



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 Black & Basic Blue
- Battery type : Li-Ion
- Battery voltage : 12.8 V
- Charging time : 6 hour(s)
- Runtime : 80 min.

Usability

- Threshold climbing : 13 mm
- 24-hour scheduling
- Infrared sensors
- Types of Floors : Hardfloor
- Smart detection system : 12 sensors

Nozzles and accessories

- Exhaust filter, AC power adaptor, Side brushes (2 pairs)

Dimensions & weight

- Dimensions : 60.1 x 330 mm
- Product weight : 1.53 kg
- with packaging : 2.9 kg

Accessories included

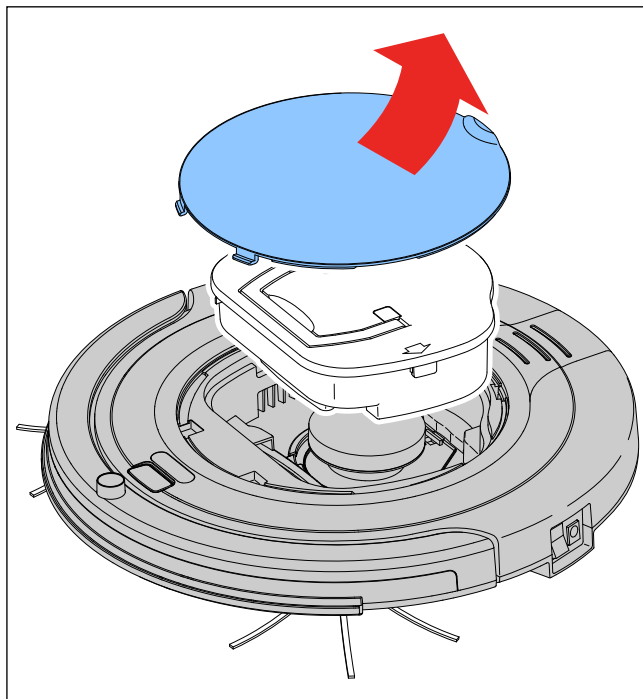
- Docking station

OPTIONAL (accessories)

- No specific issues

DISASSEMBLY - AND RE-ASSEMBLY ADVISE

- First make sure that the appliance is unplugged.
- To empty and/or replace the Dustbin assy, the Top Cover has to be removed (see picture).



FC8700/01 / FC8700/71

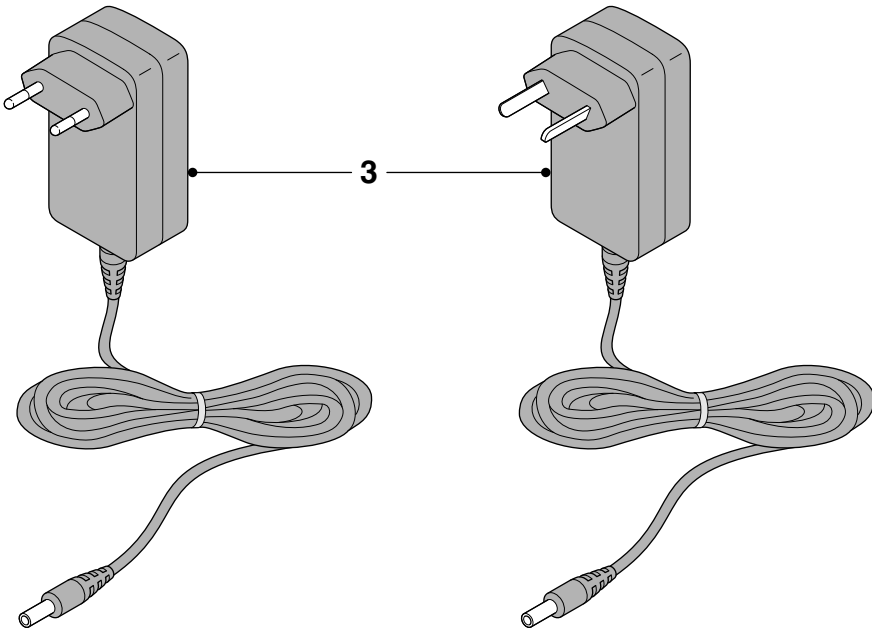
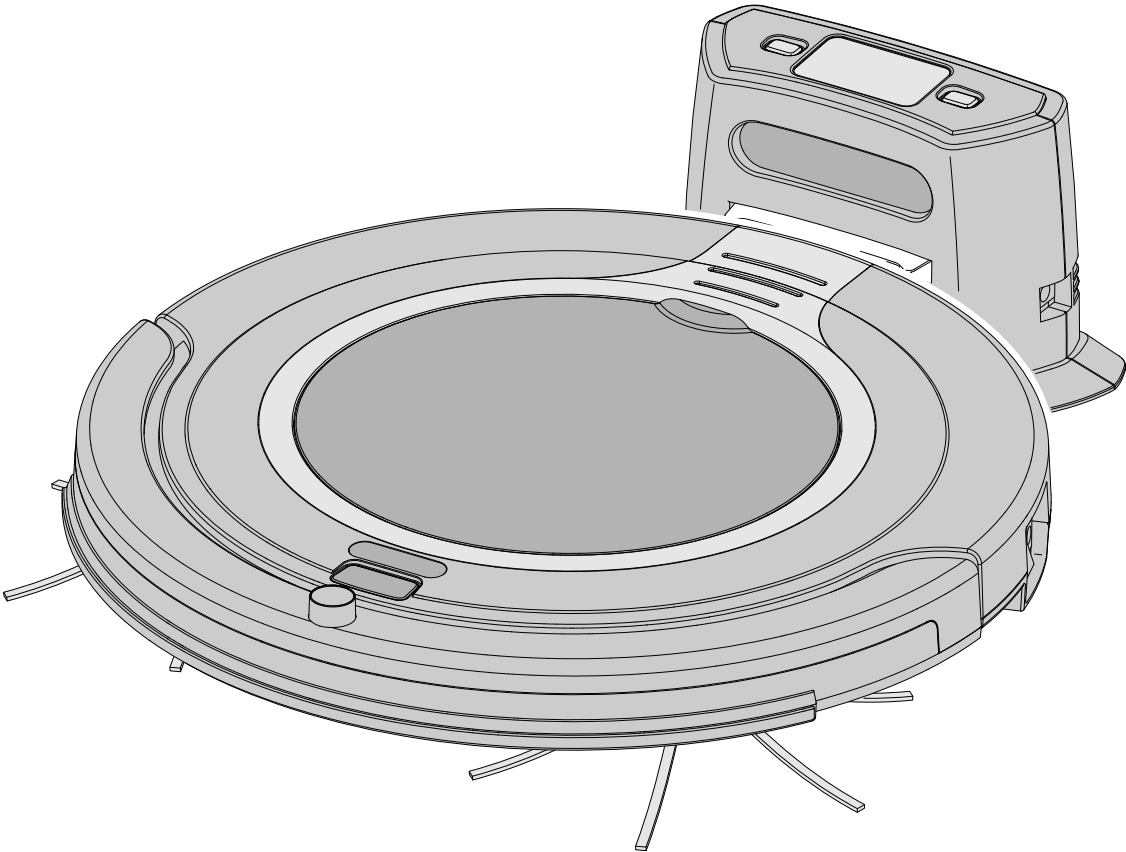
- Turn the appliance upside down .
- The brushes can easily be pulled out and replaced, after hearing the < click> the brush is placed in a correct way.
- Remove the battery cover by removing the 2 screws **A**, the battery can now be removed or replaced.
- To open the appliance:
First remove the cover of the Bumper assy by removing the 4 screws **B**.
Remove the Upper housing by removing the 6 screws **C**, 2 screws are positioned in the battery compartment, **be aware** to unplug the wire.
- Now the wheel can easily be pulled out and be replaced if necessary.
Remark: notice that each wheel assy have different wires to avoid mis-repair.
- To replace the inner parts of the Bumper assy:
Lift the Main PCB by removing the 4 screws **D**, now you can replace the Bumper bracket by removing the 2 screws.
- To replace the Fan motor:
Turn the Bottom housing upside down and remove the 2 screws **F**, unplug the connector. Now the Fan motor can be replaced and re-connected.

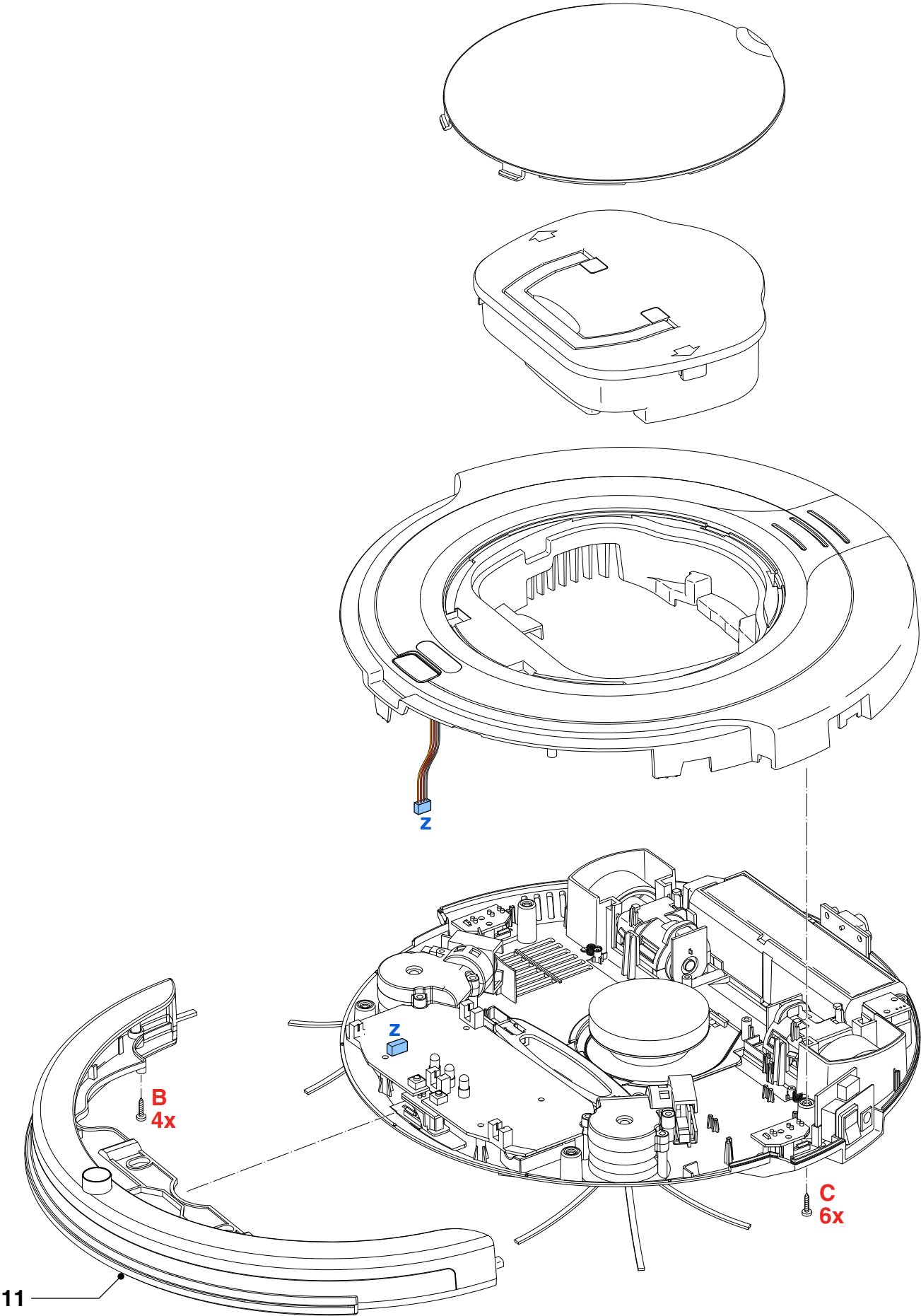
REPAIR INSTRUCTION

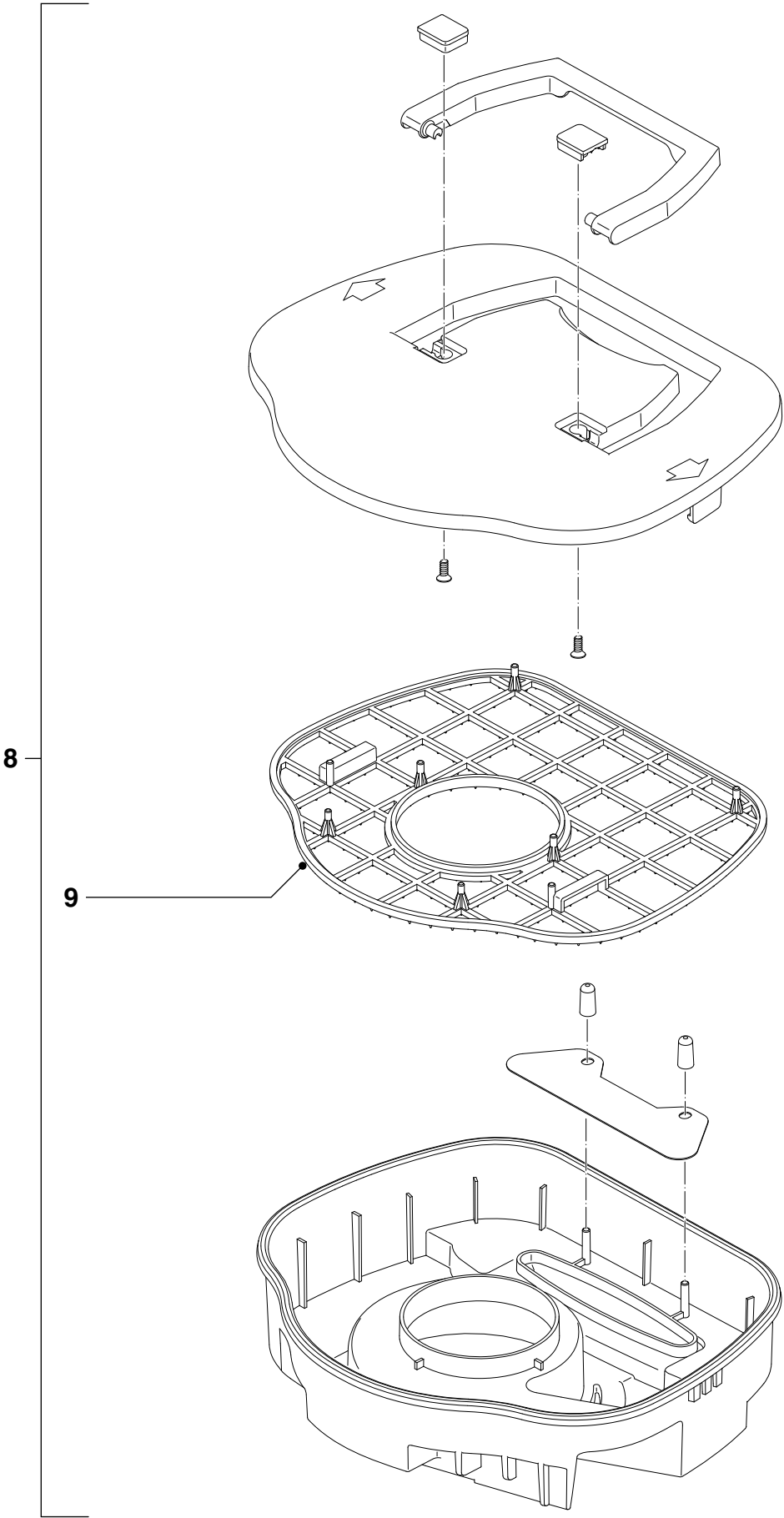
Display Error codes:

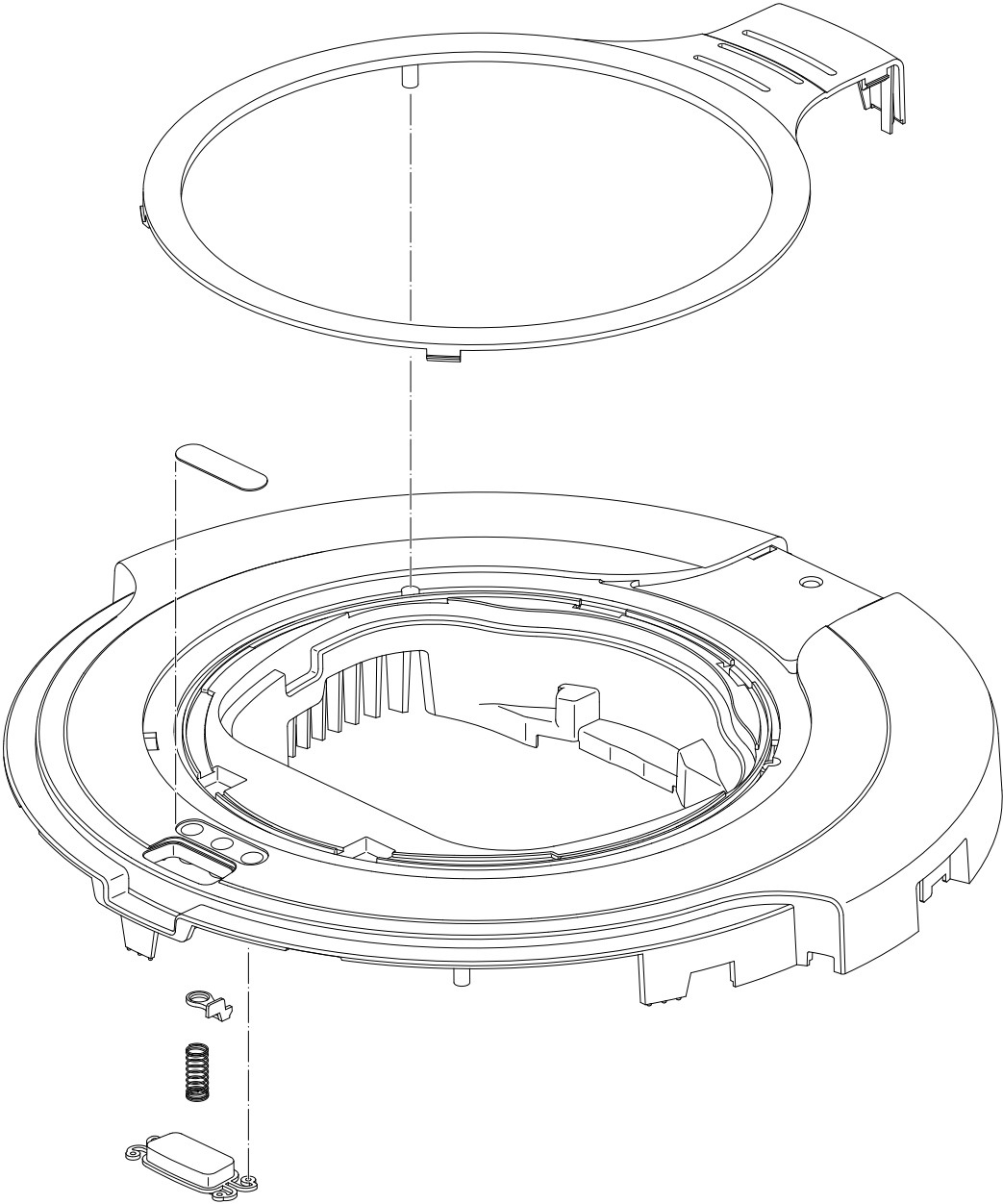
E1	Wheels stuck 滚轮卡住
E2	Top cover or dust container not placed properly 顶盖或集尘桶未放好
E3	Bumper stuck 缓冲装置卡住
E4	Robot lifted up from floor 从地板提起了智能自动真空吸尘器
E5	Colour of floor too dark 地板颜色太暗
E6	Battery not inserted properly / Charging error (switch is off) 电池未装好 / 充电错误 (开关已关闭)

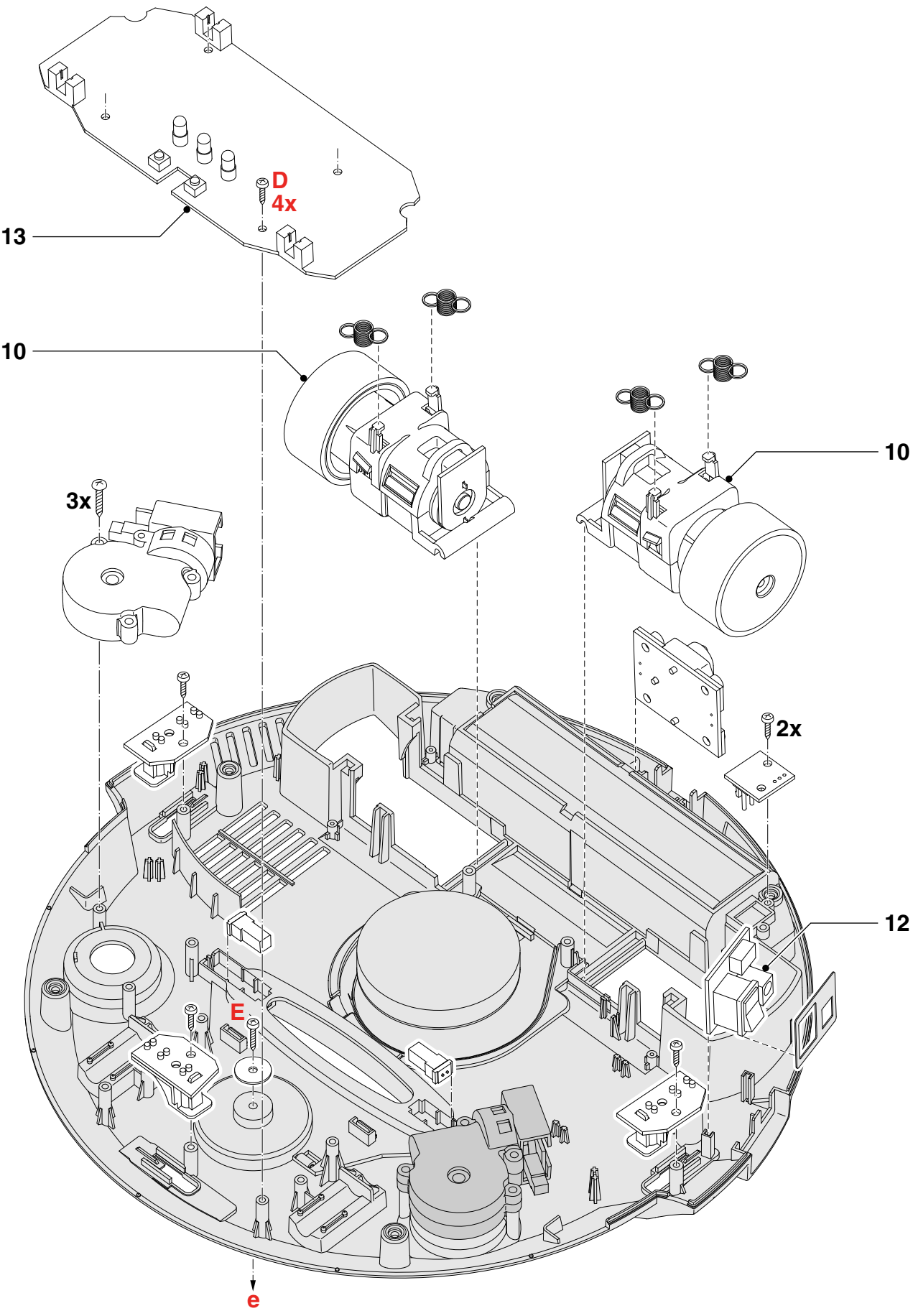
Pos	Service code	Description	Remark
1	4322 006 67901	Suction motor assy A	
2	4322 006 22901	Recharable battery 1300 mAh - 12.8 V	Super Li-Ion
3	4322 006 09961	Switching adaptor 24 V - 1000 mA	Euro plug
	4322 006 08901	Switching adaptor 24 V - 1000 mA	AU/NZ plug
4	4322 006 23111	Docking station A	
5	4322 004 25961	Side brush	
6	4322 006 67941	Side brush motor assy Left	
7	4322 006 67951	Side brush motor assy Right	
8	4322 005 36651	Dustbin assy A	
9	4322 004 94152	Filter Hawk A	
10	4322 005 36681	Big wheel assy M500 A	
11	4322 005 36711	Frint bumper assy A	
12	4322 006 25401	Power PCBA	
13	9965 100 72827	Main PCB	FC8700

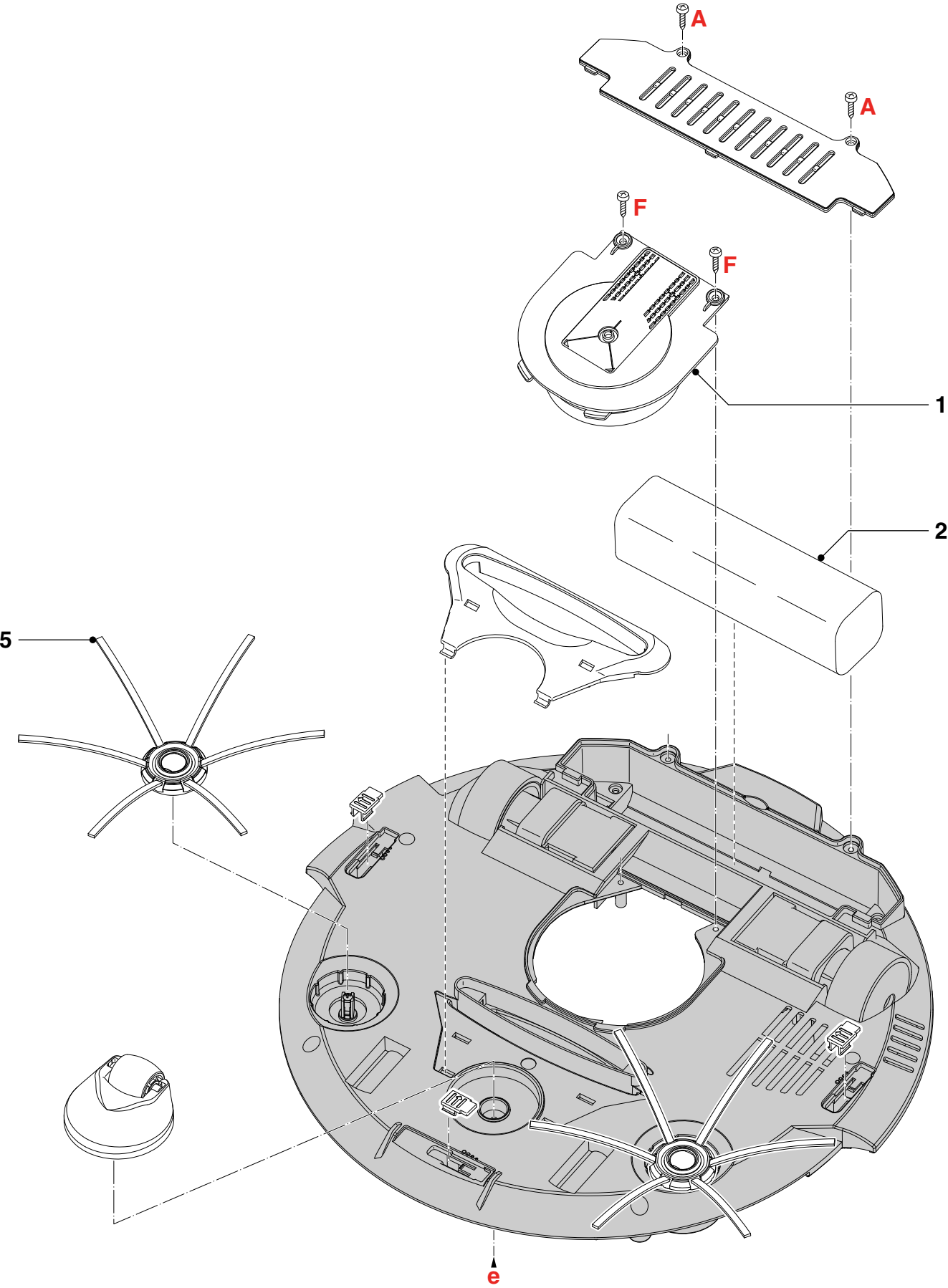


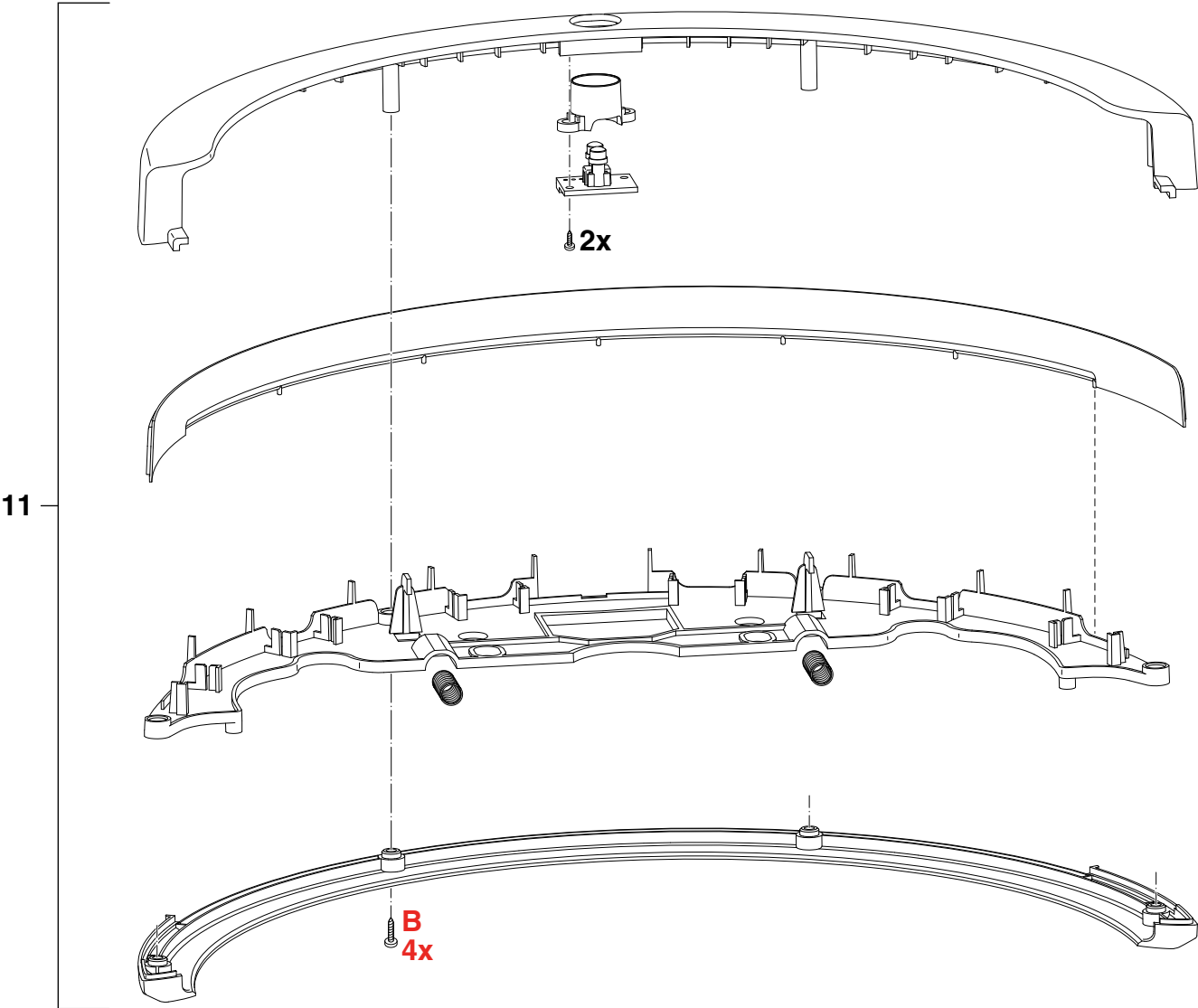


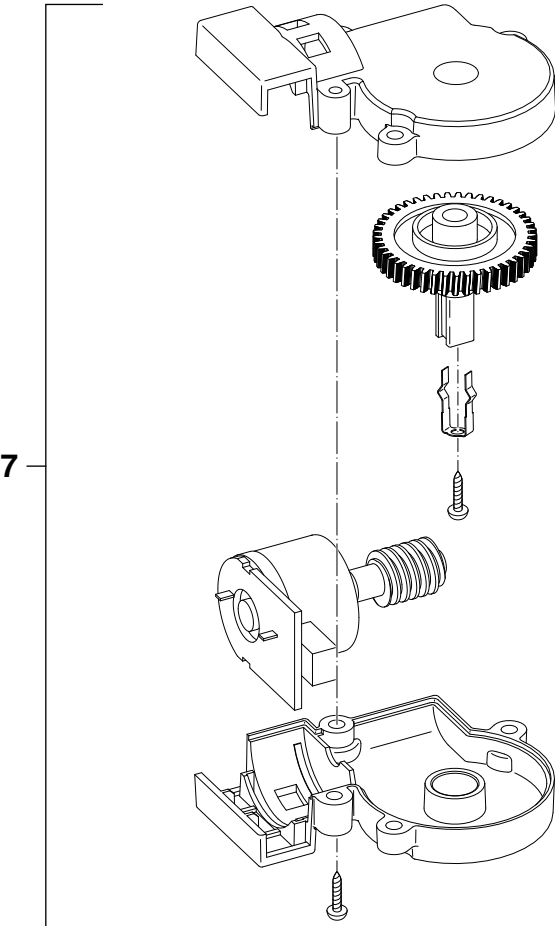
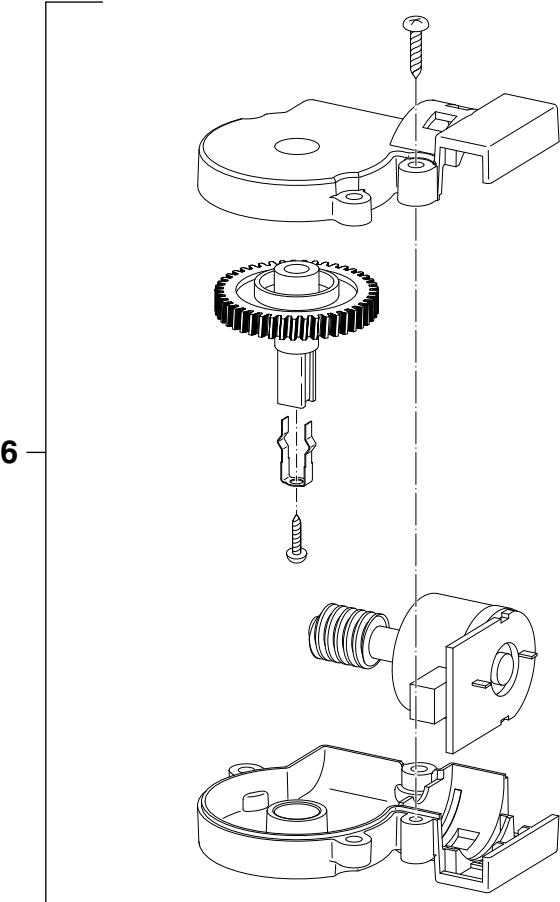


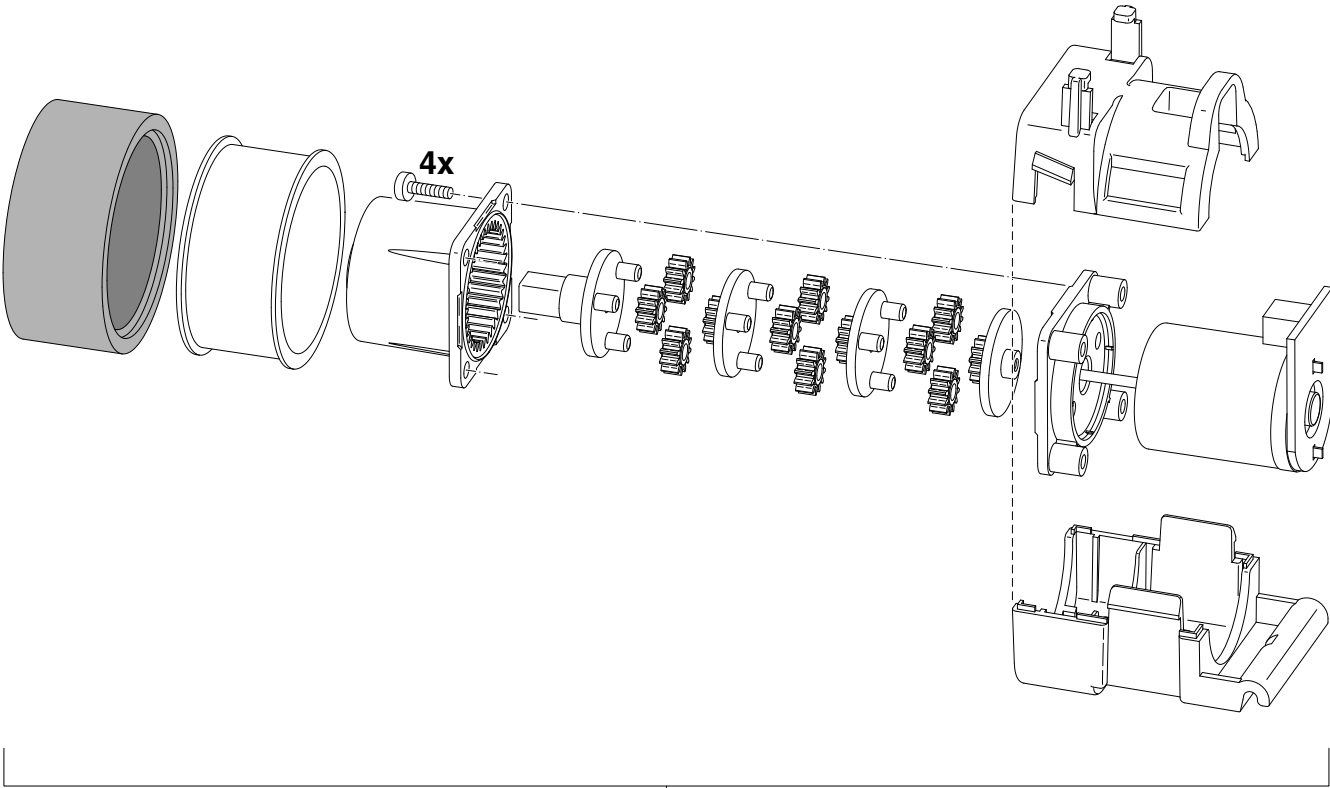


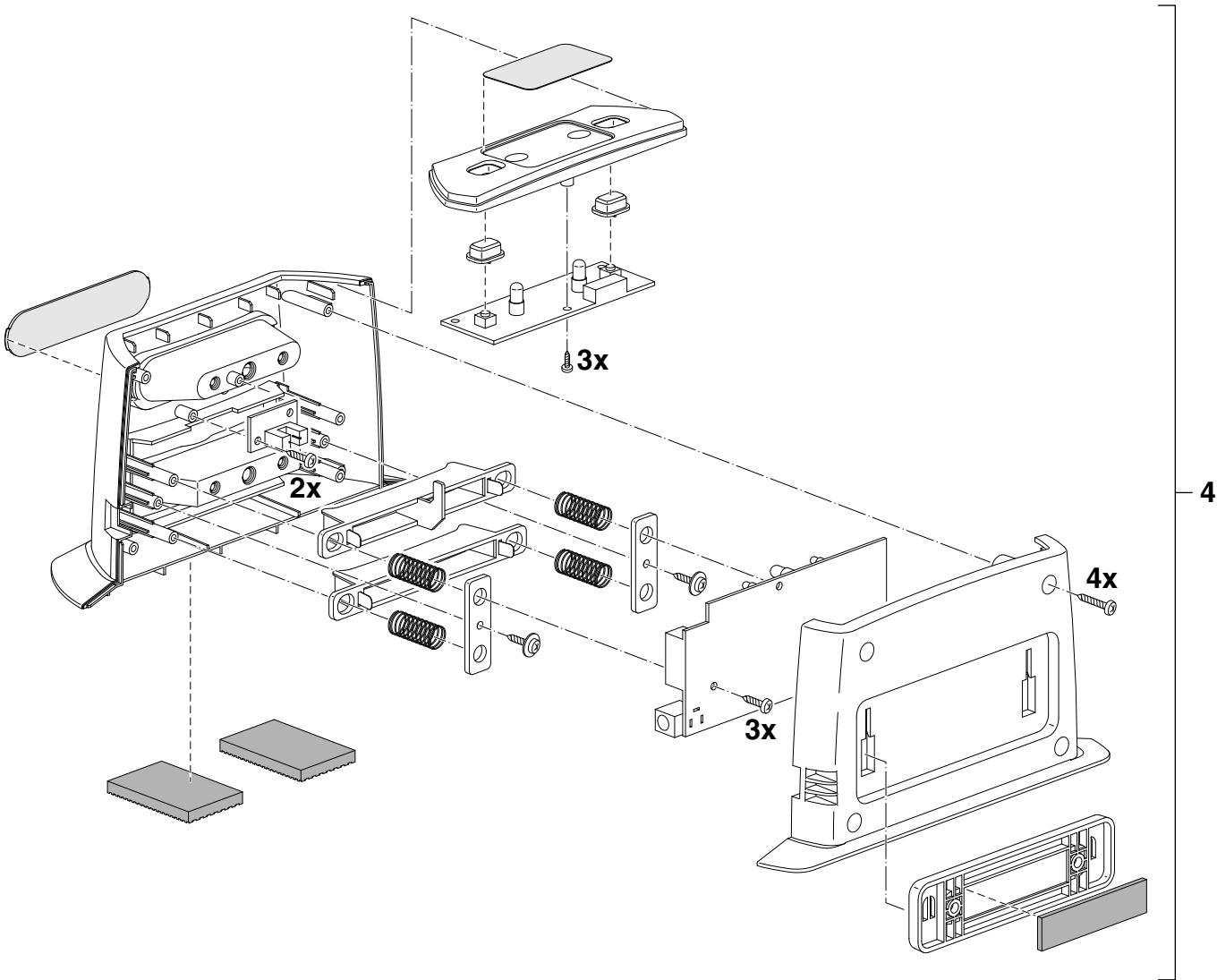












FC8700/01 / FC8700/71

Version history

Version 1.1 : FC8700/01 initial release.

Version 1.2 : Added new version: FC8700/71.

In Parts List and Exploded view: Added Pos. 3:

4322 006 08901 Switching adaptor 24 V - 1000 mA AU/NZ plug.

Version 1.3 : In Parts List at Pos. 9, changed 4322 004 94151 into 4322 004 94152.