



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 : Emperor red
- Power consumption : 1800 W
(IEC) 230V
- Maximum Air displacement : 37 l/s
- Vacuum : 285 mbar / 28.5 kPa
- Duststorage capacity : 2 L
- Cord length : 9 m
- Motor : Infrared remote controlled
- Filter system : HEPA cyclone-filtration
auto-clean system
: Permanent motor
protection filter
: Ultra Clean Air
HEPA13 exhaust filter
- Dimensions of cleaner : 470 x 320 x 340 mm
- Dimensions of packaging : 590 x 390 x 380 mm
- Net weight : 7.2 kg

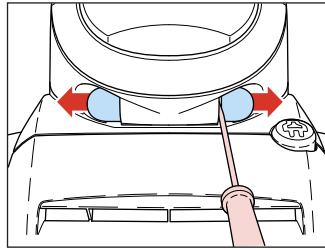
ACCESSORIES

- Nozzle : Tri-Active all purpose nozzle
- Additional Nozzle : Super parquet nozzle
- Tubes : Metal lacquered telescopic tubes
- Accessories : Brush, crevice nozzle and small nozzle
- Accessory storage : Active accessory storage bridge in handgrip
- Coupling : Button coupling

OPTIONAL (accessories)

- FC 8031 : Super Clean Air HEPA filter, HEPA12 exhaust filter

- To open the appliance, first remove the filter cover (item 33).
- Then remove the hinge; first remove the end caps (item 17) this can be done with a screwdriver, see picture.



When the end caps are removed, the hinging pin can be removed and the hinge can be taken off the appliance.

- Remove the can with the filters.
- Now remove the drive coupling (item 13) by **turning it clockwise**.
- To remove the housing (10 screws), for some screws you will require a screwdriver with 14.5 cm long shank. Screwdriver 4322 009 08490 for T15 can be used.
- When the repair is finished, check whether all functions of the appliance work properly.
- To disassemble the cord winder, use TORX screwdriver no. T10, which is one of a set consisting of T20; T15; T10; T9; T8; T7 and T6 (code number 4822 395 50145)

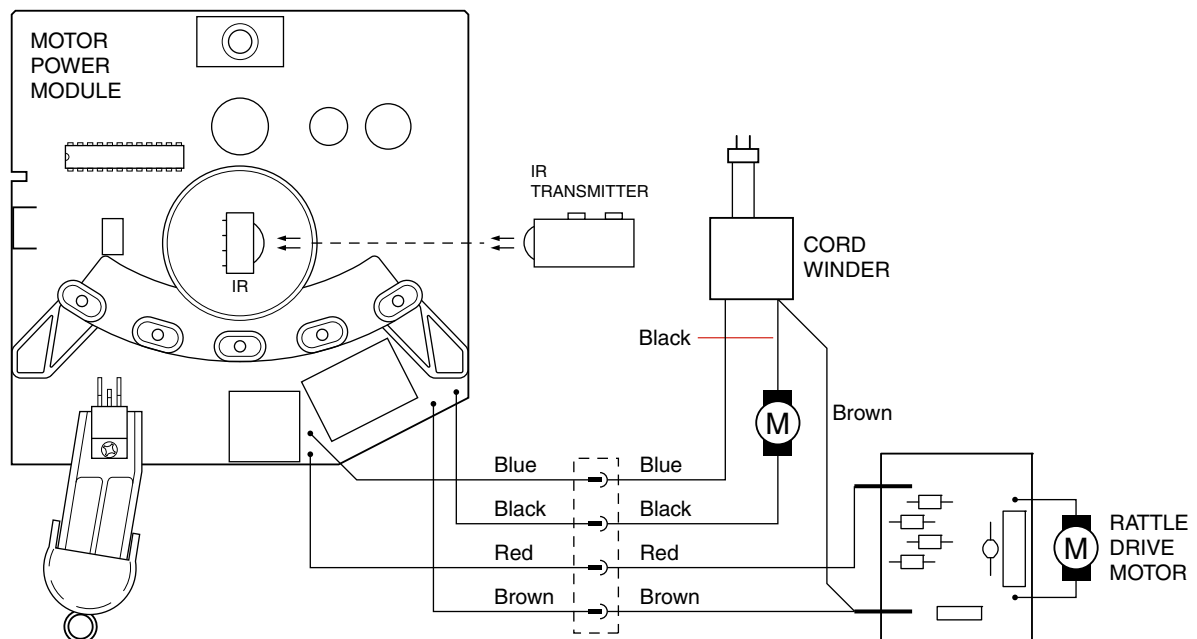
Further disassembly advise for the hinge:

- First remove the 2 screws (A) underneath the handle to remove the hinge back (item 2)
- The user panel can be removed after removing the screw (B) in the middle of the hinge on the inside.
- PCB can be removed.
- Choke valve can be taken out.
- To remove the sealing disk and the detector with the spring you have to remove the 2 screws (C) next to the sealing disk.

REPAIR INSTRUCTION

- Due to precisely pre-adjusted belt-tension, rattle drive unit (item 27) may only be replaced as a complete unit.
Do not disassemble this unit in any way!
- If the reel half spring unit is replaced, shaft (K) must be lubricated with silicone grease. Do not apply any silicone grease to or spill any grease on terminals (item 50) or conductors (item 51).
- The cord winder spring must be tensioned to the maximum level and the be rewound approx 1.5 turn.
- Item 9, air valve, opens to cool the motor if the air displacement is too low or if the airflow is blocked.
- Filter detection problems in appliances from before WK728 can be solved by replacing the Detector (pos. 12) as well as the Hinge (pos. 10) and the Sealing disk (pos. 72).

ELECTRICAL DIAGRAM



■ = changed

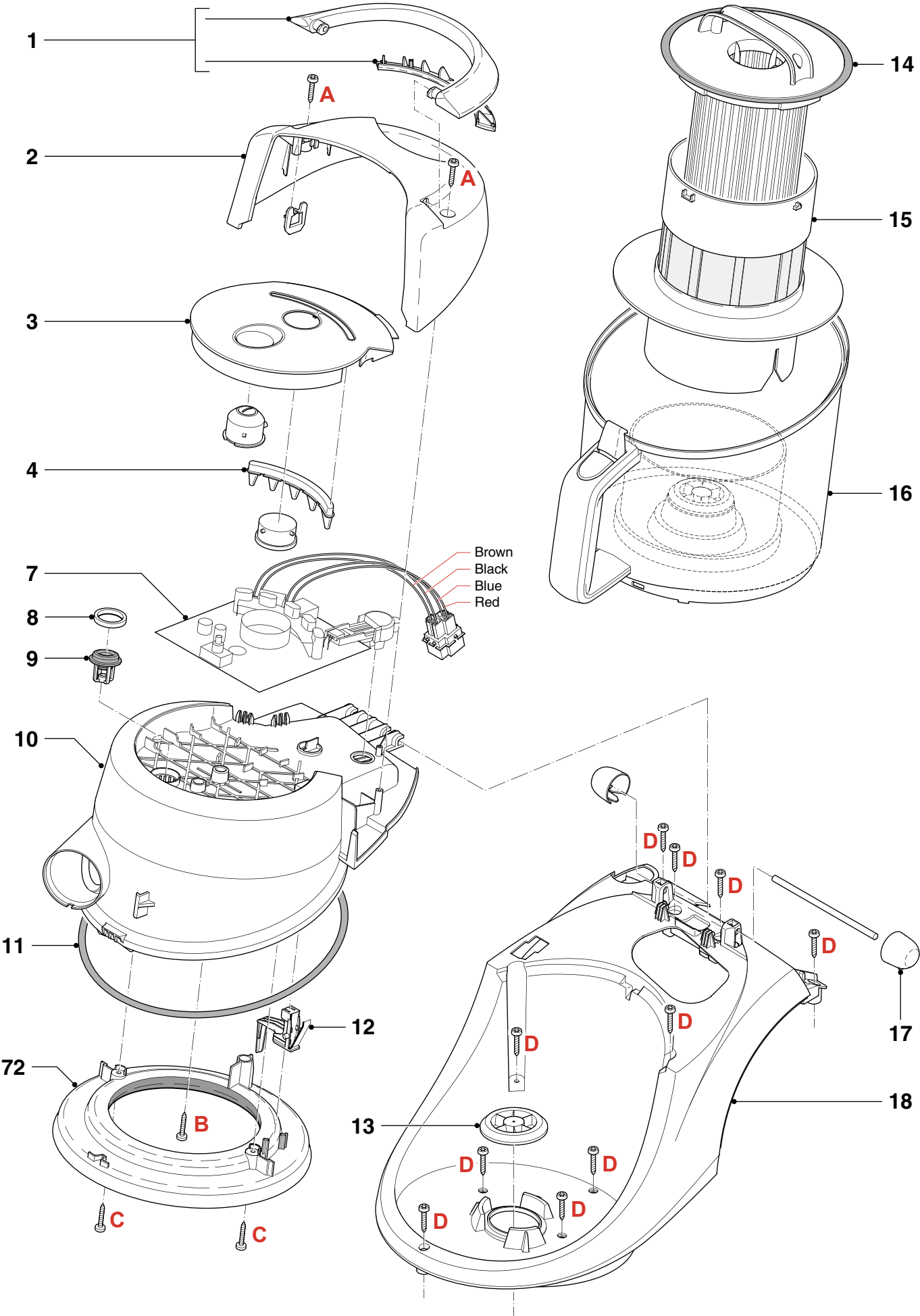
Pos	Service code	Description
1	4322 009 09660	Handle assy Emperor red
2	4322 005 20500	Hinge back Emperor red
3	4322 005 20530	User Panel PR RMC assy
4	4322 003 27010	Light Guide
7	4322 006 22990	PCB 220-240V 50/60Hz IR
8	4322 003 28120	Choke valve cap
9	4322 005 19690	Choke valve
10	Not available *	Hinge front Emperor red <wk728
	4322 005 23050	Hinge front Emperor red
11	4322 001 73370	Bucket sealing
12	Not available *	Detector assy <wk728
	4322 005 23030	Detector assy
13	4322 005 19600	Drive coupling
14	4322 005 19650	Permanent rattle filter assy
15	4322 003 26980	Tower assy Bright Lime
16	4322 005 21080	Bucket assy Emperor red
17	4322 003 25310	End caps s. grey
18	4322 005 20450	Upper housing Emperor red
19	4322 000 38800	Motor inlet filter
20	4322 003 27060	Inlet sealing air channel
21	4322 003 26870	Air channel Dark Raven
22	4322 000 09750	Pedal spring
23	4322 006 07540	Wire Beam Assy
24	4322 001 73550	Rubber bump
25	4322 003 27620	Backpanel Dark Raven
26	4322 003 28920	PCB Lock
27	4322 005 19570	Rattle drive unit assy
28	4322 003 25000	Bumper grey
29	4322 003 26890	Bucket hook left Dark Raven
30	4322 003 26900	Bucket hook right Dark Raven
31	4322 003 27560	Lower housing Dark Raven
32	4322 005 17510	Caster assy
33	4322 005 21020	Filter cover assy Emperor red
34	4322 004 92990	HEPA 13 filter heat res.
35	4322 001 73460	Exhaust sealing

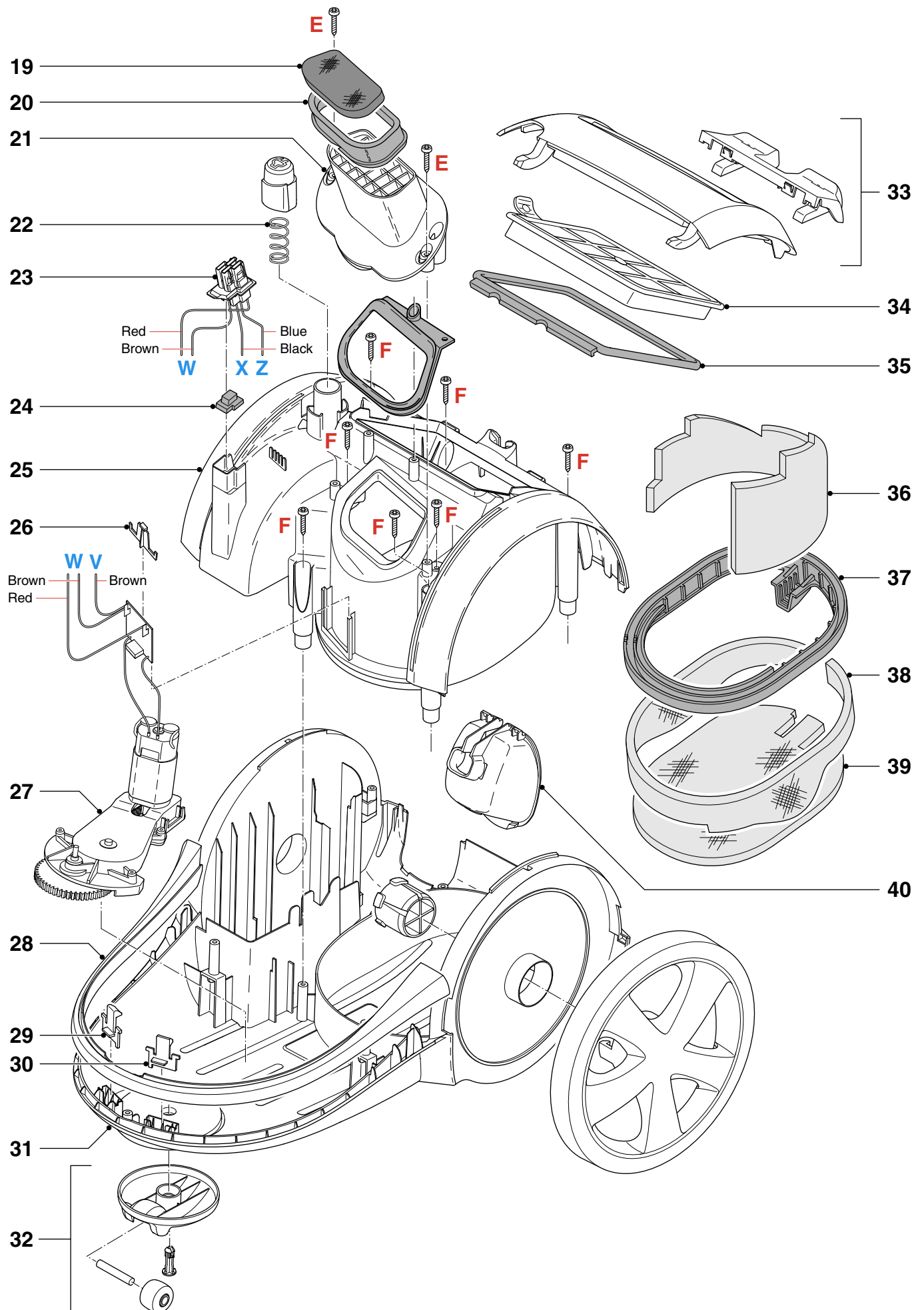
* If one of these parts of an appliance from before WK728 must be replaced, all pos. 10,12 and 72 must be replaced!

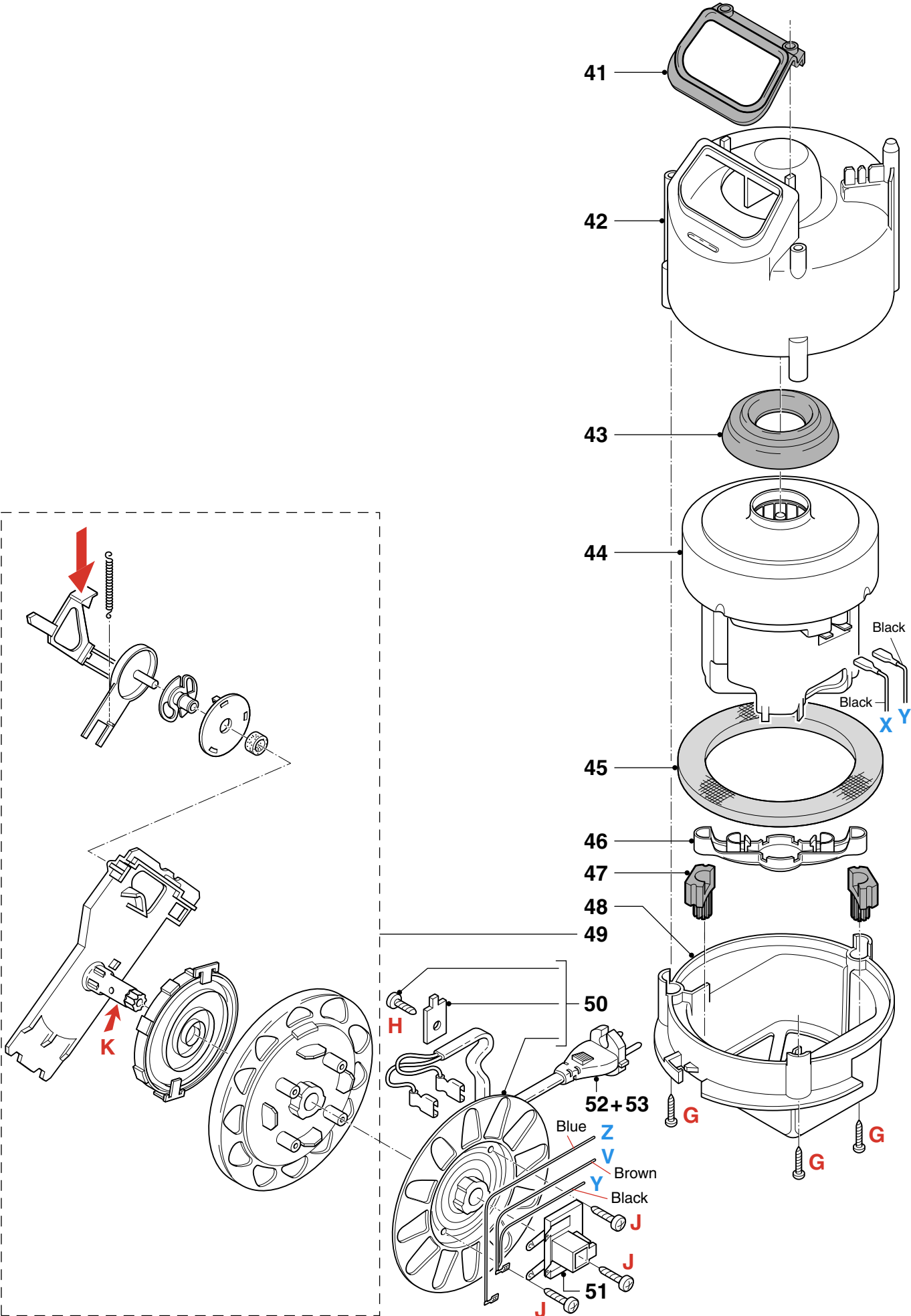
Pos	Service code	Description
36	4322 000 38790	Silencer 4 wall backpanel
37	4322 003 25460	S-Class h. sealing
38	4322 000 38670	Silencer 1 wall
39	4322 000 38770	Silencer 2 bottom
40	4322 003 27610	Cord Outlet Dark Raven
41	4322 003 25390	Inlet sealing 1
42	4322 003 27580	Motor housing top Dark Raven
43	4322 001 73440	Motor buffer front
44	4322 009 09430	Motor 1761 220-240V Domel
45	4322 000 38820	Silencer 3 compas
46	4322 003 26030	Motor bracket
47	4322 001 73520	Motor buffer back green
48	4322 003 25370	Motor housing bottom
49	4322 005 18670	Reel half spring unit
50	4322 005 17430	Reelh. cordside assy
51	4322 005 17910	Contact plate assy
52	4322 006 07410	Cordset UK/HK L = 9.3 m
53	4322 006 07390	Cordset Euro 4.8mm L = 9.3 m
54	4322 003 25520	Curve bend B2
55	4322 004 20090	Conical hose assy
56	4322 009 09670	Curve bend/hose assy IR
57	4322 007 31640	Leaf spring assy
58	4322 004 22510	Telescopic tube silver
59	4322 001 99120	Coupling bush
60	4322 007 45550	Coupling spring
61	4341 004 20510	Plumeau assy
62	4322 003 25560	Crevice nozzle 140 mm
63	4322 005 17590	Accessory bridge assy
64	4341 004 20490	Small nozzle
65	4322 004 23260	Tri-active nozzle
66	4322 005 11040	Polishing disc
67	8838 041 01010	Polishing brushes
68	4322 004 20110	Super parquet nozzle
70	4322 005 20330	IR RMC Send unit
71	4322 003 19420	Battery lid
72	Not available*	Sealing Deep Red <wk728
	4322 003 28230	Sealing Deep Red

EXPLODED VIEW

FC9228







EXPLODED VIEW

FC9228

