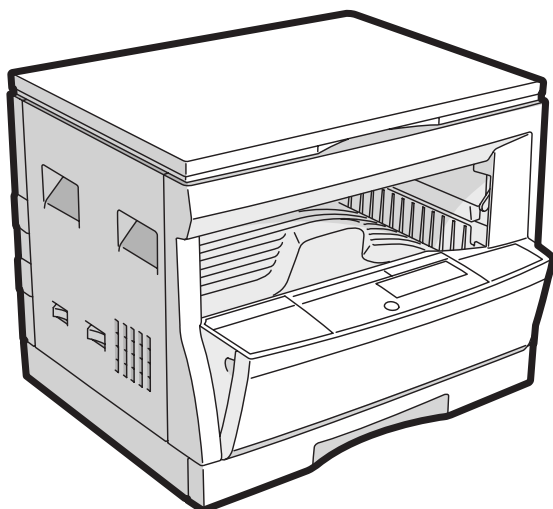


SHARP SERVICE MANUAL

CODE : 00ZAR5015/A1E



DIGITAL COPIER

MODEL AR-5015

CONTENTS

[1] GENERAL	Refer to AR-163
[2] SPECIFICATIONS	AR-5015
[3] CONSUMABLE PARTS	AR-5015
[4] EXTERNAL VIEWS AND INTERNAL STRUCTURES	AR-5015
[5] UNPACKING AND INSTALLATION	Refer to AR-163
[6] ADJUSTMENTS	Refer to AR-163
[7] SIMULATIONS	AR-5015
[8] USER PROGRAMS	Refer to AR-163
[9] TROUBLE CODE LIST	Refer to AR-163
[10] MAINTENANCE	AR-5015
[11] DISASSEMBLY AND ASSEMBLY	AR-5015
[12] FLASH ROM VERSION UP PROCEDURE	Refer to AR-163
[13] ELECTRICAL SECTION	AR-5015

PARTS GUIDE

Parts marked with "△" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

SHARP CORPORATION

This document has been published to be used
for after sales service only.
The contents are subject to change without notice.

Note for this Service Manual

This Service Manual describes only the items related to the AR-5015. For the other items common with the AR-163, please refer to the AR-162/163 Service Manual (Document code: 00ZAR162//A1E). The table below shows which document(s) should be referred to for each section. (Refer to the document marked with ○.)

Section	AR-163	AR-5015	Changed item
[1] NOTE FOR SERVICING	○		
[2] SPECIFICATIONS	○	○	Some specifications and option setup
[3] COSUMABLE PARTS		○	
[4] EXTERNAL VIEW AND INTERNAL STRUCTURE	○	○	Operation panel
[5] UNPACKING AND INSTALLATION	○		
[6] ADJUSTMENTS	○		The AR-5015 does not support installation of an option unit. (Note 1)
[7] SIMULATION	○	○	The AR-5015 does not support installation of an option unit. (Note 1)
[8] USER PROGRAM	○		The AR-5015 does not support installation of an option unit. (Note 1)
[9] TROUBLE CODE LIST	○		The AR-5015 does not support installation of an option unit. (Note 1)
[10] MAINTENANCE	○	○	The AR-5015 does not support installation of an option unit. (Note 1)
[11] DISASSEMBLY AND ASSEMBLY	○	○	
[12] FLASH ROM VERSION UP PROCEDURE	○		
[13] ELECTRICAL CIRCUIT	○	○	The AR-5015 does not support installation of an option unit. (Note 1)

Note 1: The AR-5015 does not support installation of an option unit such as SPF, paper feed unit, job separator, electronic sort unit, printer expansion unit, and FAX expansion unit. Therefore, the descriptions on option units in each section of the reference document (AR-162/163 S/M) should be disregarded.

[2] SPECIFICATIONS

The table below shows the specifications of this model and the contents of changes from the AR-163.

Item		AR-163	AR-5015
Copy speed		16 PPM	15 PPM
Multi-purpose tray		100 sheets	100 sheets
Standard tray		1 cassette (250 sheets)	1 cassette (250 sheets)
SOPM		Yes (Depends on the destination)	No
Option tray	1 tray	Option	No
	2 tray	Option	No
Original detection		No	No
Original cover		Yes	Yes
SPF		Option	No
Electronic sort		Option	No
Job separator		Option	No
FAX expansion unit		Option	No
Printer expansion unit		Option	No
FAX expansion memory		Option	No
LCD panel		Option	No
Dust cover		No	No
APS		Yes	No

[3] CONSUMABLE PARTS

1. SUPPLY SYSTEM TABLE

A. Latin America

NO	Name	Content	Life	Model name	Remark
1	Toner cartridge (Black) <With IC>	Toner (Toner: Net Weight 475g) Bag	×10 ×10	180K AR-015LT	Life setting by A4 (8.5"x11") 6% coverage
2	Developer	Developer (Developer: Net Weight 400g)	×10	500K AR-015CD	
3	Drum kit	Drum Drum fixing plate	×1 ×1	50k AR-015DR	

* For USA government

B. Middle East/Africa

NO	Name	Content	Life	Model name	Remark
1	Toner cartridge (Black) <With IC>	Toner (Toner: Net Weight 475g) Bag	×10 ×10	180K AR-015ET	Life setting by A4 6% coverage
2	Developer	Developer (Developer: Net Weight 400g)	×10	500K AR-015CD	
3	Drum kit	Drum Drum fixing plate	×1 ×1	50k AR-015DR	

C. Europe

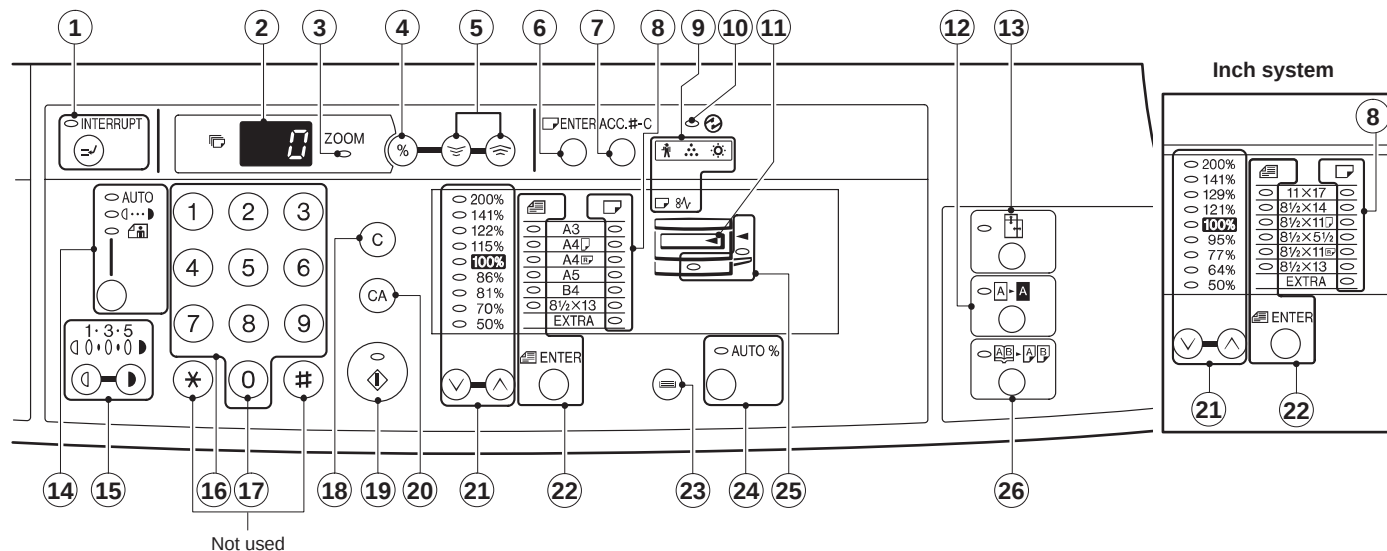
NO	Name	Content	Life	Model name	Remark
1	Toner cartridge (Black) <With IC>	Toner (Toner: Net Weight 475g) Bag	×10 ×10	180K AR-015LT	Life setting by A4 (8.5"x11") 6% coverage
2	Developer	Developer (Developer: Net Weight 400g)	×10	500K AR-015CD	
3	Drum kit	Drum Drum fixing plate	×1 ×1	50k AR-015DR	

D. Asia

NO	Name	Content	Life	Model name	Remark
1	Toner cartridge (Black) <With IC>	Toner (Toner: Net Weight 475g) Bag	×10 ×10	180K AR-015CT	Life setting by A4 6% coverage
2	Developer	Developer (Developer: Net Weight 400g)	×10	500K AR-015CD	
3	Drum kit	Drum Drum fixing plate	×1 ×1	50k AR-015DR	

[4] EXTERNAL VIEWS AND INTERNAL STRUCTURES

3. OPERATION SECTION



1	INTERRUPT key and indicator	2	Copy quantity display	3	ZOOM indicator
4	Copy ratio display key	5	Zoom keys	6	PAPER SIZE ENTER key
7	AUDIT CLEAR key	8	PAPER SIZE indicators	9	Alarm indicators
10	POWER SAVE indicator	11	Output tray full indicator	12	B/W REVERSE key and indicator
13	XY-ZOOM key and indicator	14	AUTO/MANUAL/PHOTO key and indicators	15	Light and dark keys and indicators
16	Numeric keys	17	Zero key	18	CLEAR key
19	START key and indicator	20	CLEAR ALL key	21	PRESET RATIO selector keys and indicators
22	ORIGINAL SIZE ENTER key and indicators	23	TRAY SELECT key	24	AUTO IMAGE key and indicator
25	Paper feed location/misfeed location indicators	26	DUAL PAGE COPY key and indicator		

[7] SIMULATIONS

The table below shows the changed points in simulations. (Items marked with* are changed.)

Main code	Sub code	Contents	Details of operation	Initial value	Set range																		
21	1	Maintenance cycle setting	Used to display the currently set maintenance cycle at the numbers shown at right. When the set value is entered and the start key is pressed, the set value is stored. <table><tr><th colspan="2">Key operation/Display</th></tr><tr><td>0: 2500 sheets</td><td>4: 150000 sheets</td></tr><tr><td>1: 5000 sheets</td><td>5: FREE (999999 sheets)</td></tr><tr><td>2: 25000 sheets*</td><td>6: 10000 sheets</td></tr><tr><td>3: 50000 sheets*</td><td>7: 7500 sheets</td></tr></table>	Key operation/Display		0: 2500 sheets	4: 150000 sheets	1: 5000 sheets	5: FREE (999999 sheets)	2: 25000 sheets*	6: 10000 sheets	3: 50000 sheets*	7: 7500 sheets	2*	0~7*								
Key operation/Display																							
0: 2500 sheets	4: 150000 sheets																						
1: 5000 sheets	5: FREE (999999 sheets)																						
2: 25000 sheets*	6: 10000 sheets																						
3: 50000 sheets*	7: 7500 sheets																						
21	2	Mini maintenance cycle setting	Used to display the currently set mini maintenance cycle at the numbers shown at right. When the set value is entered and the start key is pressed, the set value is stored. <table><tr><th colspan="2">Key operation/Display</th></tr><tr><td>0: 2500 sheets</td><td>4: 50000 sheets</td></tr><tr><td>1: 5000 sheets</td><td></td></tr><tr><td>2: 10000 sheets</td><td></td></tr><tr><td>3: FREE (999999 sheets)</td><td></td></tr></table>	Key operation/Display		0: 2500 sheets	4: 50000 sheets	1: 5000 sheets		2: 10000 sheets		3: FREE (999999 sheets)		4	0~4*								
Key operation/Display																							
0: 2500 sheets	4: 50000 sheets																						
1: 5000 sheets																							
2: 10000 sheets																							
3: FREE (999999 sheets)																							
26	6	Destination setting	Used to display the current destination setting with the numbers at right. After entering the set value, press the start key, and the set value is stored. <table><tr><th colspan="2">Key operation/Display</th></tr><tr><td>0: Japan</td><td>8: EX AB series</td></tr><tr><td>1: USA (Inch series)</td><td>9: EX inch series (FC conformity)</td></tr><tr><td>2: Canada (Inch series)</td><td>10: EX AB series (FC conformity)</td></tr><tr><td>3: Germany 1 (AB series)</td><td>(Australia, Newzealand)</td></tr><tr><td>4: UK (AB series)</td><td>11: China (AB series)</td></tr><tr><td>5: Not used</td><td>12: Taiwan (AB series)</td></tr><tr><td>6: France (AB series)</td><td>13: Germany 2 (AB series)</td></tr><tr><td>7: EX inch series</td><td></td></tr></table>	Key operation/Display		0: Japan	8: EX AB series	1: USA (Inch series)	9: EX inch series (FC conformity)	2: Canada (Inch series)	10: EX AB series (FC conformity)	3: Germany 1 (AB series)	(Australia, Newzealand)	4: UK (AB series)	11: China (AB series)	5: Not used	12: Taiwan (AB series)	6: France (AB series)	13: Germany 2 (AB series)	7: EX inch series		7	0~13
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4: UK (AB series)	11: China (AB series)																						
5: Not used	12: Taiwan (AB series)																						
6: France (AB series)	13: Germany 2 (AB series)																						
7: EX inch series																							
26	10	Model name input*	Used to display and register the model name. <table><tr><th colspan="2">Key operation/Display</th></tr><tr><td>0: ARS140</td><td>1: AR5015</td></tr></table>	Key operation/Display		0: ARS140	1: AR5015	1	0~1														
Key operation/Display																							
0: ARS140	1: AR5015																						
30	1	Machine sensor operation check	Used to check the sensor in the machine transport system with LED on the operation panel. <table><tr><th>Display</th></tr><tr><td><Lighting at sensor ON> Paper entry sensor : Machine position JAM LED Duplex sensor : Manual feed tray position LED Paper exit sensor : JAM LED</td></tr></table>	Display	<Lighting at sensor ON> Paper entry sensor : Machine position JAM LED Duplex sensor : Manual feed tray position LED Paper exit sensor : JAM LED																		
Display																							
<Lighting at sensor ON> Paper entry sensor : Machine position JAM LED Duplex sensor : Manual feed tray position LED Paper exit sensor : JAM LED																							

[10] MAINTENANCE

1. MAINTENANCE TABLE

× : Check (Clean, adjust, or replace when required.) ○ : Clean ▲ : Replace △ : Adjust ☆ : Lubricate

Unit name	Part name		When calling	25K	50K	75K	100K	125K	150K
Drum peripheral	OPC drum		—	—	▲	—	▲	—	▲
	Cleaning blade		—	—	▲	—	▲	—	▲
	Side seal		×	×	×	×	×	×	▲
	MC unit		×	○	▲	○	▲	○	▲
	(MC charging electrode)		—	(○)	(▲)	(○)	(▲)	(○)	(▲)
	(MC grid)		—	(○)	(▲)	(○)	(▲)	(○)	(▲)
	(MC case)		—	(○)	(▲)	(○)	(▲)	(○)	(▲)
	Transfer wire		○	○	×	○	×	○	▲
	Transfer paper guide		○	○	×	○	×	○	▲
Developing section	Developer		—	—	▲	—	▲	—	▲
	DV seal		—	×	×	×	×	×	▲
	DV side seal		—	○	—	○	—	○	▲
	Side Mylar		—	—	—	—	—	—	▲
Optical section	Lamp unit	Reflector	○	×	○	×	○	×	○
		Mirror	○	×	○	×	○	×	○
	No. 2/3 mirror unit	Mirror	○	×	○	×	○	×	○
		Pulley	×	×	×	×	×	×	×
	CCD peripheral	Lens	○	×	○	×	○	×	○
	Glass	Table glass	○	×	○	×	○	×	○
		White Plate	○	×	○	×	○	×	○
	Other	Drive wire	×	×	×	×	×	×	×
		Rail	×☆	×	×☆	×	×☆	×	×☆
		Document cover	○	×	○	×	○	×	○
		Document size sensor	○	×	○	×	○	×	○
LSU		Dust-proof glass	○	×	○	×	○	×	○
Paper feed section	Multi paper feed section	Takeup roller	○	×	○	×	○	×	○
		Paper feed roller	○	×	○	×	○	×	○
		Spring clutch	○☆	×	○☆	×	○☆	×	○☆
Paper transport section		PS roller	○	×	○	×	○	×	○
		Transport (paper exit) rollers	○	×	○	×	○	×	○
		Spring clutch	○☆	×	○☆	×	○☆	×	○☆
Fusing section		Upper heat roller	○	×	○	×	○	×	▲
		Pressure roller	○	×	○	×	○	×	○
		Pressure roller bearing	×	×	×	×	×	×	○☆
		Upper separation pawl	×	×	×	×	×	×	○
		Lower separation pawl	×	×	×	×	×	×	○
Drive section		Gears	×☆	×	×☆	×	×☆	×	×☆
		Belts	×	×	×	×	×	×	○
Paper exit section		Ozone filter	×	×	×	×	×	×	×*1

*1 : Recommendable replacement time: 50K (Letter, 5% print)

2. MAINTENANCE DISPLAY SYSTEM

According to the change in toner and developer life, the LED ON timing is changed.

Toner	Life	18K	
	Remaining quantity check *1	a. Press and hold the density adjustment LIGHT key for more than 5 sec, and the machine will enter the user program mode. b. Press and hold the "%"key for more than 5 sec, and the remaining quantity will be displayed on the copy quantity display in one of the following levels: (Remaining quantity display levels: 100%, 75%, 50%, 25%, 10%, LO) c. Press the density adjustment LIGHT key to cancel.	
	Remaining quantity	NEAR EMPTY About 10%	EMPTY
	LED	ON	Flash
	Machine	Operation allowed	Stop
Developer	Life	50K	
	LED	ON at 50K of the developer count.	
	Machine	Selection is available between Not Stop and Stop by Service Simulation (SIM 26-37) Setup. (If Stop is selected, the LED will flash and stop at 50K) * Default: Not Stop * Clear: SIM 42-1	
Maintenance	LED	Selection is available among 50K, 25K, 10K, 7.5K, 5K, and free (no lighting) with SIM 21-1. * Default: 25K * Clear: SIM 20-1	
	Machine	Not stop.	

* 1 : Installation of a new toner cartridge allows to display the remaining quantity.

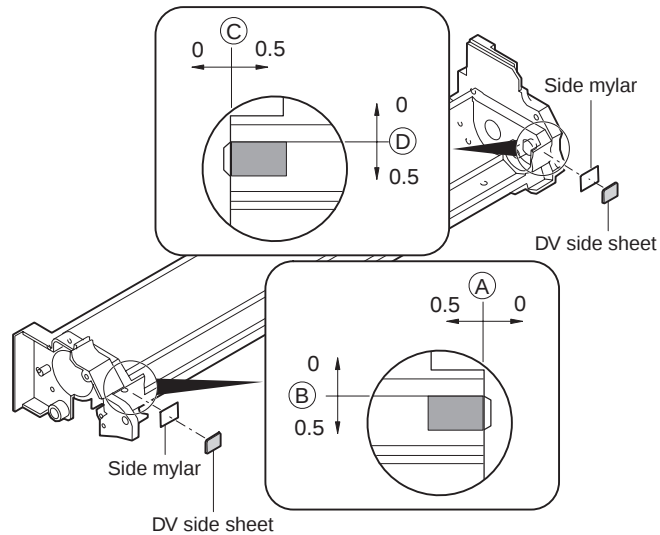
[11] DISASSEMBLY AND ASSEMBLY

11. DEVELOPING SECTION

A. Developing box

a) Side mylar attachment reference

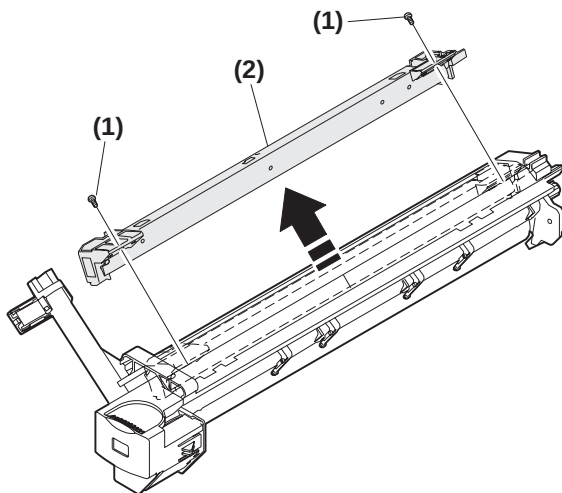
The side mylar attachment reference is shown in the figure below.



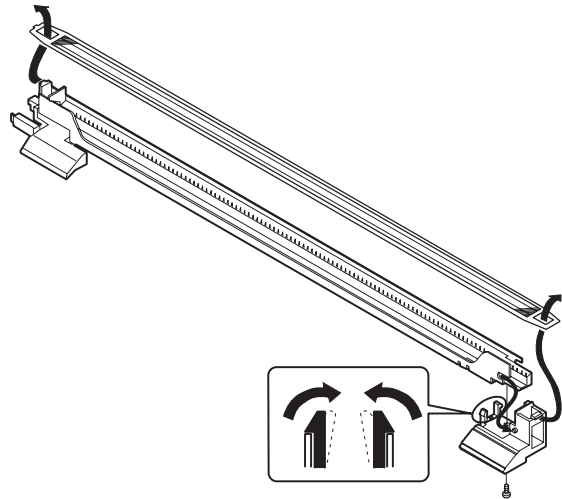
12. PROCESS SECTION

B. Charger cleaning

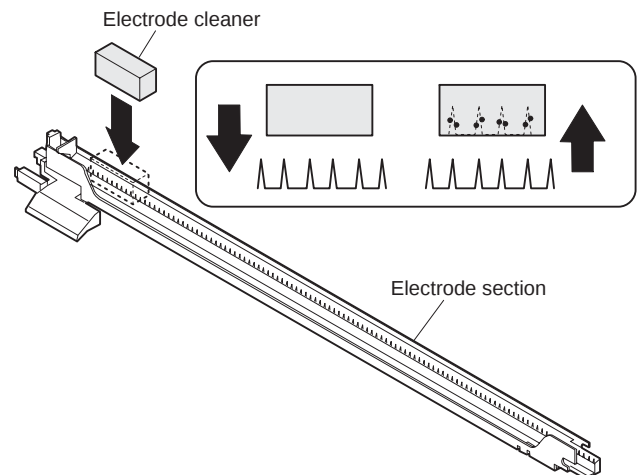
1. Remove the MC holder unit



2. Remove the Screen grid



3. Push the electrode cleaner onto the electrode tip so that the electrode tip comes into the electrode cleaner to clean. (repeat two or three times.)



Note: Do not move the electrode cleaner with the electrode tip in it.
When cleaning, clean all the electrodes evenly.

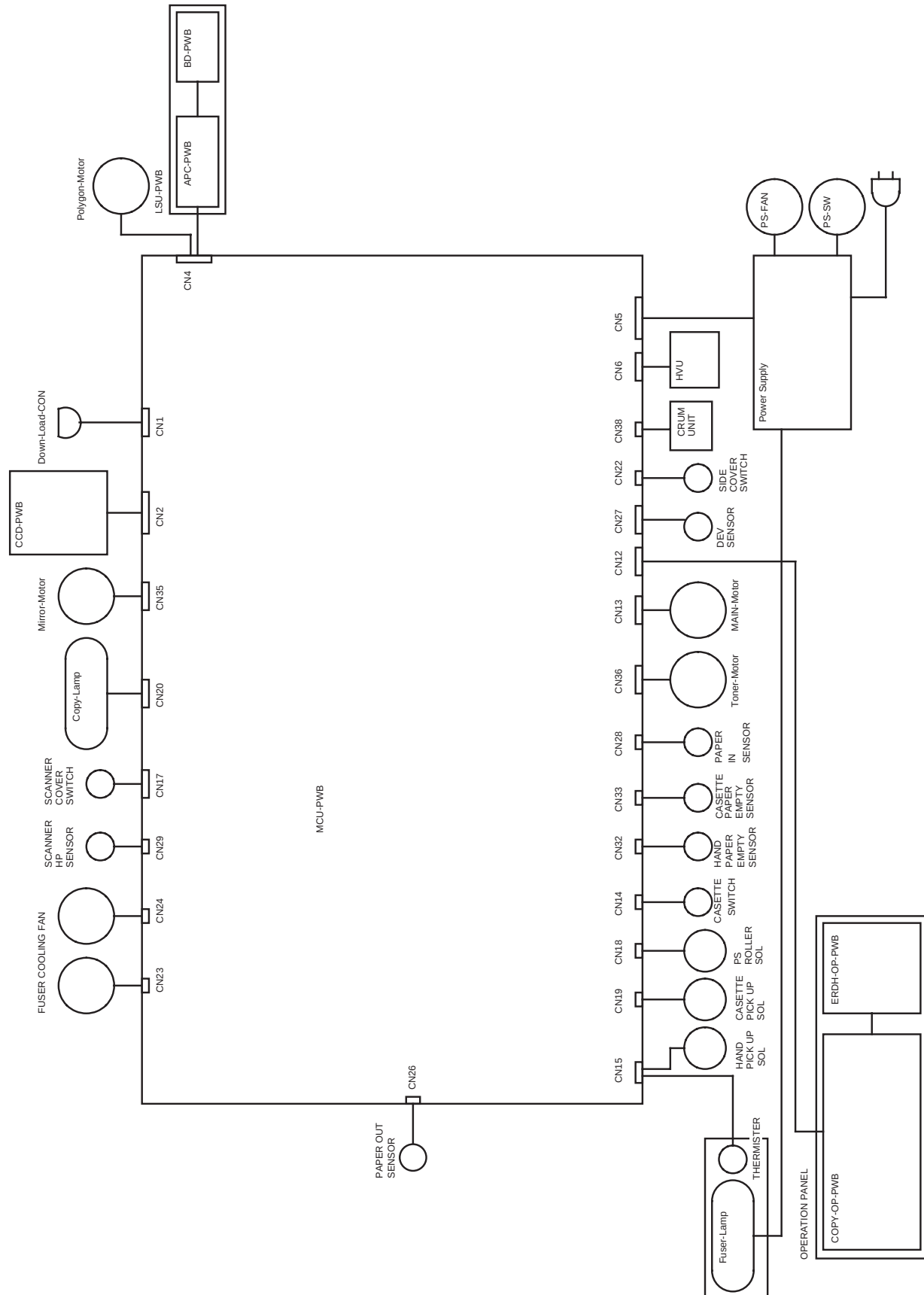
D. Moquette F/R of process frame unit

To improve reliability of the drum unit, the AR-5015 must use the following parts.

- Process frame unit : CFRM-0021QS67
- Moquette F : PSEL-0129QSZZ
- Moquette R : PSEL-0130QSZZ

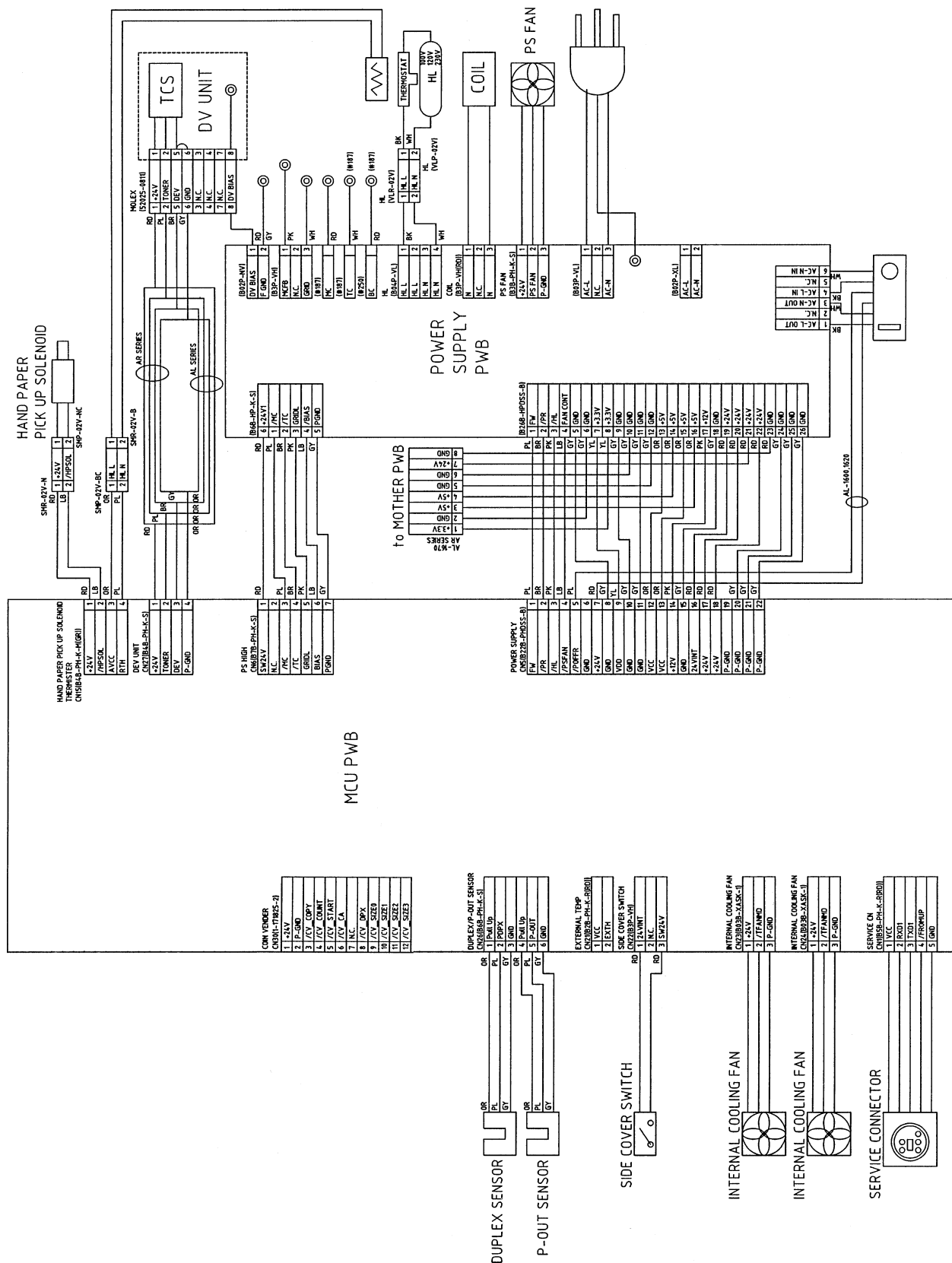
[13] ELECTRICAL SECTION

1. BLOCK DIAGRAM



ACTUAL WIRING DIAGRAM 1/2





MODEL AR-5015

CONTENTS

- 1 Exteriors
- 2 Operation panel section
- 3 Side door unit
- 4 2nd,3rd mirror unit
- 5 Optical unit
- 6 Middle frame unit
- 7 Process unit
- 8 DV cartridge unit
- 9 Fusing unit
- 11 Base plate unit 1
- 12 Base plate unit 2
- 13 Manual paper feeding multi unit
- 14 Delivery frame unit
- 16 250 sheets tray unit
- 17 Packing material & Accessories
- 20 MCU PWB
- 33 ERDH OP PWB
- Index

The AR-5015 Parts Guide describes only changed from AR-163 Parts Guide.
For the common parts, please refer to the AR-163 Parts Guide (Code: 00ZAR162//P1/)

MODEL	REFER MODEL
AR-5015	AR-163

補修部品のランク付

市場における補修部品の在庫管理が、適正に運営出来る手助けとなることを、目的とします。

Aランク：取替頻度が比較的多く、在庫を必要とするパーツ。

Bランク：取替頻度は比較的少ないが、在庫を必要とするパーツ。

Cランク：取替頻度はほとんどないと思われるパーツ。

Dランク：取替頻度はほとんどないが新品再生に必要なパーツ。

Eランク：ユニットパーツ。サービス効率アップの為、在庫する事を推奨するパーツ。

Sランク：消耗品

但し、複写機のパーツについては、同一パーツ名であっても、下記パーツは、使用箇所の相違により、A・Bランク分けします。

パーツ名：金属製のギヤー、スプロケット、ベアリング、ゴム製のベルト、スプリングクラッチ機構

Aランク：常に回転しているか、付加がかかっている箇所に使用され、回転回数が増える事により、変形又は磨耗が生じその性能が発揮できなくなるパーツ。

Bランク：回転部分に使用されているが、磨耗度が比較的少ないパーツ。

DEFINITION

The definition of each Rank is as follows and also noted in the list

A: Parts necessary to be stocked as High usage parts.

B: Parts necessary to be stocked as Standard usage parts.

C: Low usage parts.

D: Parts necessary for refurbish.

E: Unit parts recommended to be stocked for efficient after sales service.

Please note that the lead time for the said parts may be longer than normal parts.

S: Consumable parts.

Please note that the following parts used in Copier under the same description are classified into A or B Rank depending upon the place used.

Example: Gear made of Metal, Sprocket, Bearing, Belt made of Rubber, Spring clutch mechanism.

A Rank: The parts which may be with the revolution or loading.

B Rank: Parts similar to A Rank parts, but are not included in Rank A.

安全性・信頼性確保のため部品は、必ず正規のものをご使用下さい。

△印の商品は、安全上重要な部品です。交換をする時は、安全および性能維持のため必ず指定の部品をご使用下さい。

Because parts marked with “△” is indispensable for the machine safety maintenance and operation, it must be replaced with the parts specific to the product specification.

- 当モデルのサービス資料には、この資料以外にサービスマニュアル（回路図含む）があります。合わせて御利用下さい。
- Other than this Parts Guide, please refer to documents Service Manual (including Circuit Diagram) of this model.
- Please use the 13 digit code described in the right hand corner of front cover of the document, when you place an order.
- For U.S. only-Use order codes provided in advertising literature. Do not order from parts department.

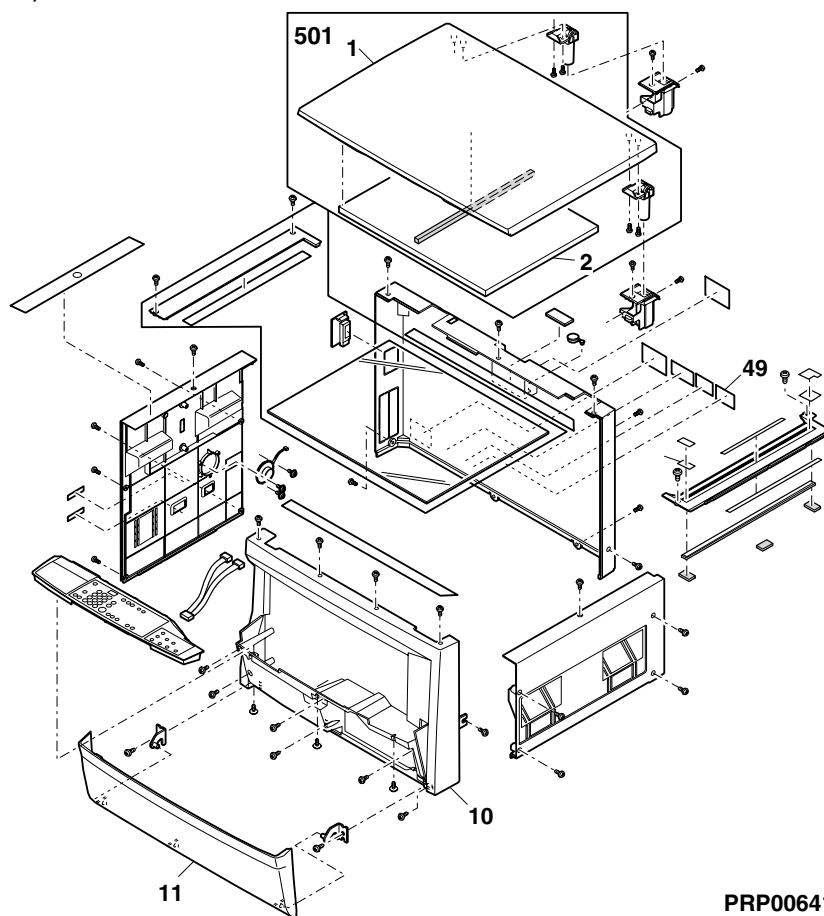
1 外装 (Exteriors)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
1	GC0VH0010QS23	BC	GJ	N	D	OC cover OCカバー
2	PSHEZ0058QS21	AU	FG	N	D	OC sheet OCマット
10	CCAB-0012QS0V	BA	FX	N	D	Front exterior (Japan) 前キビネット
	CCAB-0012QS0W	BA	FX	N	D	Front exterior (Except Japan) 前キビネット
11	GFTA-0001QS21	AT	EZ		D	Front cabinet cover 前キビ蓋
49	TLABZ0058QS2Z	AD	DJ		C	Class 1 label (200V Series) クラス1ラベル
501	CC0VH0010QS51	BM	HV		E	OC cover unit OCカバーユニット

2 操作部 (Operation panel section)

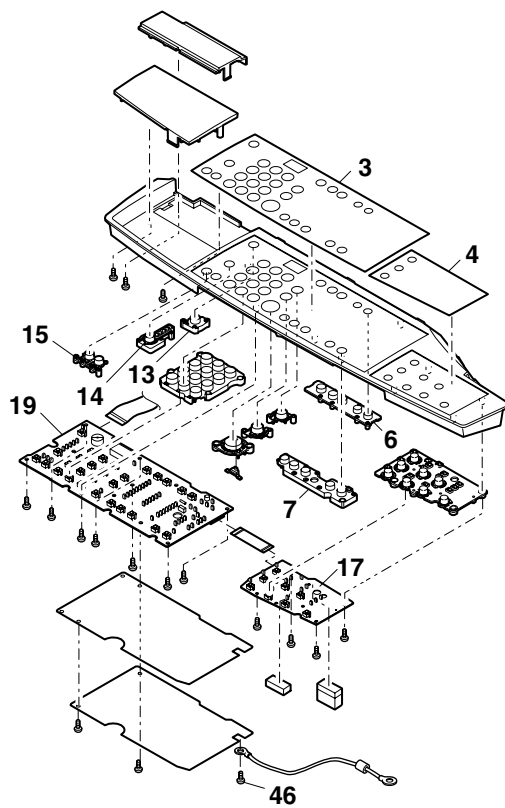
NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
3	HPNLH0021QS2Z	AT	EZ	N	D	ZEB Main Deco.panel (Japan) ZEBメインデコパネル
	HPNLH0021QS22	AT	EZ	N	D	ZEB Main Deco.panel (LAG2,LAG4) ZEBメインデコパネル
	HPNLH0021QS23	AT	EZ	N	D	ZEB Main Deco.panel (Philippines) ZEBメインデコパネル
	HPNLH0021QS24	AT	EZ	N	D	ZEB Main Deco.panel (Europe) ZEBメインデコパネル
	HPNLH0021QS21	AT	EZ	N	D	ZEB Main Deco.panel (Other countries) ZEBメインデコパネル
4	HPNLH0022QS2Z	AK	EB	N	D	ZEB Special Deco.panel (Japan) ZEB 特殊デコパネル
	HPNLH0022QS21	AK	EB	N	D	ZEB Special Deco.panel (Except Japan) ZEB 特殊デコパネル
6	JBTN-0018QS2Z	AE	DJ		C	Function key 部門キー
7	JBTN-0029QS2Z	AE	DS		C	Select key 選択キー
13	JBTN-0026QS2Z	AE	DJ		C	Interrupt key 割込みキー
14	JBTN-0030QS2Z	AD	DJ		C	Mode select key 画質キー
15	JBTN-0027QS2Z	AD	DJ		C	Density select key 濃度キー
17	CPWBF0025QSE3	AH	DX	N	E	ERDH operation PWB ERDH 操作基板
19	CPWBF0024QSE1	BL	HL	N	E	COPY operation PWB (Japan Other countries) COPY 操作基板
	CPWBF0024QSE2	BL	HL	N	E	COPY operation PWB (LAG2,LAG4) COPY 操作基板
46	XEP3D30P08X00	AA	DD		C	Screw (3×8X) ビス

1 外装 (Exteriors)



PRP00641

2 操作部 (Operation panel section)

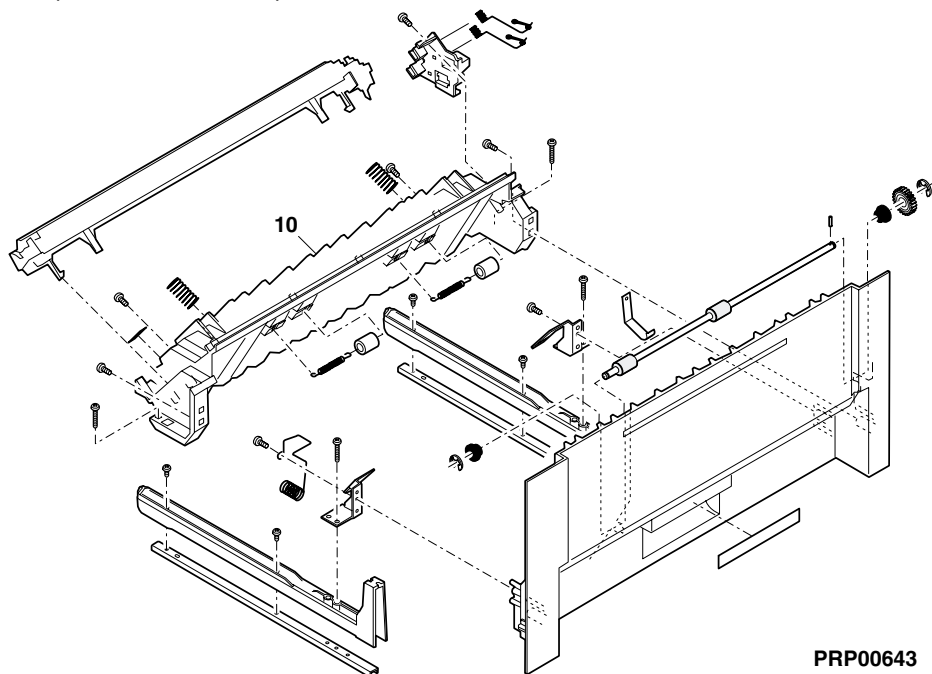


PRP00642

3 サイドドアユニット(Side door unit)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
10	LFRM-0016QSZ2	AT	EZ		C	Right door inner N 右ドアインナーN

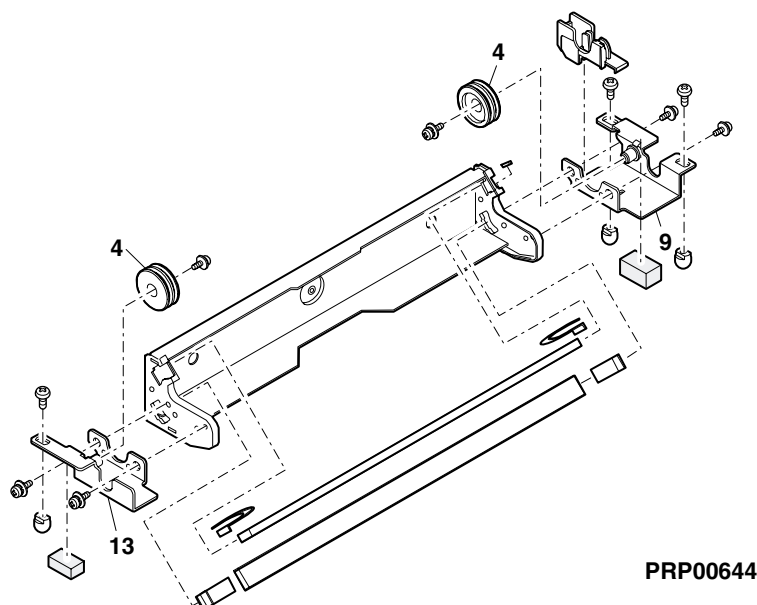
3 サイドドアユニット(Side door unit)



4 第2.3ミラーユニット(2nd,3rd mirror unit)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
4	NPLYZ0017QSZZ	AE	DS		C	W pulley Wプーリー
9	CPLTM0156QS02	AH	DX		C	Pulley fixing plate R プーリー取付板 R
13	CPLTM0155QS02	AH	DX		C	Pulley fixing plate F プーリー取付板 F
	ユニット (Unit)					
901	CMIR-0008QS32	BB	GD		E	2nd,3rd mirror unit 第2.3ミラーユニット

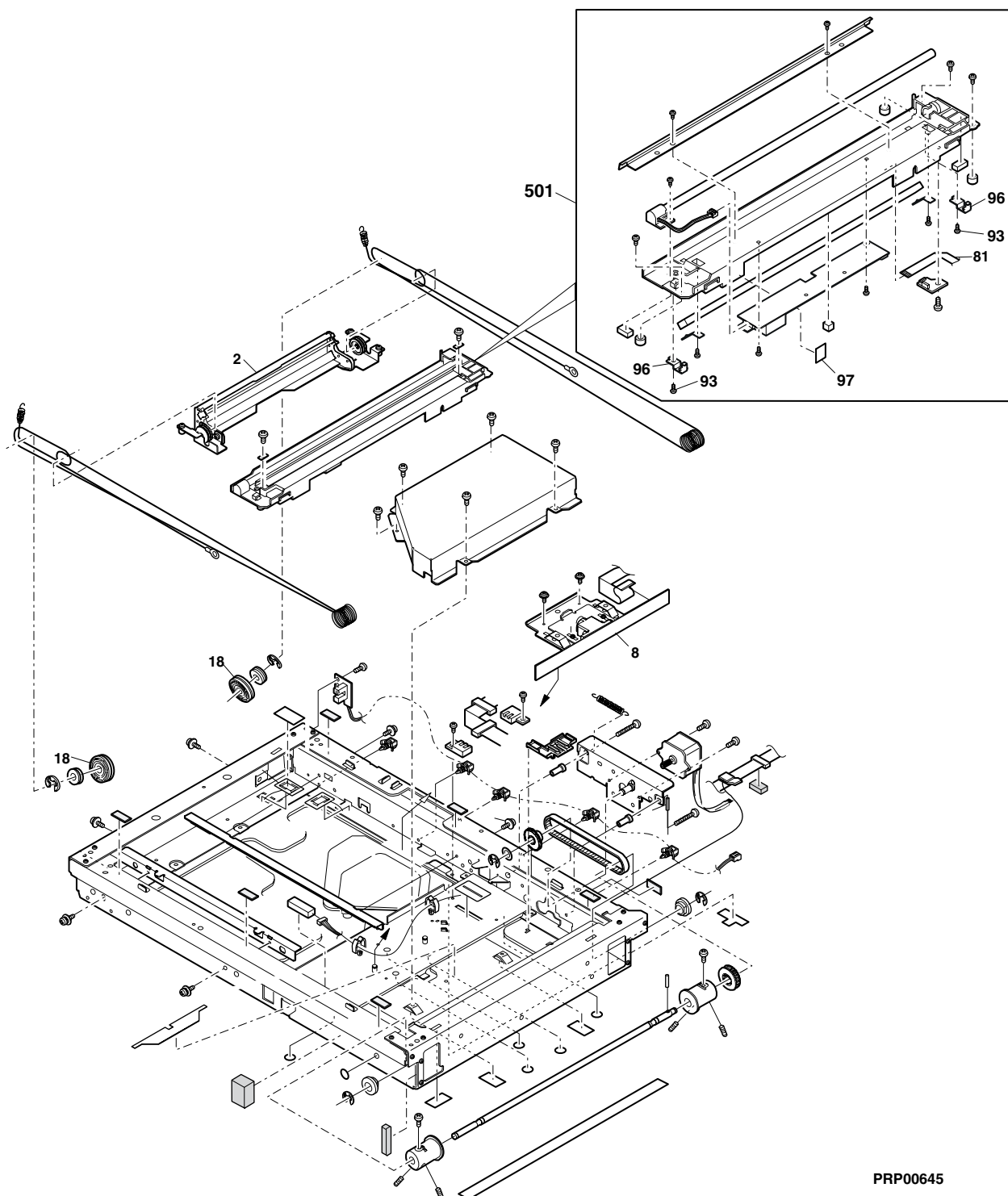
4 第2.3ミラーユニット(2nd,3rd mirror unit)



5 光学ユニット (Optical unit)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
2	CMIR-0008QS32	BB	GD		E	2nd,3rd mirror unit	第2,3ミラーユニット
8	CLNS-0003RS53	BR	LX		E	Lens unit	レンズユニット
18	NPLYZ0016QSZZ	AF	DS		C	Pulley	プーリー
81	DHA1-0200QSZZ	AS	EZ		C	CL harness	CLハーネス
93	XEBSD30P06000	AA	DD		C	Screw (3×6)	ビス
96	LPLTM4715FCZ1	AF	DS		C	Wire fixing plate F	ワイヤー取り付け板F
97	TCAUH0933FCZZ	AB	DD		C	55FE2 high temperature label	55FE2高温注意ラベル
501	CREFL0004QS33	BL	HG		E	Copy lamp unit	コピーランプユニット

5 光学ユニット (Optical unit)

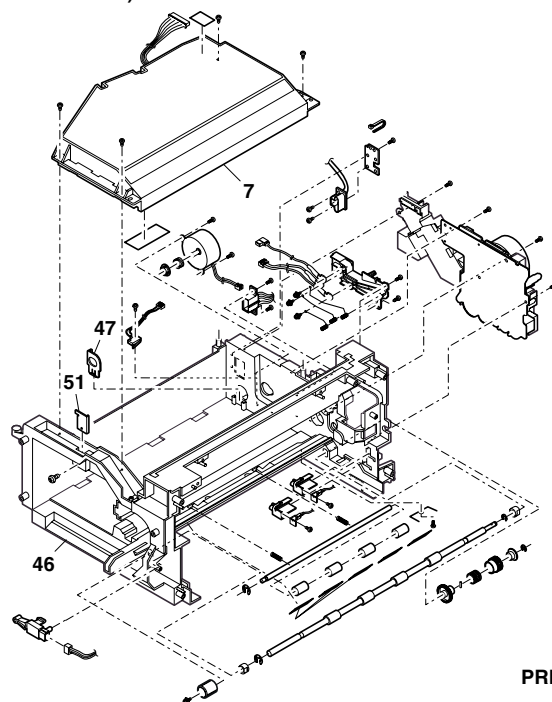


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6 中間フレームユニット(Middle frame unit)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
7	DUNTK0041RS14	BG	GX		E	LSU unit
46	LFRM-0024QSZ3	BC	GJ		C	Middle frame
47	LPINS0301FCZZ	AD	DJ		C	DV guide pin
51	LANGT0003QSZ1	AC	DJ		C	SRU fixing angle

6 中間フレームユニット(Middle frame unit)

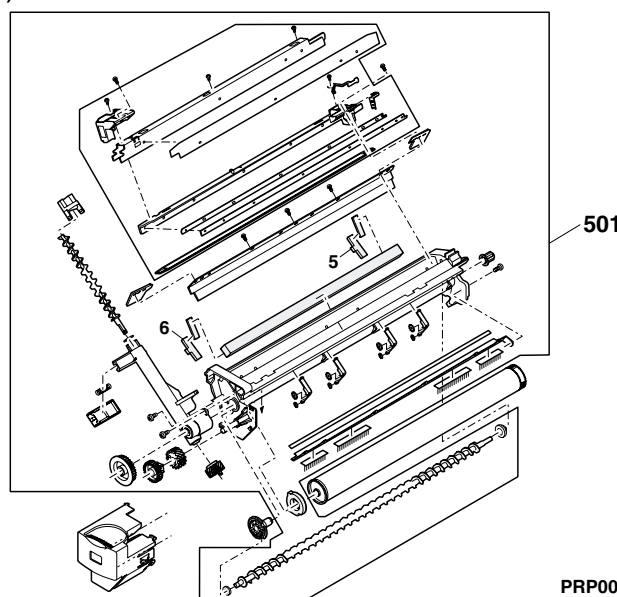


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7 プロセスユニット(Process unit)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
5	PSEL-0130QSZZ	AF	DS	N	C	Seal R PAN (Except Japan) セット R PAN
6	PSEL-0129QSZZ	AF	DS	N	C	Seal F PAN (Except Japan) セット F PAN
501	CFRM-0021QS67	BK	HG	N	E	Process frame unit (Except Japan) プロセスフレームユニット

7 プロセスユニット(Process unit)

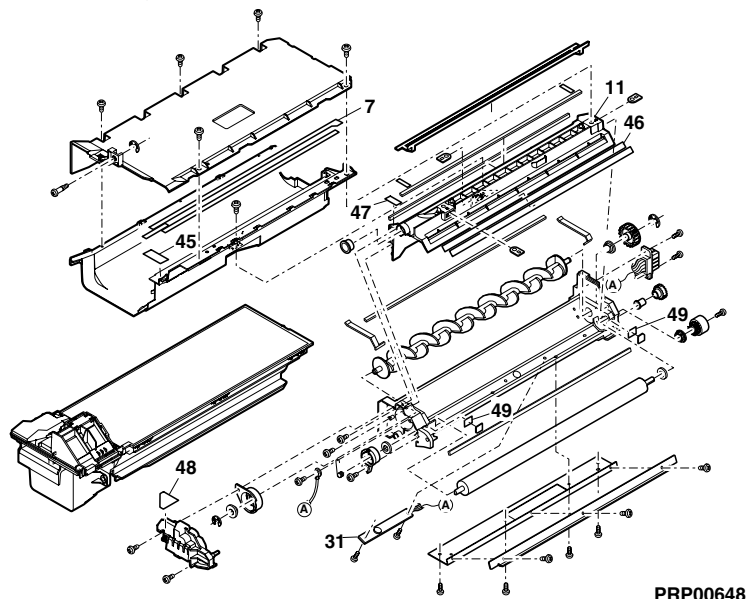


PRP00647

8 現像カートリッジユニット(DV cartridge unit)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
7	PSEL-0067QSZ3	AG	DX		C	TG seal LDAR
11	PCÖVP0072QS12	AH	DX	N	C	DV cover
31	RDTCM0001YSZZ	AZ	FQ		B	ATC sensor
45	PSEL-0105QSZZ	AA	DJ		C	TN-SEL-FR
46	PSHEP0262QSZZ	AC	DJ		C	DV-UND-Sheet
47	PSEL-0114QSZZ	AC	DJ		C	DV-MKT-F
48	PSEL-0115QSZZ	AD	DJ		C	DV-MKT-F2
49	PSHEP0324QSZZ	AC	DJ		C	DVB-SHE-FBR (Except Japan) DVB-SHE-FBR

8 現像カートリッジユニット(DV cartridge unit)

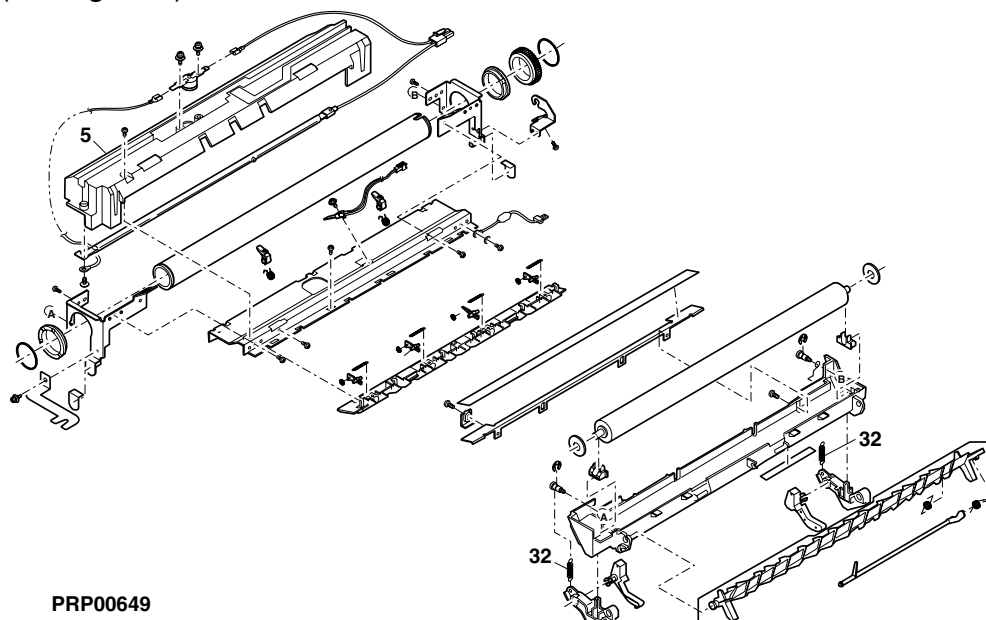


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9 定着ユニット(Fusing unit)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
5	PCÖVP0029QSZ2	AT	EZ		C	Fusing cover
32	MSPRT0089QSZ2	AC	DJ		C	Pressure spring B

9 定着ユニット(Fusing unit)



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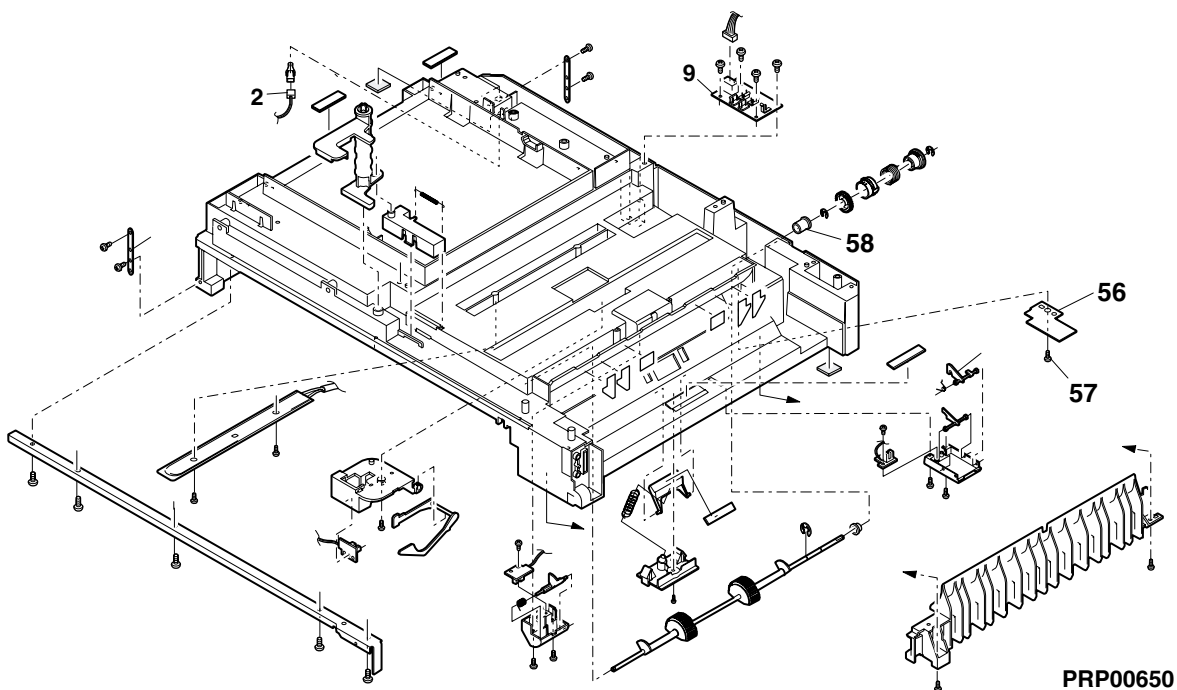
11 台板ユニット1(Base plate unit 1)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
2	DHA i - 0091QSZ2	AE	DS		C	Tray SW harness トレイ検知 SWハーネス
9	CPWBF 0023QSE1	AW	FG		E	Dry heater PWB (Japan) 除湿ヒーター基板
56	GFTA - 0005QSZZ	AC	DJ		C	2nd cover (Except Japan) 2nd 蓋
57	XEBSD 40P12000	AA	DD		C	Screw (4x12) (Except Japan) ビス
58	PCLR - 0010QSZZ	AC	DJ		C	Color カラー-PAN

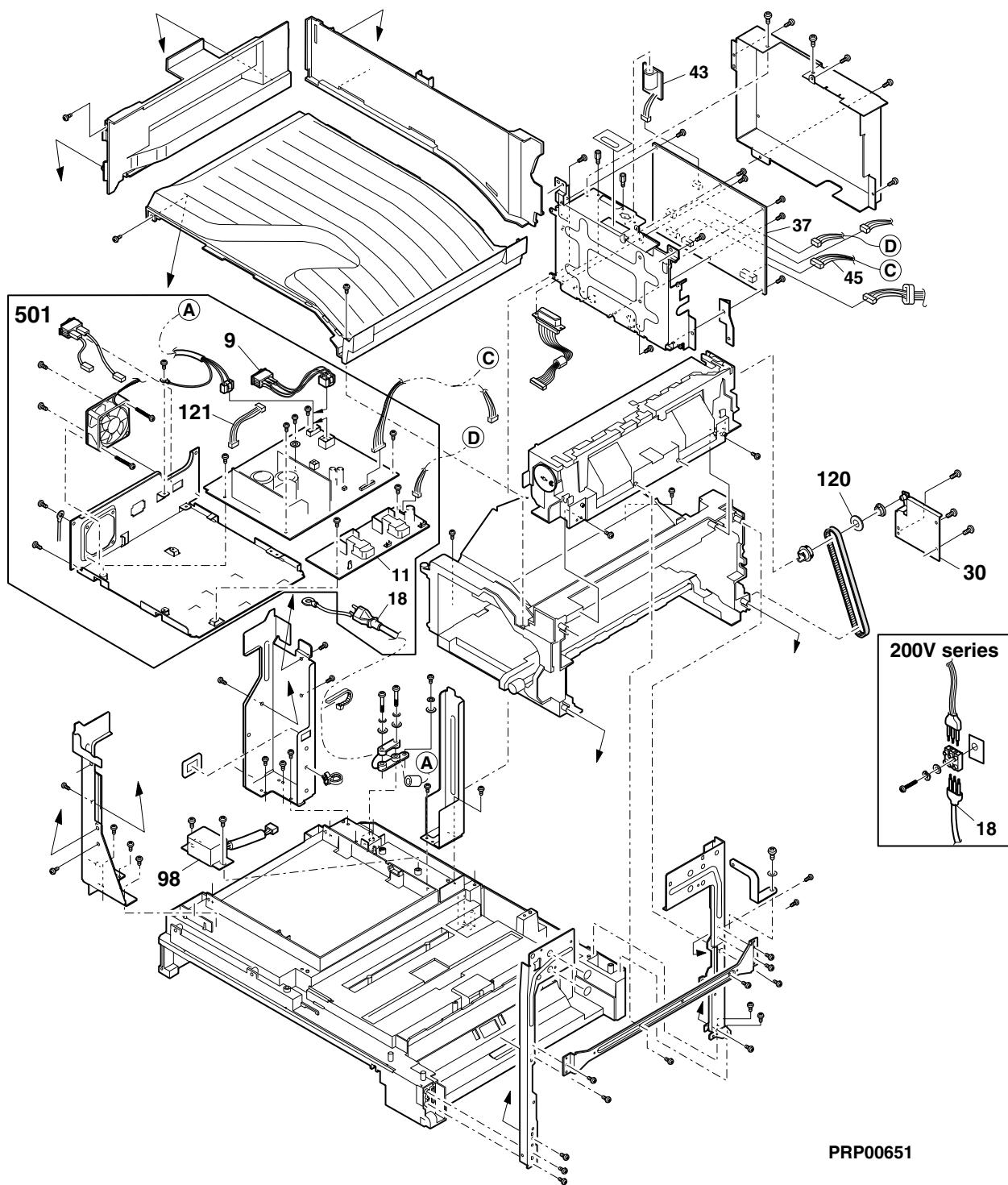
12 台板ユニット2(Base plate unit 2)

[illegible]

11 台板ユニット1(Base plate unit 1)



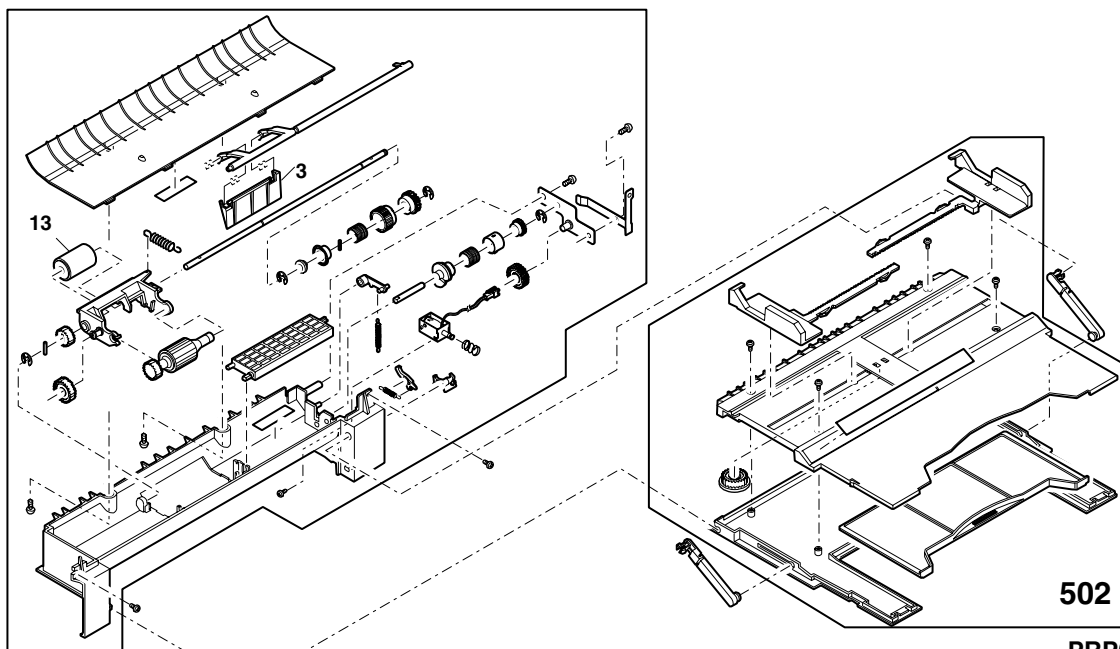
12 台板ユニット2(Base plate unit 2)



13 手差しマルチユニット(Manual paper feeding multi unit)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
3	LPLTP0056QSZ3	AD	DJ	N	C	Stopper plate
13	NRÖLR0922FCZZ	AR	EZ		C	Manual paper feed roller B9
502	CSÖU-0009QSZ1	BC	GJ		E	Manual feeding tray unit
	CSÖU-0009QSZ2	AZ	FQ	N	E	Manual paper tray unit

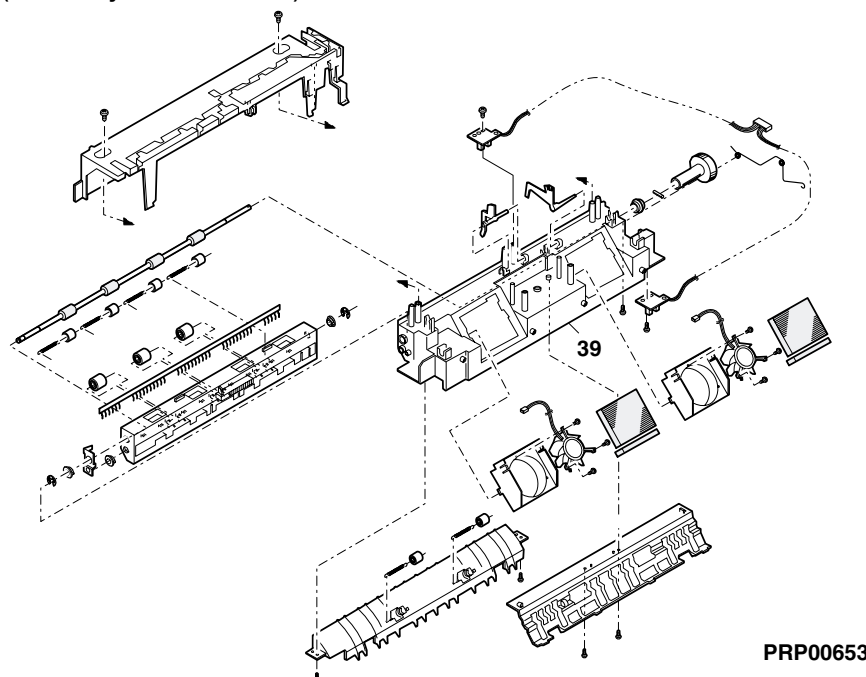
13 手差しマルチユニット(Manual paper feeding multi unit)



14 排紙フレームユニット(Delivery frame unit)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
39	LFRM-0027QSZ1	AV	FG	N	C	Delivery frame

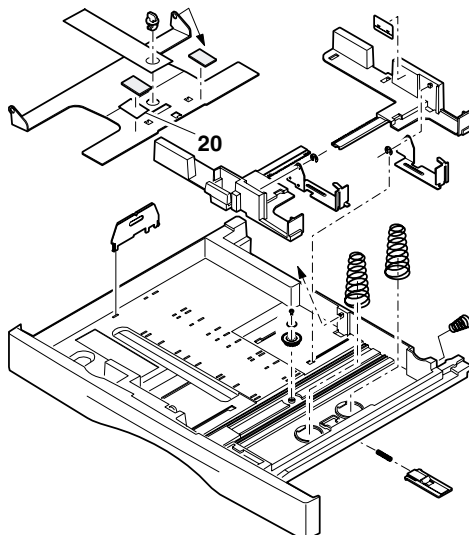
14 排紙フレームユニット(Delivery frame unit)



16 250枚トレイユニット(250 sheets tray unit)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
20	PSPA0022QSZZ	AC	DJ		C	Rotation plate S spacer 回転板 Sスパーサー

16 250枚トレイユニット(250 sheets tray unit)

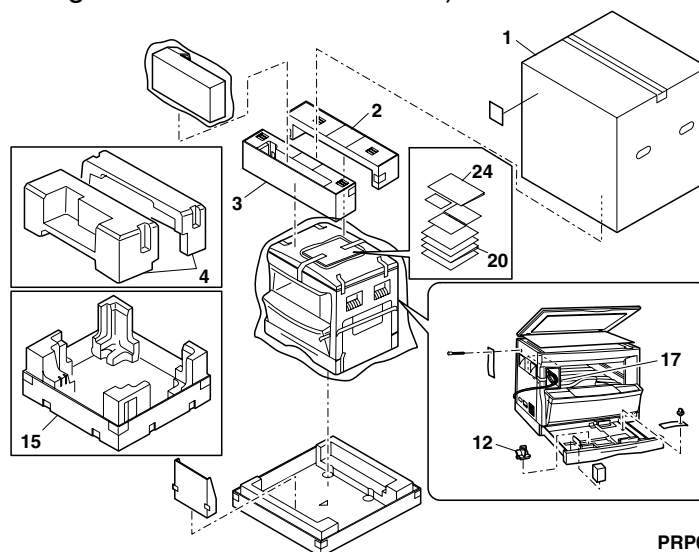


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17 梱包材 & 付属品 (Packing material & Accessories)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
1	SPAKC0395RSZZ	BP	LP	N	D	Packing case (Japan) パッキングケース
	SPAKC0396RS11	BR	LX	N	D	Packing case (SRS,SRSSC,STCL) パッキングケース
	SPAKC0396RSZZ	BR	LX	N	D	Packing case (Other countries) パッキングケース
4	SPAKA0083RSZZ	AD	DJ	N	D	Top packing cushion (Except Japan) 天パッド
12	CCEZ0005RS51	AQ	EQ		E	Charger cleaner unit チャージャークリーナーユニット
17	SPAKA0150RSZZ	AA	DJ	N	D	Accessories protect packing cushion 付属保護材
20	TINSJ0646QSZZ	AV	ZZ	N	D	Operation manual (COPY)(Japanese) 取扱説明書
	TINSE0647QSZZ	AV	FG	N	D	Operation manual (COPY)(English) 取扱説明書
	TINSE0653QSZZ	AV	FG	N	D	Operation manual (COPY)(English)(SRH) 取扱説明書
	TINSF0648QSZZ	AU	FG	N	D	Operation manual (COPY)(French) 取扱説明書
	TINSS0650QSZZ	AV	FG	N	D	Operation manual (COPY)(Spanish) 取扱説明書
	TINSA0649QSZZ	AU	FG	N	D	Operation manual (COPY)(Arabic) 取扱説明書
24	TCADZ0164QSZZ	AG	DX	N	D	Inst. manual card (Japan) 設置手順書
101	SPAKA0133QSZZ	AG	DS		D	Spacer A (Japan) スパーサー A
102	SPAKA3914FCZZ	AC	DJ		D	DV sleeve (Japan) DVスリーブ

17 梱包材 & 付属品 (Packing material & Accessories)



PRP00655

20 MCU 基板 (MCU PWB)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
1	VH i 29F04014QS	BB	GD	N	B	FLASH ROM (29F04013QS) (Japan)[IC20] フラッシュ ROM
	VH i 29F04015QS	BB	GD	N	B	FLASH ROM (29F04015QS) (Except Japan)[IC20] フラッシュ ROM
18	QCNCW7191RC1B	AG	DX		C	Connector (12pin) [CN12] コネクター
40	QSÖCZ0002QSZZ	AD	DJ		C	IC socket (8pin) [IC4] IC ソケット
53	VCCUCY1AJ105Z	AC	DD		C	Capacitor (10WV 1μF) [C15,281] コンデンサー
60	VCEAGU1VW476M	AB	DD		C	Capacitor (35WV 47μF) [C72,75,76,96] コンデンサー
63	VCKYCY1HB102K	AA	DD		C	Capacitor (50WV 1000pF) [C4,5,18,21,23] コンデンサー
	VCKYCY1HB102K	AA	DD		C	Capacitor (50WV 1000pF) [C77-81,105-112] コンデンサー
	VCKYCY1HB102K	AA	DD		C	Capacitor (50WV 1000pF) [C115-130] コンデンサー
69	VHEUDZS5.6B-1	AC	DJ		B	Zener diode (UDZS5.6B) [ZD1-16,18,19] ヴェナダー イオード
73	VH i MC7805CT-1	AD	DJ		B	IC (MC7805CT-2) [IC15] IC
75	VH i NJM2103M-1	AH	DX		B	IC (NJM2103M) [IC2] IC
130	VHV i CPN38// -1	AF	DS		B	IC (NJM2103M) [F1,2,3,6,7] IC
	ユニット (Unit)					
901	CPWBX0096QSF5	BZ	TR	N	E	MCU PWB (Japan) MCU 基板
	CPWBX0096QSF6	CB	TX	N	E	MCU PWB (Except Japan) MCU 基板

33 ERDH操作基板(ERDH OP PWB)

[illegible]

■ 索引 (Index)

PARTS CODE	JAPAN ONLY ORDER CODE	NO.	PRICE R.		NEW	P/R
			Ex.	Ja.		
[C]						
CCAB-0012QS0V	578 107 0415	1- 10	BA	FX	N	D
CCAB-0012QS0W	578 107 0416	1- 10	BA	FX	N	D
CCLEZ0005RS51	578 704 0029	17- 12	AQ	EQ		E
CCOVH0010QS51	572 110 1105	1-501	BM	HV		E
CFRM-0021QS67	578 213 0368	7-501	BK	HG	N	E
CLNS-0003RS53	578 372 0015	5- 8	BR	LX		E
CMiR-0008QS32	578 374 0023	4-901	BB	GD		E
"	578 374 0023	5- 2	BB	GD		E
CPLTM0071QS02	578 221 0646	12- 30	AL	EB		C
CPLTM0155QS02	578 221 0679	4- 13	AH	DX		C
CPLTM0156QS02	578 221 0680	4- 9	AH	DX		C
CPWBF0023QSE1	578 684 0788	11- 9	AW	FG		E
CPWBF0024QSE1	578 684 0890	2- 19	BL	HL	N	E
CPWBF0024QSE2	578 684 0891	2- 19	BL	HL	N	E
CPWBF0025QSE3	578 684 0880	2- 17	AH	DX	N	E
"	578 684 0880	33-901	AH	DX	N	E
CPWBF0033QSE1	578 684 0792	12- 43	AP	EQ		E
CPWBX0096QSF5	578 684 0881	12- 37	BZ	TR	N	E
"	578 684 0881	20-901	BZ	TR	N	E
CPWBX0096QSF6	578 684 0892	12- 37	CB	TX	N	E
"	578 684 0892	20-901	CB	TX	N	E
CREFL0004QS33	578 432 0003	5-501	BL	HG		E
CSOU-0009QS31	578 226 0126	13-502	BC	GJ		E
CSOU-0009QS32	578 226 0176	13-502	AZ	FQ	N	E
[D]						
DHAi-0091QSZ2	578 542 0109	11- 2	AE	DS		C
DHAi-0123QSZ1	572 542 1587	12- 45	AU	EZ		C
DHAi-0142QSZ1	578 542 0239	12- 18	AQ	EQ	N	B
DHAi-0143QSZ1	578 542 0240	12- 18	AS	EQ	N	B
DHAi-0200QSZZ	578 542 0233	5- 81	AS	EZ		C
DHAi-0261QSZZ	578 542 0241	12-121	AF	DS	N	C
DUNTK0041RS14	578 685 0515	6- 7	BG	GX		E
DUNTK0049RS18	578 685 0540	12- 9	BH	GX	N	E
DUNTK0049RS19	578 685 0541	12- 9	BH	GX	N	E
DUNTK0050RS29	578 685 0542	12-501	CC	UB	N	E
DUNTK0050RS30	578 685 0543	12-501	CC	UB	N	E
DUNTK0050RS31	578 685 0544	12-501	CC	UB	N	E
DUNTK0050RS32	578 685 0545	12-501	CC	UB	N	E
[G]						
GCOVH0010QSZ3	578 110 0184	1- 1	BC	GJ	N	D
GFTA-0001QSZ1	578 117 0030	1- 11	AT	EZ		D
GFTA-0005QSZZ	572 117 0094	11- 56	AC	DJ		C
[H]						
HPNLH0021QSZ1	578 158 0270	2- 3	AT	EZ	N	D
HPNLH0021QSZ2	578 158 0271	2- 3	AT	EZ	N	D
HPNLH0021QSZ3	578 158 0272	2- 3	AT	EZ	N	D
HPNLH0021QSZ4	578 158 0277	2- 3	AT	EZ	N	D
HPNLH0021QSZZ	578 158 0269	2- 3	AT	EZ	N	D
HPNLH0022QSZ1	578 158 0274	2- 4	AK	EB	N	D
HPNLH0022QSZZ	578 158 0273	2- 4	AK	EB	N	D
[J]						
JBTN-0018QSZZ	572 170 0446	2- 6	AE	DJ		C
JBTN-0026QSZZ	572 170 0459	2- 13	AE	DJ		C
JBTN-0027QSZZ	572 170 0460	2- 15	AD	DJ		C
JBTN-0029QSZZ	572 170 0449	2- 7	AE	DS		C
JBTN-0030QSZZ	572 170 0461	2- 14	AD	DJ		C
[L]						
LANGT0003QSZ1	578 200 0200	6- 51	AC	DJ		C
LFRM-0016QSZZ	578 213 0356	3- 10	AT	EZ		C
LFRM-0024QSZZ	578 213 0343	6- 46	BC	GJ		C
LFRM-0027QSZ1	578 213 0365	14- 39	AV	FG	N	C
LPFTF0001QSZZ	572 217 0088	12-120	AC	DJ		C
LPiNS0301FCZZ	572 218 0426	6- 47	AD	DJ		C
LPLTM4715FCZ1	572 221 5595	5- 96	AF	DS		C
LPLTP0056QSZZ	578 221 0705	13- 3	AD	DJ	N	C
[M]						
MSPRT0089QSZZ	578 258 0611	9- 32	AC	DJ		C
[N]						
NPLYZ0016QSZZ	578 284 0068	5- 18	AF	DS		C
NPLYZ0017QSZZ	578 284 0069	4- 4	AE	DS		C
NROLR0922FCZZ	572 287 1120	13- 13	AR	EZ		C
[P]						
PCLR-0010QSZZ	578 318 0039	11- 58	AC	DJ		C
PCOVPO029QSZZ	578 323 0247	9- 5	AT	EZ		C
PCOVPO072QS12	578 323 0252	8- 11	AH	DX	N	C
PSEL-0067QSZZ	578 400 0221	8- 7	AG	DX		C
PSEL-0105QSZZ	578 400 0235	8- 45	AA	DJ		C
PSEL-0114QSZZ	578 400 0233	8- 47	AC	DJ		C

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