



Philips Consumer Lifestyle

# Service Manual

## PRODUCT INFORMATION

### Fast & powerful crease removal

- Soleplate: T-ionicGlide
- OptimalTemp Technology
- Steam output
- Vertical steam
- Steam pressure: Up to 5 bar
- Steam tip
- Power: 2400 W
- Steam boost: 220 g
- Continuous steam output: 120 g/min

### Easy to use

- Water tank capacity: 1500 ml
- Filling and emptying water: Extra large filling hole
- Refill any time
- Heat-up time: 2 min
- Hose storage: Hose storage compartment
- Cord storage: Cord clip
- Hose length: 1.6 m
- Safe for all fabrics: Even for delicates like silks
- Power cord length: 1.8 m

### Sustainability

- ECO setting: 30% energy reduction

### Calc management

- Calc clean solution: Demineralized water

### Safety 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 and legal regulations as officially laid down at this moment.

## TECHNICAL INFORMATION

Voltage	: 220 - 240 V
Frequency	: 50 - 60 Hz
Power	: 2800 W
Dimension (F-box)	: 400 (L) x 230 (W) x 280 (H) mm
Weight of iron	: 1.20 kg

### Demineralized water only

PerfectCare Pure is designed to be used only with demineralized or distilled water. Demineralized or distilled water prevent your appliance from scale damage, your appliance will deliver powerful and clean steam for very long. Tap water filtered by the Philips IronCare filtering jug works perfectly well. The product should not be used with tap water, perfumed water nor Brita filtered water.

### Compact and light

The compact design makes your appliance easy to storage. Space will never be an issue again! As it is very light, your appliance is easy to carry. Its light weight iron will make your ironing much more comfortable.

### OptimalTemp Technology

OptimalTemp Technology from the PerfectCare steam generator always delivers one perfect setting for all your clothes thanks to:

- Advanced Smart Control Processor
- Centrifugal steam chamber.

### Tested and approved by experts

Tested and approved by independent textile experts institutes.

INLAY 10
IRON PCBA 6
TRIGGER 9
CHASSIS 8
HOUSING & LIGHT RING ASSY 4
DOSING HEAD 2

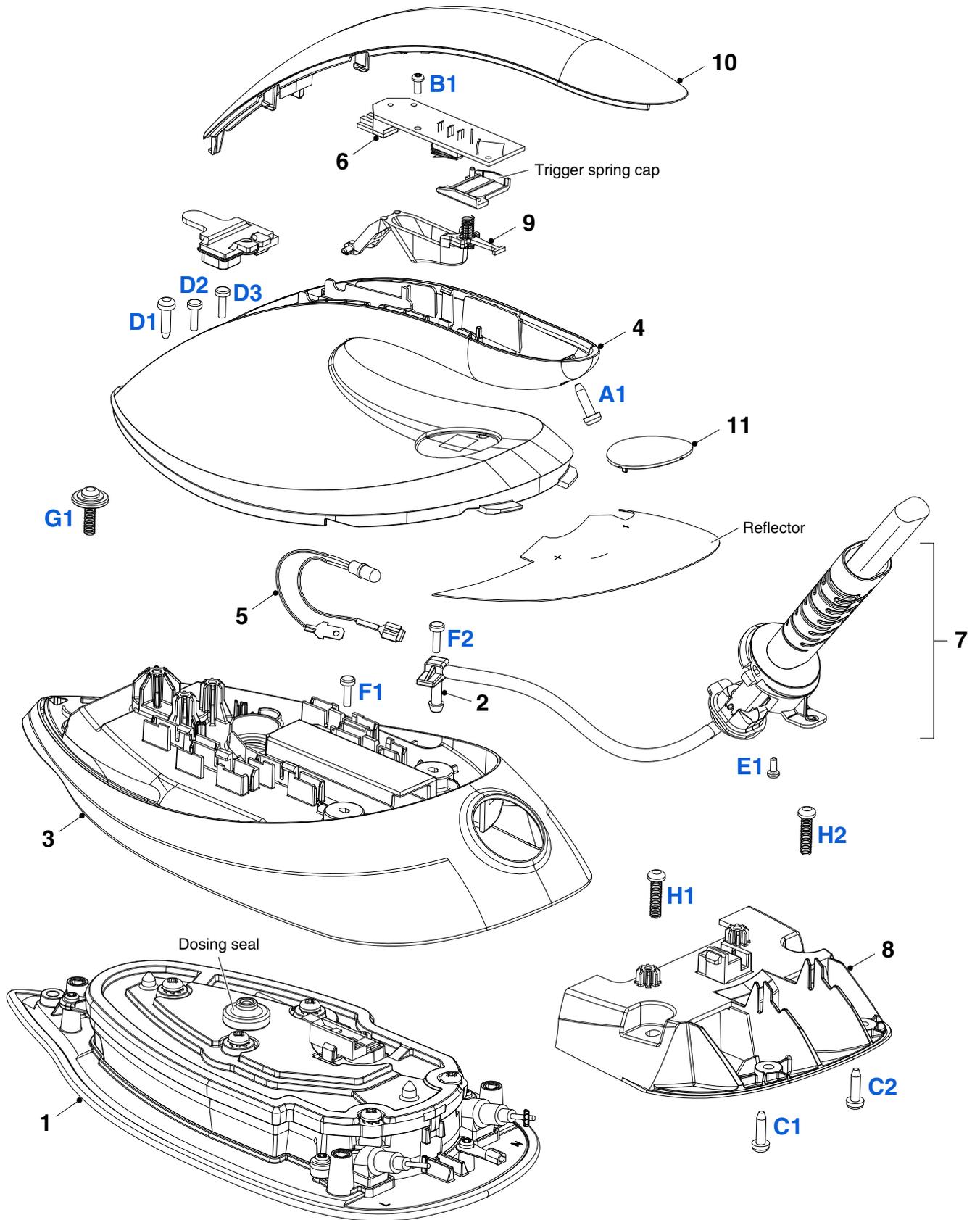
- Remove **Screw A1**
- Remove **INLAY 10**
- Remove **Screw B1**
- Remove **IRON PCBA 6**
- Remove **TRIGGER 9**
- Remove **Screws C1, C2**
- Remove **CHASSIS 8**
- Remove **Screws D1, D2, D3**
- Remove **HOUSING & LIGHT RING ASSY 4**
- Remove **DOSING HEAD 2**

LED ASSY 5
HOSE CORD MTD ASSY 7
COVER 3
SOLEPLATE ASSY 1

- Remove **Screw A1**
- Remove **INLAY 10**
- Remove **Screw B1**
- Remove **IRON PCBA 6**
- Remove **TRIGGER 9**
- Remove **Screws C1, C2**
- Remove **CHASSIS 8**
- Remove **Screws D1, D2, D3**
- Remove **HOUSING & LIGHT RING ASSY 4**
- Remove **DOSING HEAD 2**
- Remove **LED ASSY 5**
- Remove **Screw E1**
- Remove **HOSE CORD MTD ASSY 7**
- Remove **Screws F1, F2, G1**
- Remove **COVER 3**
- Remove **Screws H1, H2**
- Remove **SOLEPLATE ASSY 1**

**PARTS LIST - IRON**

Pos	Service code	Description
1	4239 021 77141	Soleplate MTD assy
2	4239 026 53721	Dosing head
3	4239 026 53733	Cover
4	4239 021 79893	Housing & Light ring assy
5	4239 021 78811	LED assy
6	4239 021 77592	Iron PCBA
7	4239 021 79913	Hose cord MTD assy
8	4239 026 53774	Chassis
9	4239 026 56114	Trigger
10	4239 026 53813	Inlay
11	4239 021 79932	Deco plate assy



TRAY CAP 22
TRAY RUBBER FRONT 21
TRAY RUBBER 20
TRAY 19
CARTRIDGE LID 31
STAND BOTTOM 12
STAND BOTTOM CAP 13
WATER TANK ASSY 23

- Remove TRAY CAP 22
- Remove Screws A1, A2
- Remove TRAY RUBBER FRONT 21
- Remove TRAY RUBBER 20
- Remove Screws B1, B2, B3, B4
- Remove TRAY 19
- Remove CARTRIDGE LID 31
- Remove Screws C1, C2, C3, C4, C5, C6
- Remove STAND BOTTOM 12
- Remove Screw D1
- Remove STAND BOTTOM CAP 13
- Remove WATER TANK ASSY 23

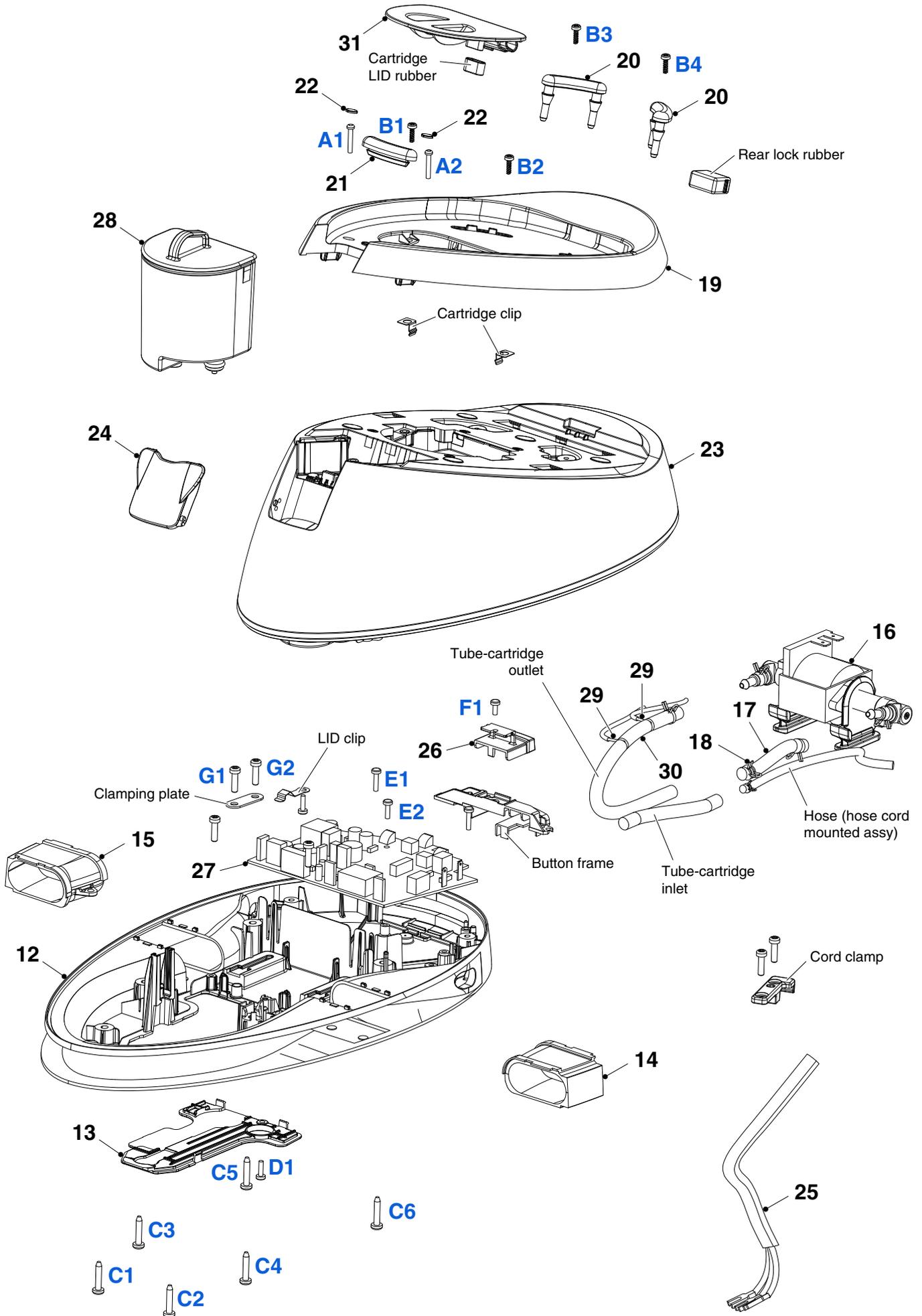
FILLING DOOR 24
POWER BOARD PCBA 27
PUMP ASSY 16
POWER BUTTON 26
POWER CORD 25

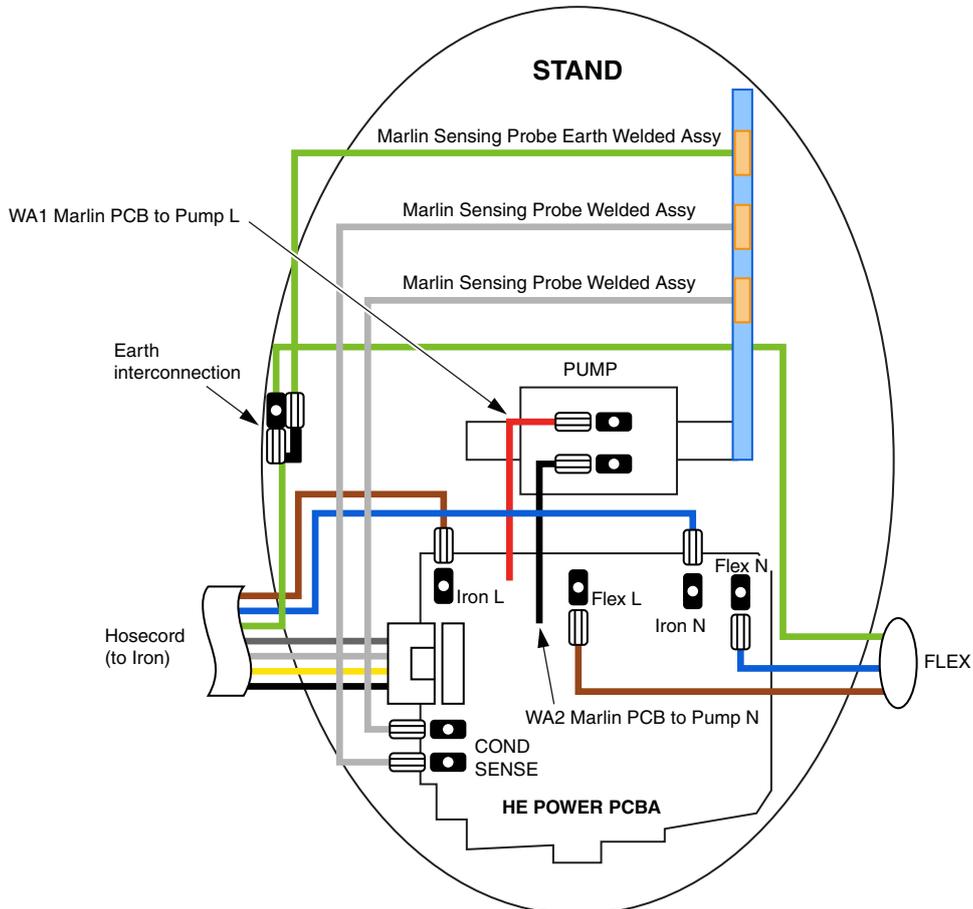
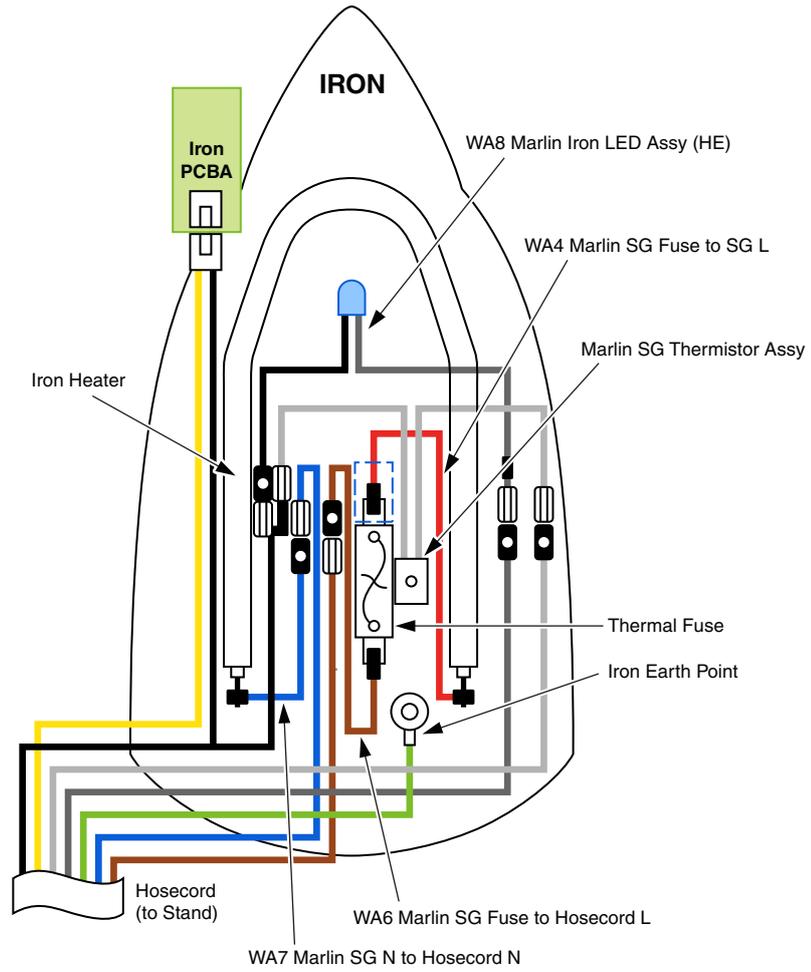
- Remove TRAY CAP 22
- Remove Screws A1, A2
- Remove TRAY RUBBER FRONT 21
- Remove TRAY RUBBER 20
- Remove Screws B1, B2, B3, B4
- Remove TRAY 19
- Remove Screws C1, C2, C3, C4, C5, C6
- Remove STAND BOTTOM 12
- Remove Screw D1
- Remove STAND BOTTOM CAP 13
- Remove WATER TANK ASSY 23
- Remove FILLING DOOR 24
- Remove Screws E1, E2
- Remove POWER BOARD PCBA 27
- Remove PUMP ASSY 16
- Remove Screw F1
- Remove POWER BUTTON 26
- Remove Screws G1, G2
- Remove POWER CORD 25

PARTS LIST - STAND

Pos	Service code	Description
12	4239 026 53833	Stand bottom
13	4239 026 53841	Stand bottom cap
14	4239 026 56132	Belt loop left
15	4239 026 56142	Belt loop right
16	4239 021 81341	Pump assy
17	4239 015 60543	Tube-Pump outlet
18	4239 010 10261	Hose clip
19	4239 021 79951	Tray - No lock
20	4239 015 60431	Tray rubber
21	4239 015 60442	Tray rubber front

Pos	Service code	Description
22	4239 026 55921	Tray cap
23	4239 021 79965	Water tank assy
24	4239 026 56172	Filling door
25	2422 070 98399	Power cord
26	4239 021 80811	Power button
27	4239 021 77574	Power board PCBA
28	4239 021 78464	Cartridge welded assy
29	4239 021 77724	Sensing probe
30	4239 081 03340	Tube-Probe interconnect
31	4239 026 53931	Cartridge lid





- Due to the high wattage of the iron, only the specified cord set must be used.
- Should damage be observed on the **POWERCORD 25**, it must be replaced. Continued usage is not allowed.
- If **STAND BOTTOM 12** is provided without type plate information eg. Type number, voltage etc. When replacing the cover, engrave the type number & voltage on the type plate with a sharp object.
- After the product has been repaired, it should function properly and has to meet the safety requirements & legal regulation as laid down & officially established at this moment.
- The following tests are common checks that are conducted on a repaired product before it is returned to the consumer.

**1. Soleplate temperature**

Check that soleplate temperature is within IEC requirement.

Soleplate temperature (Deg C)		Materials, for example	
Minimum	Maximum		
120	143	All fabric types	

**2. Leakage current**

Check that leakage current is within IEC requirement.  
 Measure leakage current between LIVE/NEUTRAL & EARTH.  
 IEC requirement is that at 230V supply, the EARTH leakage current must be less than 0.75 mA.

**3. Water leakage / Functionality**

Check that there is no water leakage from any part of the product during operation.  
 Check that the functionality of the product (product dependent) eg. Steaming, steam trigger, variable steam, SOS, PCBA etc is working properly.

**4. Loose part**

Check that there are no loose parts eg. Extra screws in the product that can cause short-circuit or product malfunctions.

**5. Fuse open circuit**

When replacing fuse, to also service the water tubes which is probably choked with calc.

**6. PCBAs ESD control**

All failed PCBAs including to be packed with ESD bags for shipment.

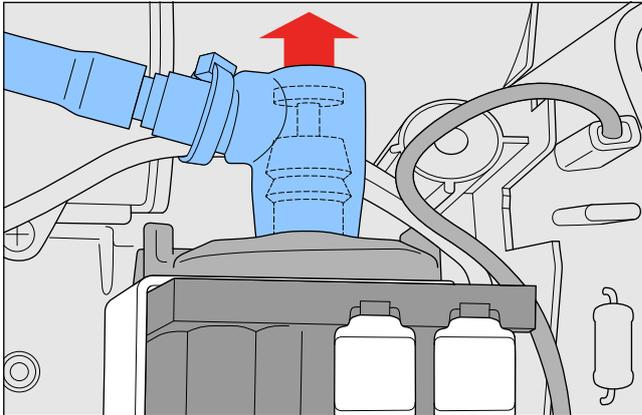
**7. Screws**

Screws should be the defined screws in terms of length and material used.

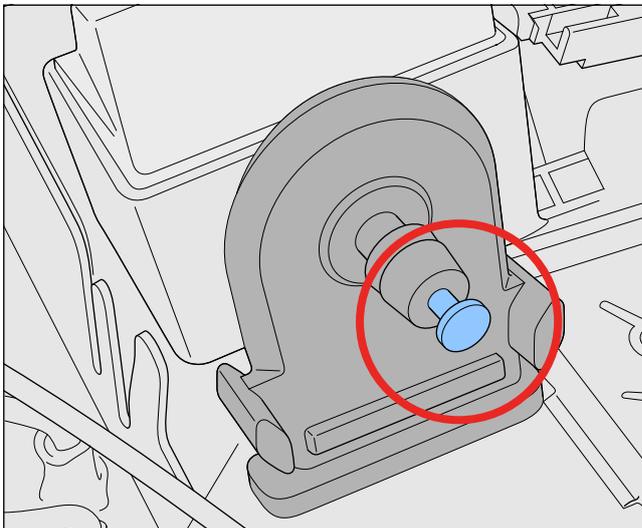
**8. Pump - Cleaning restrictor**

Service center to perform pump restrictor cleaning via following step if observe pump not pumping water:

1. De-assemble water tube of pump.



2. Clean restrictor via sharp object.



3. Re-assemble stand

**9. Cartridge compartment - Cleaning**

Service center to perform cleaning of Cartridge compartment via following step:

1. Open Cartridge lid of stand.
2. Clean out any residue located on the mesh.

