



HR1614

HR1615

HR1617

HR1618

HR1613/83
HR1614/90
HR1615/90
HR1617/83
HR1617/90
HR1618/90
HR1618/98

Philips Consumer Lifestyle

Version A

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.

DISASSEMBLY- AND RE-ASSEMBLY ADVICE

- No specific issues

OPTIONAL (accessories)

- No specific issues

TECHNICAL INFORMATION

High voltage:

- Voltage : 220 - 240 V
- Frequency : 50 - 60 Hz
- Power : 650 W
- Temp. protection : TCO

Vario Speed:

Motor Speeds:

- Turbo : 16000 rpm \pm 1600 rpm
- Speed - min : 8000 rpm \pm 800 rpm
- Speed - max : 14400 rpm \pm 1400 rpm

Cord:

Plug:

- Type : H03VVH2-F2 x 0,75 - black
- Cable end : free end twisted and soldered
- Free Length : 1,2 m

Dimensions Powerunit (Incl. bar):

- Length : 80 mm
- Width : 65 mm
- Height : 390 mm

- Weight : 825 g (Powerunit + bar + cordset)

Potato masher:

- Diameter : 100 mm
- Height : 233 mm
- Weight : 215 g

TECHNICAL INFORMATION

HRI613/83
HRI614/90
HRI615/90
HRI617/83
HRI617/90
HRI618/90
HRI618/98

Materials and additional technical informations:

- Housing : PP & SEBS
- Chopper Interface : POM + GF
- Chopper Beaker : SAN
- Protection cap : TPE
- Beaker : SAN
- Oval beaker : SAN
- Lids : LDPE
- Whisk unit : PP / Stainless steel

Potato masher:

- Coupling : PP
- Bar : PP
- Paddle : PP + glass fibre 30 %

Metal bar:

- length : 207 mm
- diameter barcage : 63 mm
- weight : approx. 170 g

XL Chopper (750ml), Compact Chopper (400 ml):

- Pull out force of coupling spring : min. 150 N
- Gear ratio : 1:4
- Speed (with "Turbo" button) : 4000 rpm \pm 400 rpm
- Sound power level : < 85 dB(A)

Whisk Accessory:

- Gear ratio : 1:13,5
- Speed (with "Turbo" button) : 1200 rpm \pm 120 rpm
- Sound power level : < 85 dB(A)
- Force to attach the shaft in the gear box : 23,5 N \pm 4,5 N
- Force to detach the shaft out of the gear box : 23,5 N \pm 4,5 N
- Power consumption (No load) : max. 30 W

Motor:

- DC HV/LV motor from Johnson
Type : DC751(2)XLLG

Volumes:

- Beaker : 1000 ml
- Oval beaker : 1700 ml

PARTSLIST + EXPLODED VIEW

**HRI613/83
HRI614/90
HRI615/90
HRI617/83
HRI617/90
HRI618/90
HRI618/98**



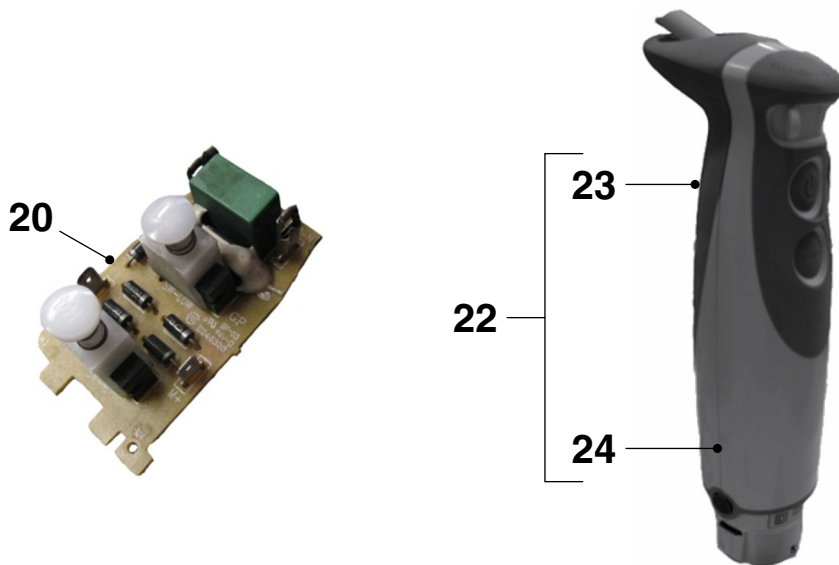
Pos	Service code	Description	HRI613	HRI614	HRI615	HRI617	HRI618
1	4203 035 96071	Blender bar metal	X	X	X	X	X
2	4203 035 95151	Protecting cap for metal bar	X	X	X	X	X
3	4203 035 96081	Whisk coupling unit	X			X	X
4	4203 035 95171	Whisk	X			X	X
5	4203 035 96101	Round beaker + lid		X	X		X
6	4203 035 96111	Oval beaker + lid	X			X	
7	4203 035 98811	Mini Chopper lid	X		X		
8	4203 035 98821	Mini Chopper blade unit	X		X		
9	4203 035 98831	Mini Chopper bowl	X		X		
10	4203 035 96121	XL Chopper lid				X	X
11	4203 035 96131	XL Chopper blade unit				X	X
12	4203 035 96141	XL Chopper bowl				X	X
13	4203 035 98701	Potato masher complete					X
14	4203 035 98711	Potato masher Coupling Unit					X
15	4203 035 98721	Potato masher Bar					X
16	4203 035 98731	Potato masher paddle					X

Partslist for repair

HRI613/83
HRI614/90
HRI615/90
HRI617/83
HRI617/90
HRI618/90
HRI618/98

Pos	Service code	Description
20	4203 036 0015 I	PCB assy + Switch activation knobs + Spring HV *
21	4203 036 0020 I	Screw caps (2x) - Not shown
	4203 036 0052 I	Screw caps (2x) KR - Not shown
22	4203 036 0021 I	Power Unit assy incl. Cordset TR
	4203 036 0022 I	Power Unit assy incl. Cordset KR
23	4203 036 0023 I	Housing
	4203 036 0053 I	Housing KR
24	4203 036 0024 I	Bottom + Terminals + Cordset TR
	4203 036 0025 I	Bottom + Terminals + Cordset KR

* Can be sale to all countries, except China, Caribbean, Brazil & Taiwan



REPAIR INSTRUCTIONS

- Remove the 2 screw caps with a small knife and remove the screws.
- Separate the two halves of the housing.

