



HR1614

HR1615

HR1617

HR1618

HR1613/83  
HR1614/90  
HR1615/90  
HR1617/83  
HR1617/90  
HR1618/90  
HR1618/91  
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 - 240V
- Frequency : 50 - 60 Hz
- Power : 650W
- 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**  
**HRI618/91**  
**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  
HRI618/91  
HRI618/98**



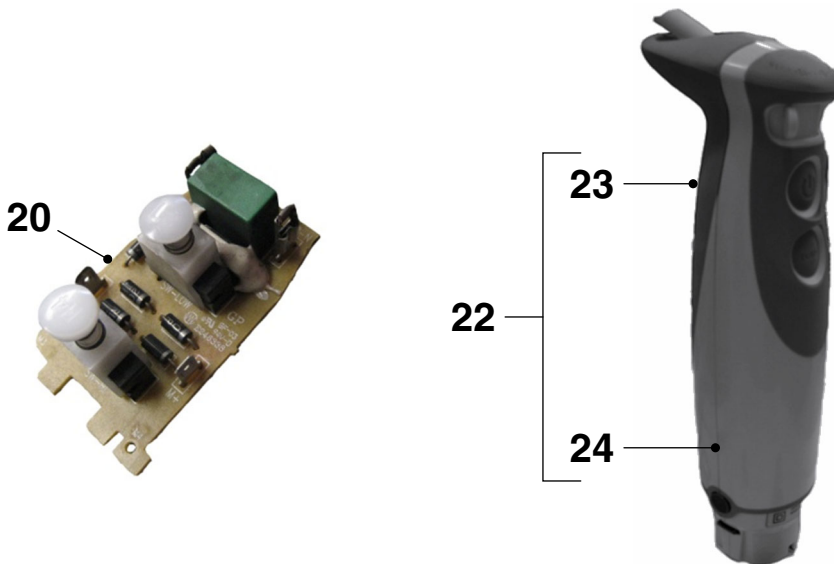
Pos	Service code	Description	HRI613	HRI614	HRI615	HRI617	HRI618
1	4203 035 96071	Blender bar metal	X	X	X	X	X
2	4203 035 95151	Protecting cap for metal bar	X	X	X	X	X
3	4203 035 96081	Whisk coupling unit	X			X	X
4	4203 035 95171	Whisk	X			X	X
5	4203 035 96101	Round beaker + lid		X	X		X
6	4203 035 96111	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**

Pos	Service code	Description
20	4203 036 00151	PCB assy + Switch activation knobs + Spring High voltage *
21	4203 036 00201	Screw caps (2x) - Not shown
	4203 036 00521	Screw caps (2x) Korea - Not shown
22	4203 036 00211	Power Unit assy incl. Cordset High voltage * Can be used up
	4203 036 00221	Power Unit assy incl. Cordset Korea Can be used up
	4203 036 00761	Power Unit assy incl. Cordset High voltage *
	4203 036 00771	Power Unit assy incl. Cordset Korea
	4203 036 00601	Power Unit assy incl. Cordset Australia
23	4203 036 00231	Housing
	4203 036 00531	Housing Korea
24	4203 036 00241	Bottom + Terminals + Cordset High voltage *
	4203 036 00251	Bottom + Terminals + Cordset Korea
	4203 036 00611	Bottom + Terminals + Cordset Australia

**HRI613/83**  
**HRI614/90**  
**HRI615/90**  
**HRI617/83**  
**HRI617/90**  
**HRI618/90**  
**HRI618/91**  
**HRI618/98**

\* Can be sold 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.

