Service
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HR1869/00
HR1869/05
HR1870/00
HR1870/01
HR1870/05
HR1870/90
RI1870/00
RI1870/01

Philips Consumer Lifestyle

Version A

Service Manual

PRODUCT INFORMATION

General:

Juicer - easy to clean easy to use

Safety 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 V - 240 V
- Frequency : 50 Hz - 60Hz
- Type plate Wattage : 700 W

Low Voltage

- Voltage : 110 V - 120 V
- Frequency : 50 Hz - 60Hz
- Type plate Wattage : 700 W

- Cord length : 1 m

- Dimensions:
  Length : 270 mm
  Width : 245 mm
  Height : 430 mm (incl. pusher)
  Weight : 4300 g

- Speeds : 1 - 7500 rpm
  2 - 10000 rpm

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TECHNICAL INFORMATION

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Used materials:

- Housing : ABS
- Bottom : PP
- Feet base : PA 6.6
- Feet insert : EPDM rubber
- Speed knob Base Knob : ABS
  Knob cover : SAN
- Tray body : ABS
- Pulp indication window : SAN
- Spout body : POM
- Spout tube : Stainless steel
- Spout accessory : ABS
- Juicer lid body : SAN
- Juicer ring safety ring : ABS
- Pusher : ABS
- Pulp container : ABS
- Sieve : Stainless steel
- Sieve coupling : Polyphenylenoxid
  incl. 30 % Fibers (PPO GF30)
- Juice jug : SAN
- Foam seperator : ABS

	HR1869	HR1870 / RI1870
Input Power	700 W	
Speeds	2	
Pulp Container	Integrated	
Juice Jug (incl. foam separator	1250 ml + 20 % margin	
Sieve	Stainless steel	
Juice collector	Yes	
Juicer lid with feeding tube	80 mm	
Lid fixation locking arm	Yes	
Pusher	Yes	
Spout	Yes	
Drip stop	Yes, detachable (one glass spout)	
Cleaning brush	No	
Feet	Rubber inserts	
Cord storage	Yes - Manual around feet	
Housing materials	Plastic	
Dishwasher friendly parts	Yes (all detachable parts)	
Citrus press accessory	No	Yes

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Pos	Service code	Description
1	4203 035 96721	Pusher
2	4203 035 96731	Lid
3	4203 035 96741	Juice collector with spout
4	4203 035 96751	Integrated pulp container
5	4203 035 96761	Spout accessory
6	4203 035 96771	Detachable spout with drip stop
7	4203 035 96781	Filter
8	4203 035 96791	Juice jug + Lid

3D VIEW FOR REPAIR

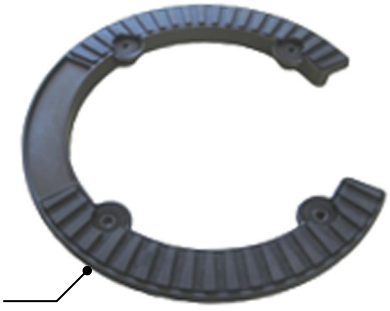
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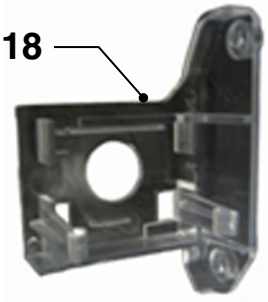


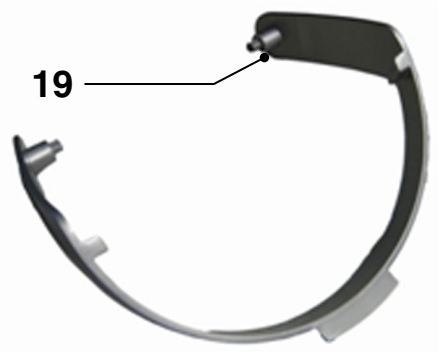


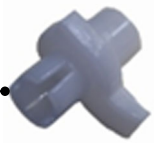






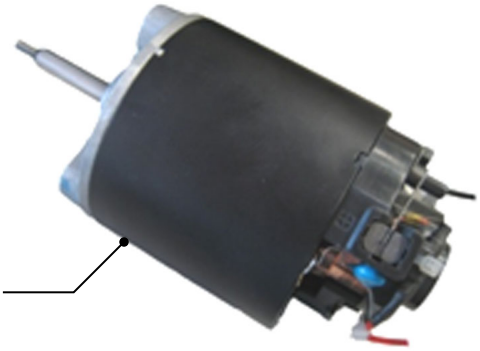








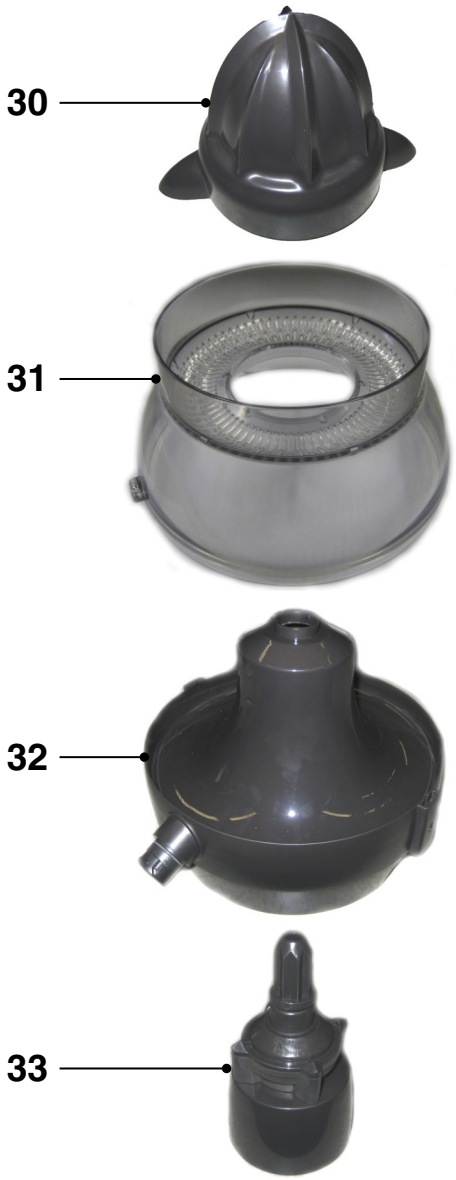






Pos	Service code	Description
9	4203 035 96801	Driving shaft
10	4203 035 98471	Main housing + motor crussion and stopper
	4203 035 98841	Main housing Walita
11	4203 035 96821	Rubber ring
12	4203 035 96831	Bottom incl. Current limiter
13	4203 035 96841	Anti slip ring
14	4203 035 96851	On/Off knob
15	4203 035 96861	On/Off switch electronic
16	4203 035 96871	Safety switch
17	4203 035 96881	Brack switch support assembly
18	4203 035 96891	Plastic holder for On/Off switch
19	4203 035 96901	Locking arm
20	4203 035 96911	Locking arm stopper right
21	4203 035 96921	Locking arm stopper left
22	4203 035 96931	PCBA 220 - 240 V
	4203 035 99171	PCBA (LV) BR
23	4203 035 96941	Motor 220 - 240 V
	4203 035 99181	Motor 127 V (LV) BR
24	4203 035 96951	Power cord WEu
	4203 035 96961	Power cord CN
	4203 035 96971	Power cord TW
	4203 035 96981	Power cord UK
	4203 035 97001	Power cord BR

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Pos	Service code	Description
30	4203 035 98481	Press cone
31	4203 035 98491	Lid
32	4203 035 98501	Juice collector
33	4203 035 98511	Driving spindle

1. **Remove the Bottom**

First you have to remove the anti slip ring.





Open all 4 screws (T15) to remove the Bottom.





2. **Change the driving shaft**

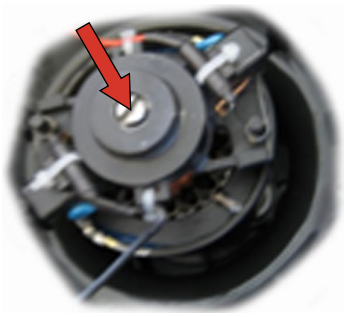
First you have to remove the bottom (see point 1.)

Remove the cap, use a small screw driver.



Turn both screws to the left direction,
and hold the motorschaft on the back side.

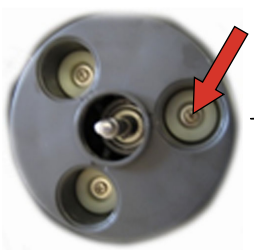


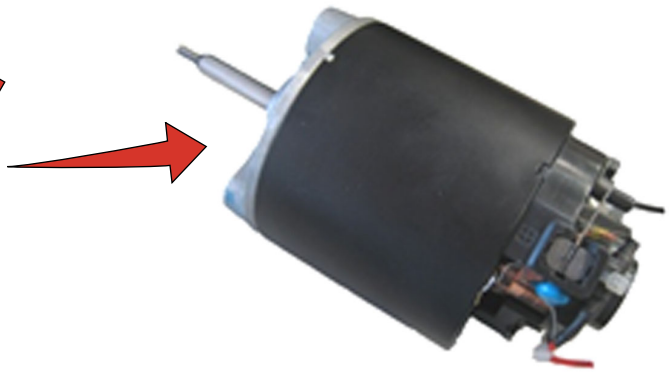


3. **Change the motor**

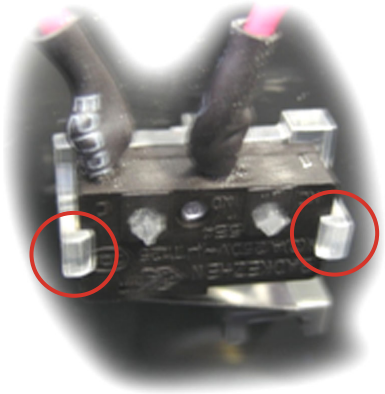
First you have to remove the driving shaft (see point 2.)
Then remove the 3 caps and the 3 screws on the top of housing.



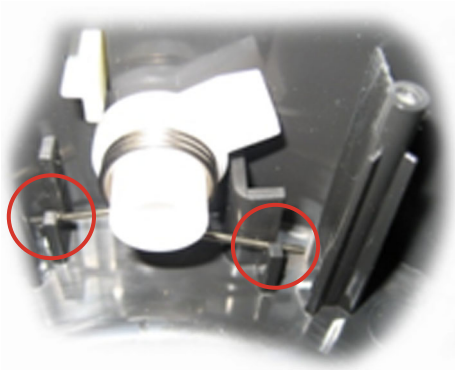




4. **Remove the safety switch**
   When you open both flaps you can remove the safety switch.



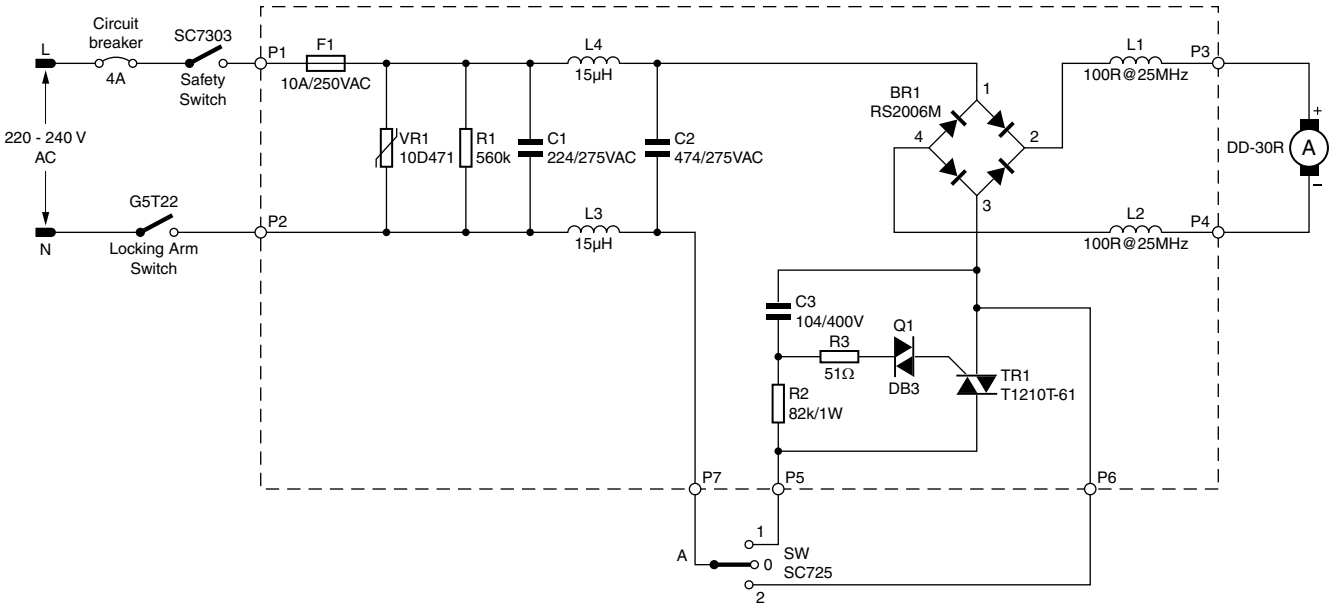
5. **Remove the locking arm**
   Remove on each side the springs.



Open the screw on both sides.



Circuit diagram High Voltage Version (without brake)



Circuit diagram Low Voltage Version (without brake)

