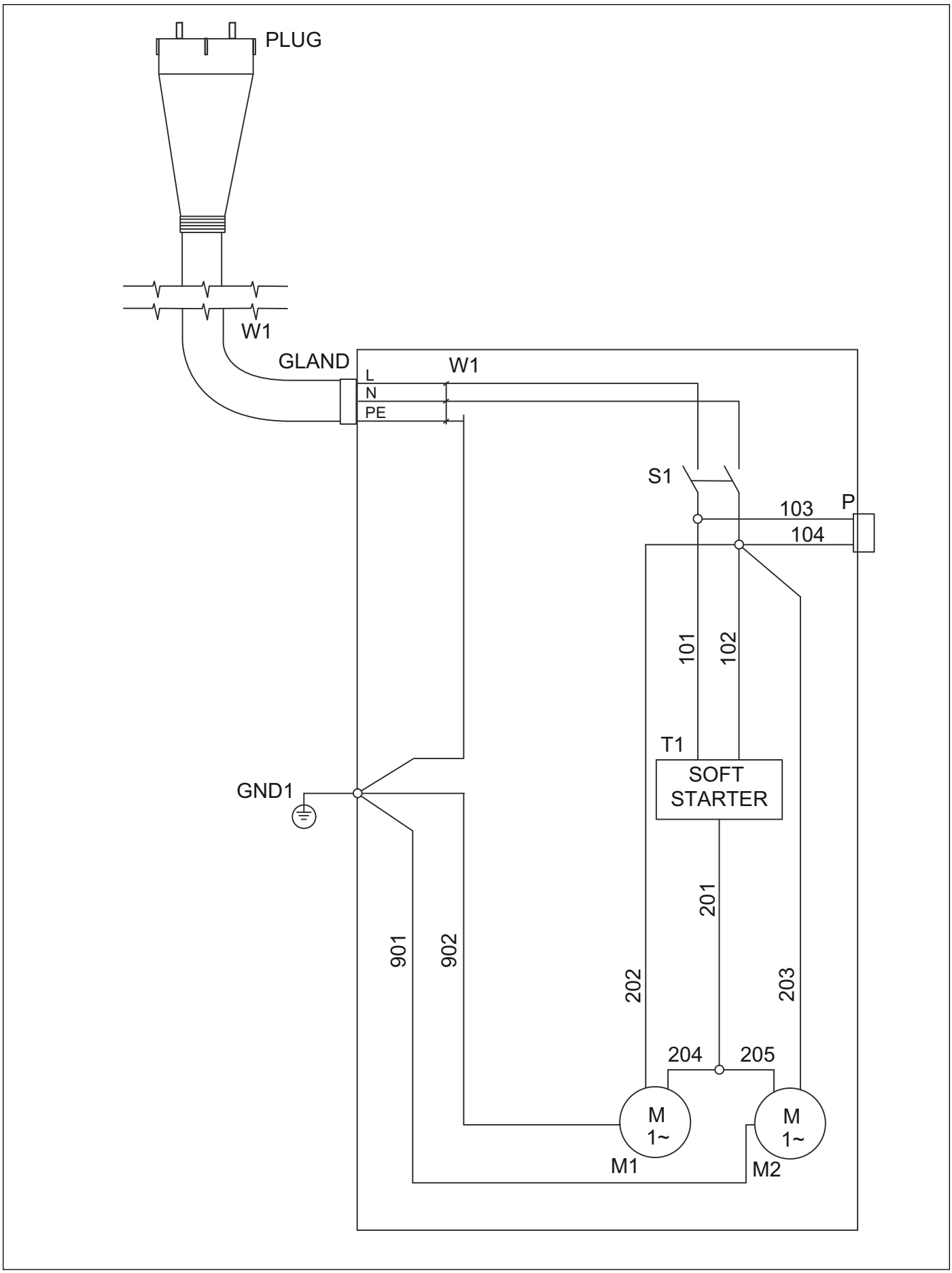
10.5 Electrical diagram (S 26), 230 V, 50 Hz with filter 590427201



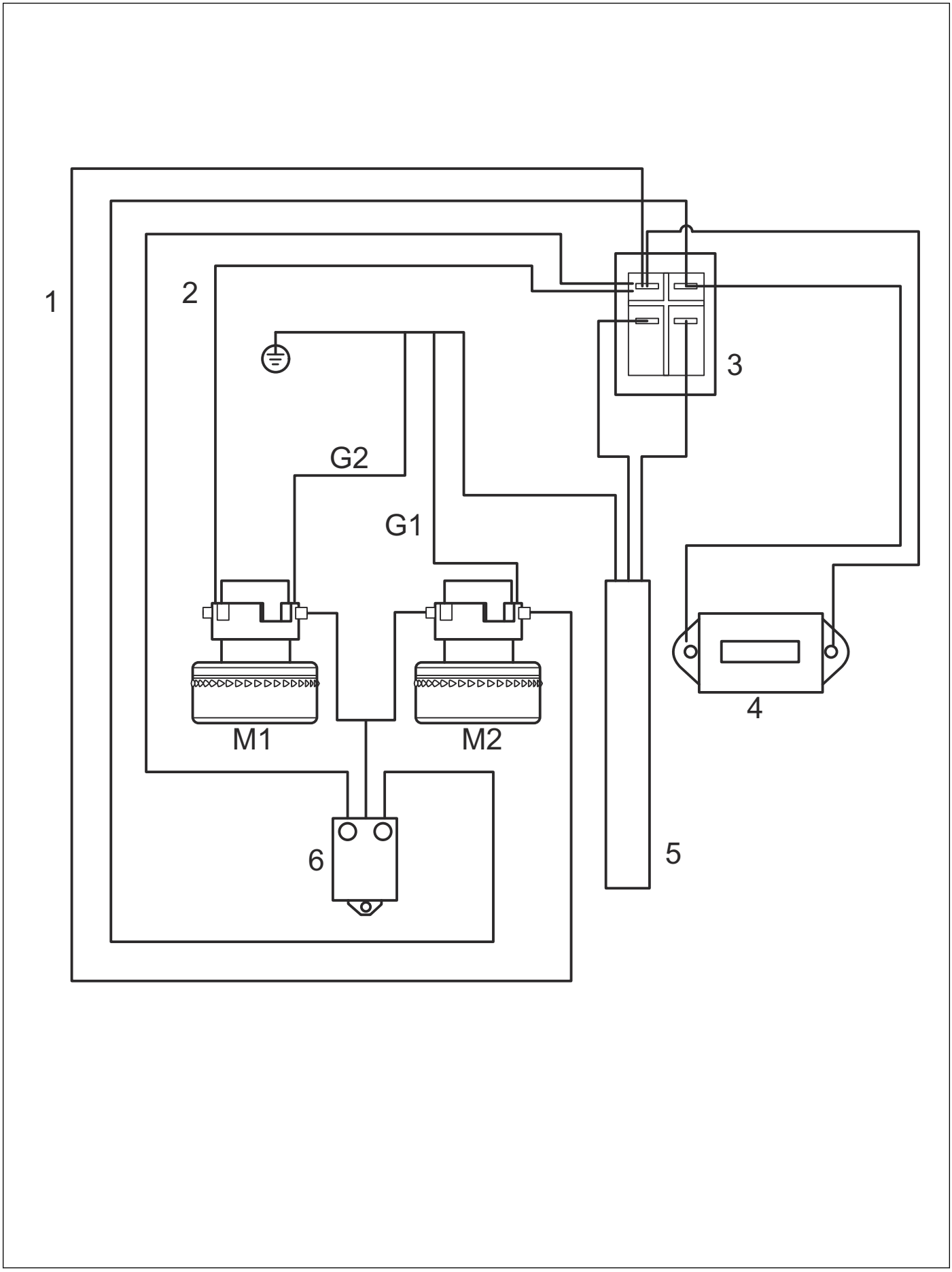
10.6 Electrical diagram (S 26), 230 V, 50 Hz with filter 548068901



10.7 Electrical diagram (S 26), 110 V

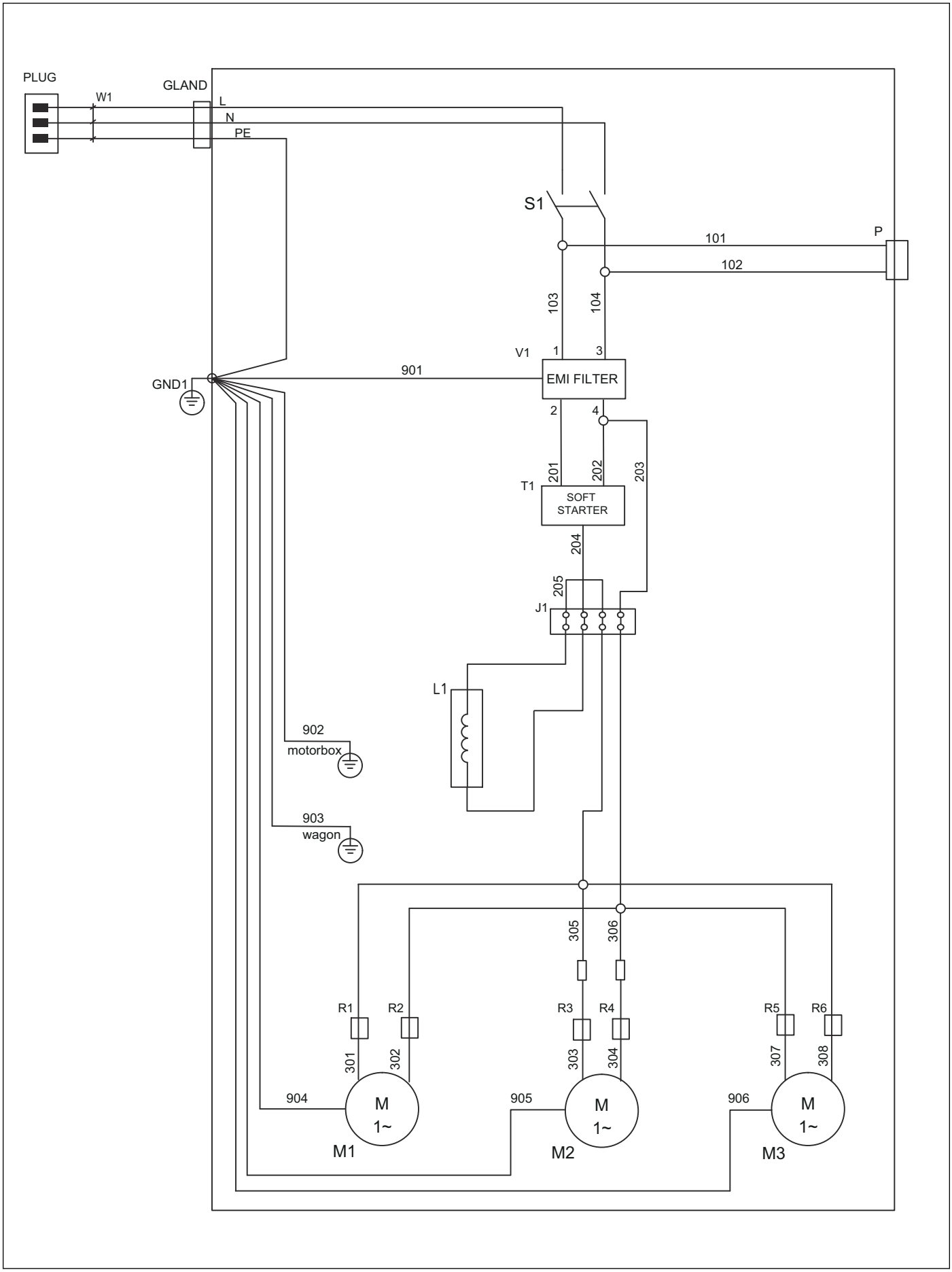


10.8 Electrical diagram (S 26), 120 V

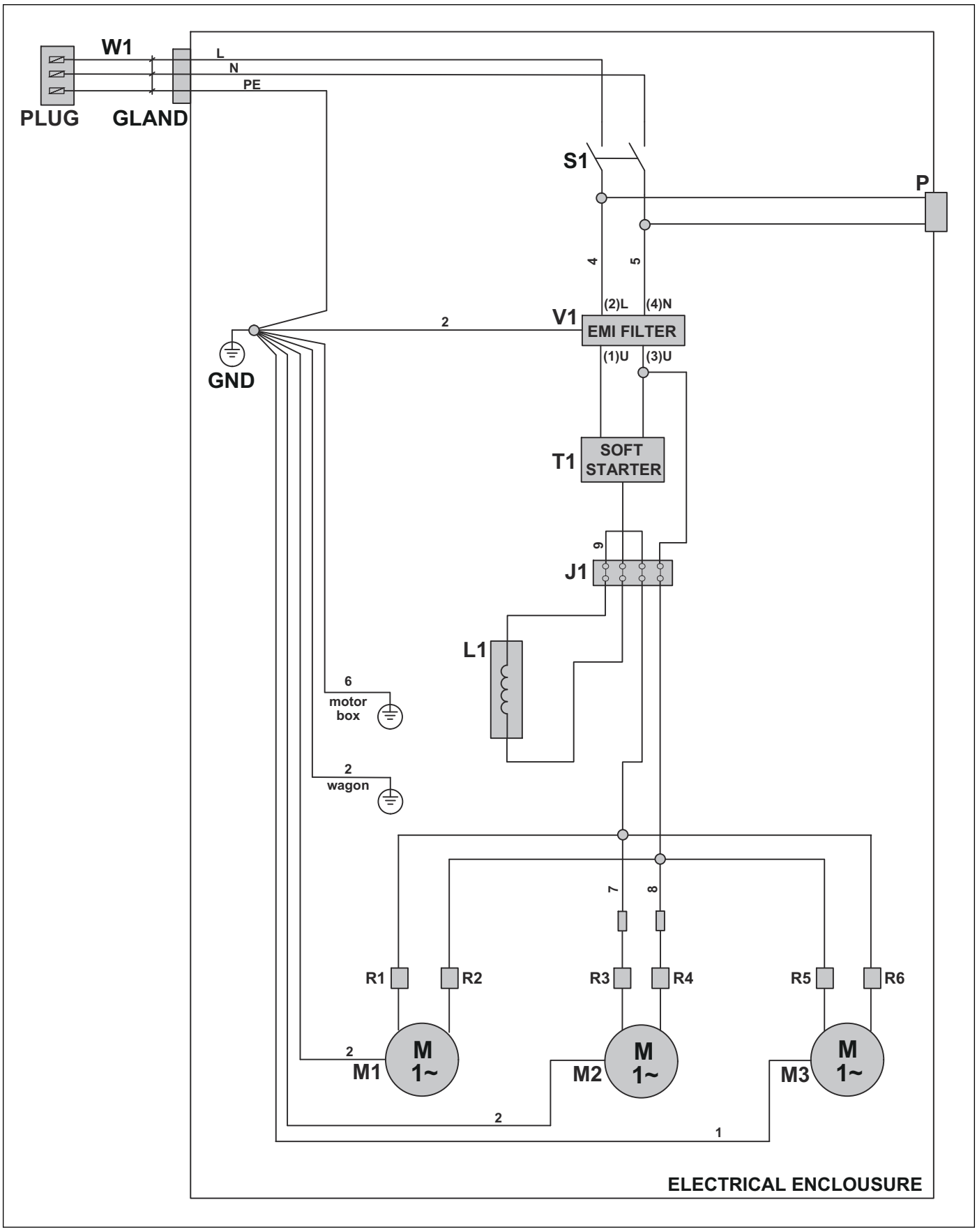


Item	Description
1	Black cable AWG16 300 mm
2	Black cable AWG16 300 mm
3	Switch
4	Hour meter
5	Power inlet
6	Soft start unit 120 V
G1	Ground wire 520 mm
G2	Ground wire 520 mm

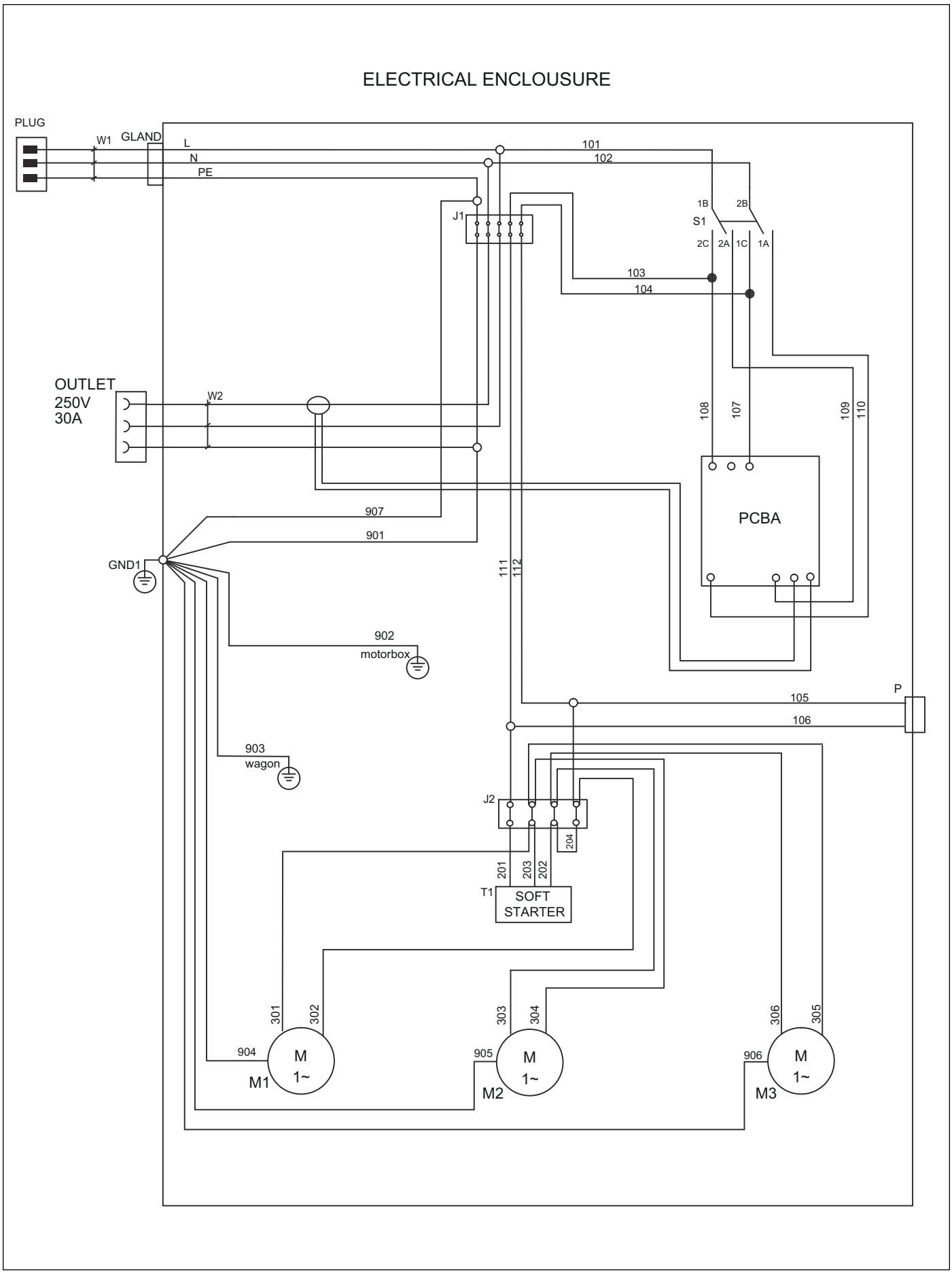
10.9 Electrical diagram (S 36) with filter 590427201



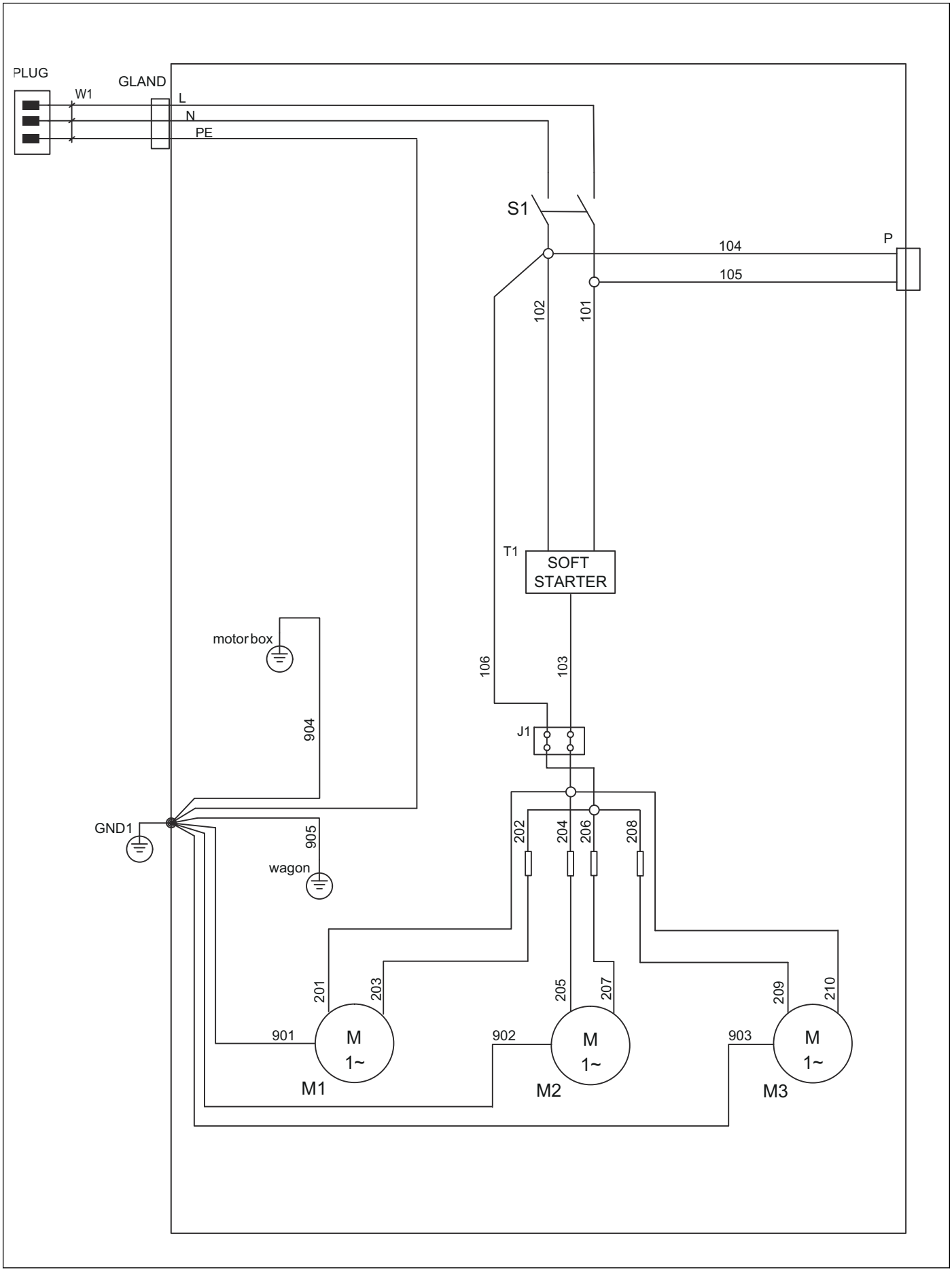
10.10 Electrical diagram (S 36) with filter 548068901



10.11 Electrical diagram (S 36)



10.12 Electrical diagram (S 36) US, 120 V



11.1 Technical data

Data	S 13 [220 - 230V]	S 26 [220 - 230V]	S 36 [220 - 230V]	S 13 [110 - 120V]	S 26 [110 - 120V]
Rated Voltage (1 phase), V	220 - 230	220 - 230	220 - 230	110 - 120	110 - 120
Frequency, Hz	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60
Power (max), kW (HP)	1.2 (1.6)	2.4 (3.2)	3.6 (4.8)	1.2 (1.6)	2.4 (3.2)
Current (max), A	5	9	14	8	16
Airflow (max), m³/h (cfm)	200 (118)	400 (236)	600 (354)	219 (129)	438 (258)
Vacuum (max), kPa (psi)	22 (3.2)	22 (3.2)	22 (3.2)	24 (3.5)	24 (3.5)
Main hose length, m (ft)	4 (13)	7.5 (25)	10 (33)	4 (13)	7.5 (25)
Main hose diameter, mm (in.)	38 (1.5)	51 (2)	63 (2.5)	38 (1.5)	51 (2)
Inlet diameter, mm (in.)	38 (1.5)	63 (2.5)	63 (2.5)	38 (1.5)	63 (2.5)
Auxiliary outlet	Yes	No	No	No	No
Max load Auxiliary outlet, W	1200	N/A	N/A	N/A	N/A
Pre-filter, % at 1µm	99.5	99.5	99.5	99.5	99.5
Pre-filter area, m^2 (ft^2)	1.5 (16)	3 (32)	4.5 (48)	1.5 (16)	3 (32)
HEPA 99,99% at 0.3 µm	1	2	3	1	2
Total HEPA area, m^2 (ft^2)	1.2 (13)	2.4 (26)	3.6 (39)	1.2 (13)	2.4 (26)
Dust collection system, type	Longopac	Longopac	Longopac	Longopac	Longopac
Filter Cleaning Mechanism	Jet Pulse	Jet Pulse	Jet Pulse	Jet Pulse	Jet Pulse
Dimensions (L*W*H), mm (in.)	680x400x1100 (26x15.8x43.3)	756x546x1275 (29x21.5x50.2)	830x620x1500 (32.5x24.5x60)	680x400x1100 (26x15.8x43.3)	756x546x1275 (29x21.5x50.2)
Weight, kg (lbs)	29 (66)	47 (105)	63 (140)	29 (66)	47 (105)
Sound power level L_{WA} measured, dB(A)[1]	87.3	92.4	99.9	87.3	92.4
Sound pressure level L_{PA} at the operators ear, dB(A)[2]	76	79.6	84.5	76	79.6
Vibration level a_h, m/s^2 [3]	≤2.5				

[1] Noise emissions in the environment measured as sound power (LWA) in conformity with EN 60335-2-69. Uncertainty Kwa 2dB.
[2] Noise pressure level according to EN 60335-2-69. Uncertainty KPA 2dB.
[3] Vibration level according to EN 60335-2-69. Reported data for vibration level has a typical statistical dispersion (standard deviation) of 1 m/s^2

11.2 Technical data

Data	S 26 [220 - 230V]	S 36 [220 - 230V]	S 13 [110 - 120V]	S 26 [110 - 120V]	S 36 [110 - 120V]
Rated Voltage (1 phase), V	220 - 230	220 - 230	110 - 120	110 - 120	110 - 120
Frequency, Hz	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60
Power (max), HP (kW)	3.2 (2.4)	4.8 (3.6)	1.6 (1.2)	3.2 (2.4)	3.2 (2.4)
Current (max), A	9	12	8	16	16
Airflow (max), cfm (m^3/h)	236 (400)	354 (600)	129 (219)	258 (438)	285 (485)
Vacuum (max), psi (kPa)	3.5 (24)	3.5 (24)	3.5 (24)	3.5 (24)	2.6 (18)
Water lift, in.	100	100	100	100	80
Main hose length, ft (m)	25 (7.5)	33 (10)	13 (4)	25 (7.5)	33 (10)
Main hose diameter in. (mm)	2 (51)	2.5 (63)	1.5 (38)	2 (51)	2.5 (63)
Inlet diameter in. (mm)	2.5 (63)	2.5 (63)	1.5 (38)	2.5 (63)	2.5 (63)
Auxiliary outlet	No	Yes	No	No	No
Max load Auxiliary outlet , W	N/A	3450	N/A	N/A	N/A
Pre-filter, % at 1µm	99.95	99.95	99.95	99.95	99.95
Pre-filter area, ft^2 (m^2)	32 (3)	48 (4.5)	16 (1.5)	32 (3)	48 (4.5)
HEPA 99,99% at 0.3 µm	2	3	1	2	3
Total HEPA area, ft^2 (m^2)	26 (2.4)	39 (3.6)	13 (1.2)	26 (2.4)	39 (3.6)
Dust collection system, type	Longopac	Longopac	Longopac	Longopac	Longopac
Filter Cleaning Mechanism	Jet Pulse	Jet Pulse	Jet Pulse	Jet Pulse	Jet Pulse
Dimensions (L*W*H), in. (mm)	29x21.5x50.2 (756x546x1275)	32.5x24.5x60 (830x620x1500)	26x15.8x43.3 (680x400x1100)	29x21.5x50.2 (756x546x1275)	32.5x24.5x60 (850x620x1500)
Weight, lbs (kg)	105 (47)	144 (65)	66 (29)	105 (47)	140 (63)
Sound power level L_{WA} measured, dB(A)[4]	87.3	92.4	99.9	87.3	92.4
Sound pressure level L_{PA} at the operators ear, dB(A)[5]	76	79.6	84.5	76	79.6
Vibration level a_h, m/s^2[6]	≤2.5				

[4] Noise emissions in the environment measured as sound power (LWA) in conformity with EN 60335-2-69. Uncertainty Kwa 2dB.

[5] Noise pressure level according to EN 60335-2-69. Uncertainty KPA 2dB.

[6] Vibration level according to EN 60335-2-69. Reported data for vibration level has a typical statistical dispersion (standard deviation) of 1 m/s^2

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