

New Unit Information



VC 6100

VC 6200

VC 6300

1.195-...

General

- Maximum air hygiene due to HEPA 12 filter.
- Automatic cable retractor.
- Filter bag volume of 4.0 l.
- Kärcher QuickClick system for fast and easy changing of floor tools and accessories.
- Kärcher EasySlider system with 360° rotary disc for passing around objects.
- Ergonomic handle with soft components.

Vacuum system

- Suction motor (VC 6100 1800 Watt/VC 6200 and 6300 2000 Watt).
- Motor protection and exhaust air filter.
- Filter change indicator.
- Rotary knob to adjust the suction strength (VC 6100/VC 6200); LED's suction strength indication (VC 6300).

Electrics

- 7 m long mains cable.
- Remote control at handle for controlling the suction power and standby function (VC 6300 only).

Standard accessories

- Filter insert/motor protection filter.
- Conical suction hose (1.7 m, DN 35) with plastic elbow fitting.
- Telescopic suction tube.
- ComfoGlide floor tool.
- 1 HEPA 12 filter (99.5% separation efficiency).
- 1 bonded fabric filter bag (dust class M).
- Telescopic crevice tool.
- Upholstery tool.
- Furniture brush.

Special accessories

- Bonded fabric filter bag (5x).
- HEPA 12 filter.
- Mattress too.
- Parquet tool.
- Turbo tool.
- Turbo upholstery tool.

View from the front, VC 6100



- | | |
|---|--|
| 1 Suction hose | 10 Connection, suction hose |
| 2 Ergonomic handle with soft components | 11 Easy-Slider rotary disc |
| 3 False air slider | 12 Swivel castor (5x) |
| 4 Slider, suction tube adjustment | 13 ComfoGlide floor tool |
| 5 Pushbutton, cable retractor | 14 Foot-operated control, brushes |
| 6 Pushbutton, unit switch (S1) | 15 Foot-operated control, thrust force reduction |
| 7 Suction power control | 16 Quick-Click mechanism |
| 8 Accessory compartment | 17 Telescopic tube |
| 9 Cover, HEPA filter | |

View from the front, VC 6200



- | | |
|---|--|
| 1 Suction hose | 10 Connection, suction hose |
| 2 Ergonomic handle with soft components | 11 Easy-Slider rotary disc |
| 3 False air slider | 12 Swivel castor (5x) |
| 4 Collar, suction tube adjustment | 13 ComfoGlide floor tool |
| 5 Pushbutton, cable retractor | 14 Foot-operated control, brushes |
| 6 Pushbutton, unit switch (S1) | 15 Foot-operated control, thrust force reduction |
| 7 Suction power control | 16 Quick-Click mechanism |
| 8 Accessory compartment | 17 Telescopic tube |
| 9 Cover, HEPA filter | |

View from the front, VC 6300

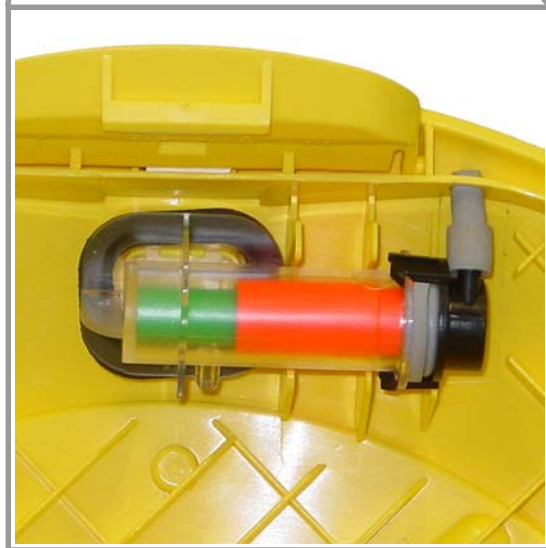


- | | |
|---|--|
| 1 Suction hose | 10 Connection, suction hose |
| 2 Ergonomic handle with soft components | 11 Easy-Slider rotary disc |
| 3 Remote control | 12 Swivel castor (5x) |
| 4 Collar, suction tube adjustment | 13 ComfoGlide floor tool |
| 5 Pushbutton, cable retractor | 14 Foot-operated control, brushes |
| 6 Pushbutton, unit switch (S1) | 15 Foot-operated control, thrust force reduction |
| 7 LED suction power indicator | 16 Quick-Click mechanism |
| 8 Accessory compartment | 17 Telescopic tube |
| 9 Cover, HEPA filter | |

Rear view



Mains cable

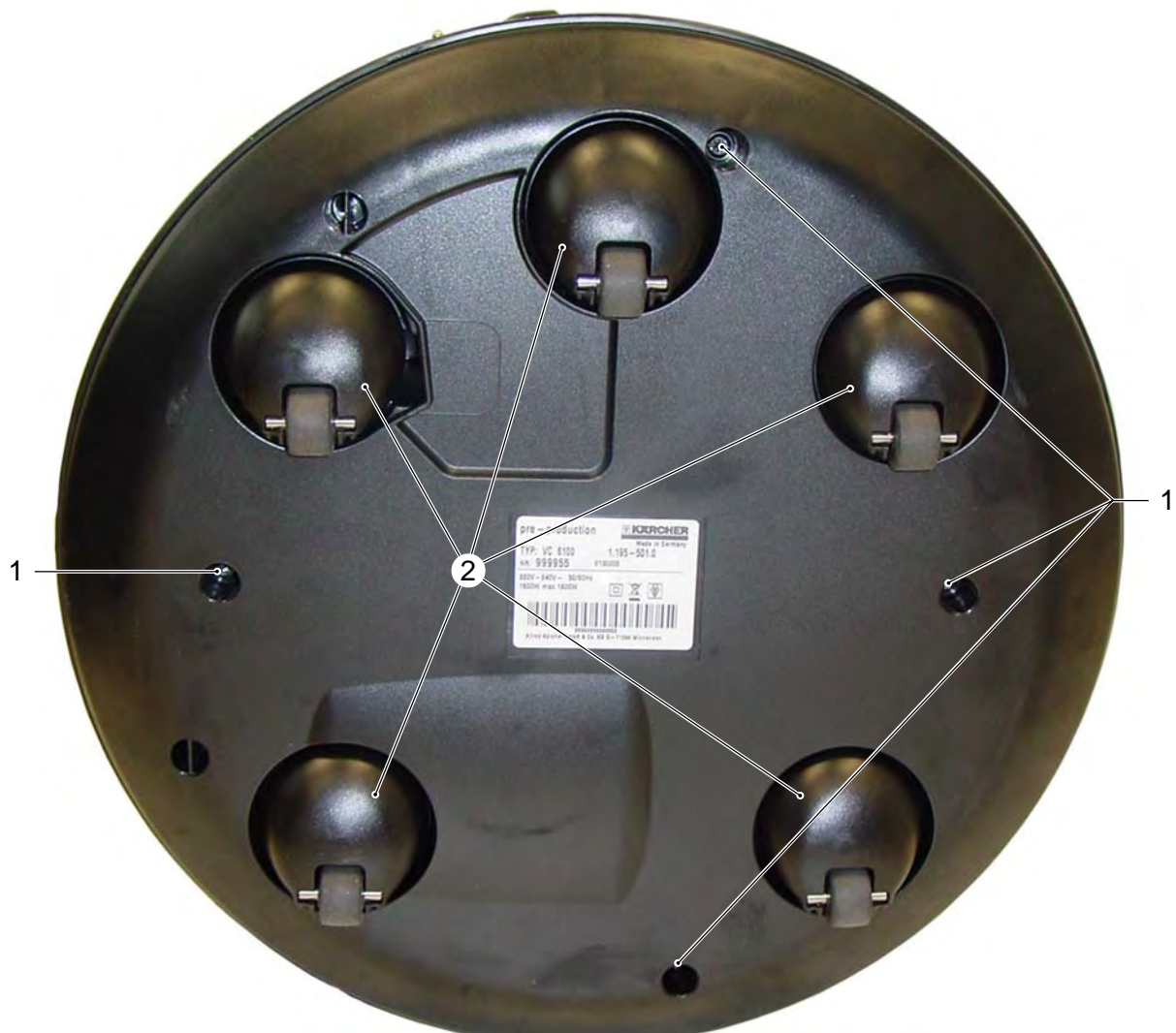


Filter change indicator (view from inside)

- 1 Pushbutton, unit switch
- 2 Release, suction chamber cover
- 3 Change filter indicator
- 4 Suction chamber cover
- 5 Easy-Slider rotary disc

- 6 ComfoGlide floor tool
- 7 Mains cable storage
- 8 Parked position, floor tool
- 9 Pushbutton, cable rewind
- 10 Mains cable

View from underneath



- 1 Housing screws
- 2 Swivel casters

Accessories



Crevice tool, extended

Accessories compartment, equipped

- 1 Accessory compartment
- 2 Bonded fabric filter bag
- 3 HEPA-filter
- 4 Crevice nozzle, telescopic
- 5 ComfoGlide floor tool
- 6 Upholstery nozzle
- 7 Furniture brush

Infrared remote control (VC 6300 only)*Infrared LEDs and battery compartment*

- 1 Ergonomic handle with soft components
- 2 Pushbutton, suction tube locking device
- 3 Infrared LEDs (3x)
- 4 Functional control LED (green)
- 5 Pushbutton, standby
- 6 Pushbutton, reduce suction power
- 7 Pushbutton, increase suction power
- 8 Cover, battery compartment

QuickClick system (floor tool)



Floor tool attached



Suction tube pushed into floor tool



Floor tool with suction tube swung out of bracket



Ready for use with floor tool

Attaching and removing the floor tool

To attach the floor tool (4) insert suction tube (1) into floor tool (4) and swing backwards in direction of the unit. This releases the floor tool (4) from the bracket (5) and it can be removed pulling upwards.

Attach the floor tool (4) in the reverse order.

In the attached position, the retention bracket (3) pushes back the latch lug (2), so that the suction tube can be pulled out from above.

- 1 Suction tube
- 2 Latch lug, suction tube
- 3 Retention bracket
- 4 Floor nozzle
- 5 Bracket

QuickClick system (accessories)



Accessories compartment open



Press suction tube with accessory downwards ...



... and swing backwards out of the bracket



Ready for use with accessory

Attaching and storing the accessories

To attach an accessory (4), open the cover of the accessories compartment (3) and insert the suction tube/handle (1) in the required accessory (4) up to the limit stop.

Swing the suction tube (1) with accessory (4) downwards out of the bracket. At the same time the latch lug (2) of the suction tube (1) snaps into the recess in the accessory (4).

Storing the accessory (4) in the reverse order. The retention arbor (5) pushes back the latch lug (2), so that the suction tube can be pulled out from above.

- 1 Suction tube
- 2 Latch lug, suction tube
- 3 Cover, accessories component
- 4 Accessory
- 5 Retention arbor

Remove bonded fabric filter bag and motor protection filter



Suction chamber cover open



Bonded fabric filter bag bracket hinged open



Bonded fabric filter bag removed



Motor protection filter removed

Remove bonded fabric filter bag and motor protection filter

The bonded fabric filter bag (4) is located under the suction chamber cover (2).

To remove/change the filter bag, press the locking device (5) downwards slightly and then open by moving outwards.

Pull out the bonded fabric filter bag (4) at the sealing shackle (6). This seals the opening.

Unclip the motor protection filter (7) moving outwards remove.

Note:

If the filter bag is incorrectly or not yet inserted, the locking pin (8) prevents the bonded fabric filter bag bracket (5) from snapping into position.

- 1 Release, suction chamber cover
- 2 Suction chamber cover
- 3 Seal, suction chamber
- 4 Bonded fabric filter bag
- 5 Locking device, bonded fabric filter bag bracket
- 6 Sealing shackle, bonded fabric filter bag
- 7 Motor protection filter
- 8 Locking pin

Motor protection filter insert

Change motor protection filter insert

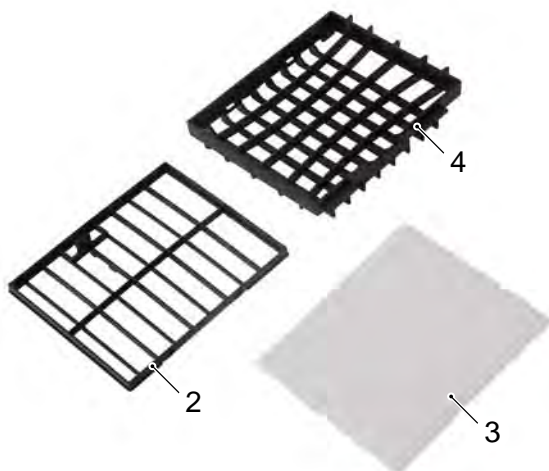
To change the motor protection filter insert, press in the upper section at the marked position (see arrow) and fold upwards to open. Replace motor protection filter insert (3), reassemble and reinstall the filter.



Motor protection filter



Motor protection filter, upper section opened



- 1 Motor protection filter, assembled
- 2 Upper section, motor protection filter
- 3 Filter insert, motor protection filter
- 4 Upper section, motor protection filter

Motor protection filter, disassembled

HEPA-filter

Changing the HEPA filter

The HEPA filter (4) is located underneath the accessories compartment (1) behind the exhaust air filter cover (2).

To remove/change, hinge open the exhaust air filter cover (2) to the side.

Press the HEPA filter locking device (5) downwards and remove the HEPA filter (4).



Exhaust air filter cover



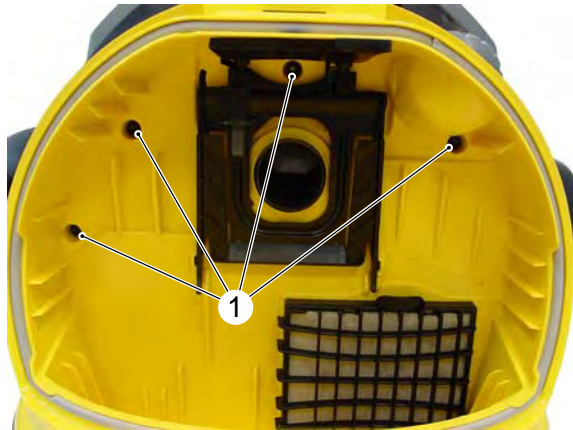
Exhaust air filter cover removed



HEPA filter removed

- 1 Accessory compartment
- 2 Exhaust air filter cover
- 3 Foam inlay, exhaust air filter cover
- 4 HEPA filter
- 5 Locking device, HEPA filter

Dismantling the housing



Housing screws, suction chamber



Housing screws, accessories compartment



Housing screws, bottom section

Dismantling the housing

To dismantle the housing parts, the screws in the suction chamber (1), in the accessories compartment (2) and on the upper section (5) must be first removed.

Open the suction chamber cover first and remove the bonded fabric filter bag (see page 12). Now the screws (1) can be removed.

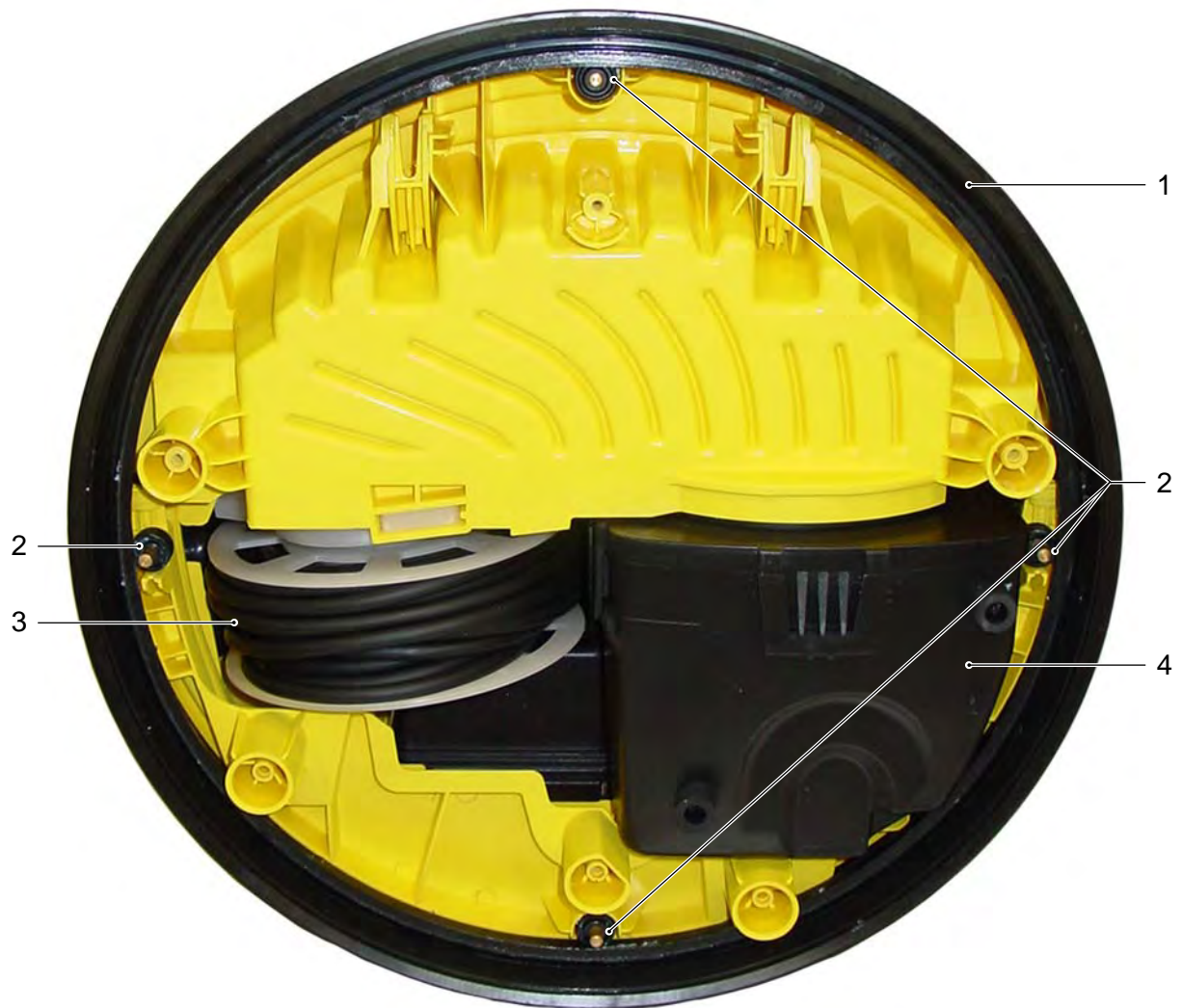
Before removing the screws in the accessories compartment (2), open the cover of the accessories compartment (3) and remove the accessories. Now remove the screws (2) and also the accessories compartment (4).

Remove the screws of the housing bottom section (5) and remove the bottom section.

Only now can you remove the yellow housing halves.

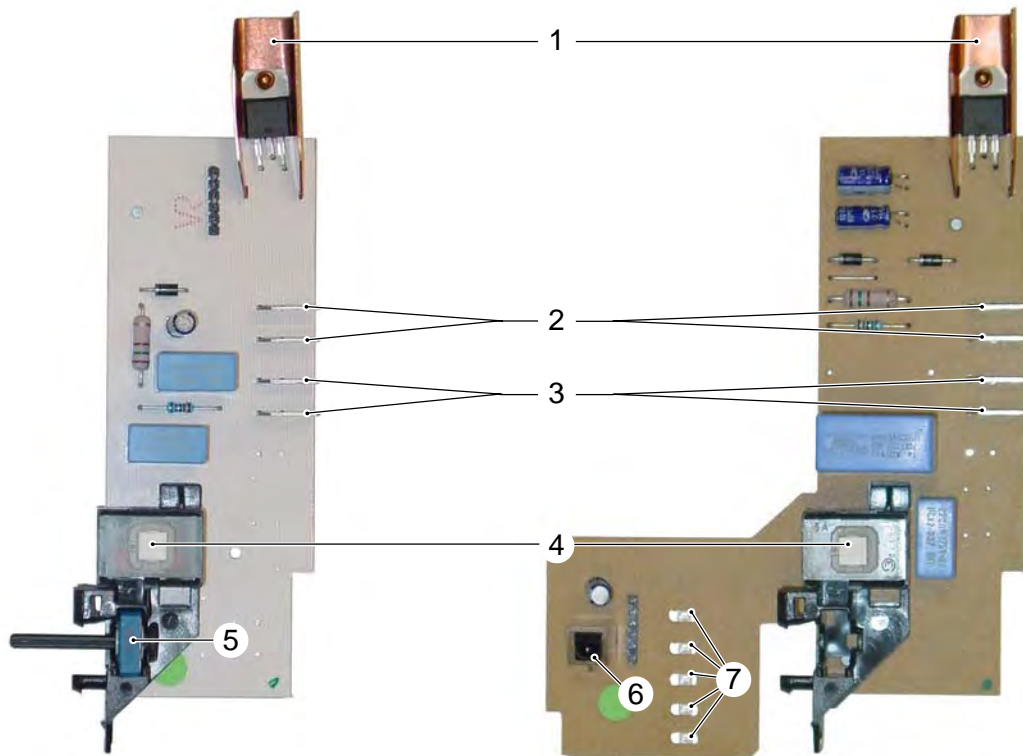
- 1 Housing screws, suction chamber
- 2 Housing screws, accessories compartment
- 3 Cover, accessories component
- 4 Accessory compartment
- 5 Housing screws, bottom section

View from underneath, bottom section removed.



- 1 Soft-Slider rotary disc
- 2 Roller bearing, Soft-Slider
- 3 Cable drum
- 4 Housing, suction motor

Printed circuit boards

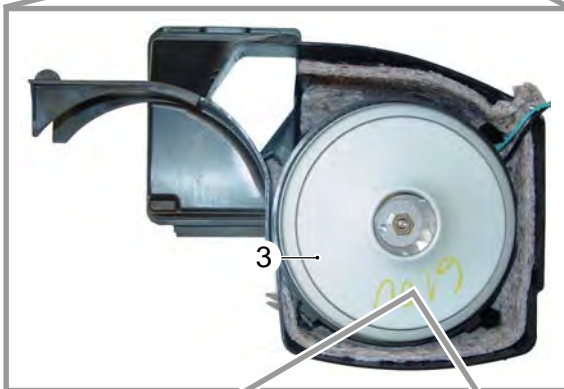
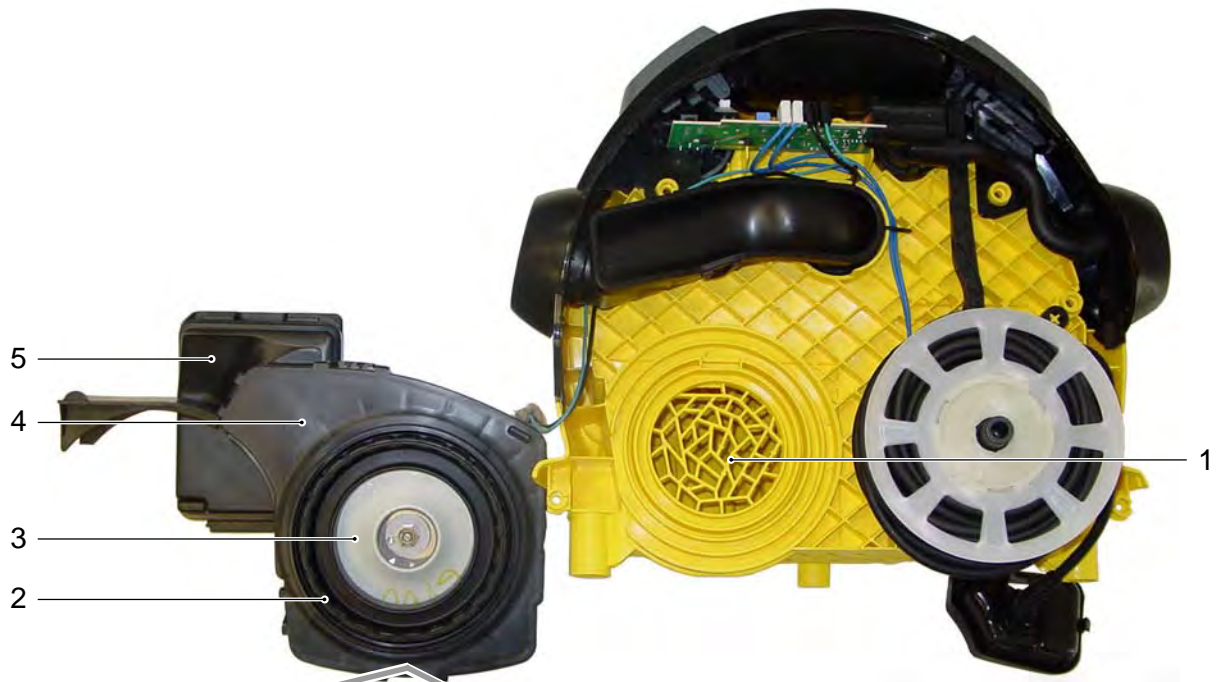


Printed circuit board, VC 6100 and VC 6200

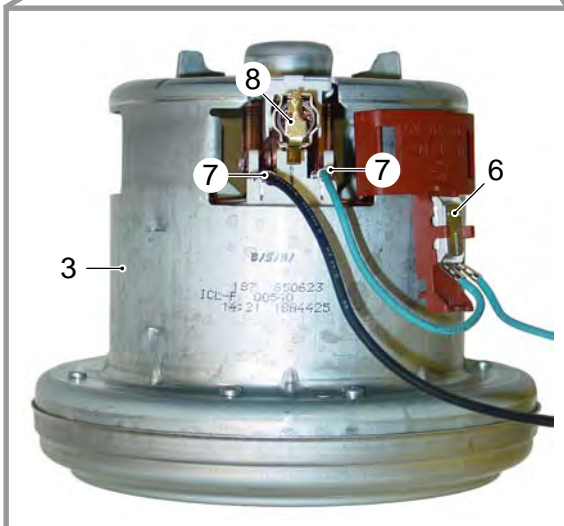
Printed circuit board, VC 6300

- 1 Cooling plate, transistor
- 2 Connection, suction motor
- 3 Connection, cable drum
- 4 Unit switch (S1)
- 5 Suction power regulator
- 6 Infrared receiver for remote control
- 7 LED's, suction power display

Suction motor removed

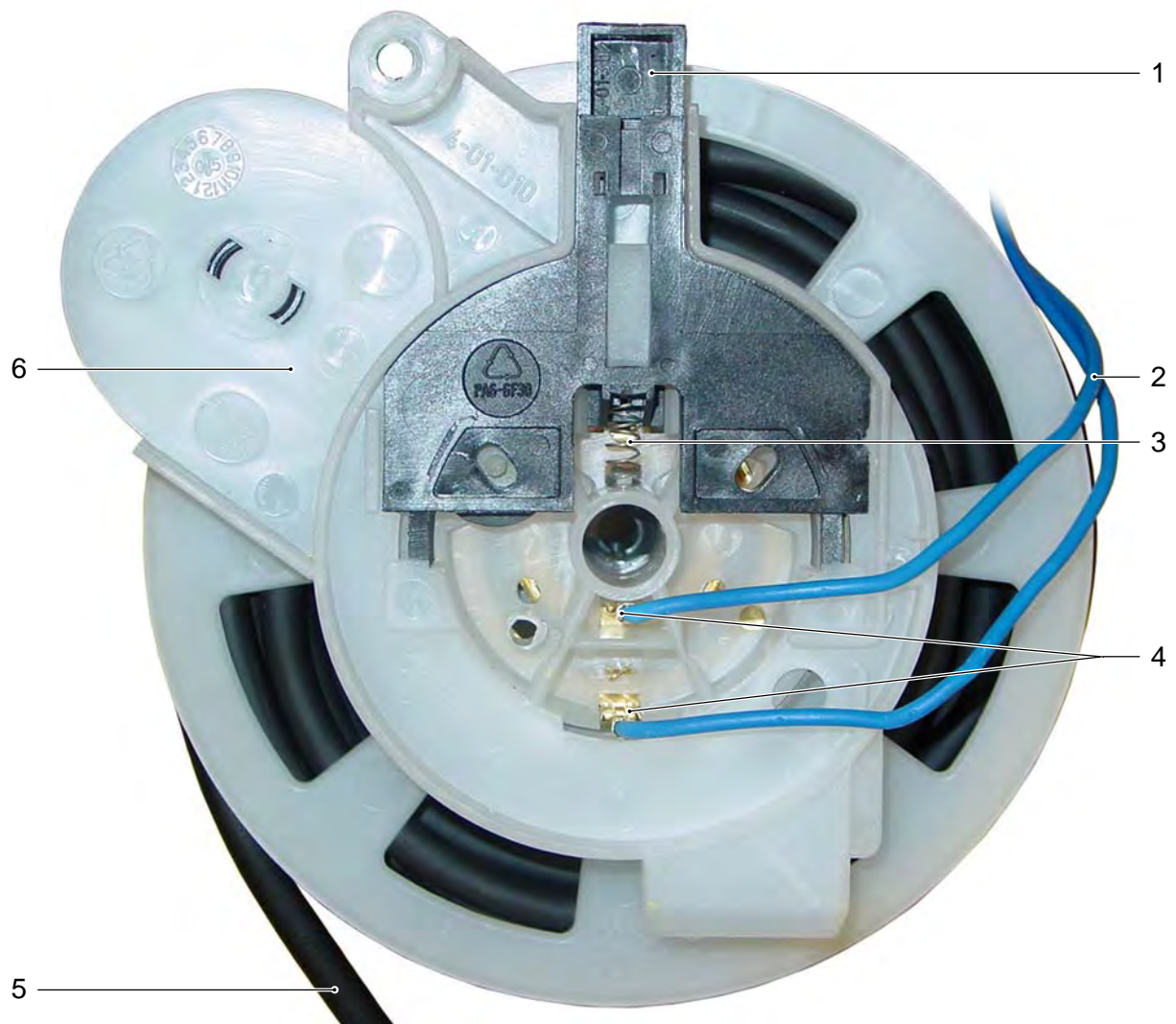


Housing removed



Suction motor

- 1 Suction chamber channel
- 2 Seal, suction motor housing
- 3 Suction motor
- 4 Housing, suction motor
- 5 Housing, HEPA filter
- 6 Thermal overload protection, motor (VC 6200 and VC 6300 only)
- 7 Connection, suction motor
- 8 Carbon brush

Cable drum, removed

- 1 Pushbutton, cable rewind
- 2 Connection wires
- 3 Return spring, brake
- 4 Connection, cable drum
- 5 Mains cable
- 6 Spring, cable retractor

Troubleshooting

Malfunction	Repair
Unit cannot be switched on	<ul style="list-style-type: none"> – Check cables, plugs, fuse, and socket. – Check/replace unit switch and printed circuit board.
Thermo overload protection has triggered	<ul style="list-style-type: none"> – Check/replace HEPA filter. – Check/clean/replace suction tool, suction tube. – Check/replace filter bag/motor protection filter.
Suction power inadequate	<ul style="list-style-type: none"> – Check/adjust suction power control setting. – Close false air slider on elbow fitting. – Check suction tool, suction tube and suction hose for blockage/ remove blockage. – Check/replace filter bag, motor protection filter and HEPA filter. – Correctly close housing cover.
Remote control not working (VC 6300 only)	<ul style="list-style-type: none"> – Check batteries (functional control LED on elbow mounting must light up when button is pressed)/replace. – Point in direction of vacuum with elbow fitting, check/establish visual contact between transmitter and receiver.
Dust comes out during vacuuming	<ul style="list-style-type: none"> – Check/correct installed position of filter bag, motor protection filter and HEPA filter/correct.

Technical specifications

Unit type	Unit No.	Circuit diagram	Operating instructions	Spare parts list
VC 6100 EU	1.195-501	0.088-860	5.961-384.0	5.970-360.0
VC 6100 CH	1.195-502	0.088-860	5.961-384.0	5.970-360.0
VC 6100 GB	1.195-503	0.088-860	5.961-384.0	5.970-360.0
VC 6200 EU	1.195-521	0.088-860	5.961-384.0	5.970-360.0
VC 6200 CH	1.195-522	0.088-860	5.961-384.0	5.970-360.0
VC 6200 GB	1.195-523	0.088-860	5.961-384.0	5.970-360.0
VC 6300 EU	1.195-541	0.088-860	5.961-694.0	5.970-539.0
VC 6300 CH	1.195-542	0.088-860	5.961-694.0	5.970-539.0
VC 6300 GB	1.195-543	0.088-860	5.961-694.0	5.970-539.0

The technical data sheet and circuit diagram are included on the next release of the spare parts CD-ROM (DISIS) and also in kaercher-inside (<https://kaercher-inside.com>).

The operating instructions and spare parts list can be ordered from the spare parts service as a paper copy if required, by quoting the relevant part number.

Special tools

No special tools are required.

Tightening torque

No information.