Service Service Service



FC8451/01

Philips Consumer Lifestyle

Service Manual

PRODUCT INFORMATION

- This product meets the requirements regarding interference suppression on radio and TV.
- After the product has been repaired, it should function properly and has to meet the safety requirements as officially laid down at this moment.

TECHNICAL INFORMATION

Colour : Deep red
 Power consumption : 1900 W
 Suction Power : 300 W
 Noise level : < 82 dBA
 Dustcapacity : 3 L

• Filtration system : Micro filter

S-bag

Usability

Action Radius : 9 mCord length : 5 m

• Handgrip : Extra long ergonomic

grip

• Accessory storage : Accessory holder on

telescopic tube

Weight and dimensions $(L \times W \times H)$:

Dimensions of product : 406 x 282 x 220 mm
 Dimensions packaging : 520 x 300 x 290 mm

• Weight : 4.2 kg

ACCESSORIES

Standard nozzle : All-purpose nozzleTubes : Telescopic tube

Accessories : Crevice and small nozzleAccessory storage : Accessory holder on tube

REPAIR INSTRUCTION

· No specific issues

OPTIONAL (accessories)

· No specific issues

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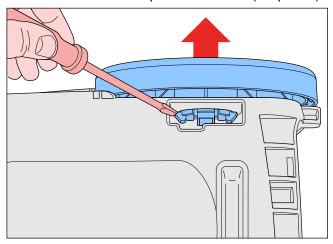
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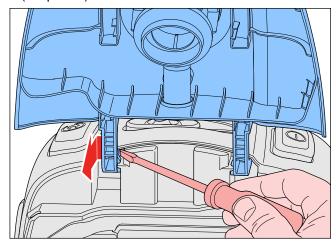
Subject to modification



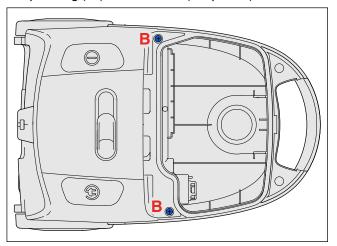
- First remove the dust bag.
- To replace the wheels (10), first turn the appliance upside down. To remove the wheel on the left side (seen from the backside), push with a screwdriver the nocks from the inside out, and pull the wheel out (see picture).



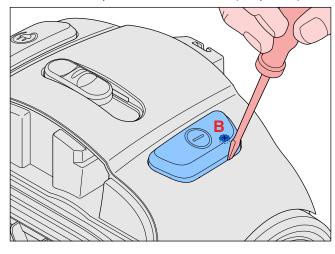
- To remove the wheel on the cordwinder side, pull the wheel with great force from the lower housing.
 To place a wheel, click the wheel into the lower housing.
- To reach te inner parts for repair, the top housing (15) has to be removed.
- Remove the dustcover assy (1) using a screwdriver (see picture).



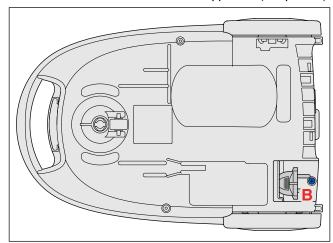
 When the dustcover has been removed, 2 of the 4 screws B that need to be unscrewed to disassemble the tophousing (15) are accessible (see picture).



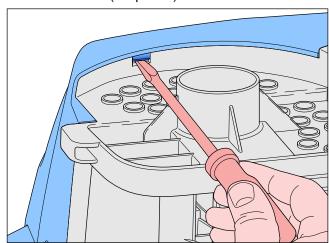
• The 3th screw **B** is hidden under the On/Off pedal (12), to remove the pedal use a screwdriver (see picture).



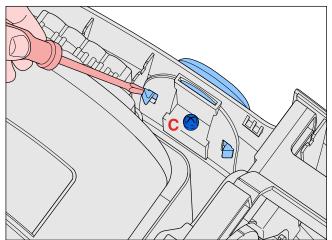
 Finally the last screw B that need to be removed is situated at the bottom side of the appliance (see picture).



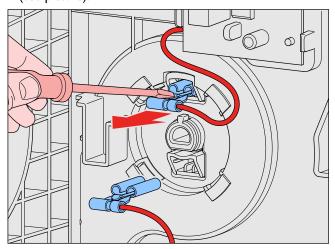
 To separate the top housing from the bottom housing release the snap connection behind the wheel at the cordwinder side (see picture).



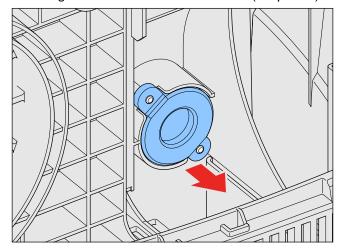
• To replace the parkhook (13), first remove Screw C, then by pushing the two lips with a screwdriver the parkhook can be removed (see picture).



 To replace the cordwinder (20), first remove the wires, the locks can be unlocked with a screw driver (see picture).



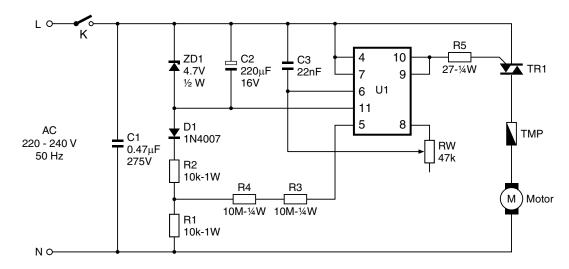
 The safety valve assy (21) can be clogged with dust, it can be easily taken out and replaced after the tophousing has been removed, it must be done from inside the bottom housing where the cordwinder is situated (see picture).



- When replacing the motor, make sure that the two red wires are placed underneath the motor.
- To replace the caster assy (II), squeeze the 2 dividers in the middle of the hole of the caster arm together with pliers, at the same time pull the caster assy off (see picture). The new caster assy can be snapped on in one single move.



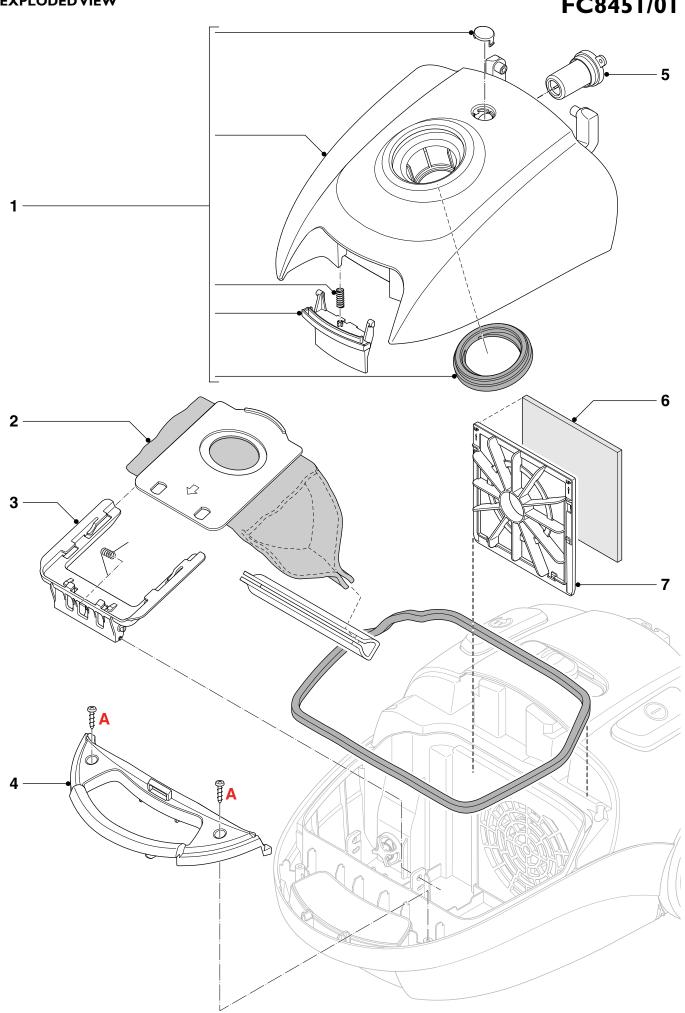
ELECTRICAL DIAGRAM

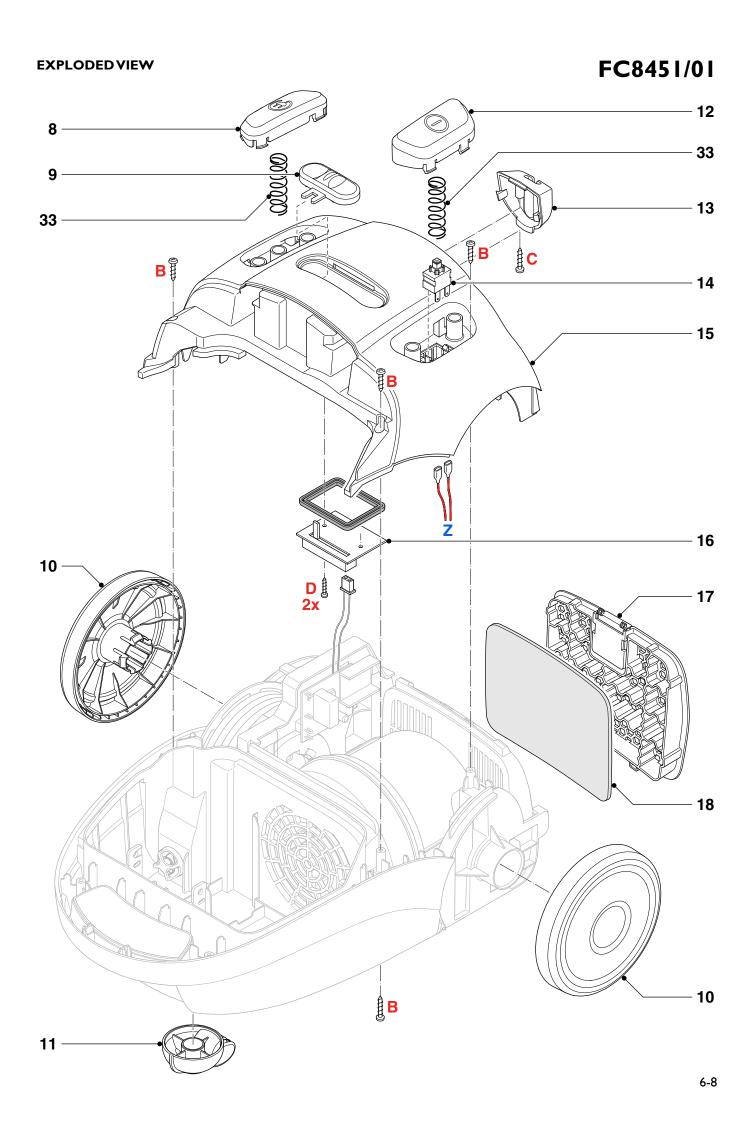


Pos	Service code	Description	Remark
1 2 3 4 5	9965 100 51982 4322 004 93701 9965 100 52011 9965 100 51979 9965 100 52007	Dust cover assy Reusable dustbag* Dustbag holder Cover for handle Dustbag full indicator	Deep red
6 7 8 9	4322 004 93671 9965 100 52003 9965 100 51985 9965 100 51995 9965 100 52004	Motor protector filter Inlet filter frame Cordwinder pedal (with spring) Slide knob Wheel assy	Hare Deep black Deep black Deep black
11 12 13 14 15	9965 100 52008 9965 100 51981 9965 100 51984 9965 100 69356 9965 100 54232	Caster assy On/Off pedal Park hook Switch Top housing	Deep black Deep black Deep red Deep red
16 17 18 19 20	9965 100 52001 9965 100 52005 4322 004 93681 9965 100 52014 4322 005 33101	Potmeter PCBA Outlet grille Exhaust micro filter Cordwinder lever Cordwinder 5 m EU plug	Hare Hare
21 22 23	9965 100 57888 9965 100 52929 9965 100 54028 4322 006 24691 9965 100 57887	Cordwinder assy Korean plug Safety valve Bottom housing PCBA 220 - 230 V PCBA for Korea	Deep black Hare
26 27 28 29 30	4322 006 99141 4322 004 24521 4322 004 24511 4222 459 46621 4222 459 46641	Motor 230 V / 50 - 60 Hz (1800 W) Telescopic tube Hose assy Small nozzle Crevice nozzle	Kingclean Aluminium Dark raven 80236
3 I 33	4322 004 24531 9965 100 52009	All floor nozzle Plastic plate Springs of the buttons	Dark raven 80236

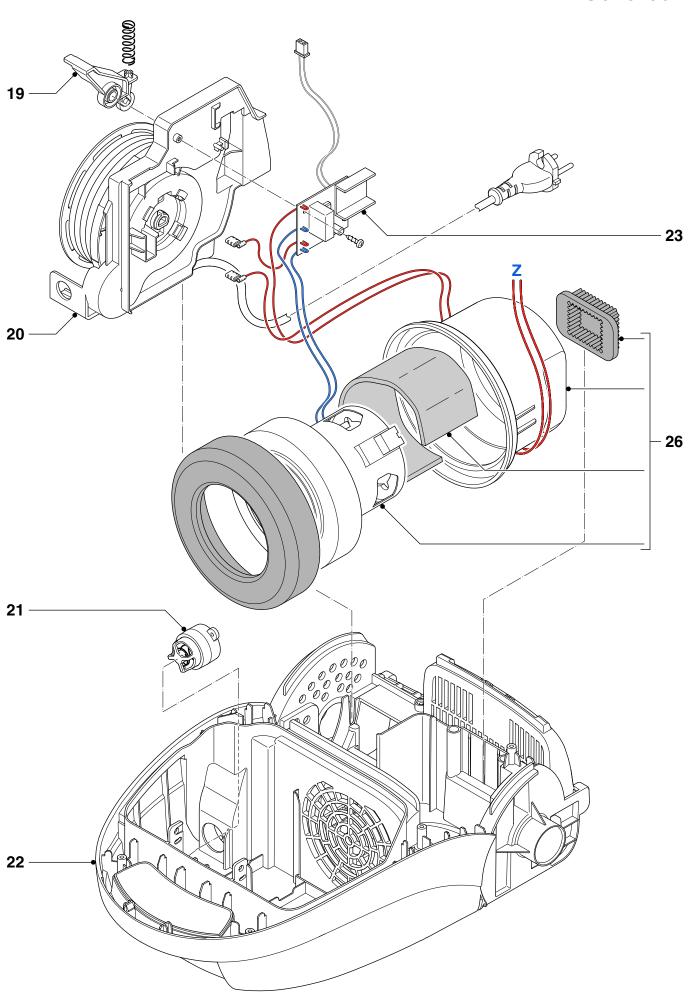
 $^{^{}st}$ Only in specific versions

FC8451/01 **EXPLODED VIEW**





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FC845 I/0 I

