

Service  
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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

- Color : Electric Orange
- Power consumption : 1600 W  
(IEC) 230 V
- Vacuum : > 24 Kpa
- Dust storage capacity : 1 L
- Cord length : 5 m
- Filter system : Pleated cyclone-filtration system  
: HEPA exhaust filter
- Noise : < 82 dB
- Size L x W x H : 340 x 250 x 210 mm
- Weight : 5.5 Kg

## ACCESSORIES

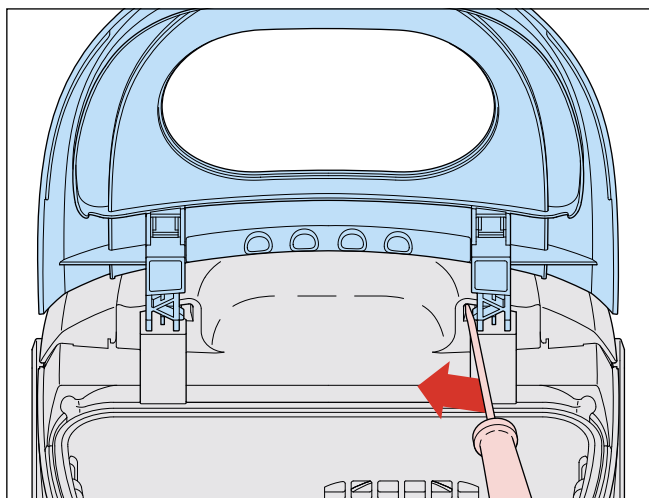
- Nozzle : All purpose floor nozzle D272
- Tubes : 2 Piece metal telescopic tube  
+ extension tube
- Accessories : Crevice, plumeau and small nozzle
- Coupling : Conical coupling

## OPTIONAL (accessories)

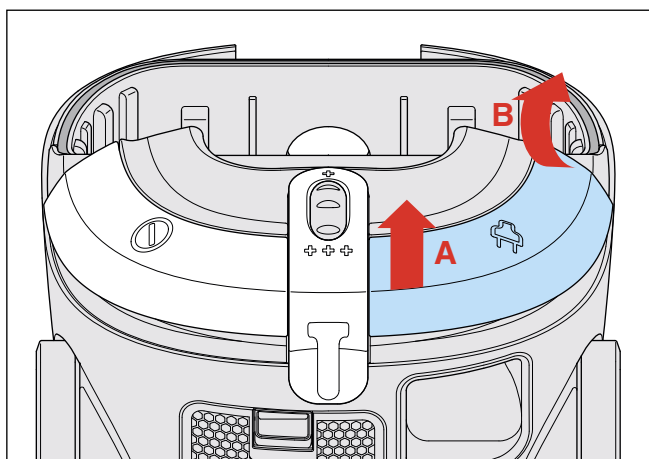
- FC8028 Pleated Filter cylinder : 8838 028 01010
- Filter cleaning brush : 4322 004 20130

## DISASSEMBLY- AND RE-ASSEMBLY ADVISE

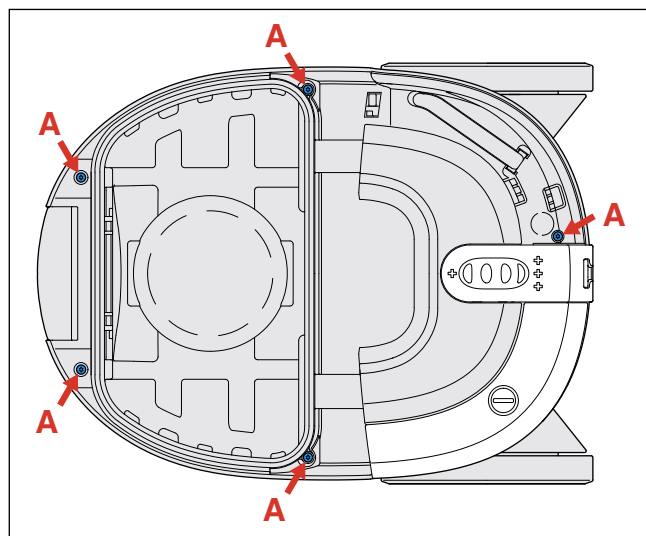
- First remove the dust bucket.
- Remove the dustcover using a screwdriver (see picture).



- Remove the Cord Winder Button by pulling it upwards (see picture).



- When the dustcover and the cord winder button have been removed, the 5 screws **A** that need to be unscrewed to disassemble the upper housing, are accessible (see picture).

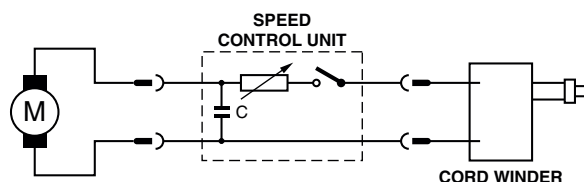


- To disassemble the cord winder, use TORX screwdriver no. T10, which is one of a set consisting of T20; T15; T10; T9; T8; T7 and T6 (code number 4822 395 50145).
- During re-assembling, take care the wires are positioned in the guides correctly.

## REPAIR INSTRUCTION

- The spare parts have been standardized as much as possible.
- The cord winder spring must be tensioned to the maximum level and then be rewound approx. 1.5 turn.
- Item 6, air valve, opens to cool the motor if the air displacement is too low or if the airflow is blocked.

## ELECTRICAL DIAGRAM

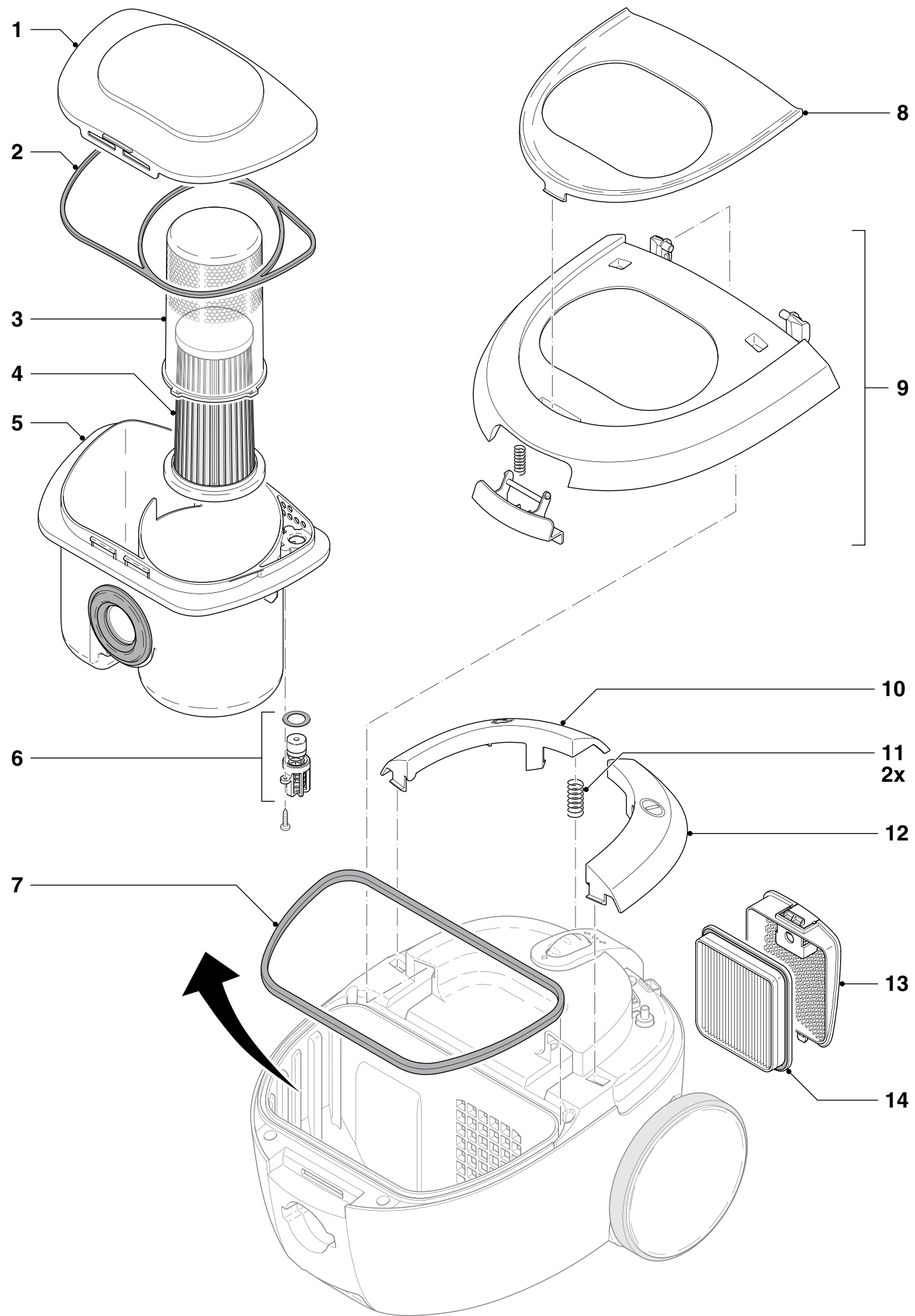


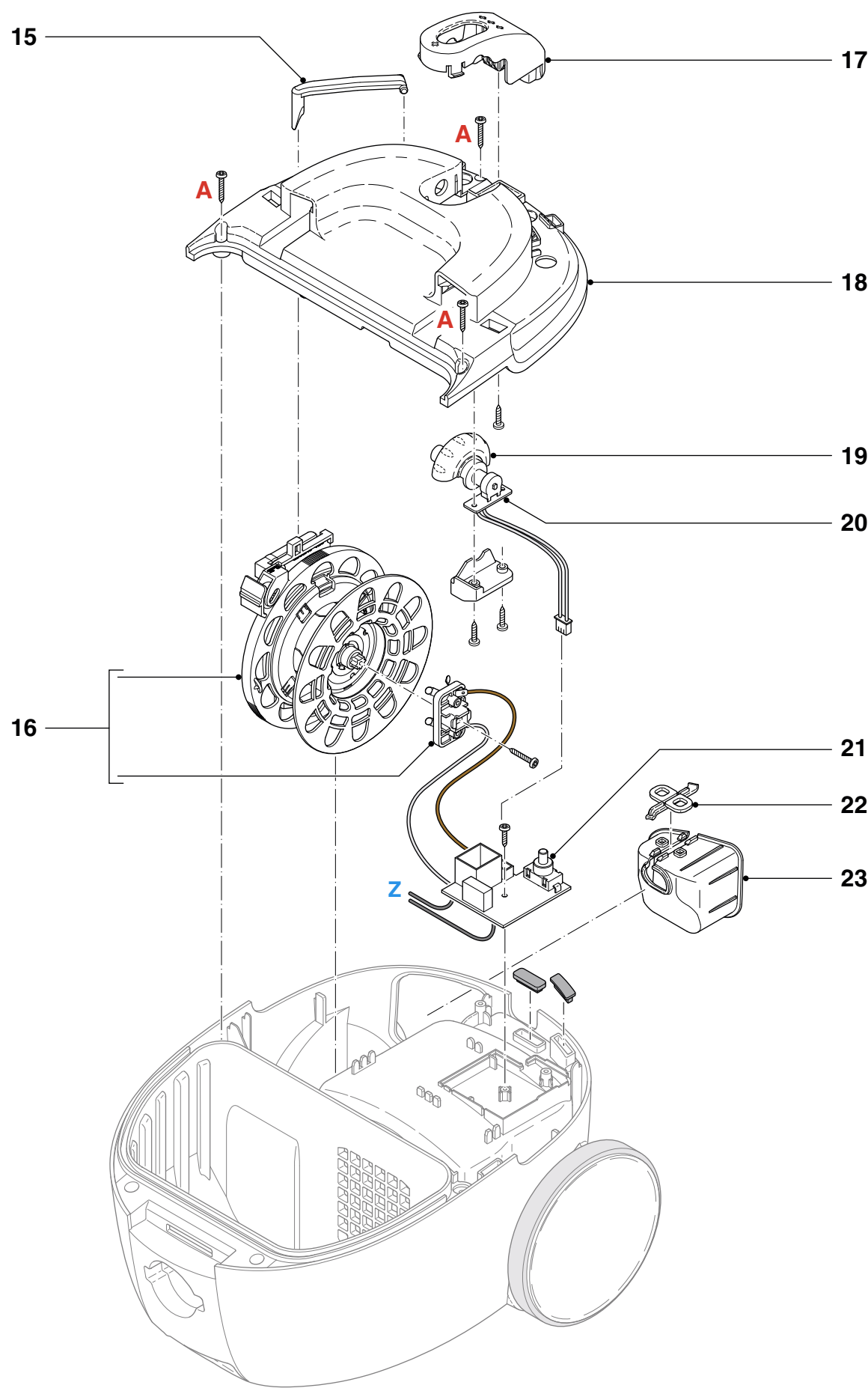
| Pos | Service code   | Description                                   |                              |
|-----|----------------|-----------------------------------------------|------------------------------|
| 1   | 4222 459 50031 | Dustbucket cover                              | Electric Orange              |
| 2   | 4222 459 50071 | Dustbucket sealing ring                       |                              |
| 3*  | 4222 459 50391 | Filter case                                   | Lime Yellow                  |
| 4*  | 4322 005 20850 | Filter                                        | Spectra Yellow               |
| 5   | 4222 459 49981 | Dustbucket assy                               | Electric Orange              |
| 6   | 4222 459 50831 | Safety valve assy BL                          |                              |
| 7   | 4222 459 50321 | Dustcover sealing                             |                              |
| 8   | 4222 459 50191 | Dustcover panel                               | Electric Orange SmallStar BL |
| 9   | 4222 459 50141 | Dustcover base assy                           | Greige BL                    |
| 10  | 4222 459 49911 | Cordwinder pedal                              | Greige                       |
| 11  | 4222 459 50661 | Pedal spring                                  |                              |
| 12  | 4222 459 50621 | On/Off pedal                                  | Greige                       |
| 13  | 4222 459 50341 | Exhaust grille assy                           | Electric Orange              |
| 14  | 4222 459 48841 | HEPA exhaust filter                           |                              |
| 15  | 4222 459 49851 | Cordwinder lever                              |                              |
| 16  | 4222 459 49861 | Cordwinder without cordset                    |                              |
| 17  | 4222 459 49881 | Cover speed control                           | Greige                       |
| 18  | 4222 459 50701 | Rear cover                                    | Electric Orange              |
| 19  | 4222 459 50501 | Knob speed control                            | Electric Orange              |
| 20  | 4222 459 50681 | Potmeter assy                                 |                              |
| 21  | 4222 459 50651 | PCB assy speed control                        |                              |
| 22  | 4222 459 49781 | Cord outlet cover                             | Electric Orange              |
| 23  | 4222 459 49821 | Cord outlet                                   | Electric Orange              |
| 24  | 4222 459 50581 | Motor cover                                   |                              |
| 25  | 4222 459 50871 | Suction inlet case                            | Electric Orange              |
| 26  | 4222 459 50591 | Motor cover seal                              |                              |
| 27  | 4222 459 50091 | Dustchamber                                   | Electric Orange              |
| 28  | 4222 459 50521 | Lower housing                                 | Electric Orange              |
| 29  | 4222 459 49721 | Casterwheel assy                              | Greige                       |
| 30  | 4222 459 50421 | Front motor seal                              |                              |
| 31  | 4222 459 50401 | Front motor cover                             | Domel                        |
| 32  | 4322 006 97732 | Motor                                         | Domel 1600 W / 230 V         |
|     | 4322 009 09400 | Global motor 1462                             | 220 V; 50 - 60 Hz            |
| 33  | 4222 459 50461 | Inner motor cover                             | Domel                        |
| 34  | 4222 459 50571 | Motor buffer                                  |                              |
| 35  | 4222 459 50751 | Rear silencer                                 |                              |
| 36  | 4222 459 49701 | Bottom silencer                               |                              |
| 37  | 4222 459 50921 | Wire socket                                   |                              |
| 38  | 4222 459 50811 | Rear wheel bush                               |                              |
| 39  | 4222 459 50771 | Rear wheel assy                               | Electric Orange              |
| 40  | 4322 006 01400 | Cordset                                       | 6.3 m Europe                 |
| 41  | 4322 004 21121 | <b>Hose assy incl. Dragon Bend</b>            |                              |
| 42  | 4222 459 49671 | 2 piece Telescopic metal tube incl. extension |                              |
| 43  | 4222 459 49901 | Crevice nozzle                                | Dark Raven                   |
| 44  | 4222 459 50841 | Small nozzle                                  | Dark Raven                   |
| 45  | 4222 459 49711 | Brush nozzle                                  | Dark Raven                   |
| 46  | 4222 459 49691 | All Purpose nozzle D272 conical               | Dark Raven                   |

\* Standardized color

**EXPLODED VIEW**

**FC8286/01**





EXPLODED VIEW

FC8286/01

