

Service
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Philips Consumer Lifestyle

Service Manual

PRODUCT INFORMATION

Iron

- SteamGlide soleplate
- Steam rate max. 110 g/min
- Steam boost max. 120 g/min
- 2 dot heat up time < 75 sec

Stand

- Rotary power on knob
- Inox boiler pressure max. 5 bar
- Time to steam < 2 min
- 3 level steam selection
- Hose cord storage hook
- Cord set storage compartment
- Hose cord length 1.9 m
- Power cord length 1.8 m
- Detachable iron resting mat
- Iron carry lock
- Water tank empty light
- Detachable water tank capacity 1.6 L
- Anti calc cartridge in water tank
- ECO steam setting

EMF & Service Information

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

TECHNICAL INFORMATION

Voltage	: 220 - 240 V
Frequency	: 50 - 60 Hz
Power	- Iron : 800 W
	- Boiler : 1200 W
Dimension (F-box)	: 428 mm x 258 mm x 384 mm
Weight	: 5.3 kg

SteamGlide soleplate

This specially treated soleplate is designed with 2 distinctly different types of steam vents:

- Large vents for maximum crease removal
- Fine vents for best glide

Detachable iron resting mat

This is a heat resistant mat that can be detached from the tray. It allows you to place your iron horizontally on the ironing board.

Iron carry lock

Iron can be locked to the stand via a carry lock slide. This allows you to carry the whole appliance by the handle of the iron.

BACKPLATE 21

INLAY

SOS KNOB 10

LAMP ASSY

MICROSWITCH ASSY 4

HOSE CORD CABLE
ASSY 13

THERMOSTAT DIAL 20

HOUSING PRINTED 6

SUB-HOUSING

STEAM DEVIATOR ASSY 12

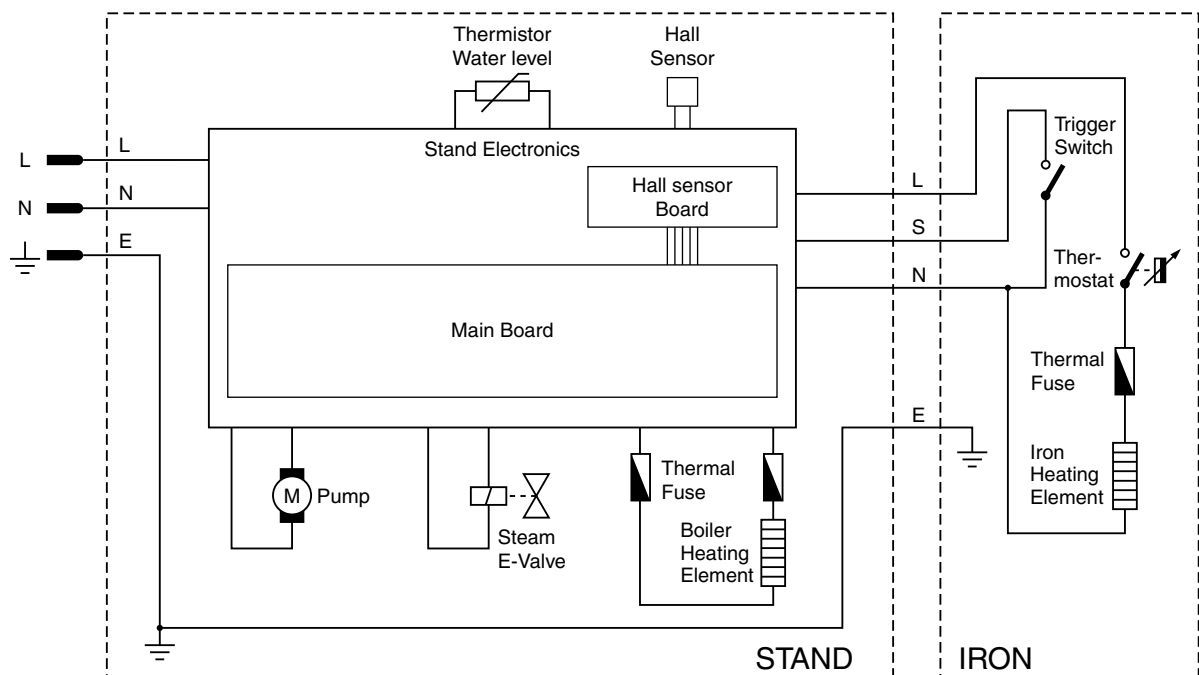
COVER SOS MOLDED 3

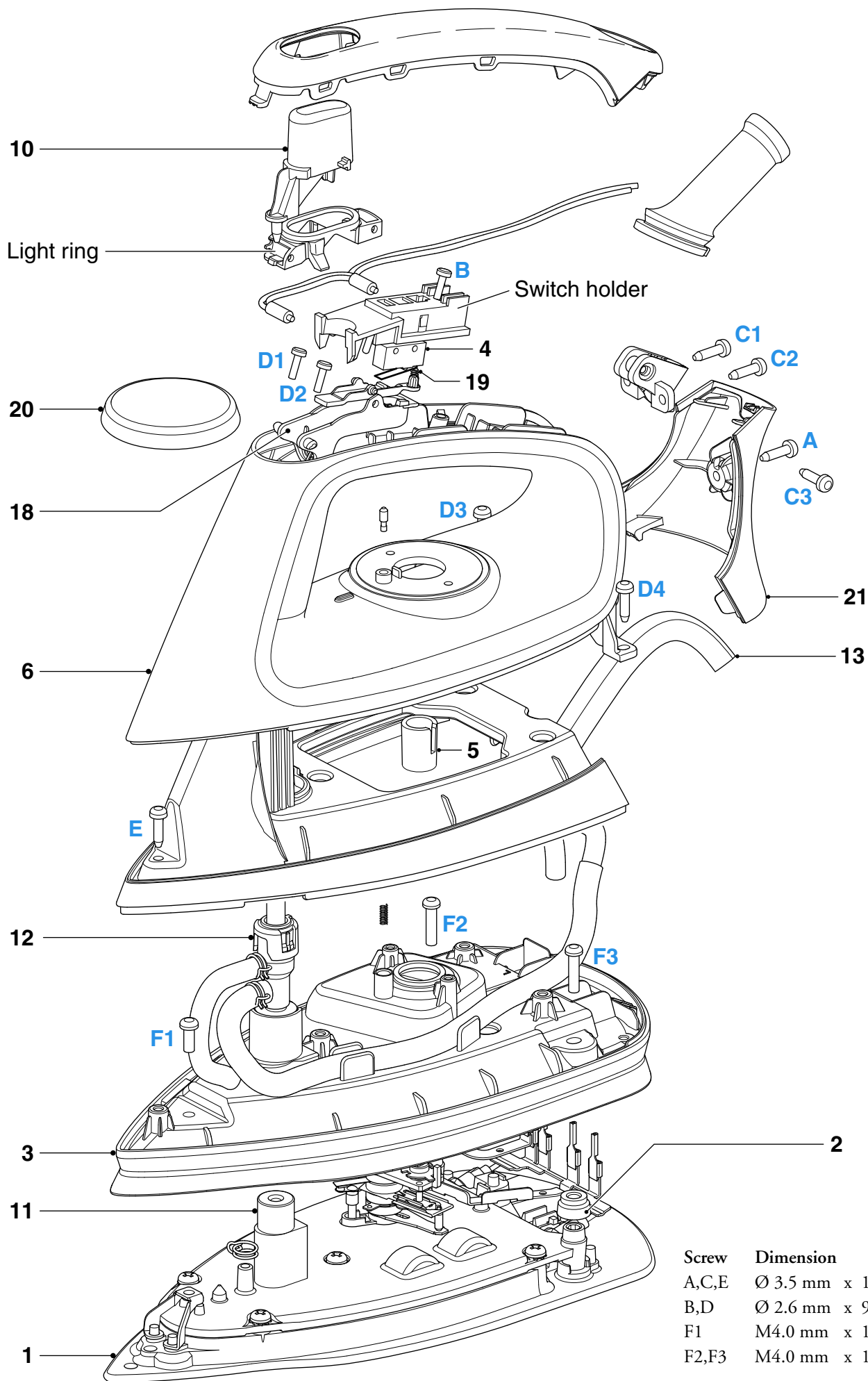
SOS SEAL 11

SOLEPLATE
MOUNTED ASSY 1

Remove	Screw A
Disassemble	BACKPLATE 21
Disassemble	INLAY
Disassemble	SOS KNOB 10
Disengage	Ribs of light ring
Disassemble	LAMP ASSY
Remove	Screw B
Disassemble	Switch holder
Disassemble	MICROSWITCH ASSY 4
Remove	Screws C1, C2, C3
Disassemble	HOSE CORD CABLE ASSY 13
Disassemble	THERMOSTAT DIAL 20
Remove	Screws D1, D2, D3, D4
Disassemble	HOUSING PRINTED 6
Remove	Screw E
Disassemble	SUB-HOUSING
Disassemble	STEAM DEVIATOR ASSY 12
Remove	Screws F1, F2, F3
Disassemble	COVER SOS MOLDED 3

Pos	Service code	Description
1	4239 021 51301	Soleplate assy 230 V
2	4239 015 70150	Ryton ring
3	4239 026 33651	Cover SOS molded
4	4239 021 44410	Micro-switch assy
5	4239 026 13220	Thermostat bush
6	4239 021 50091	Housing printed assy
10	4239 026 39811	SOS knob
11	4239 015 57400	SOS seal
12	4239 021 31780	Steam deviator assy
13	4239 021 50111	Hose cord mounted assy
18	4239 026 33951	Trigger SOS
19	4239 014 54690	Trigger spring
20	4239 021 50141	Thermostat dial printed
21	4239 026 33711	Backplate





DISASSEMBLY ADVICE - STAND

GC8510

Disassemble TRAY RUBBER CAP FRONT 52
 Disassemble TRAY RUBBER CAP REAR 51
 Remove Screws J1, J2, J3
 Disassemble TRAY 50
 Remove Screws K1, K2
 Disassemble STAND RIM, RUBBER FRONT LOCK 48
 Remove Screws L1, L2, M1, M2 and disengage all connectors on PCB
 Disassemble DISPLAY PANEL PRINTED ASSY 47
 Remove Screws U1, U2
 Disassemble REAR LOCK ASSY 58

Note:

For re-assembly, sequence is STAND TOP first, then DISPLAY PANEL PRINTED ASSY.

Disassemble INLET COUPLING PLATE
 Disassemble RINSE CAP ASSY 55, RINSE BUSH, RINSE RUBBER 53
 Remove Screws M3, M4, N1, N2
 Disassemble STAND TOP ASSY 43
 Remove Screw P
 Disassemble FLEX ASSY COMPARTMENT
 Remove Screws Q1, Q2
 Remove Cordset clamp
 Disassemble CORDSET 42
 Remove Screws R1, R2
 Remove Hose-cord clamp
 Disassemble HOSE CORD CABLE ASSY 13

Note:

Take note of the orientation on the hose-cord clamp

Remove Screws S1, S2, S3, S4
 Remove 2 x pump support plates
 Remove Inox clamp at boiler inlet collar
 Disengage 2 x wire connectors on PUMP ASSY 31
 Disassemble PUMP ASSY 31
 Remove Screws T1, T2
 Remove Nut for Earth wires
 Disassemble BOILER ASSY 39

PARTS LIST - STAND

Pos	Service code	Description
30	4239 021 48360	Stand bottom assy
31	4239 021 48380	Pump assy
35	4239 010 10260	Inox clamp
36	4239 015 58090	Boiler rubber support
37	4239 026 32180	Spacer bottom
38	4239 026 31640	Spacer top
39	4239 021 49090	Boiler assy
40	4239 017 09890	Electrovalve
42	4239 000 10790	Cordset EU
43	4239 021 50411	Stand top assy
44	4239 021 48570	Hall sensor PCBA assy
47	4239 021 50421	Display panel printed assy
48	4239 015 58831	Rubber front lock
50	4239 026 33931	Tray molded
51	4239 015 58761	Tray rubber cap rear
52	4239 015 58771	Tray rubber cap front
53	4239 015 58851	Rinse rubber
55	4239 021 50431	Rinse cap assy
56	4239 021 50441	Tank assy
57	4239 021 48540	Iron mat assy
58	4239 021 50451	Rear lock assy
59	4239 015 58201	O-ring
60	4239 026 42081	De-air valve

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