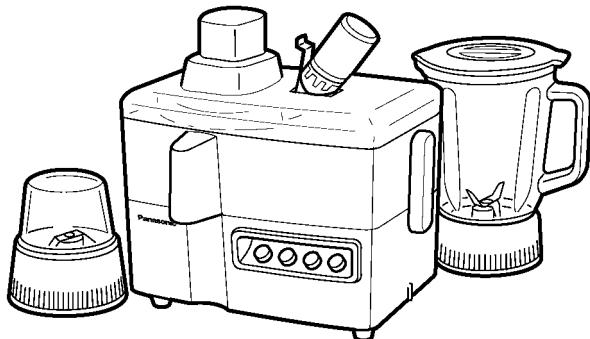


Service Manual

Juicer / Blender

Model No. MJ-J176PWTC

Destination : UAE , PGF



⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by  in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

TABLE OF CONTENTS

	PAGE		PAGE
1 Safety Precautions	2	6.4. Power cord	12
2 Specifications	3	6.5. Clamps A and B	12
2.1. MJ-J176PWTC	3	6.6. Switch, Switch plate	12
3 Location of Controls and Components	4	6.7. Clearance adjustment	13
4 Operating Instructions	5	6.8. Glass container and cutting blade	14
4.1. How to use	5	6.9. Mill container and mill cutter	15
4.2. Safety	7		
4.3. How to clean	8		
5 Troubleshooting Guide	9		
5.1. The Juicer, the Blender commons	9		
5.2. The Juicer	9		
5.3. The blender	11		
6 Disassembly and Assembly Instructions	12		
6.1. Coupler	12		
6.2. Bottom plate and motor	12		
6.3. Carbon brush	12		
		7 Wiring Connection Diagram	16
		7.1. Schematic diagram	16
		7.2. Basic wiring diagram	16
		8 Exploded View and Replacement Parts List	17
		8.1. MJ-J176PWTC	17

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1 Safety Precautions

The precautions listed below must be followed in order to prevent accidents during repair and ensure the safety of the product after repair.

■ The following labels describe the degree of danger and damage that might result through non-compliance with these precautions.

	Danger	This section warns of the urgent danger of death or serious injury.
	Warning	This section warns of the risk of death or serious injury.
	Caution	This section warns of the risk of injury or damage to property.

■ The following labels describe the types of rules that need to be followed.
(These labels are examples.)

	This label shows a "reminder" action to be paid attention to.
	This label shows a "prohibited" action.
	This label shows a "compulsory" action to be followed without fail.

Warning

After repair, return wiring to its original condition.



Rotary parts or part extremities that contact lead may cause failure, electrical shock, or fire.

Before repair.

CUT
A.C.
POWER
LINE

Make sure to cut off the power line before disassembly, parts replacement, and assembly.
Otherwise, electrical shock or injury may occur.

Use a designated part



Make sure to use a designated part when the part is marked in circuit diagrams and parts lists.
Otherwise, smoke, fire, or failure may occur.

Wait until the rotary part has stopped completely.



You may injure your hands even when the part is rotating slowly.

Do not touch

Caution

Wear gloves for disassembly, replacement and assembly.



Make sure to wear gloves in order to prevent injuries by metal edges and electric shock when the power is turned on.

CAUTION

- Maximum capacity : 1,000ml. (Blender)
- Do not crush ice cubes alone.
- Dice solid foods first. Blend with liquid.
- Do not operate blender longer than 3 minutes at one time.
Stop for 1 minutes, then resume.

2 Specifications

2.1. MJ-J176PWTC

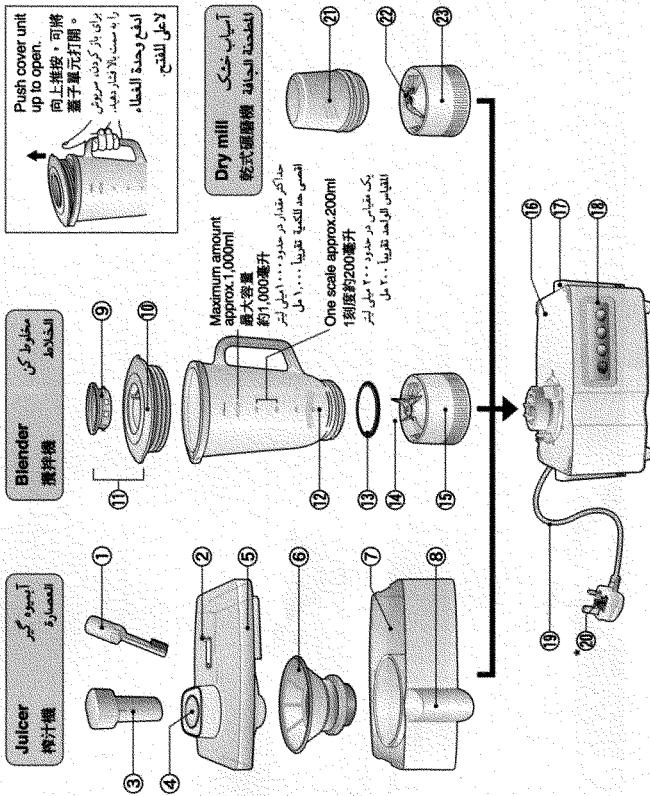
	Using Juicer	Using Blender	Using Dry mill
Power supply		220-240V 50-60Hz	
Power consumption		210-230W	
Power Cord		0.9m(With S3 plug)---WTZ 0.9m(With C2 plug)---WTC	
Rotation Speed		(Juicer) 12,000-13,100r.p.m. (Blender) 11,700-12,700r.p.m.	
Switch Control		(Juicer) ON / OFF Push button type (Blender) 2 Speed Push button and pulse	
Operation rating	Continuous (Repetition 2 min. ON, 2 min. OFF)	Continuous (Repetition 3 min. ON, 1 min. OFF)	Continuous (60 seconds at a time)
Container capacity	-	Maximum 1,000ml	Maximum 50g
Dimensions (H x W x D)	approx. 32.3 x 28.8 x 21.2cm	approx. 38.2 x 28.8 x 17.1cm	approx. 26.4 x 28.8 x 17.1cm
Weight	approx. 3.2kg	approx.3.5kg	approx.2.7kg
Attachment		Cleaning brush	

Specifications are subject to change without notice.

3 Location of Controls and Components

2 Parts Names and Handling Instructions 零件名稱及處理說明

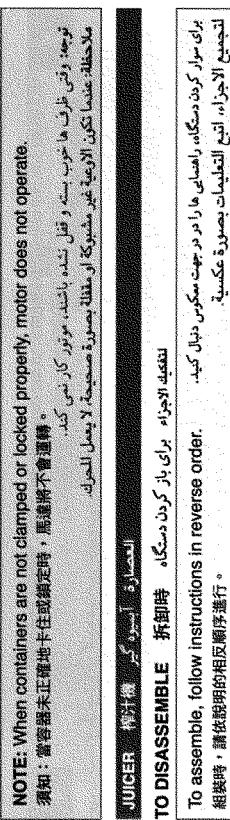
- Please wash each part, before use the appliance first time. (P.10-11頁)
 - 在首次使用產品之前，請清潔每個部件。〈第10-11頁〉



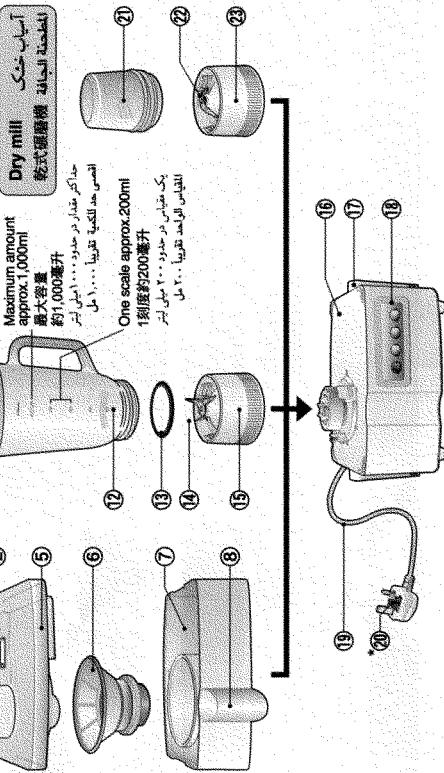
English	中文	英文	中文	英文
Cleaning brush	① 清洁刷	① Brush	刷子	brush
Opening for brush	② 刷子用开口	② Brush opening	刷子开口	opening for brush
Food pusher	③ 食料推具	③ Feeding tool	推料工具	feeding tool
Feeder opening	④ 食料口	④ Feeding mouth	料口	feeding mouth
Container cover	⑤ 瓶盖	⑤ Container cover	容器盖	container cover
Spinner	⑥ 旋转盖	⑥ Spinning lid	旋转盖	spinning lid
Juice container	⑦ 果汁容器	⑦ Juice container	果汁容器	juice container
Spout cover	⑧ 出口盖	⑧ Spout cover	出料口盖	spout cover
Cap	⑨ 瓶盖	⑨ Cap	瓶盖	cap
Cover	⑩ 盖子	⑩ Cover	盖子	cover
Cover unit	⑪ 盖子单元	⑪ Cover unit	盖子单元	cover unit
Blender container	⑫ 料杯容器	⑫ Blender container	料杯容器	blender container
Gasket	⑬ 垫圈	⑬ Gasket	垫圈	gasket
Blender cutting blades	⑭ 料杯切削刀	⑭ Blender cutting blades	料杯切削刀	blender cutting blades
Blender container base	⑮ 料杯容器底座	⑮ Blender container base	料杯容器底座	blender container base
Motor housing	⑯ 电机底座	⑯ Motor housing	电机底座	motor housing
Clamp	⑰ 夹头	⑰ Clamp	夹头	clamp
Switch panel	⑱ 面板	⑱ Switch panel	面板	switch panel
Cord	⑲ 电源线	⑲ Cord	电源线	cord
Plug	⑳ 插头	⑳ Plug	插头	plug
Mill container	㉑ 料筒容器	㉑ Mill container	料筒容器	mill container
Mill cutting blades	㉒ 料筒切削刀	㉒ Mill cutting blades	料筒切削刀	mill cutting blades
Mill container base	㉓ 料筒容器底座	㉓ Mill container base	料筒容器底座	mill container base

نام بخشش ها و راهنمای استفاده انسانی الگریز و تطبیقات الاستعمال

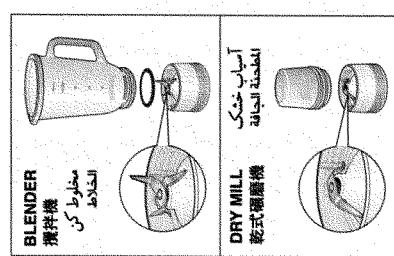
NOTE: When containers are not clamped or locked properly, motor does not operate.



1



CAUTION:



6

5 Troubleshooting Guide

5.1. The Juicer, the Blender commons

5.1.1. SYMPTOM : Motor doesn 't rotate.

Cause	Remedy
Switch malfunction	Replace the switch
Cord cut or disconnected	Replace the cord

5.1.2. SYMPTOM : Motor “ roars ” but doesn 't rotate.(Turn the switch off immediately.)

Cause	Remedy
Motor bearing rushed	Disassemble and apply oil, or replace the motor

5.1.3. SYMPTOM : Motor overheats.

Cause	Remedy
High voltage	Adjust it
Shorted motor	Replace the motor
Eccentric main shaft gear part	Replace the part
Main shaft is hard to operate	Disassemble and adjust it or replace it
Unloaded operation	Be sure that something is in the container before operating
Overload (rotation is impeded by a hard object, or a high viscosity substance in the container)	Refer to operation

5.1.4. SYMPTOM : Unusual odor

Cause	Remedy
Overheating	Refer to the section concerning overheating of the motor
Liquid leaking into motor	Refer to the section concerning liquid leakage
Motor absorbing moisture	Dry the motor or replace it

5.2. The Juicer

5.2.1. SYMPTOM : Motor “ roars ” but doesn 't rotate (switch off immediately)

Cause	Remedy
The spinner is contacting bottom of inlet	After removing cutter base, decrease the number of adjustment rings
Foreign materials are clogged between the spinner and the cutter	Remove them
Hard materials or seeds are clogged between the inlet bottom and the cutter	Remove them

5.2.2. SYMPTOM : Noise, vibration

Case	Remedy
Deformation of spinner	Replace the spinner
Residue has collected unevenly	Clean the spinner
Incompletely fastened clasp	Fasten it completely Replace it
The fastening part of the container cover clasp is worn out	Replace the cover
Incompletely fastened back cover	Fasten it completely
Incorrect placement of the main unit	Inspect the rubber feet Use on a level surface

5.2.3. SYMPTOM : The spinner is difficult to install and remove

Cause	Remedy
The clutch pin of the cutter base doesn't operate smoothly	Examine the clutch pin; replace it if necessary
Foreign materials are clogged between the cutter base and the spinner base	Remove them

5.2.4. SYMPTOM : Juice is poorly extracted

Cause	Remedy
Cutter doesn't operate well	Replace complete spinner
Spinner is broken	Replace complete spinner
Continuous use for a long period	Remove the residue
Too large a gap between inlet bottom and cutter blade	Adjust it within the range of 0.5 - 0.9mm

5.2.5. SYMPTOM : Juice contains too much residue

Cause	Remedy
Cutter blade is worn out	Replace the spinner (complete)
Gap between inlet bottom and cutter blade is too large	Use two or three adjusting washers on the motor shaft

5.2.6. SYMPTOM : Cutter rubs against inlet bottom

Cause	Remedy
Gear incompletely engaged between cutter base and spinner	Engage the gear
Too many adjustment rings on the motor shaft	Decrease the number of adjustment rings and adjust the gap within the range of 0.5 - 0.9mm

5.2.7. SYMPTOM : Leakage of juice

Cause	Remedy
Container and/or cover deformed or broken	Replace the container or cover
Incorrect clasp fastening	Examine the clasp; adjust the fastening force
Foreign materials are clogged between the container cover and the container	Clean it and remove them
Excessive vibration	Clean it and adjust the spinner balance

5.3. The blender

5.3.1. SYMPTOM : Cutter won ' t rotate

Cause	Remedy
Main shaft binding	Disassemble and oil, or replace

5.3.2. SYMPTOM : Motor rotates but cutter doesn ' t rotate

Cause	Remedy
Gear is worn out	Replace the gear (cutter base)

5.3.3. SYMPTOM : Noise, vibration

Cause	Remedy
Bad gearing of container and motor	Make the gearing correct
Gear is eccentric (bearing)	Repair or replacement (bearing)
Deformed or broken cutter	Repair or replacement

5.3.4. SYMPTOM : Juice leakage

Cause	Remedy
Broken container	Replace the container
Bad container base	Replace the packing
Loose fastened part	Fasten it tightly
Main shaft is worn out	Replace the main shaft and bearing

(Notes)

Do not attempt to clean parts with boiling water.

Do not attempt to use fire to quickly dry parts.

Orange juice stains, etc. can be removed by using alcohol or detergent. Avoid using volatile substances when cleaning.

6 Disassembly and Assembly Instructions

6.1. Coupler

1. Remove the coupler cap.
2. With the coupler fixed, remove the coupler nut by using a screwdriver.
3. Remove the coupler by pulling it upward.

6.2. Bottom plate and motor

1. The bottom plate can be detached by removing the 4 setscrews.
2. Pull out the connection terminal of the AC motor. Then the motor can be detached.

6.3. Carbon brush

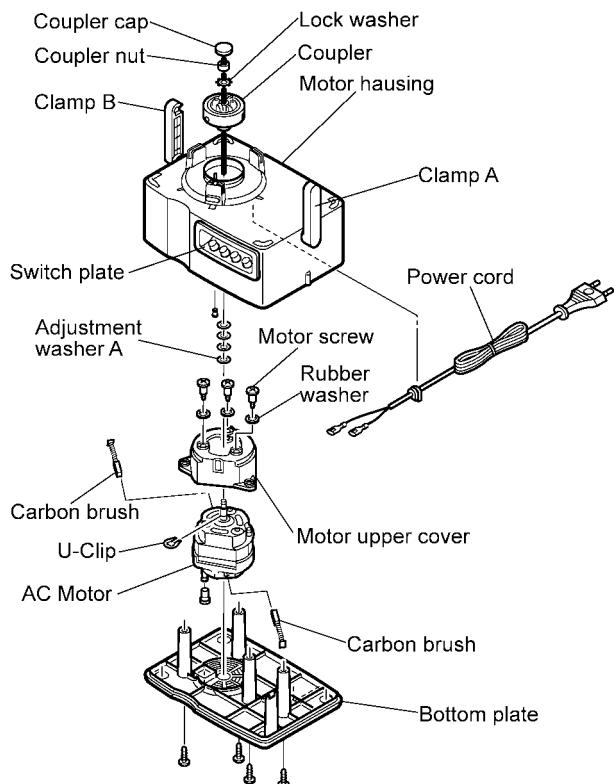
1. Remove the AC motor.
2. Raise the carbon brush terminal claws to detach the carbon brush.

Cautions for Replacement

- Replace the right and left carbon brushes simultaneously.

6.4. Power cord

1. Remove the bottom plate.
2. Remove the power cord from the AC motor housing and replace it with new one.



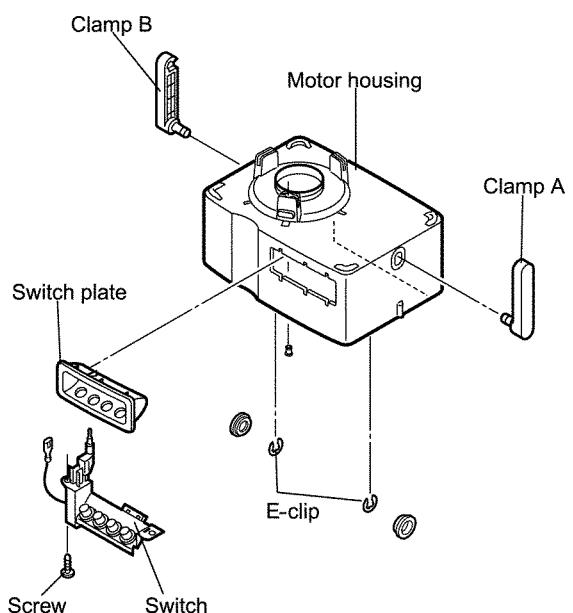
6.5. Clamps A and B

1. Remove the bottom plate.
2. Detach the E-clip for each clamp. Then the clamps can be replaced.

• Clamps A and B are marked with "A" and "B" on the rear side respectively. Therefore, check the marks and install the clamps A and B in correct positions.

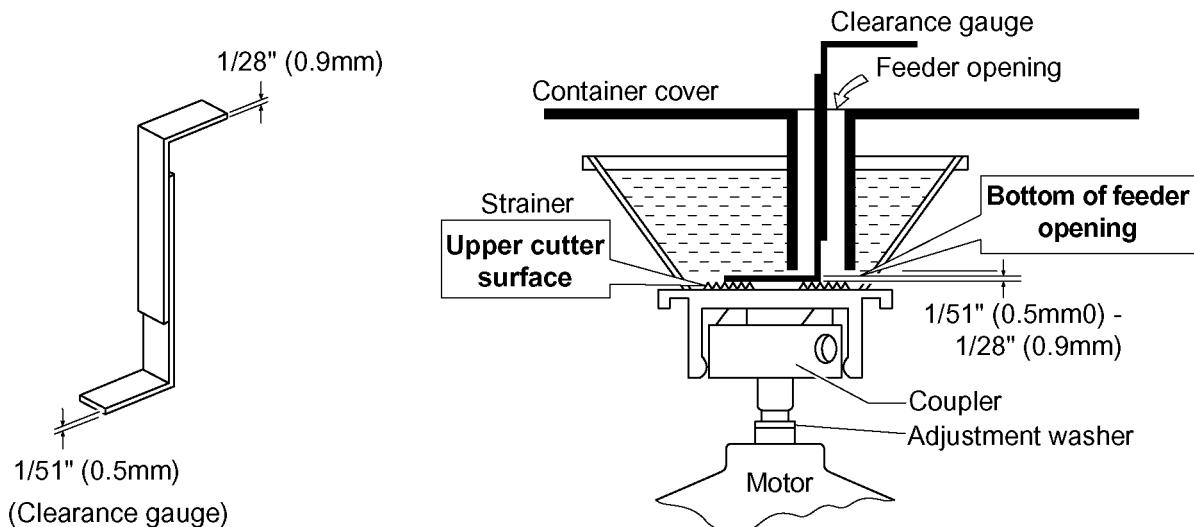
6.6. Switch, Switch plate

1. Remove the bottom plate.
2. Remove the 1 setscrew of the switch.
3. Pull out the connection terminal of the switch.
4. To remove the switch plate, remove the switch beforehand. Next, remove the two claws of the switch plate out of the motor housing.



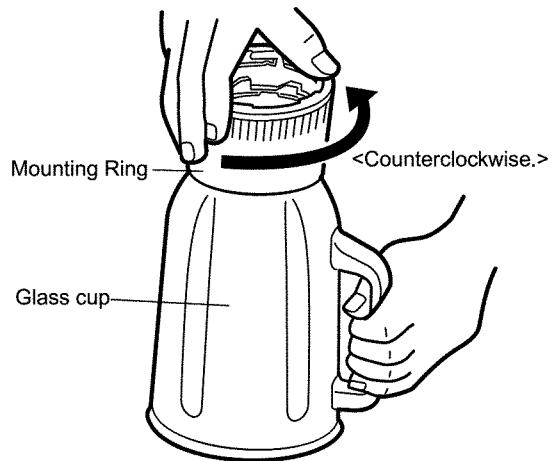
6.7. Clearance adjustment

1. Insert the clearance gauge between the upper cutter surface of spinner (extractor) and the bottom of feeder opening.
2. when the thinner side (1/51" ... 0.5mm) can be inserted and the thicker side (1/28" ... 0.9mm) cannot, the clearance is appropriate.
3. If the thicker side (1/28" ... 0.9mm) can be inserted, the clearance is too large.
In that case, remove the coupler and add some adjustment washers onto the motor shaft.
4. In the thinner side (1/51" ... 0.5mm) cannot be inserted, the clearance is too narrow.
In that case, remove the coupler and take off some adjustment washers from the motor shaft.



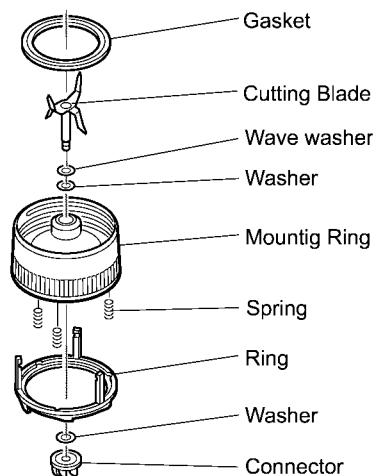
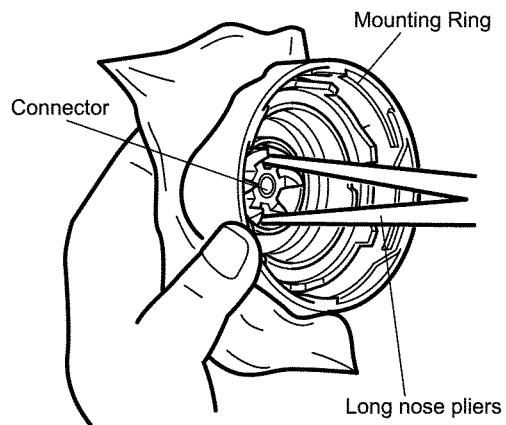
6.8. Glass container and cutting blade

1. Remove the cover, then turn the glass container up-side-down.
2. Secure the glass cup and turn the mounting ring counterclockwise.



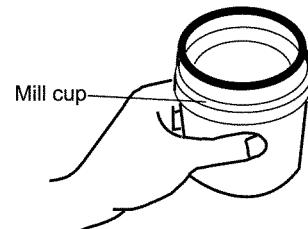
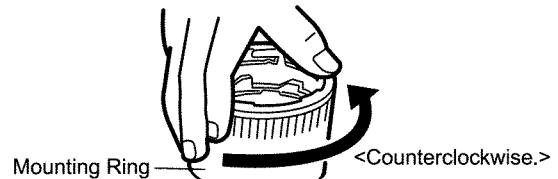
3. The gasket (upper) can be removed.
4. Wrap the cutting blade with a cloth for protection and secure it.
5. Turn the upper connector clockwise with long nose pliers. Then the cutting blade, and upper connector can be removed.

• The parts can be assembled by reversing the disassembly procedure.



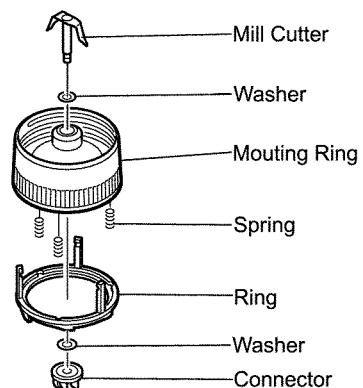
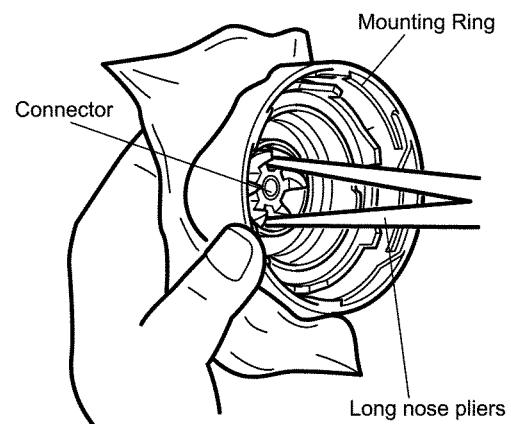
6.9. Mill container and mill cutter

1. Remove the cover, then turn the mill container up-side-down.
2. Secure the glass cup and turn the mounting ring counterclockwise.



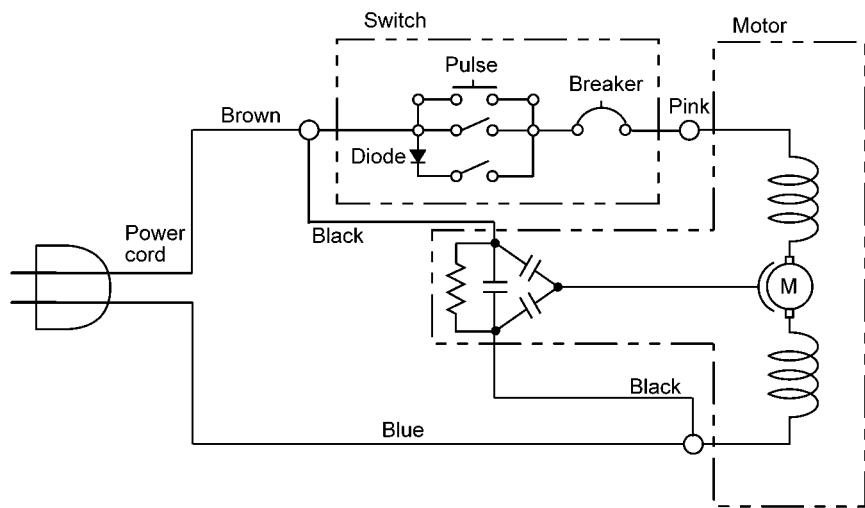
3. Wrap the cutting blade with a cloth for protection and secure it.
4. Turn the upper connector clockwise with long nose pliers. Then the mill cutter, and upper connector can be removed.

• The parts can be assembled by reversing the disassembly procedure.

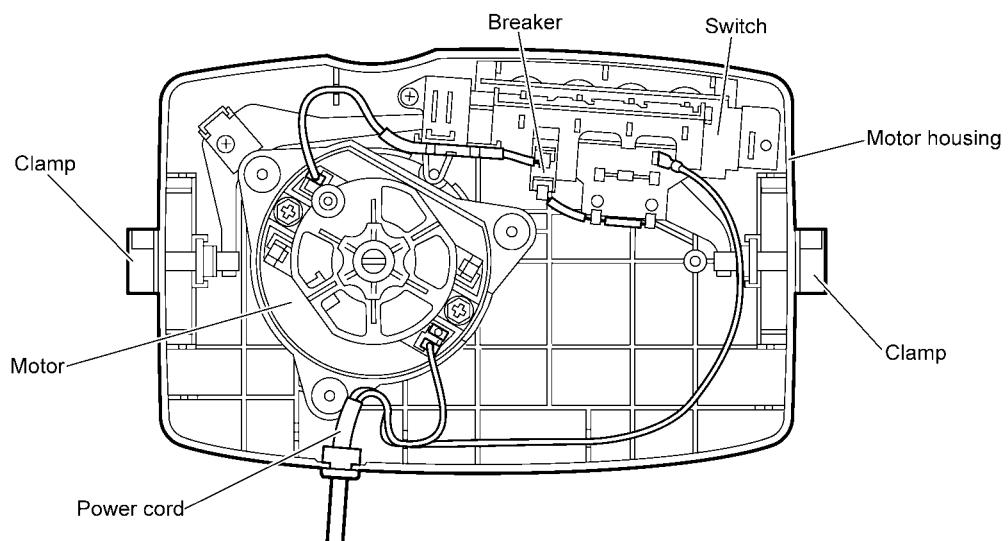


7 Wiring Connection Diagram

7.1. Schematic diagram



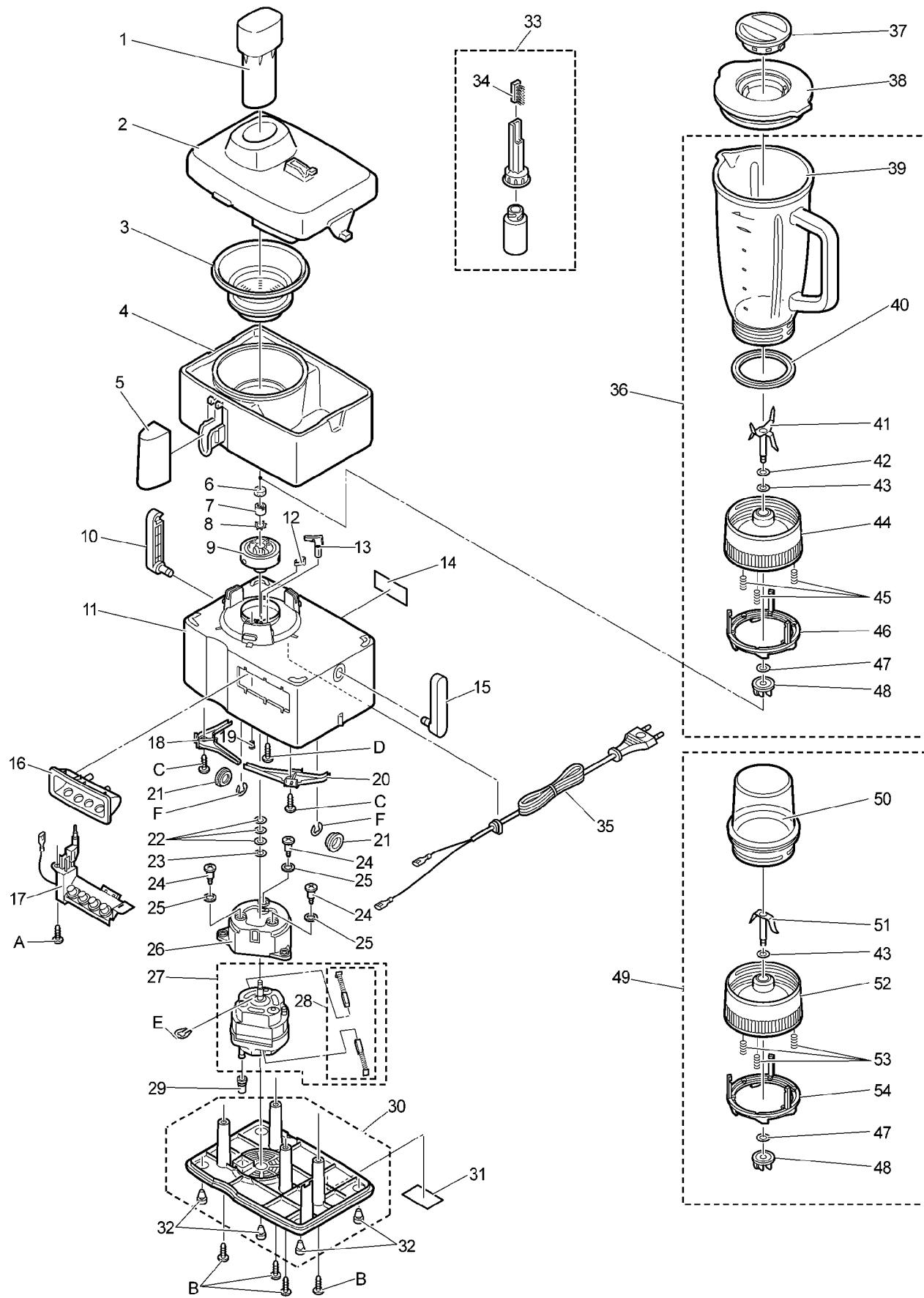
7.2. Basic wiring diagram



8 Exploded View and Replacement Parts List

8.1. MJ-J176PWTC

8.1.1. PARTS LOCATION



8.1.2. REPLACEMENT PARTSLIST

Notes:Important safety notice

- Components identified by  mark have special characteristics important for safety.
- " When replacing any of these components use only manufacturer's specified parts."

Model No. MJ-J176PWTC

Safety	Ref. No.	Part No.	Part Name & Description	Pcs/Set	Remarks
				J176PWTC	
<PARTS LIST>					
	1	AJD08-129-W	Food pusher	1	
	2	AJD93-129-H	Container cover	1	
	3	AJA04-144	Strainer	1	
	4	AJD98-129-W	Container	1	
	5	AJD07-129-W	Spout cover	1	
	6	AJF03-123	Coupler cap	1	
	7	AJF02-108	Coupler nut	1	
	8	AMJ18C-600	Lock washer	1	
	9	AMJ99C-A00	Coupler	1	
	10	AJG04-129-W	Clamp B	1	
	11	AJA02-144-W0	Motor housing	1	
	12	AJG01-142	Leaf spring	1	
	13	AJB04-142-W0	Safty device	1	
	14	AJY02-129-W	Caution label	1	
	15	AJG03-129-W	Clamp A	1	
	16	AJB03-129-G0	Switch plate	1	
	17	AJN99J129-A	Switch	1	
	18	AJG94-129	Clamp link B unit	1	
	19	AMJ50G-C30	Seal cap	1	
	20	AJG93-129	Clamp link A unit	1	
	21	AJG09-129	Spacer	2	
	22	AMJ09C-A00	Adjustment washer A	0-3	
	23	AMU64C-J710	Adjustment washer	0-1	
	24	AMX56A-980	Motor screw	3	
	25	AMJ26A-530	Support plate for motor	3	
	26	AJF11-129	Carbon brush	1	
	27	AJA08J129-0S	AC Motor	1	
	28	AMJ16F-K70-2	Carbon brush	1	It supplies by two sets.
	29	AMJ31A-440	Motor support rubber	1	
	30	AJB98-129-0S	Bottom plate	1	
	31	AJY03Y144	Name plate	1	
	32	AJB05-108-H	Foot	4	
	33	AMJ14Q-F60W	Cleaning brush	1	
	34	AMJ51B-421W	Brush	1	
	35	AJP99-129-W	Power cord	1	C-2.AC220V-240V
	36	AVA03-223-W0	Glass container assy	1	
	37	AVE44-180-X	Cover B	1	
	38	AVE02-180-W	Cover A	1	
	39	AMX03B-R60	Glass container	1	
	40	AMX05B-831	Gasket	1	
	41	AVA05-223	Cutting blade	1	
	42	AMX13B-451	Wave washer	1	
	43	AMX27B-692	Washer	2	
	44	AVE86-219-W0	Mounting ring	1	
	45	AVE18-180	Spring for slide peace	3	
	46	AVE17-219-W0	Slide peace	1	
	47	AMX27B-A10	Washer	2	
	48	AMX94B-H10R	Connector	2	
	49	AVA14-223-W0	Mill conteiner assy	1	
	50	AMX61B-L50	Mill conteiner	1	
	51	AMX95B-Q90	Mill cutter	1	
	52	AVE88-219-W0	Mounting ring	1	
	53	AVE18-180	Spring for slide peace	3	
	54	AVE17-219-W0	Slide peace	1	
<SMALL STANDARDIZED METAL PARTS>					
	A	XTN4+16BFJ	Screw	1	For switch
	B	XTN4+20BFJ	Screw	4	For bottom plate
	C	XTN4+16BFJ	Screw	2	For clamp unit
	D	XTN4+16BFJ	Screw	1	For safty device
	E	XUE6FPJ	U-clip	1	For motor
	F	XUC7FJ	E-clip	2	For clamp
<PACKING SPECIFICATIONS>					
		AJZ48Y14400S	Individual carton	1	POS Label set
		AJZ02-129	Carton filler(upper)	1	
		AJZ03-129	Carton filler(lower)	1	

Safety	Ref. No.	Part No.	Part Name & Description	Pcs/Set	Remarks
				J176PWTC	
⚠		AJZ50Y144	Operating instructions	1	
		AJZ05-108	Protect of cutter	1	
		AMJ70Z-K60	Protect plate	1	
		XZB15X55A015	Plastic bag	1	For cord

8.1.3. PACKING INSTRUCTION

