HR7781/00





Philips Consumer Lifestyle

ServiceManual

PRODUCT INFORMATION

A new food Processor especially designed to minimize cleaning effort, leaving you with more time to enjoy cooking and dining!

- 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.

DISASSEMBLY- AND RE-ASSEMBLY ADVISE

- No specific issues.

OPTIONAL (accessories)

- No specific issues.



TECHNICAL INFORMATION

HR7781/00

- Electronics : μP controlled with special speed ramp up profile.

- Motor : AC Motor 1000 - 1200 W, with speed sensor.

- Speeds & Gearing : Planetary gearbox i = 1:5

2 speeds => 3000 / 600 rpm

10000 / 2000 rpm

(motor / application)

- Safety system : Traditional mechanical safety system for Bowl + Lid detection.

Bowl fixation
 Traditional system via bayonet.
 Drive and fixation tools
 Via "auto fix" coupling system.

- UI - switches : 4 push buttons 0-1-2-P

- Cord set : Free length 1,5 m.

- Cord storage : Wound up on the base of the motor unit.

- Tools : Chopping tool

Kneading tool Whisking tool

4 discs: slicing/shredding fine

Product size:

- Diameter base : ~ 237 mm (lower edge)

Height overall : ~ 460 mm
Excess length of handle : ~ 60 mm
Weight : 8,5 kg

Material descriptions:

- Bottom : PP

- Rubber feet : EPDM Rubber shore (A) = 40-45

- Housing : Alu die cast

- Plastic interface to Bowl : ABS

- Motor coupling : Stainless steel / Pressed Alu, anodized

- Big plastic Bowl : PC - Makrolon 2856

- Big Bowl Handle : ABS

Big Bowl Lid : PC - Makrolon 2856
 Pusher : PC - Makrolon 2856

- Chopping /kneading /whisking tool : Hostaform C9021 & Stainless steel

- Chopping knife protecting cap : PET

- Discs : Hostaform C9021 & Stainless steel

- Toolholder : Pressed Alu, anodized

MOTOR REPAIR HR7781/00

1. step: remove bottom

- Pull the 2 glued rubber studs from Bottom.

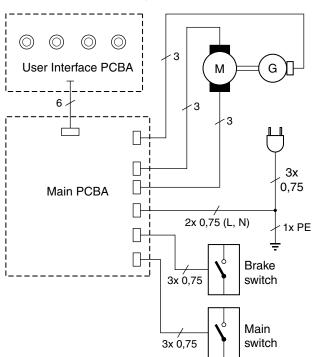


- Open screws (6x) with a philips screw driver.

After that you can remove the bottom from appliance.



Device interconnection diagram



2. step: remove airtunnel bottom

- Open the screws with a philips screw driver.



3. step: now you can check the motor



Serial number explanation:

- The serial number can be identified on the typeplate sticker.

See example below



Unique appliance ID combined with production date: DA00YYWWD XXXXX

DA (Domestic Appliances)

00 (used for major technical changes)

YY (Year) WW (Week)

D (Day / 1 = Monday)

XXXX|X (serial number, 5-digits starting at 0001 at first day

of each production week)

PARTS LIST & EXPLODED VIEW

HR7781/00



Pos	Service code	Description
1	4203 035 90030	Pusher
2	4203 035 89500	Bowl Lid assy
3	4203 035 89510	Bowl assy
4	4203 035 89520	Toolholder
5	4203 035 89530	Combi shredding disc
6	4203 035 89540	Combi slicing disc

Pos	Service code	Description
7 8 9	4203 035 89550 4203 035 89560 4203 035 89570	French fry disc Chopping knife + Protection Kneading tool
10 11 12	4203 033 89570 4203 035 89580 4203 035 89590 4203 035 89600 4203 035 89610	Whisking tool assy Balloon beater assy Power Unit assy WEu Power Unit assy GB