



Philips Domestic Appliances and Personal Care

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 : 1600W
(IEC) 230V
- Maximum Air displacement : 37 l/s
- Vacuum : 280 mbar / 28.0 kPa
- Type number dustbag : FC8021
- Duststorage capacity : 3 L
- Cord length : 7 m
- Filter system : 5 Layer
Ultra Filtration System:
 - Double layered compatible S-bag™
 - 2 layer permanent motor protection filter
 - Super clean air exhaust filter
- Dimensions of cleaner : 252 x 299 x 457 mm
- Dimensions of packaging : 580 x 375 x 280 mm

ACCESSORIES

- Nozzle : All purpose wheeled nozzle
- Tubes : Metal lacquered telescopic tubes
- Accessories : Brush and crevice nozzle
- Accessory storage : Accessory clip on tube
- Coupling : Conical coupling

OPTIONAL (accessories)

- FC 8021 : S-bag Classic
- FC 8022 : S-bag Clinic
- FC 8023 : S-bag Anti-Odour
- FC 8024 : S-bag Long Performance
- FC 8032 : Super Clean Air filter,
High-Flow AFS exhaust filter

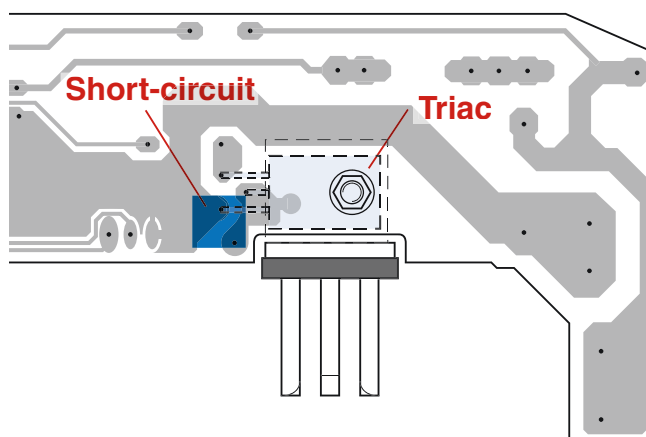
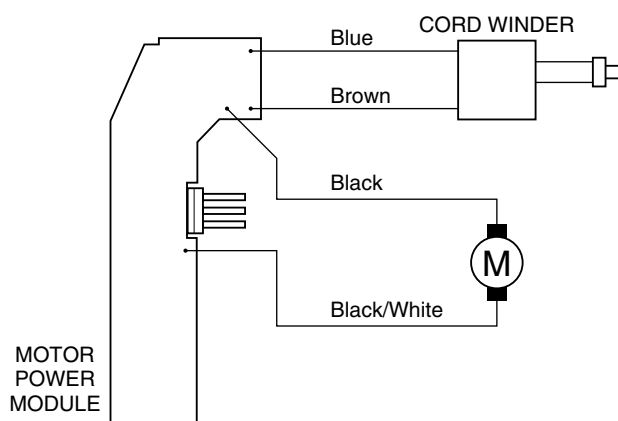
DISASSEMBLY- AND RE-ASSEMBLY ADVISE

- Open the appliance, first pull off the vario knob button, then remove the ring under the knob, after that screw (A) under the vario knob can be removed with a screwdriver.
- After removing the filtercover the second screw (B) for releasing the backpanel can be removed.
- The dustcover, button panel, bumper and the PCB's can now easily be removed.
- The upperhousing (dustchamber + motorhousing) can be released by removing 6 screws (C).
- The wires for the motor are placed under the sealing ring of the motor.
- The sealing ring is placed in two grooves, which are made in the lower housing.
- When you re-assemble then make sure that the wires for the motor are placed underneath the sealing ring.

REPAIR INSTRUCTION

- Cotton dustbags, are used in countries in which paper dustbags are not available.
- If the reel half spring unit is replaced, shaft F must be lubricated with **silicone grease**. Do not apply any silicone grease to or spill any grease on terminals (26) or conductors (25).
- The cord winder spring must be tensioned to the maximum level and then be rewound approx. 1.5 turn.
- **Item 8**, air valve, opens to cool the motor if the air displacement is too low or if the airflow is blocked.
- If the function of the electronic control unit is not required, the Triac must be short-circuited in the manner shown in the circuit diagram.
- When the vacuum cleaner is used to suck up fine dust the pores of the dustbag may become clogged, causing the passage of air through the dustbag to become obstructed. As a result, the dustbag-full indicator will indicate that the dustbag needs to be replaced, even though the dustbag is not full at all.

ELECTRICAL DIAGRAM



Pos	Service code	Description
1	4341 009 00840	Dustcover assy Deep red
2	4322 000 38830	Duo filter
3	4322 003 26070	Inlet grille
4	4322 003 25850	Dustbag carrier
5	4322 003 25960	Back grille Deep red
6	4322 003 25950	Turn knob Deep red
7	4322 003 25940	Turn knob base
8	4322 005 18050	DBF assy
9	4322 006 22960	PCB assy 220 - 240 V 50/60 Hz
9a	4341 003 02390	Switch lever
9b	4322 003 11730	Adjuster
10	4322 001 73480	Dustchamber seal
11	4322 005 18090	Back panel pr. Deep red
12	4322 003 25900	Bumper back
13	4322 003 25910	Buttons
14	4322 003 25830	Cord outlet
15	4322 000 09970	Button spring
16	4322 003 25840	Upper housing
17	4322 001 73440	Motor buffer front bl.
18	4322 006 97670	ANS 1451 230 Ultramid

Pos	Service code	Description
19	4322 000 38780	Silencer 3 compas bl.
20	4322 001 73470	Motorpot seal
21	4322 003 25800	Lower housing Deep red
22	4322 001 72900	Buffer
23	4322 005 17840	Caster assy
24	4322 005 18670	Reel half spring unit
25	4322 005 17430	Reelh. cordside assy
26	4322 005 17910	Contact plate assy
27	4322 006 01720	U.K. / H.K. L = 9.3 m
28	4322 006 01410	Euro 4.8 mm pins L = 9.3 m
29	4341 005 01240	Bend handle
30	4341 004 20420	Hose assy extruded
31	4341 004 20170	Crevice nozzle 118 conical
32	4341 003 02470	Acc. clip exp.
33	4341 004 20100	Small nozzle assy conical
34	4322 004 23160	RD 262 neutr. conical/hook
35	4322 004 23170	Telescopic tube, laq, conical
36	4322 004 91010	Electr. filter
37	4322 005 18070	AFS support assy

