

SERVICE MANUAL

bizhub 501/421/361

FIELD SERVICE TOTAL CONTENTS

SAFETY AND IMPORTANT WARNING ITEMS	S-1
IMPORTANT NOTICE	S-1
DESCRIPTION ITEMS FOR DANGER, WARNING AND CAUTION	S-1
SAFETY WARNINGS	S-2
SAFETY INFORMATION	S-13
IMPORTANT NOTICE	S-13
INDICATION OF WARNING ON THE MACHINE	S-14
MEASURES TO TAKE IN CASE OF AN ACCIDENT	S-16
Legal restrictions on copying	
Composition of the service manual	C-2
Notation of the service manual	C-3
bizhub 501/421/361 Main Body	
OUTLINE	1
MAINTENANCE	7
ADJUSTMENT/SETTING	163
TROUBLESHOOTING	315
APPENDIX	355
* For particulars, see the contents of the main body.	
DF-613	
OUTLINE	1
MAINTENANCE	5
ADJUSTMENT/SETTING	•
* For particulars, see the contents of DF-613.	
PC-206	
OUTLINE	4
MAINTENANCE	
ADJUSTMENT/SETTING	15
* For particulars, see the contents of PC-206.	
PC-407	
OUTLINE	1
MAINTENANCE	3
ADJUSTMENT/SETTING	19
* For particulars, see the contents of PC-407.	

LU-203 OUTLINE 1 ADJUSTMENT/SETTING......23 * For particulars, see the contents of LU-203. FS-522/PU-501/OT-602 OUTLINE 1 MAINTENANCE 5 ADJUSTMENT/SETTING 19 * For particulars, see the contents of FS-522/PU-501/OT-602. FS-523/RU-507 OUTLINE 1 * For particulars, see the contents of FS-523/RU-507. SD-507 MAINTENANCE 3 * For particulars, see the contents of SD-507. MT-502 MAINTENANCE 3 * For particulars, see the contents of MT-502. JS-502 * For particulars, see the contents of JS-502. IC-207 OUTLINE 1 MAINTENANCE 5 ADJUSTMENT / SETTING9 * For particulars, see the contents of IC-207.

SAFETY AND IMPORTANT WARNING ITEMS

Read carefully the Safety and Important Warning Items described below to understand them before doing service work.

IMPORTANT NOTICE

Because of possible hazards to an inexperienced person servicing this product as well as the risk of damage to the product, Konica Minolta Business Technologies, INC. (hereafter called the KMBT) strongly recommends that all servicing be performed only by KMBT-trained service technicians.

Changes may have been made to this product to improve its performance after this Service Manual was printed. Accordingly, KMBT does not warrant, either explicitly or implicitly, that the information contained in this Service Manual is complete and accurate.

The user of this Service Manual must assume all risks of personal injury and/or damage to the product while servicing the product for which this Service Manual is intended.

Therefore, this Service Manual must be carefully read before doing service work both in the course of technical training and even after that, for performing maintenance and control of the product properly.

Keep this Service Manual also for future service.

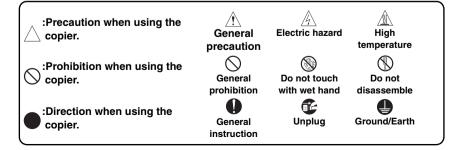
DESCRIPTION ITEMS FOR DANGER, WARNING AND CAUTION

In this Service Manual, each of three expressions "ADANGER", "AWARNING", and "ACAUTION" is defined as follows together with a symbol mark to be used in a limited meaning.

When servicing the product, the relevant works (disassembling, reassembling, adjustment, repair, maintenance, etc.) need to be conducted with utmost care.

⚠ DANGER: Action having a high possibility of suffering death or serious injury
 ⚠ WARNING: Action having a possibility of suffering death or serious injury
 ⚠ CAUTION: Action having a possibility of suffering a slight wound, medium trouble and property damage

Symbols used for safety and important warning items are defined as follows:



SAFETY WARNINGS

[1] MODIFICATIONS NOT AUTHORIZED BY KONICA MINOLTA BUSINESS TECHNOLOGIES, INC.

Konica Minolta brand products are renowned for their high reliability. This reliability is achieved through high-quality design and a solid service network.

Product design is a highly complicated and delicate process where numerous mechanical, physical, and electrical aspects have to be taken into consideration, with the aim of arriving at proper tolerances and safety factors. For this reason, unauthorized modifications involve a high risk of degradation in performance and safety. Such modifications are therefore strictly prohibited. The points listed below are not exhaustive, but they illustrate the reasoning behind this policy.

Prohibited Actions ⚠ DANGER Using any cables or power cord not specified by KMBT. Using any fuse or thermostat not specified by KMBT. Safety will not be assured, leading to a risk of fire and injury. Disabling fuse functions or bridging fuse terminals with wire, metal clips, solder or similar object. Disabling relay functions (such as wedging paper between relay contacts) Disabling safety functions (interlocks, safety circuits, etc.) Safety will not be assured, leading to a risk of fire and injury. · Making any modification to the product unless instructed by KMBT Using parts not specified by KMBT

[2] POWER PLUG SELECTION

In some countries or areas, the power plug provided with the product may not fit wall outlet used in the area. In that case, it is obligation of customer engineer (hereafter called the CE) to attach appropriate power plug or power cord set in order to connect the product to the supply.

Power Cord Set or Power Plug

⚠ WARNING

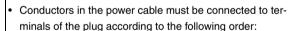
- Use power supply cord set which meets the following criteria:
 - provided with a plug having configuration intended for the connection to wall outlet appropriate for the product's rated voltage and current, and
 - the plug has pin/terminal(s) for grounding, and
 - provided with three-conductor cable having enough current capacity, and
 - the cord set meets regulatory requirements for the area. Use of inadequate cord set leads to fire or electric shock.



AC230V

- · Attach power plug which meets the following criteria:
 - having configuration intended for the connection to wall outlet appropriate for the product's rated voltage and current, and
 - the plug has pin/terminal(s) for grounding, and
 - meets regulatory requirements for the area.

Use of inadequate cord set leads to the product connecting to inadequate power supply (voltage, current capacity, grounding), and may result in fire or electric shock.



Black or Brown: L (line)

White or Light Blue: N (neutral)

• Green/Yellow: PE (earth)

Wrong connection may cancel safeguards within the product, and results in fire or electric shock.



[3] CHECKPOINTS WHEN PERFORMING ON-SITE SERVICE

Konica Minolta brand products are extensively tested before shipping, to ensure that all applicable safety standards are met, in order to protect the customer and CE from the risk of injury. However, in daily use, any electrical equipment may be subject to parts wear and eventual failure. In order to maintain safety and reliability, the CE must perform regular safety checks.

1. Power Supply

Connection to Power Supply

⚠ WARNING

Check that mains voltage is as specified.
 Connection to wrong voltage supply may result in fire or electric shock.



 Connect power plug directly into wall outlet having same configuration as the plug.

Use of an adapter leads to the product connecting to inadequate power supply (voltage, current capacity, grounding), and may result in fire or electric shock.

If proper wall outlet is not available, advice the customer to contact qualified electrician for the installation.



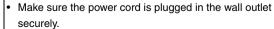
 Plug the power cord into the dedicated wall outlet with a capacity greater than the maximum power consumption.
 If excessive current flows in the wall outlet, fire may result.

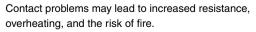


 If two or more power cords can be plugged into the wall outlet, the total load must not exceed the rating of the wall outlet.



If excessive current flows in the wall outlet, fire may







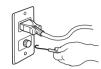


Connection to Power Supply

WARNING

Check whether the product is grounded properly.
 If current leakage occurs in an ungrounded product, you may suffer electric shock while operating the product.
 Connect power plug to grounded wall outlet.





Power Plug and Cord

WARNING

 When using the power cord set (inlet type) that came with this product, make sure the connector is securely inserted in the inlet of the product.

When securing measure is provided, secure the cord with the fixture properly.

If the power cord (inlet type) is not connected to the product securely, a contact problem may lead to increased resistance, overheating, and risk of fire.



 Check whether the power cord is not stepped on or pinched by a table and so on.

Overheating may occur there, leading to a risk of fire.



 Check whether the power cord is damaged. Check whether the sheath is damaged.

If the power plug, cord, or sheath is damaged, replace with a new power cord or cord set (with plug and connector on each end) specified by KMBT.

Using the damaged power cord may result in fire or electric shock.





Do not bundle or tie the power cord.

Overheating may occur there, leading to a risk of fire.





Power Plug and Cord

⚠ WARNING

 Check whether dust is collected around the power plug and wall outlet.

Using the power plug and wall outlet without removing dust may result in fire.



 Do not insert the power plug into the wall outlet with a wet hand



The risk of electric shock exists.

 When unplugging the power cord, grasp the plug, not the cable.

The cable may be broken, leading to a risk of fire and electric shock.





Wiring

⚠ WARNING

 Never use multi-plug adapters to plug multiple power cords in the same outlet.

If used, the risk of fire exists.





When an extension cord is required, use a specified one.
 Current that can flow in the extension cord is limited, so using a too long extension cord may result in fire.

Do not use an extension cable reel with the cable taken up. Fire may result.





2. Installation Requirements

Prohibited Installation Places

⚠ WARNING

 Do not place the product near flammable materials or volatile materials that may catch fire.

A risk of fire exists.

 Do not place the product in a place exposed to water such as rain.

A risk of fire and electric shock exists.

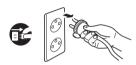


When not Using the Product for a long time

⚠ WARNING

 When the product is not used over an extended period of time (holidays, etc.), switch it off and unplug the power cord

Dust collected around the power plug and outlet may cause fire.



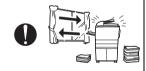
Ventilation

⚠ CAUTION

 The product generates ozone gas during operation, but it will not be harmful to the human body.

If a bad smell of ozone is present in the following cases, ventilate the room.

- a. When the product is used in a poorly ventilated room
- b. When taking a lot of copies
- c. When using multiple products at the same time



Fixing

! CAUTION

Be sure to lock the caster stoppers.

In the case of an earthquake and so on, the product may slide, leading to a injury.



3. Servicina

Inspection before Servicing

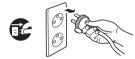
⚠ CAUTION

Before conducting an inspection, read all relevant documentation (service manual, technical notices, etc.) and proceed with the inspection following the prescribed procedure in safety clothes, using only the prescribed tools.
 Do not make any adjustment not described in the documentation.

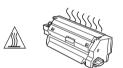


If the prescribed procedure or tool is not used, the product may break and a risk of injury or fire exists.

 Before conducting an inspection, be sure to disconnect the power plugs from the product and options.
 When the power plug is inserted in the wall outlet, some units are still powered even if the POWER switch is turned OFF. A risk of electric shock exists.



The area around the fixing unit is hot.
 You may get burnt.



Work Performed with the Product Powered On

⚠ WARNING

- Take every care when making adjustments or performing an operation check with the product powered.
 - If you make adjustments or perform an operation check with the external cover detached, you may touch live or high-voltage parts or you may be caught in moving gears or the timing belt, leading to a risk of injury.



- Take every care when servicing with the external cover detached.
 - High-voltage exists around the drum unit. A risk of electric shock exists.



Safety Checkpoints

⚠ WARNING

 When taking a report of problems from a user, check each part and repair properly.



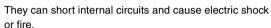
A risk of product trouble, injury, and fire exists.

 Check the exterior and frame for edges, burrs, and other damages.



The user or CE may be injured.

 Do not allow any metal parts such as clips, staples, and screws to fall into the product.



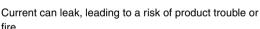




Check wiring for squeezing and any other damage.
 Current can leak, leading to a risk of electric shock or fire.



 Carefully remove all toner remnants and dust from electrical parts and electrode units such as a charging corona unit.





Check high-voltage cables and sheaths for any damage.
 Current can leak, leading to a risk of electric shock or fire.





 Check electrode units such as a charging corona unit for deterioration and sign of leakage.

Current can leak, leading to a risk of trouble or fire.



 Before disassembling or adjusting the write unit (P/H unit) incorporating a laser, make sure that the power cord has been disconnected.

The laser light can enter your eye, leading to a risk of loss of eyesight.





 Do not remove the cover of the write unit. Do not supply power with the write unit shifted from the specified mounting position.

The laser light can enter your eye, leading to a risk of loss of eyesight.





Safety Checkpoints

⚠ WARNING

 When replacing a lithium battery, replace it with a new lithium battery specified in the Parts Guide Manual. Dispose of the used lithium battery using the method specified by local authority.





Improper replacement can cause explosion.

 After replacing a part to which AC voltage is applied (e.g., optical lamp and fixing lamp), be sure to check the installation state.





A risk of fire exists.

 Check the interlock switch and actuator for loosening and check whether the interlock functions properly.
 If the interlock does not function, you may receive an electric shock or be injured when you insert your hand in the product (e.g., for clearing paper jam).





- Make sure the wiring cannot come into contact with sharp edges, burrs, or other pointed parts.
 - Current can leak, leading to a risk of electric shock or fire.



Make sure that all screws, components, wiring, connectors, etc. that were removed for safety check and maintenance have been reinstalled in the original location. (Pay special attention to forgotten connectors, pinched cables, forgotten screws, etc.)





A risk of product trouble, electric shock, and fire exists.

Handling of Consumables

! WARNING

Toner and developer are not harmful substances, but care
must be taken not to breathe excessive amounts or let the
substances come into contact with eyes, etc. It may be
stimulative.



If the substances get in the eye, rinse with plenty of water immediately. When symptoms are noticeable, consult a physician.

Handling of Consumables

⚠ WARNING

Never throw the used cartridge and toner into fire.
 You may be burned due to dust explosion.



Handling of Service Materials

⚠ CAUTION

Unplug the power cord from the wall outlet.
 Isopropyl alcohol and acetone are highly flammable and must be handled with care. A risk of fire exists.





 Do not replace the cover or turn the product ON before any solvent remnants on the cleaned parts have fully evaporated.

A risk of fire exists.



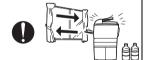


 Use only a small amount of cleaner at a time and take care not to spill any liquid. If this happens, immediately wipe it off.



A risk of fire exists.

When using any solvent, ventilate the room well.
 Breathing large quantities of organic solvents can lead to discomfort.



4. Fuse

Fuse

⚠ CAUTION

- CAUTION
 Double pole / neutral fusing
- ATTENTION
 Double pôle / Fusible sur le neutre

5. Used Batteries Precautions

Handling of batteries

CAUTION

ALL Areas

CAUTION

Danger of explosion if battery is incorrectly replaced.

Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

Germany

VORSICHT!

Explosionsgefahr bei unsachgemäßem Austausch der Batterie.

Ersatz nur durch denselben oder einen vom Hersteller empfohlenen gleichwertigen Typ. Entsorgung gebrauchter Batterien nach Angaben des Herstellers.

France

ATTENTION

Il y a danger d'explosion s'il y a remplacement incorrect de la batterie.

Remplacer uniquement avec une batterie du même type ou d'un type équivalent recommandé par le constructeur.

Mettre au rebut les batteries usagées conformément aux instructions du fabricant.

Denmark

ADVARSEL!

Lithiumbatteri - Eksplosionsfare ved fejlagtig håndtering.

Udskiftning må kun ske med batteri af samme fabrikat og type.

Levér det brugte batteri tilbage til leverandøren.

· Finland, Sweden

VAROITUS

Paristo voi räjähtää, jos se on virheellisesti asennettu.

Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin.

Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

VARNING

Explosionsfara vid felaktigt batteribyte.

Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren.

Kassera använt batteri enligt fabrikantens instruktion.

Norway

ADVARSEL

Eksplosjonsfare ved feilaktig skifte av batteri.

Benytt samme batteritype eller en tilsvarende type anbefalt av apparatfabrikanten.

Brukte batterier kasseres i henhold til fabrikantens instruksjoner.

SAFETY INFORMATION

IMPORTANT NOTICE

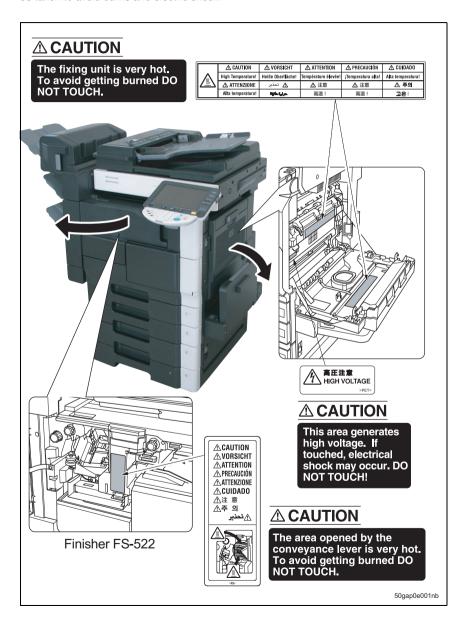
The Center for Devices and Radiological Health (CDRH) of the U.S. Food and Drug Administration implemented regulations for laser products manufactured since August 1, 1976. Compliance is mandatory for products marketed in the United States.

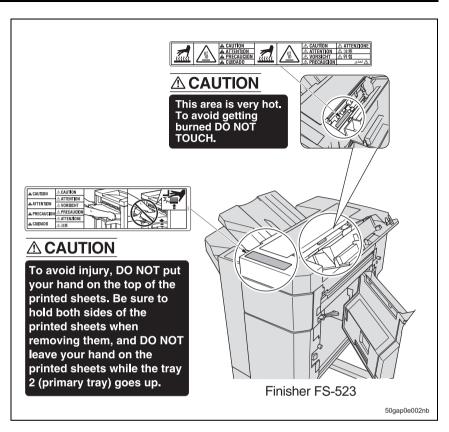
This copier is certified as a "Class 1" laser product under the U.S. Department of Health and Human Services (DHHS) Radiation Performance Standard according to the Radiation Control for Health and Safety Act of 1968. Since radiation emitted inside this copier is completely confined within protective housings and external covers, the laser beam cannot escape during any phase of normal user operation.

INDICATION OF WARNING ON THE MACHINE

Caution labels shown below are attached in some areas on/in the machine.

When accessing these areas for maintenance, repair, or adjustment, special care should be taken to avoid burns and electric shock.





♠ CAUTION:

You may be burned or injured if you touch any area that you are advised by any
caution label to keep yourself away from. Do not remove caution labels. And also,
when the caution label is peeled off or soiled and cannot be seen clearly, replace
it with a new caution label.

MEASURES TO TAKE IN CASE OF AN ACCIDENT

- If an accident has occurred, the distributor who has been notified first must immediately take emergency measures to provide relief to affected persons and to prevent further damage.
- If a report of a serious accident has been received from a customer, an on-site evaluation must be carried out quickly and KMBT must be notified.
- To determine the cause of the accident, conditions and materials must be recorded through direct on-site checks, in accordance with instructions issued by KMBT.
- For reports and measures concerning serious accidents, follow the regulations specified by every distributor.

Legal restrictions on copying

Certain types of originals must never be copied with the purpose or intent to pass copies of such originals off as the originals.

The following is not a complete list, but is meant to be used as a guide to responsible copying.

<Financial Instruments>

- Personal checks
- · Traveler's checks
- · Money orders
- · Certificates of deposit
- · Bonds or other certificates of indebtedness
- · Stock certificates

<Legal Originals>

- Food stamps
- Postage stamps (canceled or uncanceled)
- · Checks or drafts drawn by government agencies
- Internal revenue stamps (canceled or uncanceled)
- Passports
- Immigration papers
- · Motor vehicle licenses and titles
- · House and property titles and deeds

<General>

- · Identification cards, badges, or insignias
- Copyrighted works without permission of the copyright owner

In addition, it is prohibited under any circumstances to copy domestic or foreign currencies, or works of art without permission of the copyright owner.

When in doubt about the nature of an original, consult with legal counsel.

Detail

In order to prohibit the illegal reproduction of certain originals, such as paper currency, this machine is equipped with a counterfeit prevention feature.

Due to the counterfeit prevention feature that this machine is equipped with, images may be distorted.

Composition of the service manual

This service manual consists of the following sections and chapters:

<Theory of Operation section>

OUTLINE: System configuration, product specifications,

unit configuration, and paper path

COMPOSITION/OPERATION: Configuration of each unit, explanation of the operating

system, and explanation of the control system

This section gives, as information for the CE to get a full understanding of the product, a rough outline of the object and role of each function, the relationship between the electrical system and the mechanical system, and the timing of operation of each part.

<Field service section>

OUTLINE: System configuration, and product specifications

MAINTENANCE: Service schedule *, maintenance steps,

list of service tools and directions for use *.

firmware version up method *,

and removal/reinstallation methods of major parts

ADJUSTMENT/SETTING: Utility mode *, service mode *, security and mechanical

adjustment

TROUBLESHOOTING*: List of jam codes, their causes, operation when a jam

occurs and its release method, and list of error codes, their causes, operation when a warning is issued and esti-

mated abnormal parts.

APPENDIX*: Parts layout drawings, connector layout drawings, timing

chart, overall layout drawing

This section gives, as information required by the CE at the site (or at the customer's premise), a rough outline of the service schedule and its details, maintenance steps, the object and role of each adjustment, error codes and supplementary information.

The details of items with an asterisk "*" are described only in the service manual of the main body.

Notation of the service manual

A. Product name

In this manual, each of the products is described as follows:

(1) IC board: Standard printer

(2) bizhub 501/421/361: Main body
 (3) Microsoft Windows 95: Windows 95
 Microsoft Windows 98: Windows 98
 Microsoft Windows Me: Windows Me

Microsoft Windows NT 4.0: Windows NT 4.0 or Windows NT

Microsoft Windows 2000: Windows 2000
Microsoft Windows XP: Windows XP
Microsoft Windows Vista: Windows Vista

When the description is made in combination of the OS's mentioned above:

Windows 95/98/Me Windows NT 4.0/2000 Windows NT/2000/XP

Windows 95/98/Me/NT/2000/XP

B. Brand name

The company names and product names mentioned in this manual are the brand name or the registered trademark of each company.

C. Electrical parts and signals

Those listed by way of example below are not exhaustive, but only some instances among many.

Classification	Load symbol	Ex. of signal name	Description
		IN	
		PS	
Sensor	PS	Door PS1	Sensor detection signal
		SIG	
		102 PS	
		24V	Power to drive the solenoid
Solenoid	SD SD	DRV	Drive signal
		SOL	Drive signal
		24V	Power to drive the clutch
Clutch	CL	DRV	Drive signal
		SOL	- Dilve Signal

Classification	Load symbol	Ex. of signal name	Description
		24V	Power to drive the motor
		CONT	Drive signal
Motor	м	DRV1	
IVIOLOI	IVI	DRV2	Drive signals of two kinds
		D1	Drive signals of two kinds
		D2	
		_U	
		_V	
		_W	Drive signals (control signals) of three kinds
		DRV1	Drive signals (control signals) of three kinds
		DRV2	
		DRV3	
		D1	
		D2	
		D3	
		D4	
		DRV A	
	М	DRV A	
		DRV B	Drive signals (control signals) of four kinds
		DRV B	Motor, phases A and B control signals
		Α	
Motor		/A	
		В	
		/B	
		AB	
		ВВ	
		CLK, PLL	PLL control signal
		LCK, Lock, LD	PLL lock signal
		FR	Forward/reverse rotation signal
		EM, Lock, LCK, LD	Motor lock abnormality
		BLK	Drive brake signal
		P/S	Power/stop
		S/S	Operating lead start/stap signal
		SS	Operating load start/stop signal
		CW/CCW, F/R	Rotational direction switching signal
		ENB	Effective signal
		TEMP_ER	Motor temperature abnormality detection signal
		24V	Power to drive the fan motor
Fan	FM	CONT, DRIVE	Drive signal
ran	FIVI	HL	Speed control signal (2 speeds)
		EM, Lock, LCK, FEM	Detection signal
Others		TH1.S, ANG	Analog signal

Classification	Load symbol	Ex. of signal name	Description
Ground		SG, S.GND, S_GND	Signal ground
Giodila		PG, P.GND	Power ground
		DCD	Data carrier detection
		SIN	Serial input
		SOUT	Serial output
		DTR	Data terminal operation available
0		GND	Signal ground (earth)
Serial com- munication		DSR, DSET	Data set ready
aoaor.		RTS	Transmission request signal
		CTS	Consent transmission signal
		RI	Ring indicator
		TXD	Serial transmission data
,		RXD	Serial reception data

D. Paper feed direction

When the direction in which paper is fed is in parallel with the longer side of paper, the paper feed direction like this is referred to as the longitudinal feed.

And the paper feed direction that is perpendicular to the longitudinal feed is referred to as the transverse feed.

When specifying the longitudinal feed, "S (abbreviation for Short Edge Feeding)" is added to the paper size. For the transverse feed, no specific notation is employed.

However, when only the longitudinal feed is specified for one and the same paper size with no specification made for the transverse feed, "S" is not added even when being fed longitudinally.

<Example>

Paper size	Feed direction	Notation
A4	Transverse feed	A4
Λ4	Longitudinal feed	A4S
A3	Longitudinal feed	A3

Blank Page



SERVICE MANUAL

bizhub 501/421/361 Main body

Revision history

After publication of this service manual, the parts and mechanism may be subject to change for improvement of their performance.

Therefore, the descriptions given in this service manual may not coincide with the actual machine.

When any change has been made to the descriptions in the service manual, a revised version will be issued with a revision mark added as required.

Revision mark:

- To indicate clearly a section revised, is shown at the left margin of the revised section.
 The number inside represents the number of times the revision has been made.
- To indicate clearly a page that contains the revision, is shown near the page number of the corresponding page.
 The number inside represents the number of times the revision has been made.

NOTE

Revision marks shown in a page are restricted only to the latest ones with the old ones deleted.

- When a page revised in Ver. 2.0 has been changed in Ver. 3.0:
 The revision marks for Ver. 3.0 only are shown with those for Ver. 2.0 deleted.
- When a page revised in Ver. 2.0 has not been changed in Ver. 3.0:
 The revision marks for Ver. 2.0 are left as they are.

	2008/07	1.01		Correction of an error in writing
ĺ	2008/05	1.0	_	Issue of the first edition
ĺ	Date	Service manual Ver.	Revision mark	Descriptions of revision

CONTENTS

bizhub 501/421/361

0	u	т	H	N	F

 SYSTEM 	1 CONFIGURATION	1
2. PRODUC	CT SPECIFICATIONS	3
MAINTEN	NANCE	
3. PERIODI	IC CHECK	7
3.1 Mair	ntenance item	7
3.1.1	Main body	7
3.1.2	DF	10
3.1.3	PC	11
3.1.4	LU	12
3.1.5	FS	12
3.1.6	MT	13
3.1.7	SD	13
3.1.8	RU	13
3.2 Repl	placement parts list	14
3.2.1	Periodically replacement parts list (bizhub 501/421)	14
3.2.2	Periodically replacement parts list (bizhub 361)	16
3.3 Life	value	18
3.3.1	Life value of materials	
3.4 Mair	ntenance procedure of the external section	
3.4.1	Replacing the ozone filter	
3.4.2	Replacing the filter cover assy and the suction filter /A assy	
3.4.3	Replacing the paper exit suction filter	
	ntenance procedure of the write section	
3.5.1	Replacing the write unit	
	ntenance procedure of the photosensitive material section	
3.6.1	Replacing the drum unit	
3.6.2	Replacing the drum	
	ntenance procedure of the transfer/separation corona section	
3.7.1	Replacing the transfer/separation corona unit	
	ntenance procedure of the developing section	
3.8.1	Replacing the developing unit.	
3.8.2	Replacing developer	
	ntenance procedure of the toner supply section	
3.9.1	Replacing the filter mounting plate assy	
3.9.2	Replacing the suction cover /2 assy	
	aning/toner recycle section	
	Replacing the cleaning blade assy	
	ntenance procedure of the paper feed section	
3.11.1	·	
	P. Replacing the separation roller assy (tray 1)	
	Replacing the feed roller/pick-up roller (tray 2) Replacing the separation roller assy (tray 2)	
٥.١١.4	Find placing the separation roller assy (tray 2)	၁୪

3.12 Mair	ntenance procedure of the bypass tray section	. 60
3.12.1	Removing/reinstalling the bypass unit	. 60
3.12.2	Replacing the separation roller assy	. 63
3.12.3	Replacing the feed roller	. 66
3.13 Mair	ntenance procedure of the registration section	. 69
3.13.1	Cleaning the paper dust removing brush	. 69
3.13.2	Replacing the loop roller, the loop bearing, the registration roller /Rt, and the registration bearings /Rt and /Lt.	. 70
3.14 Mair	ntenance procedure of the fusing section	. 77
3.14.1	Removing/reinstalling the fusing unit	. 77
3.14.2	Replacing the fusing claw assy	. 79
3.14.3	Replacing the fusing web	. 82
3.14.4	Replacing the fusing driven roller assy /A and /B	. 84
3.14.5	Removing/reinstalling the fusing heater lamps /1 (L2) and /2 (L3)	. 86
3.14.6	Replacing the fusing roller, the fusing pressure roller, the heat insulating sleeve /A, the fusing bearings /Up and /Lw and the fusing input gear assy	. 88
3.14.7	Replacing the fusing sensor assy	. 92
3.14.8	Replacing the fuse holder assy	. 94
4. SERVICE	ETOOLS	. 95
4.1 Serv	vice material list	. 95
4.2 Jig li	ist	. 96
4.3 Mate	erials	. 97
5. FIRMWA	RE VERSION UP	. 98
5.1 ISW	/	. 98
5.1.1	Outline	. 98
5.1.2	Firmware data flow	
5.1.3	Settings on the main body side while in ISW	
5.1.4	Board to be rewritten and Rewritable firmware.	
	B ISW	
5.2.1	Outline	
5.2.2	SPECIFICATIONS.	
5.2.3	USB ISW in the service mode.	
5.2.4	Error list	
	rnet ISW.	
5.3.1	Outline	
5.3.2	Service environment	
5.3.3	Preparations for Firmware rewriting	
5.3.4	Firmware rewriting	
5.3.5	Error Code List for the Internet ISW	
	rnet ISW Setting.	
5.4 Inter	Internet ISW Set .	
5.4.1	HTTP Setting	
	•	
5.4.3	FTP Setting	
5.4.4	Forwarding Access Setting	
5.4.5	Download	
	S	
	ns not allowed to be disassembled and adjusted	
6.1.1	Scanner section	
6.1.2	Write section	
6.1.3	Developing unit	
6.1.4	Drum unit	130

MAINTENANCE

OUTLINE

6.2 List	Registration section	131
	of parts to be disassembled and reassembled	132
6.3 Disa	ssembling/assembling procedure	133
6.3.1	Removing/reinstalling the rear cover /1	133
6.3.2	Removing/reinstalling the rear cover /2	133
6.3.3	Removing/reinstalling the rear cover /3	134
6.3.4	Removing/reinstalling the rear cover /4	135
6.3.5	Removing/reinstalling the right cover /Up	136
6.3.6	Removing/reinstalling the right cover /Lw	137
6.3.7	Removing/reinstalling the left cover	137
6.3.8	Removing/reinstalling the front door	138
6.3.9	Removing/reinstalling the original glass	139
6.3.10	Removing/reinstalling the upper covers /Fr and /Lt	141
6.3.11	Removing/reinstalling the upper cover /Rr	142
6.3.12	Removing/reinstalling the front cover	142
6.3.13	Removing/reinstalling the operation panel	143
6.3.14	Removing/reinstalling the CCD unit	146
6.3.15	Replacing the exposure lamp	149
6.3.16	Removing/reinstalling the exposure unit	150
6.3.17	Stretching the scanner wire	152
6.3.18	Removing/reinstalling the toner supply unit.	154
6.3.19	Removing/reinstalling the trays 1 and 2	159
6.4 Opti	on counter	160
6.4.1	Configuration of the key counter	160
6.4.2	Installation procedure of the key counter	161
ADJUSTN	MENT/SETTING	
7. HOW TO	USE THE ADJUSTMENT/SETTING SECTION	
		163
7.1 Com	position	
		163
8. UTILITY I	position	163
8. UTILITY I 8.1 List 9. LIST OF	position MENU of utility mode ADJUSTMENT ITEMS.	163 164 164 169
8. UTILITY I 8.1 List 9. LIST OF	position	163 164 164 169
8. UTILITY I 8.1 List 9. LIST OF 10. SERVICE	position MENU of utility mode ADJUSTMENT ITEMS.	163 164 164 169 170
8. UTILITY I 8.1 List 9. LIST OF 10. SERVICE 10.1 List	position MENU of utility mode ADJUSTMENT ITEMS. MODE	163 164 169 170
8. UTILITY I 8.1 List 9. LIST OF 10. SERVICE 10.1 List 10.2 Setti 10.2.1	position MENU. of utility mode. ADJUSTMENT ITEMS. MODE. of service mode ng Method. Start and exit of the service mode	163 164 169 170 173
8. UTILITY I 8.1 List 9. LIST OF 10. SERVICE 10.1 List 10.2 Setti 10.2.1 10.3 Mac	position MENU . of utility mode . ADJUSTMENT ITEMS . MODE . of service mode . ng Method . Start and exit of the service mode . nine Adjust .	163 164 169 170 173 173
8. UTILITY I 8.1 List 9. LIST OF 10. SERVICE 10.1 List 10.2 Sett 10.2.1 10.3 Mac 10.3.1	position MENU . of utility mode . ADJUSTMENT ITEMS . MODE . of service mode . ng Method . Start and exit of the service mode . nine Adjust . Print Positioning: Leading Edge (Printer Area) .	
8. UTILITY I 8.1 List 9. LIST OF 10. SERVICE 10.1 List 10.2 Sett 10.2.1 10.3 Mac 10.3.1 10.3.2	position MENU . of utility mode . ADJUSTMENT ITEMS . MODE . of service mode . ng Method . Start and exit of the service mode . nine Adjust . Print Positioning: Leading Edge (Printer Area) . Print Positioning: Side Edge (Printer Area) .	
8. UTILITY I 8.1 List 9. LIST OF 10. SERVICE 10.1 List 10.2 Sett 10.2.1 10.3 Mac 10.3.1 10.3.2 10.3.3	position MENU . of utility mode . ADJUSTMENT ITEMS . MODE . of service mode . ng Method . Start and exit of the service mode . hine Adjust . Print Positioning: Leading Edge (Printer Area) . Print Positioning: Side Edge (Printer Area) . Paper Feed Direction Adj. (Printer Area) .	
8. UTILITY I 8.1 List 9. LIST OF 10. SERVICE 10.1 List 10.2 Sett 10.2.1 10.3 Mac 10.3.1 10.3.2 10.3.3 10.3.4	position MENU . of utility mode . ADJUSTMENT ITEMS . MODE . of service mode . ng Method . Start and exit of the service mode . hine Adjust . Print Positioning: Leading Edge (Printer Area) . Print Positioning: Side Edge (Printer Area) . Paper Feed Direction Adj. (Printer Area) . Printer Resist Loop .	
8. UTILITY I 8.1 List 9. LIST OF. 10. SERVICE 10.1 List 10.2 Sett 10.2.1 10.3 Mac 10.3.1 10.3.2 10.3.3 10.3.4 10.3.5	position MENU . of utility mode . ADJUSTMENT ITEMS . MODE . of service mode . ng Method . Start and exit of the service mode . hine Adjust . Print Positioning: Leading Edge (Printer Area) . Print Positioning: Side Edge (Printer Area) . Paper Feed Direction Adj. (Printer Area) . Printer Resist Loop . Bypass Tray Adjustment	
8. UTILITY I 8.1 List 9. LIST OF 10. SERVICE 10.1 List 10.2 Sett 10.2.1 10.3 Mac 10.3.1 10.3.2 10.3.3 10.3.4 10.3.5 10.3.6	position MENU . of utility mode . ADJUSTMENT ITEMS . MODE . of service mode . ng Method . Start and exit of the service mode . nine Adjust . Print Positioning: Leading Edge (Printer Area) . Print Positioning: Side Edge (Printer Area) . Paper Feed Direction Adj. (Printer Area) . Printer Resist Loop . Bypass Tray Adjustment . Image Position: Leading Edge (Scan Area) .	
8. UTILITY I 8.1 List 9. LIST OF. 10. SERVICE 10.1 List 10.2 Sett 10.2.1 10.3 Mac 10.3.1 10.3.2 10.3.3 10.3.4 10.3.5 10.3.6 10.3.7	position MENU. of utility mode. ADJUSTMENT ITEMS. MODE. of service mode ng Method. Start and exit of the service mode hine Adjust. Print Positioning: Leading Edge (Printer Area). Print Positioning: Side Edge (Printer Area) Paper Feed Direction Adj. (Printer Area) Printer Resist Loop. Bypass Tray Adjustment Image Position: Leading Edge (Scan Area). Image Position: Side Edge (Scan Area).	
8. UTILITY I 8.1 List 9. LIST OF. 10. SERVICE 10.1 List 10.2 Sett 10.2.1 10.3 Mac 10.3.1 10.3.2 10.3.3 10.3.4 10.3.5 10.3.6 10.3.7 10.3.8	position MENU. futility mode. ADJUSTMENT ITEMS. MODE. of service mode ng Method. Start and exit of the service mode hine Adjust. Print Positioning: Leading Edge (Printer Area). Print Positioning: Side Edge (Printer Area) Paper Feed Direction Adj. (Printer Area) Printer Resist Loop. Bypass Tray Adjustment Image Position: Side Edge (Scan Area). Cross Direction Adjustment (Scan Area).	
8. UTILITY I 8.1 List 9. LIST OF. 10. SERVICE 10.1 List 10.2 Sett 10.2.1 10.3 Mac 10.3.1 10.3.2 10.3.3 10.3.4 10.3.5 10.3.6 10.3.7 10.3.8 10.3.9	position MENU. futility mode. ADJUSTMENT ITEMS. MODE. of service mode ng Method. Start and exit of the service mode hine Adjust. Print Positioning: Leading Edge (Printer Area). Print Positioning: Side Edge (Printer Area) Paper Feed Direction Adj. (Printer Area) Printer Resist Loop. Bypass Tray Adjustment Image Position: Leading Edge (Scan Area). Image Position: Side Edge (Scan Area). Cross Direction Adjustment (Scan Area). Feed Direction Adjustment (Scan Area).	
8. UTILITY I 8.1 List 9. LIST OF. 10. SERVICE 10.1 List 10.2 Sett 10.2.1 10.3 Mac 10.3.1 10.3.2 10.3.3 10.3.4 10.3.5 10.3.6 10.3.7 10.3.8 10.3.9 10.3.1	position MENU. futility mode. ADJUSTMENT ITEMS. MODE. of service mode ng Method. Start and exit of the service mode hine Adjust. Print Positioning: Leading Edge (Printer Area). Print Positioning: Side Edge (Printer Area) Paper Feed Direction Adj. (Printer Area) Printer Resist Loop. Bypass Tray Adjustment Image Position: Leading Edge (Scan Area). Image Position: Side Edge (Scan Area). Cross Direction Adjustment (Scan Area) Feed Direction Adjustment (Scan Area) Lead Edge Erase Adjustment.	
8. UTILITY I 8.1 List 9. LIST OF. 10. SERVICE 10.1 List 10.2 Setti 10.2.1 10.3 Mac 10.3.1 10.3.2 10.3.3 10.3.4 10.3.5 10.3.6 10.3.7 10.3.8 10.3.9 10.3.11 10.3.1	position MENU. futility mode. ADJUSTMENT ITEMS. MODE. for service mode for service mode for Method Start and exit of the service mode for hine Adjust. Print Positioning: Leading Edge (Printer Area). Print Positioning: Side Edge (Printer Area) Paper Feed Direction Adj. (Printer Area) Printer Resist Loop. Bypass Tray Adjustment Image Position: Leading Edge (Scan Area). Image Position: Side Edge (Scan Area). Cross Direction Adjustment (Scan Area) Feed Direction Adjustment (Scan Area) Lead Edge Erase Adjustment I Non-Image Area Erase Check	
8. UTILITY I 8.1 List 9. LIST OF. 10. SERVICE 10.1 List 10.2 Setti 10.2.1 10.3 Mac 10.3.1 10.3.2 10.3.3 10.3.4 10.3.5 10.3.6 10.3.7 10.3.8 10.3.9 10.3.11 10.4 Imag	position MENU. futility mode. ADJUSTMENT ITEMS. MODE. of service mode ng Method. Start and exit of the service mode hine Adjust. Print Positioning: Leading Edge (Printer Area). Print Positioning: Side Edge (Printer Area) Paper Feed Direction Adj. (Printer Area) Printer Resist Loop. Bypass Tray Adjustment Image Position: Side Edge (Scan Area). Image Position: Side Edge (Scan Area). Cross Direction Adjustment (Scan Area) Peed Direction Adjustment (Scan Area) Lead Edge Erase Adjustment I Non-Image Area Erase Check Jing Process Adjustment.	
8. UTILITY I 8.1 List 9. LIST OF. 10. SERVICE 10.1 List 10.2 Setti 10.2.1 10.3 Mac 10.3.1 10.3.2 10.3.3 10.3.4 10.3.5 10.3.6 10.3.7 10.3.8 10.3.9 10.3.11 10.4 Imag	position MENU. futility mode. ADJUSTMENT ITEMS. MODE. for service mode for service mode for Method Start and exit of the service mode for hine Adjust. Print Positioning: Leading Edge (Printer Area). Print Positioning: Side Edge (Printer Area) Paper Feed Direction Adj. (Printer Area) Printer Resist Loop. Bypass Tray Adjustment Image Position: Leading Edge (Scan Area). Image Position: Side Edge (Scan Area). Cross Direction Adjustment (Scan Area) Feed Direction Adjustment (Scan Area) Lead Edge Erase Adjustment I Non-Image Area Erase Check	

	10.4.2	Transfer Manual Adj	186
	10.4.3	Separation (AC) Manual Adj	186
	10.4.4	Separation (DC) Manual Adj	186
	10.4.5	Grid Charging Manual Adj	186
	10.4.6	Bias Voltage Manual Adj	186
	10.4.7	TCR Adjustment	186
	10.4.8	Toner Auto Supply	186
	10.4.9	Toner Density Adjustment	187
	10.4.10	Daser Diameter Adjustment	188
	10.4.11	LD1 Offset Adj. / LD2 Offset Adj	189
	10.4.12	2 LD1 Bias Adj. / LD2 Bias Adj	189
1	10.5 Syste	em 1	190
	10.5.1	Marketing Area	190
	10.5.2	Tel/Fax Number	191
	10.5.3	Serial Number	191
	10.5.4	Trouble Isolation	192
	10.5.5	No Sleep	192
	10.5.6	Foolscap Size Setting	192
	10.5.7	Original Size Detection	193
	10.5.8	Detected Size Setting	193
	10.5.9	Install Date	194
	10.5.10	Initialization	194
	10.5.11	Machine State LED Setting	195
1	10.6 Cour	nter	196
	10.6.1	Display of the Counter	196
	10.6.2	Present Parts Life	205
	10.6.3	PM	207
1	10.7 State	Confirmation	208
	10.7.1	Sensor Check	208
	10.7.2	Load Check	216
	10.7.3	Memory/HDD Condition	223
	10.7.4	Memory Check (Memory/HDD Adjustment)	223
	10.7.5	HDD R/W Check (Memory/HDD Adjustment)	223
	10.7.6	HDD Format (Memory/HDD Adjustment)	224
	10.7.7	Adj. Data Table	224
	10.7.8	Adj. Data Table	225
1	10.8 ADF.		230
	10.8.1	Paper Feed Direction	230
	10.8.2	Lead Edge	231
	10.8.3	Side Edge	232
	10.8.4	Resist Loop Adj	233
	10.8.5	Original Size Adj	233
	10.8.6	Density Adj	234
	10.8.7	Scan Position Adjustment	235
	10.8.8	Sensor Auto Adjust	236
1		her	
		Center Staple Position (SD-507)	
		Half-Fold Position (SD-507)	
		Punch Horizontal Position (PU)	
		Punch Resist Loop (PU)	
	-	,	_

MAINTENANCE

10.10Firmware Version	241
10.11CS Remote Care	242
10.11.1 Outlines	242
10.11.2 Setting Up the CS Remote Care	242
10.11.3 Software SW setting for CS Remote Care	246
10.11.4 Setup confirmation	251
10.11.5 Calling the Maintenance	251
10.11.6 Calling the Center from the Administrator	251
10.11.7 Checking the transmission log	251
10.11.8 Detail on settings	252
10.11.9 List of the CS Remote Care error code	259
10.11.10Troubleshooting for CS Remote Care	263
10.12System 2	264
10.12.1 Data Capture	264
10.12.2 Paper Size Setting	264
10.12.3 DipSW Setting	264
10.12.4 ISW	282
10.12.5 Option	282
10.12.6 Network FAX Setting	282
10.12.7 Trouble Reset	283
10.12.8 Internet ISW	283
10.13List Output	284
10.13.1 List output	284
10.14Test Mode	285
10.14.1 Test pattern list	285
10.14.2 Test pattern output	292
10.14.3 Running Mode	293
10.15Fax setting	294
10.16Enhanced Security	
10.16.1 The setting method of the security settting	295
10.16.2 Enhanced Security function tree	295
10.16.3 CE Password	
10.16.4 Administrator Password	296
10.16.5 Administrator Feature Level	297
10.16.6 CE Authentication	
10.16.7 Operation Ban release time	
10.16.8 Administrator unlocking	
10.16.9 F Memory Lock PW Initialize	
10.17Billing Setting	
10.17.1 Billing Setting function tree	
10.17.2 Tree structure of the billing setting	
10.17.3 Counter Setting	
10.17.4 Management Function Choice	
11.MECHANICAL ADJUSTMENT	
11.1 Mis-centering adjustment of the trays 1 and 2	
11.2 Mis-centering adjustment of the bypass tray	
TROUBLESHOOTING	
12. JAM CODE	
12.1 Jam code list	315

13. MALFUNCTION CODE	327
13.1 Malfunction code list	327
APPENDIX	
14. PARTS LAYOUT DRAWING	355
14.1 Main body	355
14.1.1 Switch/sensor	355
14.1.2 Load	361
14.1.3 Boards and others	367
14.2 DF	372
14.3 PC	374
14.3.1 PC-206	374
14.3.2 PC-407	375
14.4 LU	376
14.5 FS	377
14.5.1 FS-522.	
14.5.2 FS-523.	
14.6 PU-501	
14.7 SD-507	
14.8 MT-502	
14.9 RU-507	
14.10JS-502	
15. CONNECTOR LAYOUT DRAWING.	
15.1 Main body	
15.1.1 Connector in the board.	
15.2 DF	
15.2.1 Connector in the board.	
15.2.1 Connector in the board.	
15.3.1 Connector in the board.	
15.4 LU	
15.4.1 Connector in the board.	
15.5 FS	
15.5.1 Connector in the board	
15.6 SD	
15.6.1 Connector in the board.	
15.7 MT	
15.7.1 Connector in the board	
16. TIMING CHART	
16.1 Main body	
16.2 DF	
16.3 LU	
16.4 FS	
16.4.1 FS-522	
16.4.2 FS-523	416
17. OVERALL WIRING DIAGRAM	
17.1 Main body	
17.2 Main body 1/4	
17.3 Main body 2/4	
17.4 Main body 3/4	
17.5 Main body 4/4	

bizhub 501/421/361

TROUBLESHOOTING

```
17.6 DF

17.7 PC

17.7.1 PC-206

17.7.2 PC-407

17.8 LU

17.9 FS

17.9.1 FS-522/PU-501

17.9.2 FS-523

17.10SD

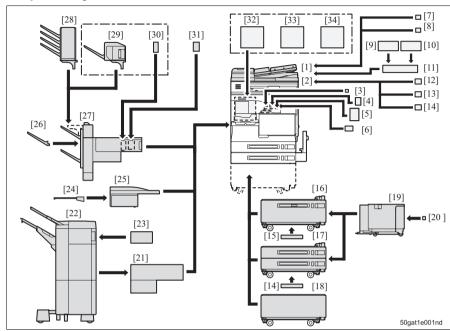
17.11MT
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■ OUTLINE

1. SYSTEM CONFIGURATION

A. System configuration



- Reverse automatic document feeder [1] (DF-613) (standard equipment)
- [2] Main body
- [3] Image controller (IC-207)
- Expended memory (EM-312) [4]
- Local Interface Kit (EK-703) [5]
- Hard disk (HD-509) [6]
- [7] Stamp unit (SP-501)
- [8] Spare TX marker stamp 2
- [9] Authentication unit (Biometric type) (AU-101)
- [10] Authentication unit (IC card type: AU-201)
- Working table (WT-502) [11]
- [12] Kev counter kit 4 *1
- [13] Kev counter *1
- [14] Kev counter mount kit *1
- Dehumidifier heater 1C [15]
- Paper feed cabinet (PC-407) [16]
- [17] Paper feed cabinet (PC-206)

- [18] Desk (DK-506)
- [19] Large capacity unit (LU-203)
- [20] Dehumidifier heater *2
- [21] Relay unit (RU-507)
- [22] Finisher (FS-523)
- Swedish punch kit G *3 [23]
- Job separator (JS-502) [24]
- [25] Output trav kit (OT-504)
- [26] Output tray (OT-602)
- [27] Finisher (FS-522)
- [28] Mail bin kit (MT-502)
- [29] Saddle stitcher (SD-507)
- [30] Folding unit (included in SD-507)
- [31] Punch unit (PU-501)
- [32] FAX kit (FK-502)
- [33] Mount kit (MK-708)
- [34] FAX multi line (ML-503)
- See "6.4 Option counter" in Field Service bizhub 501/421/361 main body for details. *1
- *2 Dehumidifier heater is set up as service part.
- *3 Swedish punch kit G is for Europe only.

B. Configuration for optional device connection

Note

• Any combination other than those listed below is not available.

No.	Combinations for paper fe	Combination	Remarks		
1	DK-506/PC-206/PC-40	7 *1	OT-	504	
2	DK-506/PC-206/PC-407	7 *1	OT-504	JS-502	
3	DK-506/PC-206/PC-40	7 *1	RU-507 -	+ FS-523	
4	DK-506/PC-206/PC-40	DK-506/PC-206/PC-407 *1			
5	DK-506/PC-206/PC-407	DK-506/PC-206/PC-407 *1			
6	DK-506/PC-206/PC-407	7 *1	FS-522 *2*3	MT-502	
7	PC-206/PC-407 *4	LU-203	OT-	504	
8	PC-206/PC-407 *4	LU-203	OT-504	JS-502	
9	PC-206/PC-407 *4	LU-203	RU-507 -	+ FS-523	
10	PC-206/PC-407 *4	LU-203	FS-52	2 *2*3	
11	PC-206/PC-407 *4	LU-203	FS-522 *2*3	SD-507	
12	PC-206/PC-407 *4	LU-203	FS-522 *2*3	MT-502	

^{*1} Either one of DK-506, PC-206 and PC-407 can be selected.

^{*2} FS-522 can be installed optionally with OT-602.

^{*3} FS-522 can be installed optionally with PU-501.

^{*4} Either one of PC-206 and PC-407 can be selected.

2. PRODUCT SPECIFICATIONS

A. Type

Туре	Desktop type	Desktop type				
Copying method	Indirect electros	tatic method				
Original stand	Fixed					
Original alignment	Left rear standar	Left rear standard				
Photo conductor	OPC	OPC				
Sensitizing method	Laser writing	Laser writing				
Paper feed trays	Two trays	500 sheet x 2, 80g/m ²				
	Bypass feed	150 sheet x 1, 80g/m ²				
	PC-407 *1 2,500 sheet x 1, 80g/m ²					
	PC-206 *1	PC-206 *1 500 sheet x 2, 80g/m ²				
	LU-203 *1	2,000 sheet x 1, 80g/m ²				

^{*1} PC-407, PC-206, and LU-203 are optional.

B. Functions

Original	Sheet, book, solid object							
Max. original size	A3 or 11 x 17							
Copy size	Trays 1, 2	Inch: Metric:	11 x 17, 8½ x 14, 8½ x 11, 8½ x 11S, 5½ x 8½S A3, A4, A4S, Foolscap A3, B4, A4, A4S, B5, A5S, 11 x 17, 8½ x 11, 8½ x 11S, Foolscap, 8K*1, 16K*1					
	Bypass feed	Inch:	11 x 17, 8½ x 14, 8½ x 11, 8½ x 11S, 5½ x 8½S A4, Custom paper (Max. 297.0 x 431.8mm, Min. 92.0 x 148.0 mm) A3, B4, A4, A4S, B5, B5S*2, A5S, B6S, 11 x 17*2 8½ x 11, 8½ x 11S, Foolscap, 8K*1, 16K*1, 16KS*1, Custom paper (Max. 297.0 x 431.8mm, Min. 92.0 x 148.0 mm)					
	ADU	Inch: Metric:	11 x 17, 8½ x 14, 8½ x 11, 8½ x 11S, 5½ x 8½S A3, A4, A4S, Foolscap A3, B4, A4, A4S, B5, B5S*2, A5S, 11 x 17, 8½ x 11 8½ x 11S, Foolscap, 8K*1, 16K*1, 16KS*1					
Magnification	Fixed magnification	Inch: Metric:	x 1.000, x 1.214, x 1.294, x 1.545, x 2.000 x 0.500, x 0.647, x 0.772, x 0.785 x 1.000, x 1.154, x 1.224, x 1.414, x 2.000 x 0.500, x 0.707, x 0.816, x 0.866					
	Special magnifica- tion setting	x 0.930						
	Preset zoom setting	3 types						
	Zoom magnification	x 0.25 t	o x 4.00 (at the step of 0.1%)					
	Vertical magnifica- tion	x 0.25 t	o x 4.00 (at the step of 0.1%)					
	Horizontal magnifi- cation	x 0.25 t	o x 4.00 (at the step of 0.1%)					
Warm-up time	60 seconds or less 30 seconds or less	,	*					
First copy out time	3.2 seconds or less (bizhub 501) 3.6 seconds or less (bizhub 421/361)							
Continuous copy speed	42 copies /min. (A	(A4 / 8½ x 11) (bizhub 501) (A4 / 8½ x 11) (bizhub 421) (A4 / 8½ x 11) (bizhub 361)						
Continuous copy count	Up to 999 sheets							
Original density selection	Auto density selection, Manual (9 steps), Manual underprint density (9 steps)							

^{*1}

Only supported in Taiwan. Supported in other than inch area and Taiwan. *2

Resolution	Scan	600 x 600 dpi				
	Write	600 x 600 dpi				
Memory	Standard	1024 MB				
	Additional	1024 MB*1				
Interface section RJ45 Ethernet, Serial port (RS232-C), Serial port (USB TypeA x 3), Serial port (USB TypeB) *2, RJ-11 *3						

¹ When EM-312 is optionally installed.

C. Type of paper

Plain paper *1	All trays	High quality paper of 60 to 105 g/m ²
Special paper *2	Bypass feed only	OHP film, label paper *3, blueprint master paper *3
		High quality paper of 50 to 59 g/m ² (thin paper)
	All trays	High quality paper of 91 to 105 g/m ² (thick paper)
	Bypass feed only	High quality paper of 106 to 210 g/m ² (thick paper)

*1 Standard specified paper

Plain paper: Inch: Hammermill Tidal MP (20 lbs)

Metric: Konica Minolta Profi (80 g/m²)

Recycle paper: Inch: Hammmermill Bond (20lbs), Domtar Recycled Copy (20lbs)

Metric: Nautilus (80 g/m²)

*2 Special paper/recommended paper

Thick paper: Inch: Cougar Cover 65 lb

Metric: Xerox colotech 200 g/m²

Thin paper: Inch: Boise Cascade Bond 16 lbs

Label paper: Inch: AVERY 5352

Metric: AVERY DPS 24

OHP film: Inch: 3M CG3700

Metric: Folex overhead X-500, 3M CG3700

Envelope: Inch: Preservation Wove (24 lbs) #6-3/4, #9, #10 (4-1/8 x 9-1/2)

Metric: Schneider Soehne Distinction 100 (100 g/m²) #lang

Schneider Soehne Briefumschlage (100 g/m²) #C5

Schneider Soehne Velin 80White (80g/m²) #C6

D. Maintenance

Maintenance	Every 250,000 prints (bizhub 501/421)
	Every 225,000 prints (bizhub 361)

^{*2} When EK-703 is optionally installed.

^{*3 1} port when MK-708 and FK-502 are optionally installed.

² ports when MK-708, ML-503 and FK-502 x 2 are optionally installed.

^{*3} Label paper is loaded and fed one sheet at a time.

E. Machine data

Power source	Inch: AC120V 1	2A, 60Hz			
	Metric: AC220-240V 7A, 50Hz				
Maximum power consumption	1,560 W or less (full system)				
Dimensions	Main body + DF-613 + PC or DK	677 (W) x 708 (D) x 1,150 (H) mm *1			
Weight	Approx. 97 kg (with DF-613 provided)				

^{*1} Overturning prevention board is not included.

F. Operating environment

Temperature	10 to 30 °C
Humidity	10 to 80%RH (with no condensation)

Note

• The information herein may be subject to change for improvement without notice.

■ MAINTENANCE

3. PERIODIC CHECK

3.1 Maintenance item

Note

- For the replacement procedure of periodically replaced parts, see "3.4 Maintenance procedure of the external section" to "3.14 Maintenance procedure of the fusing section".
- The alcohol described in this section represents the isopropyl alcohol.

3.1.1 Main body

A. Maintenance 1 (Every 250,000 prints (bizhub501/421) / Every 225,000 prints (bizhub361))

No.	Unit	Description	Quantity	Impler	mentatio	Materials		
	classification			Cleaning	Check	Lubrication	Replacement	Tools used
1	Preparations	Image check			•			
		Exterior			•			
2	Photo con- ductor sec- tion	Drum DR510 • Drum count reset (Service mode)	1				•	
		Cleaning blade assy 50GA-209	1				•	Setting powder
		Charge unit		•	•			Cotton swab (wire), Alcohol/cleaning pad
3	Transfer/sep- aration sec- tion	Transfer/separation unit		•	•			Cotton swab (wire)
4	Developing section	Developer DV511 TCR adjustment (Service mode)	1				•	
5	Main body	Filter mounting plate assy 50GA-336	1				•	
		Ozon filter 50GA1031	1				•	
		Suction filter /A assy 40LA-318	1				•	
		Filter cover assy A0R5A124	1				•	
		Suction cover /2 assy 50GA-311	2				•	
6	Scanner section	Original glass (including slit glass)		•				Alcohol/cleaning pad
		Mirror 1 to mirror 3		•				Alcohol/cleaning pad

No.	Unit	Description	Quantity	Implei	mentatio	n classifi	cation	Materials
140.	classification	Description	Quantity	Cleaning		Lubrication		Tools used
7	Paper feed	Pick-up roller, feed		Olearing	OHECK	Lubiloation	Перасопин	Alcohol/cleaning pad
,	section	roller (Tray 1, 2)		•				Alcohol/clearling pau
		Separation roller assy		•				Alcohol/cleaning pad
		(Tray 1, 2)						7 10011011 01001 11119 Pag
8	Bypass tray	Feed roller		•				Alcohol/cleaning pad
	section	Separation roller		•				Alcohol/cleaning pad
9	Fusing	Fusing roller	1				•	
	section	50GA5303						
		Fusing pressure roller 50GA5304	1				•	
		Fusing web	1				•	
		50GA-540						
		Fusing counter reset						
		Heat insulating sleeve /A 26NA5372	2				•	
		Fusing bearing /Up 26NA5371	2				•	
		Fusing bearing /Lw	2				•	
		50GA5359						
		Fusing driven roller /A assy	2				•	
		40400326						
		Fusing driven roller /B	2				•	
		assy						
		40400328						
		Fusing sensor		•				Alcohol/cleaning pad
		Fusing claw		•				Alcohol/cleaning pad
		Thermostat		•				Alcohol/cleaning pad
10	Paper reverse section	Paper exit suction filter 50GA4406	1				•	
11	Registration	Paper dust removing		•				Blower brush
	section	brush						
		Registration roller /Rt		•				Alcohol/cleaning pad
		Registration roller /Lt		•				Alcohol/cleaning pad
		Loop roller		•				Alcohol/cleaning pad
		Reflective sensor		•				Blower brush
12	Final check	Paper through, Image			•			
		check						
		PM count reset			•			
		Exterior cleaning		•				

B. Maintenance 2 (Every 500,000 prints (bizhub501/421) / Every 450,000 prints (bizhub361))

No.	Unit	Description	Quantity	Implementation classification			Materials	
	classification			Cleaning	Check	Lubrication	Replacement	Tools used
1	Transfer/sep- aration sec- tion	Transfer/separation unit 50GA-260	1				•	
2	Fusing section	Fusing sensor assy 50GA-544	1				•	
		Fuse holder assy 26NA-535	1				•	
		Fusing claw assy 50GA-533	1				•	
		Fusing input gear assy 50GA-546	1				•	

C. Maintenance 3 (Every 750,000 prints (bizhub501/421) / Every 675,000 prints (bizhub361))

No.	Unit	Description	Quantity	Implementation classification			cation	Materials
(classification			Cleaning	Check	Lubrication	Replacement	Tools used
1	Photo con- ductor sec- tion	Drum unit 50GA-200	1				•	
2	Developing section	Developing unit 50GA-300	1				•	
3	Paper feed section	Pick-up roller 40303005	2				•	Actual: 300,000 feeds
		Feed roller 40303005	2				•	Actual: 300,000 feeds
		Separation roller assy (Tray 1, 2) 40300151	2				•	Actual: 300,000 feeds
4	Bypass tray section	Paper feed roller 41313001	1				•	Actual: 200,000 feeds
		Separation roller assy 40340151	1				•	Actual: 200,000 feeds

D. Maintenance 4 (Every 1,250,000 prints (bizhub501/421) / Every 900,000 prints (bizhub361))

No.	Unit	Description	Quantity	Impler	mentatio	n classifi	cation	Materials
	classification			Cleaning	Check	Lubrication	Replacement	Tools used
1	Registration section	Registration bearing /Rt 26NA4536	2				•	
		Registration bearing /Lt 26NA4537	2				•	
		Loop roller 50GA3865	1				•	
		Registration roller /Rt 50GA3848	1				•	
		Loop bearing 26NA4082	2				•	
2	Write section	Write unit A0R5A300	1				•	

3.1.2 DF A. Maintenance 1 (Every 250,000 prints (bizhub501/421) / Every 225,000 prints (bizhub361))

No.	Unit	Description	Quantity	Impler	mentatio	n classifi	cation	Materials
	classification			Cleaning	Check	Lubrication	Replacement	Tools used
1	Preparations	Paper through, mage condition			•			
		Appearance			•			
2	Paper feed section	Pick-up roller		•				Alcohol/cleaning pad Actual: 50,000 faces
		Feed roller		•				Alcohol/cleaning pad Actual: 50,000 faces
		Separation roller		•				Alcohol/cleaning pad Actual: 50,000 faces
		Other rollers		•				Alcohol/cleaning pad Actual: 50,000 faces
		Each sensor		•				Blower brush Actual: 30,000 faces
3	Paper con- veyance sec- tion	Scanning guide		•				Alcohol/cleaning pad Actual: 50,000 faces
4	Final check	Paper through, image check			•			
		Exterior cleaning		•				

B. Maintenance 2 (Every 500,000 prints (bizhub501/421) / Every 450,000 prints (bizhub361))

No.	Unit	Description	Quantity	Implei	mentatio	n classifi	cation	Materials	
	classification			Cleaning	Check	Lubrication	Replacement	Tools used	
1	Paper feed section	Pick-up roller 16EA56020	1				•	Actual: 200,000 faces	
		Feed roller 45823014	1				•	Actual: 200,000 faces	
		Separation roller 45823047	1				•	Actual: 200,000 faces	

3.1.3 PC

A. Maintenance 1 (Every 250,000 prints (bizhub501/421) / Every 225,000 prints (bizhub361))

No.	Unit	Description	Quantity	Implementation classification				Materials
	classification			Cleaning	Check	Lubrication	Replacement	Tools used
1	Preparations	Paper through check			•			
2	Paper feed	Pick-up roller		•				
	section	Feed roller		•				
		Separation roller		•				
3	Final check	Paper through check			•			
		Exterior cleaning		•				

B. Maintenance 3 (Every 750,000 prints (bizhub501/421) / Every 675,000 prints (bizhub361))

No.	Unit	Description	Quantity	Impler	mentatio	n classifi	cation	Materials
	classification			Cleaning	Check	Lubrication	Replacement	Tools used
1	Paper feed	Pick-up roller	1				•	Actual: 300,000 feeds
	section	40303005						
		Feed roller	1				•	Actual: 300,000 feeds
		40303005						
		Separation roller assy	1				•	Actual: 300,000 feeds
		40300151						

3.1.4 LU

A. Maintenance 1 (Every 250,000 prints (bizhub501/421) / Every 225,000 prints (bizhub361))

No.	Unit	Description	Quantity	Impler	mentatio	n classifi	cation	Materials	
	classification			Cleaning	Check	Lubrication	Replacement	Tools used	
1	Preparations	Paper through check			•				
2	Paper feed section	Pick-up rubber		•				Alcohol/cleaning pad	
		Feed rubber		•				Alcohol/cleaning pad	
		Separation rubber		•				Alcohol/cleaning pad	
3	Final check	Paper through check			•				
		Exterior cleaning		•					

B. Maintenance 2 (Every 500,000 prints (bizhub501/421) / Every 450,000 prints (bizhub361))

No.	Unit	Description	Quantity	Implementation classification				Materials	
	classification			Cleaning	Check	Lubrication	Replacement	Tools used	
1	Paper feed section	Pick-up rubber 40LA4009	1				•	Actual: 200,000 feeds	
		Feed rubber 26NA4011	1				•	Actual: 200,000 feeds	
		Separation rubber 26NA4012	1				•	Actual: 200,000 feeds	

3.1.5 FS

A. Maintenance 1 (Every 250,000 prints (bizhub501/421) / Every 225,000 prints (bizhub361))

No.	Unit	Description	Quantity	Impler	mentatio	n classifi	cation	Materials
	classification			Cleaning	Check	Lubrication	Replacement	Tools used
1	Preparations	Paper through check			•			
2	Conveyance section, sta- ple section	Each roller		•				Alcohol/cleaning pad
3	Staple section	Paddle		•				Alcohol/cleaning pad
4	Final check	Paper through check			•			
		Exterior cleaning		•				

3.1.6 MT

A. Maintenance 1 (Every 250,000 prints (bizhub501/421) / Every 225,000 prints (bizhub361))

No.	Unit	Description	Quantity	Implei	mentatio	n classifi	Materials	
	classification			Cleaning	Check	Lubrication	Replacement	Tools used
1	Preparations	Paper through check			•			
2	Conveyance	Each roller		•				Alcohol/cleaning pad
	section							
3	Final check	Paper through check			•			
		Exterior cleaning		•				

3.1.7 SD

A. Maintenance 1 (Every 250,000 prints (bizhub501/421) / Every 225,000 prints (bizhub361))

No.	Unit	Description	Quantity	Impler	mentatio	n classifi	Materials	
	classification			Cleaning	Check	Lubrication	Replacement	Tools used
1	Preparations	Paper through check			•			
2	Conveyance section	Each roller		•				Alcohol/cleaning pad
3	Final check	Paper through check			•			
		Exterior cleaning		•				

3.1.8 RU

A. Maintenance 1 (Every 250,000 prints (bizhub501/421) / Every 225,000 prints (bizhub361))

No.	Unit	Description	Quantity	Implementation classification				Materials
	classification			Cleaning	Check	Lubrication	Replacement	Tools used
1	Preparations	Paper through check			•			
2	Conveyance	Each roller		•				Alcohol/cleaning pad
	section							
3	Final check	Paper through check			•			
		Exterior cleaning		•				

3.2 Replacement parts list

3.2.1 Periodically replacement parts list (bizhub 501/421)

Note

- For the replacement procedure of periodically replaced parts, see "3.4 Maintenance procedure of the external section" to "3.14 Maintenance procedure of the fusing section".
- The parts count No. given in the table below represents the number of the fixed parts number in the Service mode.

A. Main body

No.	Classification	Part name	Part number	Qt.	Actual replace- ment cycle	Parts count No.	Page referred to
1	Photo con-	Drum	DR510	1	250,000		P.28
2	ductor section	Cleaning blade assy	50GA-209	1	250,000		P.42
3		Drum unit (without drum)	50GA-200	1	750,000		P.27
4	Transfer/ separation section	Transfer/separation unit	50GA-260	1	500,000		P.34
5	Developing	Developer	DV511	1	250,000		P.36
6	section	Developing unit	50GA-300	1	750,000		P.35
7	Main body	Filter mounting plate assy	50GA-336	1	250,000		P.39
8		Ozon filter	50GA1031	1	250,000		P.19
9		Suction filter /A assy	40LA-318	1	250,000		P.20
10		Filter cover assy	A0R5A124	1	250,000		P.20
11		Suction cover /2 assy	50GA-311	2	250,000		P.40
12	Paper feed	Pick-up roller	40303005	2	300,000		P.44
	section						P.51
13		Feed roller	40303005	2	300,000		P.44 P.51
14		Separation roller assy (Tray 1, 2)	40300151	2	300,000		P.49 P.58
15	Bypass tray	Paper feed roller	41313001	1	200,000		P.66
16	section	Separation roller assy	40340151	1	200,000		P.63
17	Registration	Loop roller	50GA3865	1	1,250,000		P.70
18	section	Registration roller /Rt	50GA3848	1	1,250,000		P.70
19		Registration bearing /Rt	26NA4536	2	1,250,000		P.70
20		Registration bearing /Lt	26NA4537	2	1,250,000		P.70
21		Loop bearing	26NA4082	1	1,250,000		P.70
22	Fusing	Fusing roller	50GE5303	1	250,000		P.88
23	section	Fusing pressure roller	50GA5304	1	250,000		P.88
24		Fusing web	50GA-540	1	250,000		P.82
25		Heat insulating sleeve /A	26NA5372	2	250,000		P.88
26		Fusing bearing /Up	26NA5371	2	250,000		P.88
27		Fusing bearing /Lw	50GA5359	2	250,000		P.88

No.	Classification	Part name	Part number	Qt.	Actual replace-	Parts count	Page
					ment cycle	No.	referred to
28	Fusing	Fusing sensor assy	50GA-544	1	500,000		P.92
29	section	Fuse holder assy	26NA-535	1	500,000		P.94
30		Fusing claw assy	50GA-533	1	500,000		P.79
31		Fusing driven roller /A assy	40400326	2	250,000		P.84
32		Fusing driven roller /B assy	40400328	2	250,000		P.84
33		Fusing input gear assy	50GA-546	1	500,000		P.88
34	Paper reverse	Paper exit suction filter	50GA4406	1	250,000		P.22
	section						
35	Write section	Write unit	A0R5A300	1	1,250,000		P.23

B. Option

No.	Classification	Part name	Part number	Qt.	Actual replace-	Parts count	Page
					ment cycle	No.	referred to
1	DF	Pick-up roller	16EA56020	1	200,000		*1
2		Feed roller	45823014	1	200,000		*1
3		Separation roller	45823047	1	200,000		*2
4	PC	Pick-up roller	40303005	1	300,000		*3
5		Feed roller	40303005	1	300,000		*4
6		Separation roller assy	40300151	1	300,000		*5
7	LU	Pick-up rubber	40LA4009	1	200,000		*6
8		Feed rubber	26NA4011	1	200,000		*6
9		Separation rubber	26NA4012	1	200,000		*7

- *1 (See P.5 in "Field Service DF-613")
- *2 (See P.6 in "Field Service DF-613")
- *3 (See P.7 in "Field Service PC-206 (bizhub 501/421/361)" / See P.7 in "Field Service PC-407 (bizhub 501/421/361)")
- *4 (See P.4 in "Field Service PC-206 (bizhub 501/421/361)" / See P.4 in "Field Service PC-407 (bizhub 501/421/361)")
- *5 (See P.3 in "Field Service PC-206 (bizhub 501/421/361)" / See P.3 in "Field Service PC-407 (bizhub 501/421/361)")
- *6 (See P.3 in "Field Service LU-203")
- *7 (See P.8 in "Field Service LU-203")

↑ 3.2.2 Periodically replacement parts list (bizhub 361)

Note

- For the replacement procedure of periodically replaced parts, see "3.4 Maintenance procedure of the external section" to "3.14 Maintenance procedure of the fusing section".
- The parts count No. given in the table below represents the number of the fixed parts number in the Service mode.

A. Main body

No.	Classification	Part name	Part number	Qt.	Actual replace- ment cycle	Parts count No.	Page referred to
1	Photo con-	Drum	DR510	1	225,000		P.28
2	ductor section	Cleaning blade assy	50GA-209	1	225,000		P.42
3	_	Drum unit (without drum)	50GA-200	1	675,000		P.27
4	Transfer/ separation section	Transfer/separation unit	50GA-260	1	450,000		P.34
5	Developing	Developer	DV511	1	225,000		P.36
6	section	Developing unit	50GA-300	1	675,000		P.35
7	Main body	Filter mounting plate assy	50GA-336	1	225,000		P.39
8	-	Ozon filter	50GA1031	1	225,000		P.19
9	-	Suction filter /A assy	40LA-318	1	225,000		P.20
10	-	Filter cover assy	A0R5A124	1	225,000		P.20
11	-	Suction cover /2 assy	50GA-311	2	225,000		P.40
12	Paper feed section	Pick-up roller	40303005	2	300,000		P.44 P.51
13		Feed roller	40303005	2	300,000		P.44 P.51
14		Separation roller assy (Tray 1, 2)	40300151	2	300,000		P.49 P.58
15	Bypass tray	Paper feed roller	41313001	1	200,000		P.66
16	section	Separation roller assy	40340151	1	200,000		P.63
17	Registration	Loop roller	50GA3865	1	900,000		P.70
18	section	Registration roller /Rt	50GA3848	1	900,000		P.70
19		Registration bearing /Rt	26NA4536	2	900,000		P.70
20		Registration bearing /Lt	26NA4537	2	900,000		P.70
21		Loop bearing	26NA4082	1	900,000		P.70
22	Fusing	Fusing roller	50GA5303	1	225,000		P.88
23	section	Fusing pressure roller	50GA5304	1	225,000		P.88
24		Fusing web	50GA-540	1	225,000		P.82
25		Heat insulating sleeve /A	26NA5372	2	225,000		P.88
26		Fusing bearing /Up	26NA5371	2	225,000		P.88
27		Fusing bearing /Lw	50GA5359	2	225,000		P.88
28		Fusing sensor assy	50GA-544	1	450,000		P.92
29		Fuse holder assy	26NA-535	1	450,000		P.94

No.	Classification	Part name	Part number	Qt.	Actual replace-	Parts count	Page
					ment cycle	No.	referred to
30	Fusing	Fusing claw assy	50GA-533	1	450,000		P.79
31	section	Fusing driven roller /A assy	40400326	2	225,000		P.84
32		Fusing driven roller /B assy	40400328	2	225,000		P.84
33		Fusing input gear assy	50GA-546	1	450,000		P.88
34	Paper reverse section	Paper exit suction filter	50GA4406	1	225,000		P.22
35	Write section	Write unit	50GA-650	1	900,000		P.23

B. Option

No.	Classification	Part name	Part number	Qt.	Actual replace-	Parts count	Page
					ment cycle	No.	referred to
1	DF	Pick-up roller	16EA56020	1	200,000		*1
2		Feed roller	45823014	1	200,000		*1
3		Separation roller	45823047	1	200,000		*2
4	PC	Pick-up roller	40303005	1	300,000		*3
5		Feed roller	40303005	1	300,000		*4
6		Separation roller assy	40300151	1	300,000		*5
7	LU	Pick-up rubber	40LA4009	1	200,000		*6
8		Feed rubber	26NA4011	1	200,000		*6
9		Separation rubber	26NA4012	1	200,000		*7

- *1 (See P.5 in "Field Service DF-613")
- *2 (See P.6 in "Field Service DF-613")
- *3 (See P.7 in "Field Service PC-206 (bizhub 501/421/361)" / See P.7 in "Field Service PC-407 (bizhub 501/421/361)")
- *4 (See P.4 in "Field Service PC-206 (bizhub 501/421/361)" / See P.4 in "Field Service PC-407 (bizhub 501/421/361)")
- *5 (See P.3 in "Field Service PC-206 (bizhub 501/421/361)" / See P.3 in "Field Service PC-407 (bizhub 501/421/361)")
- *6 (See P.3 in "Field Service LU-203")
- *7 (See P.8 in "Field Service LU-203")

3.3 Life value

3.3.1 Life value of materials

Item	Number of prints	Remarks
Drum	250,000 (bizhub 501/421) 225,000 (bizhub 361)	The life value is defined only by the number of prints.
Developer	250,000 (bizhub 501/421) 225,000 (bizhub 361)	

3.4 Maintenance procedure of the external section

3.4.1 Replacing the ozone filter

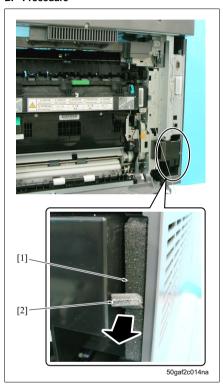
A. Periodically replaced part/cycle

Ozone filter : Every 250,000 prints *1

: Every 225,000 prints *2

*1 501/421 *2 361

B. Procedure



- Remove the right cover /Up. (See P.136)
- 2. Remove the ozone filter [1].

- When removing the ozone filter, be sure to pull it out by holding it at the section indicated by [2].
- Reinstall the above parts following the removal steps in reverse.

3.4.2 Replacing the filter cover assy and the suction filter /A assy

A. Periodically replaced parts/cycle

• Filter cover assy : Every 250,000 prints *1

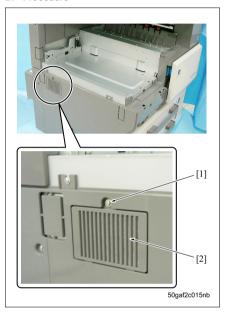
: Every 225,000 prints *2

• Suction filter /A assy : Every 250,000 prints *1

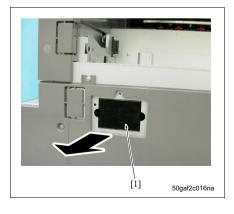
: Every 225,000 prints *2

*1 501/421 *2 361

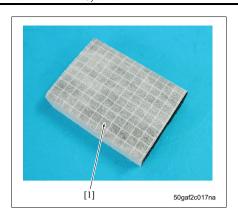
B. Procedure



1. Remove the screw [1] and then remove the filter cover assy [2].



2. Remove the suction filter /A assy [1].



- Be sure to install the suction filter /A assy with the white filter face [1] inside.
- 3. Reinstall the above parts following the removal steps in reverse.

3.4.3 Replacing the paper exit suction filter

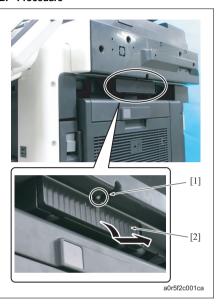
A. Periodically replaced part/cycle

• Paper exit suction filter : Every 250,000 prints *1

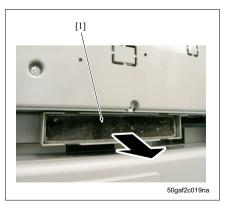
: Every 225,000 prints *2

*1 501/421 *2 361

B. Procedure



1. Remove the screw [1] and then remove the paper exit suction filter cover [2].



- 2. Remove the paper exit suction filter [1].
- 3. Reinstall the above parts following the removal steps in reverse.

3.5 Maintenance procedure of the write section

3.5.1 Replacing the write unit

⚠Warning

- Be sure not to turn on the write unit with it shifted from its regular installation position.
- Be absolutely sure not to remove the write unit cover. Otherwise, laser beams get in your eyes and you may suffer loss of sight.
- Be absolutely sure not to remove the write unit for about 2 minutes after you turn off the main power switch (SW1) or the power switch (SW2).

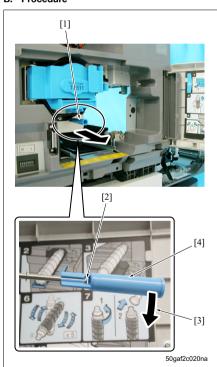
A. Periodically replaced part/cycle

Write unite : Every 1,250,000 prints *1

: Every 900,000 prints *2

*1 501/421 *2 361

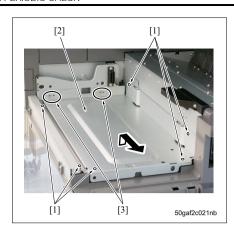
B. Procedure



- Remove the developing unit from the main body. (See P.35)
- Remove the drum unit from the main body. (See P.27)
- 3. Pull out the dust-proof glass cleaning rod [1].
- 4. Remove the cleaning knob [4] from the dust-proof glass cleaning rod [1] by rotating it in the arrowmarked direction [3] with the section indicated by [2] as a fulcrum.
- 5. Replace the dust-proof glass cleaning rod [1] to its original position.

Note

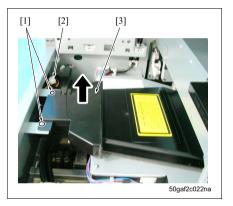
 Be sure to push in fully the dust-proof glass cleaning rod [1] so that it does not come in contact with the main body frame when removing the unit.



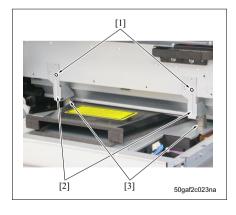
6. Remove the 6 screws [1] and then remove the write cover [2].

Note

 When installing the write cover, be sure to set the projections of the positioning [3] at 2 places into each of the holes of the frame.



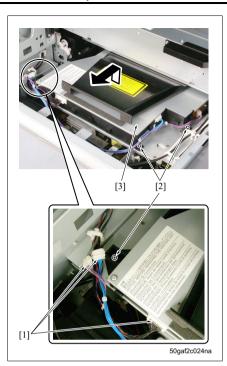
- 7. Remove the 2 screws [1].
- 8. Remove the connector [2] and then remove the drum cooling fan assy [3].



 Remove the screws [1], 1 each, and then remove the 2 write section mounting member assy's [2].

Note

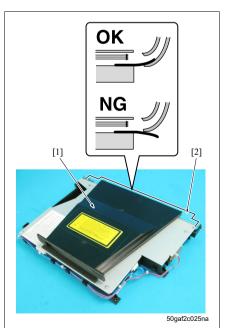
 When installing the write section mounting member assy [2], be sure to install it so that the spring [3] gets straight.



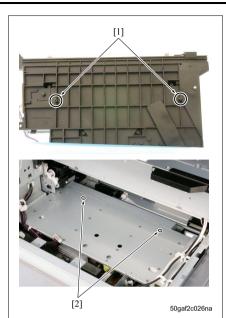
- 10. Remove the 3 connectors [1].
- 11. Remove the 3 screws [2] and then remove the write unit [3].

Note

 When removing the write unit, be sure to avoid touching the dust-proof glass.



- When installing the write unit [1], be sure to take note of the position into which the dustproof sheet /A [2] is inserted.
- When checking the insertion of the sheet, be sure to check it with the drum unit removed.



- When installing the write unit, be sure to set the projections [1] at 2 places provided on the bottom to the 2 holes [2] of the main body frame for positioning.
- 12. Reinstall the above parts following the removal steps in reverse.

3.6 Maintenance procedure of the photosensitive material section

3.6.1 Replacing the drum unit

Note

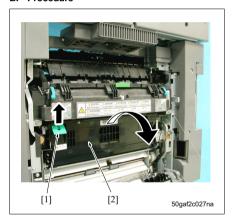
- . When removing the drum unit, be sure to hold it at both ends.
- . When removing the drum unit, be sure to avoid holding it at the separation claw unit section.
- . Be sure to avoid touching the drum with bare hands, and also be careful not to damage it.
- · Be sure to avoid turning the drum in any direction other than in the specified direction.
- . When storing the drum unit, be sure to store it in the dark place with a drum cover attached.

A. Periodically replaced part/cycle

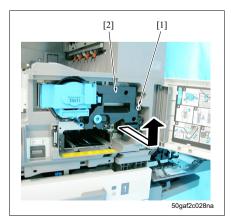
Drum unit : Every 750,000 prints *1

: Every 675,000 prints *2

*1 501/421 *2 361



- Open ADU. (See P.136)
- 2. Pull the lock release lever [1] to open the conveyance unit [2].



- Remove the developing unit from the main body. (See P.35)
- 4. Loosen the screw [1] and remove the drum unit
- 5. Reinstall the above parts following the removal steps in reverse.

3.6.2 Replacing the drum

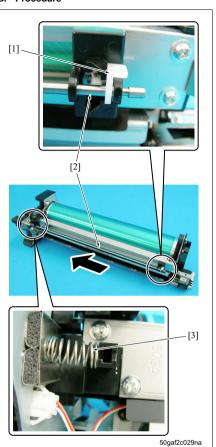
Note

- Be sure to avoid touching the drum and the cleaning blade with bare hands, and also be careful
 not to damage them.
- · When storing the drum, be sure to store it in the dark place with a drum cover attached.
- When installing the drum and the cleaning blade, be sure to apply setting powder to the circumference of the drum and the cleaning blade, regardless of these parts being new or used ones.
- When setting powder is applied to the drum, be sure to conduct the following operations before installing the drum unit to the main body.
 - With the charging corona unit removed, rotate the drum one full turn (to prevent setting powder from splashing onto the charging corona unit and the image from getting defective.)
 - When installing a new drum, be sure to reset the drum counter in the service mode. Failing to reset it may result in image fogging and toner splashing. (See P.205)

A. Periodically replaced part/cycle

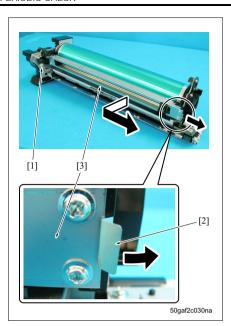
- Drum : Every 250,000 prints *1
 - : Every 225,000 prints *2
- *1 501/421
- *2 361

B. Procedure

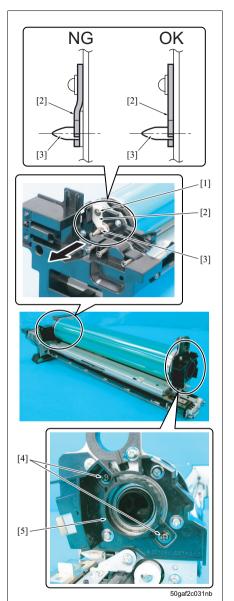


- Remove the drum unit from the main body. (See P.27)
- 2. Remove the C-clip [1] and pull out the cleaning rod [2].

- When installing the cleaning rod, be sure to take note of the direction of the C-clip.
- 3. Remove the spring [3].

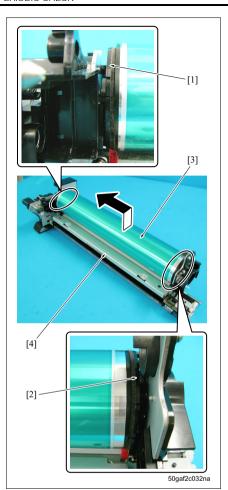


- 4. Remove the connector [1].
- 5. Open the lock lever [2] and remove the charging corona unit [3].



- 6. Remove the screw [1] and then remove the shaft mounting plate [2].
- 7. Pull out the drum shaft [3] for removal.

- When installing the drum shaft, be sure to insert the drum shaft until the shaft mounting plate comes into contact firmly with it as shown in the drawing.
- 8. Remove the 2 screws [4] and then remove the bearing [5].



Remove the seal blocks [1] and [2].
 Hold the drum [3] at both ends and remove it.

- When removing the drum, be careful not to damage the photosensitive surface.
- When removing the drum, be careful not to hit it against the metal frame section [4] of the cleaning blade.



- When installing the drum, using the attached jig [2] with the drum unit cover [1] before installing the charging corona unit, rotate the drum 1 full turn in the arrow-marked direction [3]. And then check to see if setting powder is not scraped off, and also if the toner collection sheet and the cleaning blade do not turned up.
- 11. Reinstall the above parts following the removal steps in reverse.

3.7 Maintenance procedure of the transfer/separation corona section

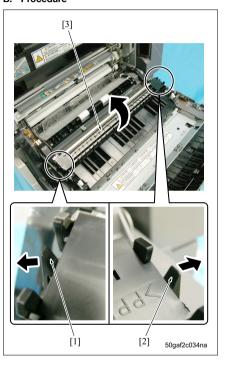
3.7.1 Replacing the transfer/separation corona unit

A. Periodically replaced part/cycle

• Transfer/separation corona unit : Every 500,000 prints *1

: Every 450,000 prints *2

*1 501/421 *2 361



- Open ADU. (See P.136)
- 2. Open the conveyance unit. (See P.27)
- 3. Release the lock levers [1] and [2] and remove the transfer/separation corona unit [3].
- 4. Reinstall the above parts following the removal steps in reverse.

3.8 Maintenance procedure of the developing section

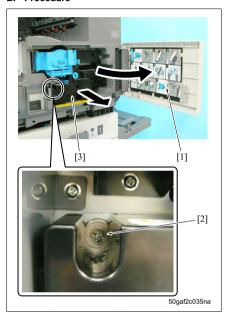
3.8.1 Replacing the developing unit

A. Periodically replaced part/cycle

• Developing unit : Every 750,000 prints *1

: Every 675,000 prints *2

*1 501/421 *2 361



- 1. Open the front door [1].
- 2. Loosen the screw [2] and remove the developing unit [3].
- Reinstall the above parts following the removal steps in reverse.

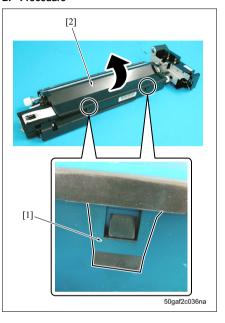
3.8.2 Replacing developer

A. Periodically replaced part/cycle

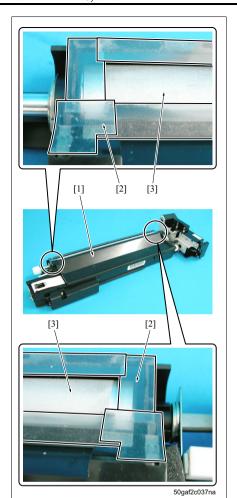
Developer : Every 250,000 prints *1
 : Every 225,000 prints *2

*1 501/421

*2 361

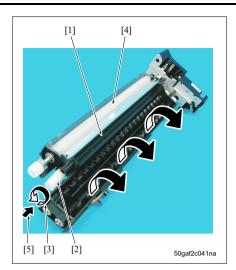


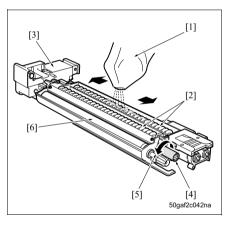
- Remove the developing unit from the main body. (See P.35)
- 2. Release the locks [1] at 2 places and remove the developing unit cover /1 [2].



Note

When installing the developing unit cover /1
[1], be sure to install it so that the splash prevention sheet [2] does not get caught into the developing roller [3].





- Tilt the developing unit [1], and rotate the developing gear [2] in the arrow-marked direction [3] to discharge thoroughly developer in the developing unit [1].
- Clean developer and toner that adhere to the developing roller [4].

Note

- Be absolutely sure not to turn the developing gear [2] in any direction other than in the arrow-marked direction [3]. (Never rotate it clockwise as seen from the direction indicated by [5].)
- If there remains any used developer on the developing roller, this may cause image fogging.
- Put in new developer [1] evenly from above the agitator screw [2].
- Rotate the developing gear [4] in the arrowmarked direction [5] so that developer [1] gets deep into the developing unit [3].
- Repeat steps 8 and 9 to put in the developer [1] thoroughly.
- Rotate the developing gear [4] in the arrowmarked direction [5] and check to see if the spiking of developer is found on the entire surface of the developing roller [6].
- Reinstall the above parts following the removal steps in reverse.

Note

 When developer [1] is replaced, be sure to conduct the TCR adjustment in the service mode.

(See P.186)

3.9 Maintenance procedure of the toner supply section

3.9.1 Replacing the filter mounting plate assy

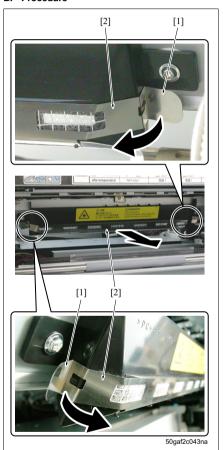
A. Periodically replaced part/cycle

• Filter mounting plate assy : Every 250,000 prints *1

: Every 225,000 prints *2

*1 501/421 *2 361

B. Procedure



- Remove the developing unit from the main body. (See P.35)
- 2. Open ADU. (See P.136)
- Open the conveyance unit. (See P.27)
- Remove the drum unit from the main body. (See P.27)
- 5. Release the lock levers [1] at 2 places and remove the filter mounting plate assy [2].
- 6. Reinstall the above parts following the removal procedure in reverse.

3.9.2 Replacing the suction cover /2 assy

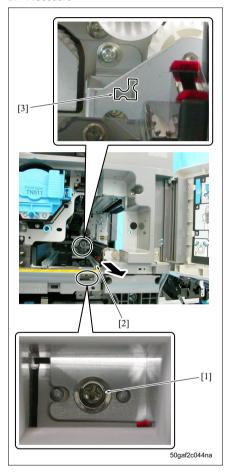
A. Periodically replaced part/cycle

• Suction cover /2 assy : Every 250,000 prints *1

: Every 225,000 prints *2

*1 501/421 *2 361

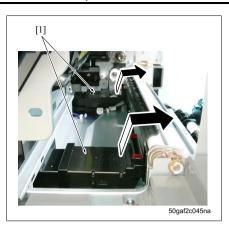
B. Procedure



- Remove the developing unit from the main body. (See P.35)
- 2. Open ADU.
 - (See P.136)
- 3. Open the conveyance unit.
 - (See P.27)
- Remove the drum unit from the main body. (See P.27)
- 5. Remove the front cover from the main body. (See P.142)
- 6. Remove the screw [1] and then remove the rail [2].

Note

• When installing the rail, be sure first to insert the tip into the notch [3].



- 7. Remove the 2 suction cover /2 assy's [1].
- 8. Reinstall the above parts following the removal steps in reverse.

3.10 Cleaning/toner recycle section

3.10.1 Replacing the cleaning blade assy

Note

- · Be sure to avoid touching the edge section of the cleaning blade assy with bare hands.
- When installing the cleaning blade assy, be sure to apply setting powder to the circumference of the drum and the cleaning blade, regardless of these parts being new or used ones.
- When setting powder is applied to the drum, be sure to conduct the following operations before installing the drum unit to the main body.
 - With the charging corona unit removed, rotate the drum 1 full turn (to prevent setting powder from splashing onto the charging corona unit and the image from getting defective.)

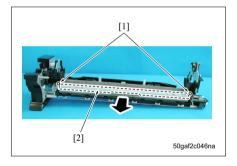
A. Periodically replaced part/cycle

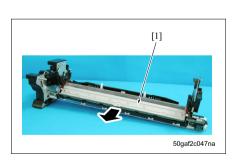
Cleaning blade assy : Every 250,000 prints *1

: Every 225,000 prints *2

*1 501/421 *2 361

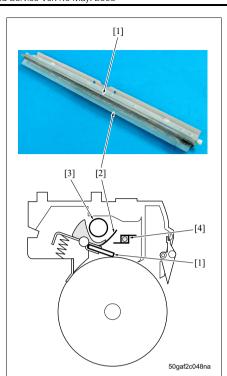
B. Procedure





- Remove the developing unit from the main body. (See P.35)
- 2. Open ADU.
 - (See P.136)
- Open the conveyance unit. (See P.27)
- 4. Remove the drum unit from the main body.
- (See P.27)

 5. Remove the drum from the drum unit.
- (See P.28)
- 6. Remove the 2 screws [1] and then remove the cleaning blade presser plate [2].
- 7. Remove the cleaning blade assy [1].



- When installing the cleaning blade assy [1], be sure to insert the transparent sheet section [2] of the unit the between the collection screw [3] and the collection paddle [4].
- 8. Reinstall the above parts following the removal steps in reverse.

3.11 Maintenance procedure of the paper feed section

3.11.1 Replacing the feed roller/pick-up roller (tray 1)

A. Periodically replaced parts/cycle

• Feed roller : Every 750,000 prints (Actual replacement cycle: Every 300,000 prints) *1

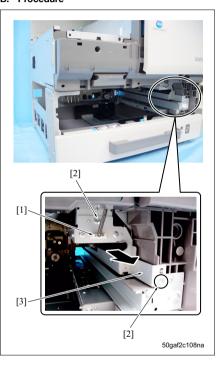
: Every 675,000 prints (Actual replacement cycle: Every 300,000 prints) *2

• Pick-up roller : Every 750,000 prints (Actual replacement cycle: Every 300,000 prints) *1

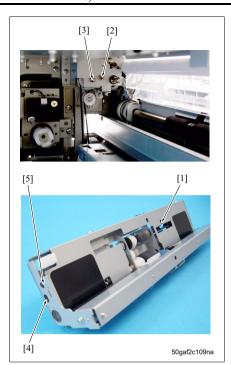
: Every 675,000 prints (Actual replacement cycle: Every 300,000 prints) *2

*1 501/421 *2 361

B. Procedure

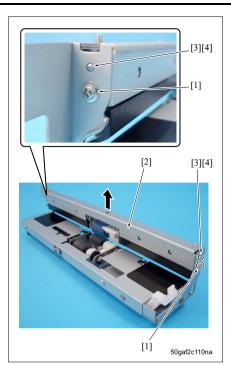


- Remove the front cover. (See P.142)
- 2. Remove the tray 1. (See P.159)
- 3. Remove the connector [1] and the 2 screws [2], and then remove the paper feed unit /1 [3].



Note

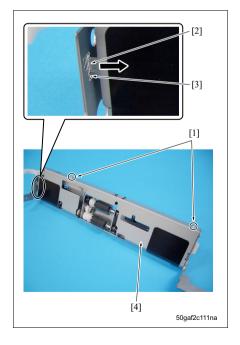
 When installing the paper feed unit /1 [1], be sure to set the shafts [2] and [3] to the holes [4] and [5].



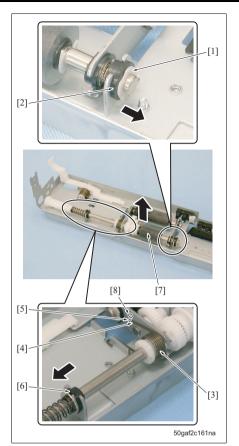
4. Remove the 2 screws [1] and then remove the separation roller unit /1 [2].

Note

 When installing the separation roller unit /1, be sure to set the projections [3], 1 each, to each of the holes [4].



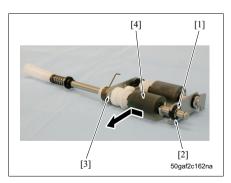
- 5. Remove the 2 screws [1].
- 6. Detach the convex section [2] from the hole [3] and remove the paper feed unit cover [4].



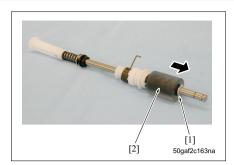
- 7. Remove the C-ring [1] and then remove the bearing [2].
- 8. Detach the hook [4] of the spring [3] from the oblong hole [5].
- 9. Remove the bearing [6] and then remove the paper feed roller unit [7].

Note

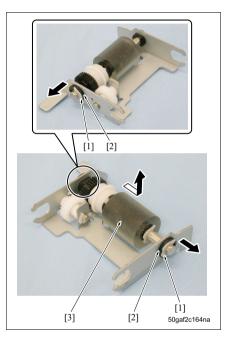
 When attaching the spring, be sure to put the hook into the oblong hole (not into the round hole [8]).



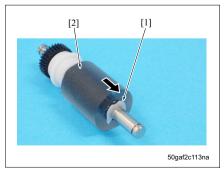
- 10. Remove the E-ring [1] and then remove the bearing [2].
- 11. Remove the bearing [3] and then remove the feed roller assy [4].



12. Remove the C-ring [1] and then remove the feed roller [2].



- 13. Remove the C-rings [1], 1 each, and then remove the 2 bearings [2].
- 14. Remove the pick-up roller assy [3].



- 15. Remove the C-ring [1] and then remove the pickup roller [2].
- 16. Reinstall the above parts following the removal steps in reverse.

3.11.2 Replacing the separation roller assy (tray 1)

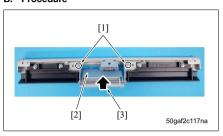
A. Periodically replaced part/cycle

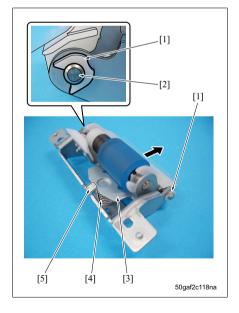
• Separation roller assy : Every 750,000 prints (Actual replacement cycle: Every 300,000 prints) *1

: Every 675,000 prints (Actual replacement cycle: Every 300,000 prints) *2

*1 501/421 *2 361

B. Procedure





1. Remove the tray 1.

(See P.159)

2. Remove the paper feed unit /1.

(See P.44)

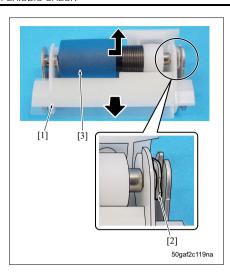
Remove the separation roller unit /1.
 (See P.44)

4. Remove the 2 screws [1] and then remove the separation roller mounting plate assy [2].

Note

- When installing the separation roller mounting plate assy, be sure to fasten it with screws while pressing it in the arrow-marked direction [3].
- 5. Remove the 2 C-rings [1] and pull out the shaft [2].
- 6. Remove the separation roller mounting plate [3].

- When removing the separation roller mounting plate, be careful that the spring [4] does not get lost since it is apt to come off.
- When installing the separation roller mounting plate, be sure to install it so that it comes under the projection [5].



- 7. Remove the guide [1].
- 8. Remove the C-ring [2] and then remove the separation roller assy [3].
- Reinstall the above parts following the removal steps in reverse.

3.11.3 Replacing the feed roller/pick-up roller (tray 2)

A. Periodically replaced parts/cycle

• Feed roller : Every 750,000 prints (Actual replacement cycle: Every 300,000 prints) *1

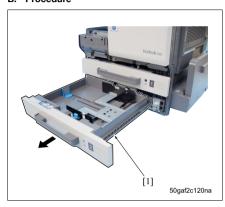
: Every 675,000 prints (Actual replacement cycle: Every 300,000 prints) *2

• Pick-up roller : Every 750,000 prints (Actual replacement cycle: Every 300,000 prints) *1

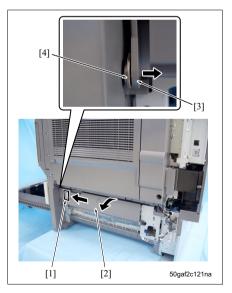
: Every 675,000 prints (Actual replacement cycle: Every 300,000 prints) *2

*1 501/421 *2 361

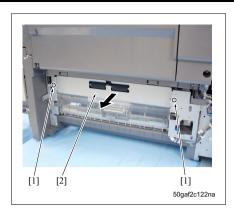
B. Procedure



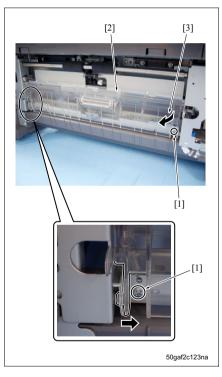
- Remove the bypass unit. (See P.60)
- 2. Pull out the tray 2 [1].



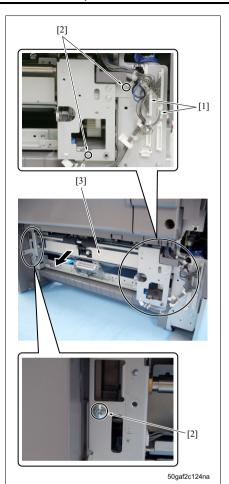
- Push the lever [1] to open the vertical conveyance door [2].
- Detach the fulcrum [3] of the vertical conveyance door from the mounting plate [4] and remove the vertical conveyance door.



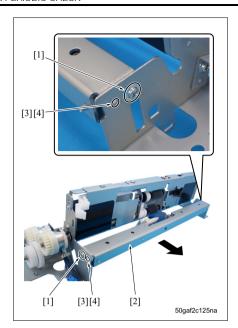
5. Remove the 2 screws [1] and then remove the conveyance roller cover [2].



6. Remove 2 screws [1] and then remove the paper feed guide /2 [2] in the arrow-marked direction [3].



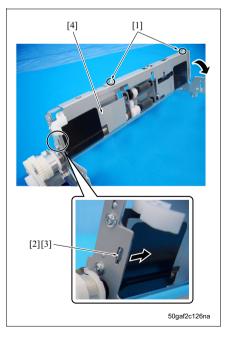
- 7. Remove the 2 connectors [1].
- 8. Remove the 3 screws [2] and then remove the paper feed unit /2 [3].



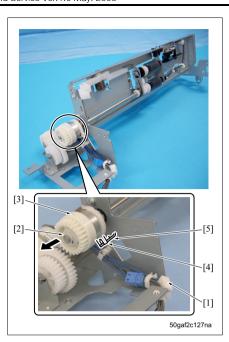
 Remove the 2 screws [1] and then remove the separation roller unit /2 [2].

Note

• When installing the separation roller unit /2, be sure to set the projection [3] to the hole [4].



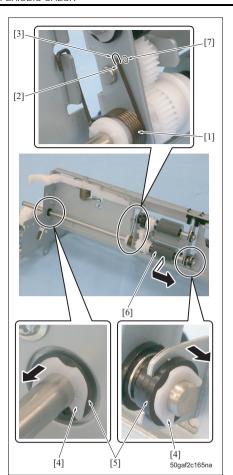
- 10. Remove the 2 screws [1].
- 11. Detach the convex section [2] from the hole [3] and remove the paper feed roller cover [4].



- 12. Remove the connector [1].
- 13. Remove the C-ring [2] and then remove the feed clutch /2 (CL5) [3].

Note

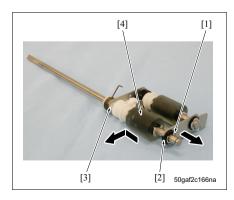
 When installing CL5, be sure to set the stopper [4] to the guide plate [5].



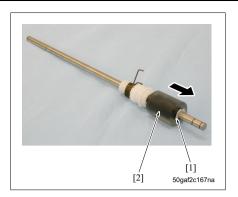
- 14. Detach the hook [2] of the spring [1] from the oblong hole [3].
- 15. Remove the C-rings [4], 1 each, and then remove the 2 bearings [5].
- 16. Remove the paper feed roller unit [6].

Note

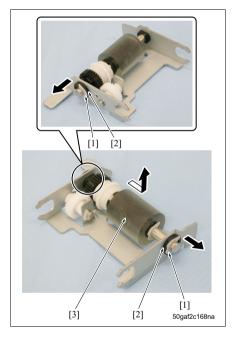
 When attaching the spring, be sure to put the hook into the oblong hole (not into the round hole [7]).



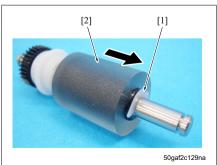
- 17. Remove the E-ring [1] and then remove the bearing [2].
- 18. Remove the bearing [3] and then remove the feed roller assy [4].



19. Remove the C-ring [1] and then remove the feed roller [2].



- 20. Remove the C-rings [1], 1 each, and then remove the 2 bearings [2].
- 21. Remove the pick-up roller assy [3].



- 22. Remove the C-ring [1] and then remove the pick-up roller [2].
- 23. Reinstall the above parts following the removal steps in reverse.

3.11.4 Replacing the separation roller assy (tray 2)

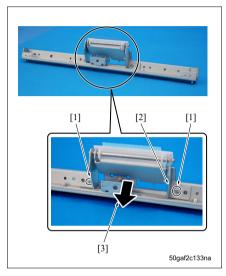
A. Periodically replaced part/cycle

Separation roller assy : Every 750,000 prints (Actual replacement cycle: Every 300,000 prints) *1

: Every 675,000 prints (Actual replacement cycle: Every 300,000 prints) *2

*1 501/421 *2 361

B. Procedure



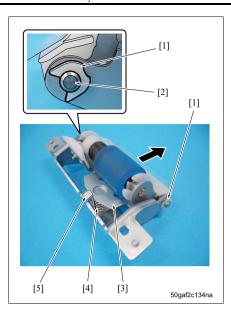
- Remove the bypass unit. (See P.60)
- 2. Pull out the tray 2.
- ${\it 3.}$ Remove the vertical conveyance door.

(See P.51)

- Remove the conveyance roller cover. (See P.51)
- 5. Remove the paper feed guide /2. (See P.51)
- 6. Remove the paper feed unit /2. (See P.51)
- Remove the separation roller unit /2. (See P.51)
- 8. Remove the 2 screws [1] and then remove the separation roller mounting plate assy [2].

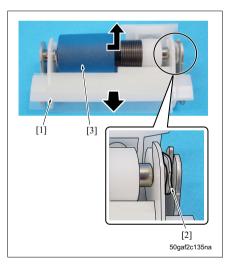
Note

 When installing the separation roller mounting plate assy, be sure to fasten it with screws while pressing it in the arrow-marked direction [3].



9. Remove the 2 C-rings [1] and pull out the shaft [2]. 10. Remove the separation roller mounting plate [3].

- When removing the separation roller mounting plate, be careful that the spring [4] does not get lost since it is apt to come off.
- When installing the separation roller mounting plate, be sure to install it so that it comes under the projection [5].

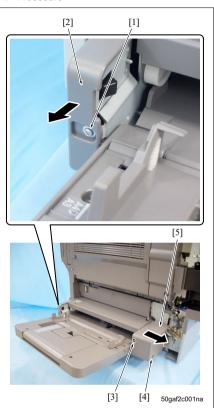


- 11. Remove the guide [1].
- 12. Remove the C-ring [2] and then remove the separation roller assy [3].
- 13. Reinstall the above parts following the removal steps in reverse.

3.12 Maintenance procedure of the bypass tray section

3.12.1 Removing/reinstalling the bypass unit

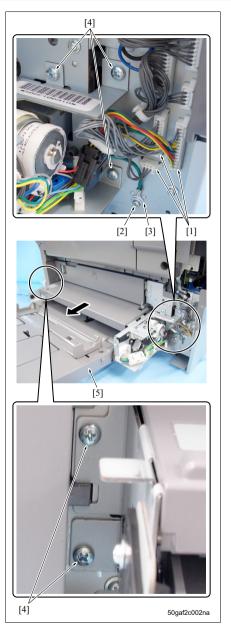
A. Procedure



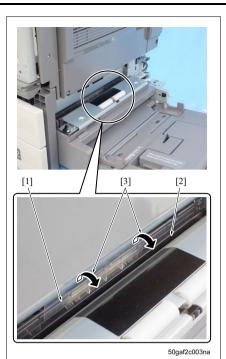
- Remove the right cover /Lw. (See P.137)
- 2. Remove the screw [1] and then remove the bypass cover /Fr [2].
- Loosen the screw [3] and then remove the screw
 [4] to remove the bypass cover /Rr [5].

MAINTENANCE

bizhub 501/421/361



- 4. Remove the 3 connectors [1].
- 5. Remove the screw [2] and then remove the ground terminal [3].
- 6. Remove the 5 screws [4] and then remove the bypass unit [5].



- 7. Reinstall the above parts following the removal steps in reverse.
- 8. After installing the bypass unit, open the tray 2 paper feed guide [1] and the bypass feed guide [2] in the arrow-marked direction [3] to check to see if they operate smoothly.

3.12.2 Replacing the separation roller assy

A. Periodically replaced part/cycle

• Separation roller assy : Every 750,000 prints (Actual replacement cycle: Every 300,000 prints) *1

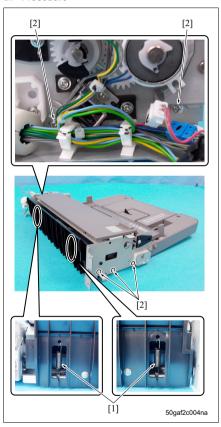
: Every 675,000 prints (Actual replacement cycle: Every 300,000 prints) *2

*1 501/421 *2 361

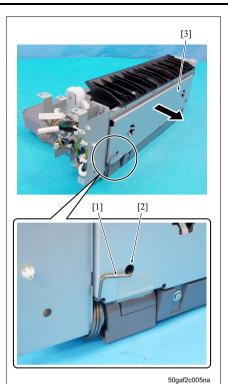
Note

• When replacing the separation roller assy, be sure also to replace the feed roller at the same time.

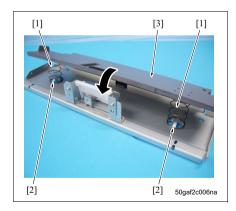
B. Procedure



- Remove the bypass unit. (See P.60)
- 2. Remove the 2 springs [1].
- 3. Remove the 5 screws [2].

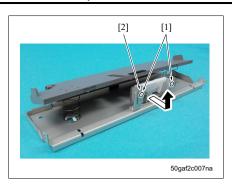


4. Detach the hook [1] from the hole [2] and remove the push-up plate assy [3].

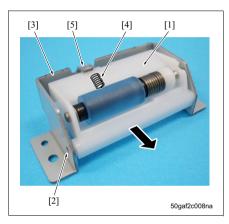


Note

 When installing the push-up plate assy, be sure to install it while pressing the push-up plate [3] so that each of the springs [1] does not comes off each cross-headed boss [2].

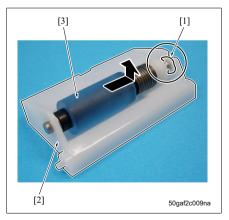


5. Remove the 2 screws [1] and then remove the separation roller fixing plate assy [2].



6. Detach the support axis [2] of the holder [1] from the mounting plate [3] and remove the holder.

- When removing the holder [1], the spring [4] provided under the holder is apt to come off.
 Be careful that it does not get lost.
- When installing the holder [1], be sure to install it so that it comes under the projection [5].



- 7. Remove the C-ring [1] and then remove the separation roller assy [3] from the holder [2].
- 8. Reinstall the above parts following the removal steps in reverse.

3.12.3 Replacing the feed roller

A. Periodically replaced part/cycle

• Feed roller : Every 750,000 prints (Actual replacement cycle: Every 300,000 prints) *1

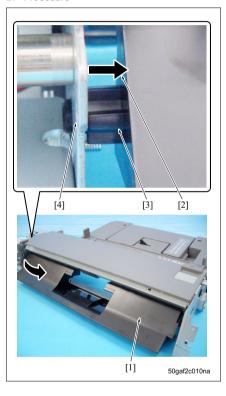
: Every 675,000 prints (Actual replacement cycle: Every 300,000 prints) *2

*1 501/421 *2 361

Note

• When replacing the feed roller, be sure also to replace the separation roller assy at the same time.

B. Procedure

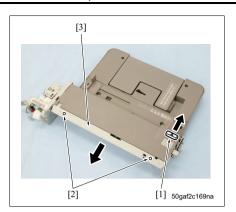


1. Remove the bypass unit.

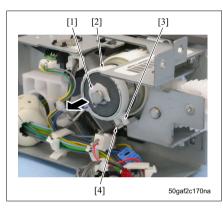
(See P.60)

Remove the push-up plate assy. (See P.63)

 Press the conveyance guide [1] in the arrowmarked direction [2] to remove the support axis [3] from the hole [4], and then remove the conveyance guide.



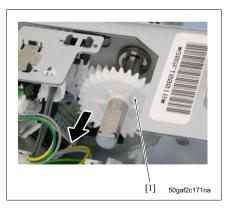
4. Open the lever [1]. Remove the 2 screws [2] and then remove the paper roller cover [3].



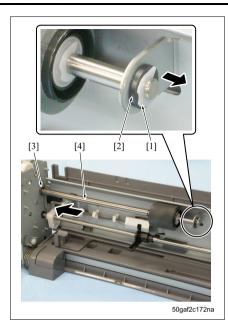
5. Remove the C-ring [1] and then remove the feed clutch /BP (CL6) [2].

Note

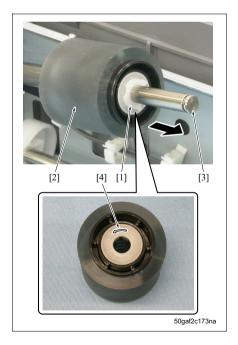
. When installing CL6, be sure to set the stopper [3] to the guide plate [4].



6. Remove the gear [1].



- 7. Remove the C-ring [1] and then remove the bearing [2].
- 8. Remove the bearing [3] and slide the shaft [4].



 Remove the C-ring [1] and then remove the feed roller [2] from the shaft [3].

- When installing the feed roller, be sure to take note of the direction of the arrow mark [4].
- 10. Reinstall the above parts following the removal steps in reverse.

3.13 Maintenance procedure of the registration section

3.13.1 Cleaning the paper dust removing brush

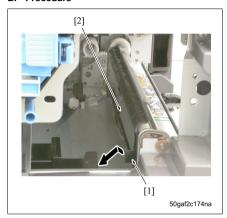
A. Periodic cleaning cycle

• Paper dust removing brush : Every 250,000 prints *1

: Every 225,000 prints *2

*1 501/421 *2 361

B. Procedure



- Open ADU. (See P.136)
- Open the conveyance unit. (See P.27)
- Remove the developing unit from the main body. (See P.35)
- Remove the drum unit from the main body. (See P.27)
- Remove the suction cover /2 assy. (See P.40)
- With the lever [1] pulled, remove the paper dust removing brush [2] and clean the paper dust removing brush with a blower brush.
- 7. Reinstall the above parts following the removal steps in reverse.

3.13.2 Replacing the loop roller, the loop bearing, the registration roller /Rt, and the registration bearings /Rt and /Lt

A. Periodically replaced parts/cycle

Loop roller : Every 1,250,000 prints *1

: Every 900,000 prints *2

• Loop bearing : Every 1,250,000 prints *1

: Every 900,000 prints *2

Registration roller /Rt : Every 1,250,000 prints *1

: Every 900,000 prints *2

• Registration bearing /Rt : Every 1,250,000 prints *1

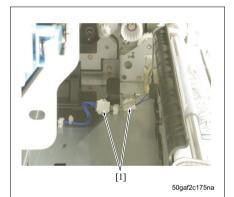
: Every 900,000 prints *2

Registration bearing /Lt : Every 1,250,000 prints *1

: Every 900,000 prints *2

*1 501/421 *2 361

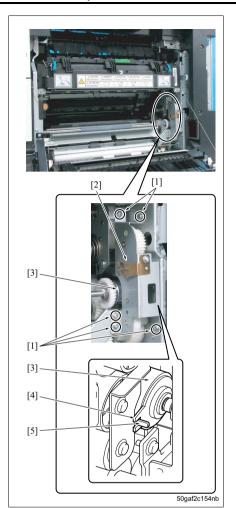
B. Procedure



- Open ADU. (See P.136)
- 2. Open the conveyance unit.

(See P.27)

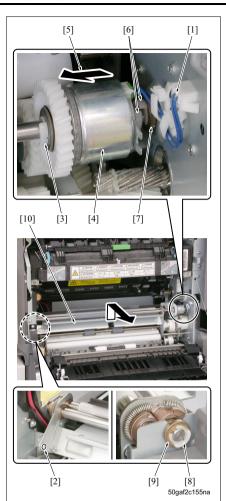
- Remove the developing unit from the main body. (See P.35)
- Remove the drum unit from the main body. (See P.27)
- Remove the front cover from the main body. (See P.142)
- 6. Remove the suction cover /2 assy. (See P.40)
- 7. Remove the 2 connectors [1].



8. Remove the 5 screws [1] and then remove the ADU drive assy [2].

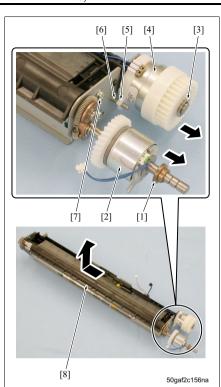
Note

 When installing the ADU drive assy, be sure to set the stopper [4] of the registration clutch (CL1) [3] to the guide plate [5].



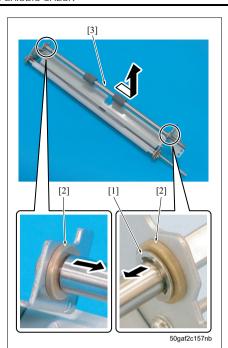
- 9. Remove the connector [1].
- 10. Remove the screw [2].
- 11. Remove the C-clip [3] and slide CL1 [4] in the arrow-marked direction [5].
- 12. Remove the 2 C-clips [6] to release the bearing [7].

- When installing the 2 C-clips [6], be sure to install them with their collars come face to face each other.
- 13. Remove the C-clip [8] and then remove the bearing [9].
- 14. Remove the registration unit [10].

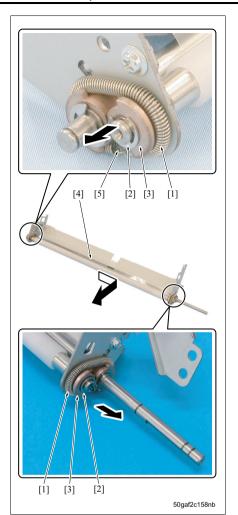


- 15. Remove the bearing [1] and CL1 [2].
- 16. Remove the E-ring [3] and then remove the loop clutch (CL2) [4].

- When installing CL2, be sure to set the stopper [5] to the screw [6].
- 17. Remove the screw [7] and then remove the registration main body assy [8].



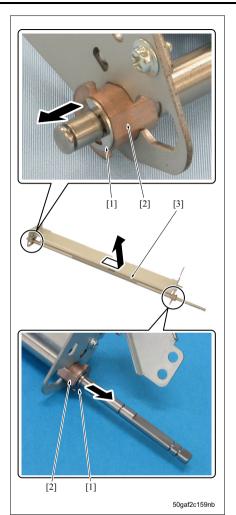
- 18. Remove the E-rings [1] and release the 2 loop bearings [2].
- 19. Remove the loop roller [3].
- 20. Remove the 2 loop bearings from the loop roller.



- 21. Remove the 2 springs [1].
- 22. Remove the E-rings [2], 1 each, and then remove the 2 registration bearings /Lt [3].
- 23. Remove the registration roller /Lt [4].

Note

 When attaching the spring, be sure to couple the hook [5] of the spring at the position as shown in the drawing left.



- 24. Remove the E-rings [1], 1 each, and then remove the 2 registration bearings /Rt [2].
- 25. Remove the registration roller /Rt [3].
- 26. Reinstall the above parts following the removal steps in reverse.

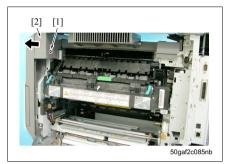
3.14 Maintenance procedure of the fusing section

3.14.1 Removing/reinstalling the fusing unit

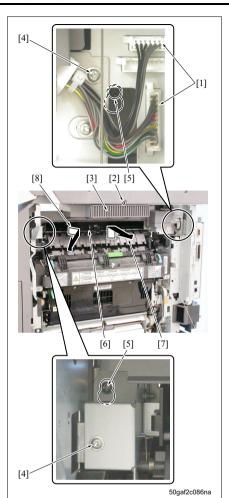
⚠ Caution

Since the fusing section gets hot immediately after turning off the main power switch (SW1) or the
power switch (SW2), you may suffer a burn. Be sure to conduct the operations when the temperature goes down sufficiently.

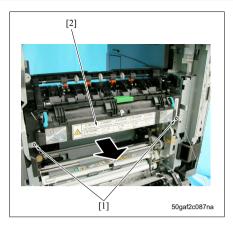
A. Procedure



- Open ADU. (See P.136)
- Remove the right cover /Up. (See P.136)
- 3. Open the conveyance unit. (See P.27)
- Loosen the screw [1] and remove the front auxiliary cover [2].



- 5. Remove the 2 connectors [1].
- 6. Remove the screw [2] and then remove the filter cover [3].
- 7. Remove the 2 screws [4].
- Loosen the 2 screws [5]. And after sliding the entire reverse unit [6] in the arrow-marked direction [7], tilt the front side in the arrow-marked direction [8] for removal.



9. Remove the 2 screws [1] and then remove the fusing unit [2].

Note

- When lifting the fusing unit, be sure to hold it at both ends.
- When installing/removing it, be careful not to damage rollers.
- 10. Reinstall the above parts following the removal steps in reverse.

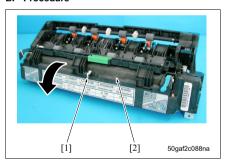
3.14.2 Replacing the fusing claw assy

A. Periodically replaced part/cycle
Fusing claw assy : Every 500,000 prints *1

: Every 450,000 prints *2

*1 501/421 *2 361

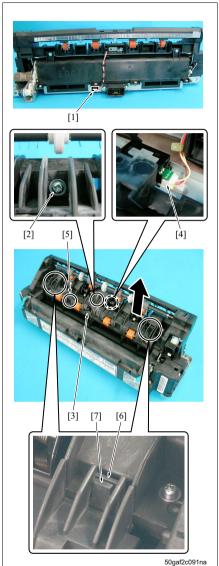
B. Procedure



- Remove the fusing unit. (See P.77)
- 2. Remove the C-clip [1].
- 3. Open the fusing front guide assy [2].



4. Slide the fusing front guide assy [1] for removal.



- 5. Remove the connector [1].
- 6. Remove the screw [2] and raise the fusing claw assy [3].
- Remove the connector [4] from the fusing claw assy.

∧ Note

- When installing the fusing claw assy, be careful not to neglect attaching the connector [4].
- When installing the fusing claw assy, be sure to insert the positioning sections [6] at 2 places into each of the projections [7].
- When installing the fusing claw assy, be careful not to damage the roller surface with the tip of the claw.
- 8. Reinstall the above parts following the removal steps in reverse.

3.14.3 Replacing the fusing web

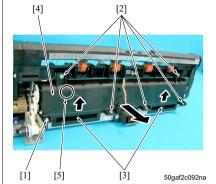
A. Periodically replaced part/cycle

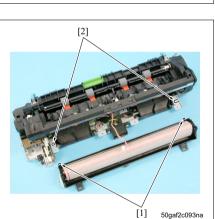
• Fusing web : Every 250,000 prints *1

: Every 225,000 prints *2

*1 501/421 *2 361

B. Procedure





1. Remove the fusing unit.

(See P.77)

2. Remove the fusing claw assy.

(See P.79)

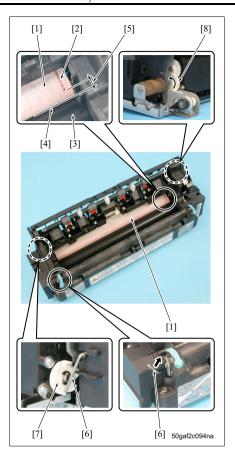
- 3. Remove the screw [1].
- 4. Remove the 5 screws [2].
- Apply pressure from the inside of the ducts [3] at 2
 places to release the lock and remove the fusing
 web [4].

∧ Note

• When installing the fusing web, be sure to install the screw [1] first.

Note

 When installing the fusing web, be sure to insert the projections [1] at 2 places into the positioning holes [2].



- The performance of a new fusing web [1] is guaranteed from the position at which a brown line [2] is broken. When replacing the fusing web, be sure to take up the fusing web up to the position at which the distance [5] from the nip section [4] of the fusing roller [3] and the fusing web to the brown line becomes 0 to 10 mm or less.
- When taking up the fusing web, be sure to bring down the release lever [6] to release the cleaner lock gear [7] and rotate the web drive gear [8].
- When replacing the fusing web, be sure to reset the fusing web counter in the service mode.

(See P.205)

6. Reinstall the above parts following the removal step in reverse.

3.14.4 Replacing the fusing driven roller assy /A and /B

A. Periodically replaced parts/cycle

• Fusing driven roller assy /A : Every 250,000 prints *1

: Every 225,000 prints *2

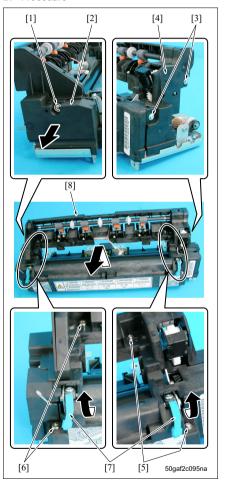
Fusing driven roller assy /B : Every 250,000 prints *1

: Every 225,000 prints *2

*1 501/421

*2 361

B. Procedure



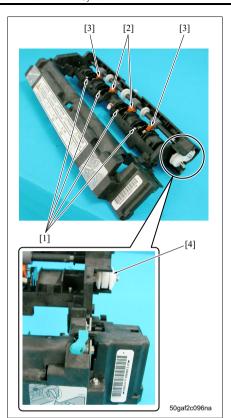
- Remove the fusing unit. (See P.77)
- Remove the fusing claw assy from the fusing unit. (See P.79)
- Remove the fusing web from the fusing unit. (See P.82)
- 4. Remove the screw [1] and then remove the fusing unit cover /Fr [2].
- 5. Remove the 2 screws [3] and then remove the fusing unit cover /Rr [4].

Note

- When removing the fusing unit cover /Rr, be careful that the internal gear does not fall down.
- 6. Remove the 2 screws [5] and the 2 screws [6].
- 7. Release the 2 envelope levers [7].
- 8. Remove the fusing casing [8] without touching the envelope lever.

Note

 When installing the fusing casing [8], be sure to install first the screw [5] (upper side).



- 9. Remove the 4 screws [1].
- 10. Remove the 2 fusing driven roller assy's /A [2] and the 2 fusing driven roller assy's /B [3].

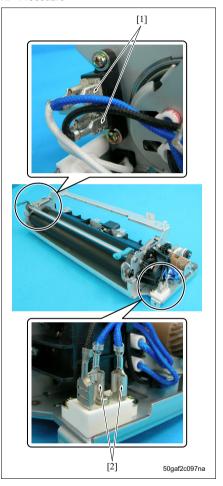
- The gear [4] is not fixed. Take care when moving it.
- 11. Reinstall the above parts following the removal steps in reverse.

3.14.5 Removing/reinstalling the fusing heater lamps /1 (L2) and /2 (L3)

Note

 Be careful not to touch the lamp sections of L2 and L3 with bare hands. When touched, be sure to clean them with a roller cleaner.

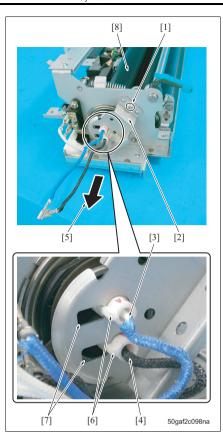
A. Procedure



- Remove the fusing unit. (See P.77)
- Remove the fusing claw assy from the fusing unit. (See P.79)
- 3. Remove the fusing web from the fusing unit. (See P.82)
- 4. Remove the fusing casing. (See P.84)
- 5. Remove the fastons [1] and [2], 2 each.

Note

 When removing the faston, be sure to remove it by holding the connector section. Be absolutely sure not to pull out by holding the wiring harness section.



- 6. Remove the screw [1] and then remove the lamp fixing plate /Fr [2].
- Pull out the fusing heater lamps /1 (L2) [3] and /2 (L3) [4] in the arrow-marked direction [5] and remove them.

Note

- When installing each of the fusing heater lamps, be sure to set the projections [6] of each lamp to the notch [7] of the lamp fixing plate /Fr [2].
- After installing each of the fusing heater lamps, be sure to check to see if it is not in touch with the inner face of the fusing roller [8].
- Be sure to install the fusing heater lamp L2 [3] (main) on the upper side with L3 [4] (sub) on the lower side.
- 8. Reinstall the above parts following the removal steps in reverse.

Note

 When installing the fusing heater lamp, be sure to take note of the direction of installation.

Lamp	Destination			
	North America		Europe.	Others
	Fr	Rr	Fr	Rr
L2	Red	Red	Blue	Blue
L3	Red	Black	Blue	Black

3.14.6 Replacing the fusing roller, the fusing pressure roller, the heat insulating sleeve /A, the fusing bearings /Up and /Lw and the fusing input gear assy

A. Periodically replaced parts/cycle

• Fusing roller : Every 250,000 prints *1

: Every 225,000 prints *2

Fusing pressure roller : Every 250,000 prints *1

: Every 225,000 prints *2

Heat insulating sleeve /A : Every 250,000 prints *1

: Every 225,000 prints *2

Fusing bearing /Up : Every 250,000 prints *1

: Every 225,000 prints *2

• Fusing bearing /Lw : Every 250,000 prints *1

: Every 225,000 prints *2

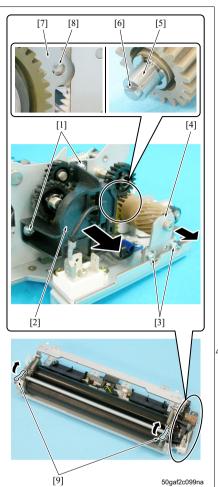
• Fusing input gear assy : Every 500,000 prints *1

: Every 450,000 prints *2

*1 501/421

*2 361

B. Procedure



- 1. Remove the fusing unit.
 - (See P.77)
- Remove the fusing claw assy from the fusing unit. (See P.79)
- 3. Remove the fusing web from the fusing unit. (See P.82)
- 4. Remove the fusing casing.
 - (See P.84)
- Remove the fusing heater lamps /1 (L2) and /2 (L3).
 - (See P.86)
- Remove the 2 screws [1] and then remove the lamp fixing plate /Rr [2].
- 7. Remove the 2 screws [3] and then remove the fusing input gear assy [4].

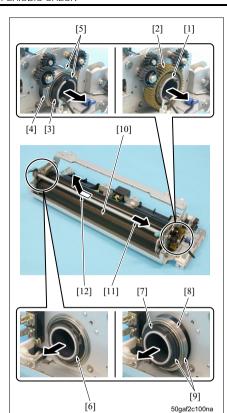
Note

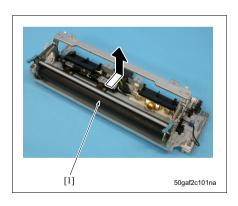
- When installing the fusing input gear assy, be sure to set the D cut section [6] of the shaft [5] to the D cut hole [8] of the frame [7].
- 8. Release the 2 envelope levers [9].

Note

⚠ • The envelope lever varies in the number of the release steps for bizhub 501/361 and 421. Be sure to release it up to the limit in either case.

bizhub 501/361 : 2 steps bizhub 421 : 3 steps





- 9. Remove the C-ring [1] and then remove the gear
- 10. Remove the heat insulating sleeve /A [3] and the fusing bearing /Up [4].

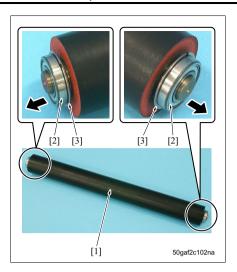
Note

- When installing the heat insulating sleeve /A and the fusing bearing /Up, be sure to install them with their respective collar [5] outside.
- When installing the heat insulating sleeve /A, be sure to apply Multemp FF-RM to its inside and outside peripheries.
- 11. Remove the C-ring [6] and then remove the heat insulating sleeve /A [7] and the fusing bearing /Up [8].

Note

- When installing the heat insulating sleeve /A and the fusing bearing /Up, be sure to install them with their respective collar [9] outside.
- When installing the heat insulating sleeve /A, be sure to apply Multemp FF-RM to its inside and outside peripheries.
- 12. After sliding once the fusing roller [10] in the arrow-marked direction [11], remove it in the arrow-marked direction [12].

13. Remove the fusing pressure roller [1].



14. Remove the 2 fusing bearings /Lw [2] from the fusing pressure roller [1].

- When installing the fusing bearing /Lw, be sure to install it with its collar section [3] inside. Coat the cored bar section with grease.
- 15. Reinstall the above parts following the removal steps in reverse.

3.14.7 Replacing the fusing sensor assy

⚠Caution

After installing the fusing sensor assy, be sure to check to see if it is in touch with the fusing roller.

A. Periodically replaced part/cycle

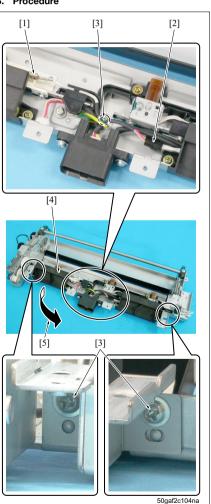
Fusing sensor assy : Every 500,000 prints *1

: Every 450,000 prints *2

501/421 361

*2

B. Procedure



1. Remove the fusing unit.

(See P.77)

- 2. Remove the fusing claw assy from the fusing unit. (See P.79)
- 3. Remove the fusing web from the fusing unit. (See P.82)
- 4. Remove the fusing casing.

(See P.84)

5. Remove the fusing heater lamps /1 (L2) and /2 (L3).

(See P.86)

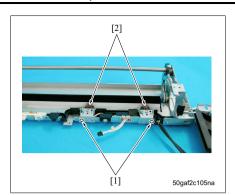
6. Remove the fusing roller and the fusing pressure roller.

(See P.88)

7. Remove the faston [1].

- · When removing the faston, be sure to remove it by holding its base section. Be absolutely sure not to pull it out by holding the wiring harness section.
- 8. Remove the connector [2].
- 9. Remove the 3 screws [3].
- 10. Remove the web support assy /2 [4] and pull it out in the arrow-marked direction [5].





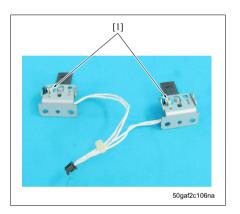
11. Remove the screws [1], 1 each, and then remove the fusing sensor assy [2].

Note

- When installing the fusing sensor assy, be careful not to deform the sensor section.
- After installing the fusing sensor assy, be sure to check to see if the wiring harness is not in touch with the fusing roller.

⚠ Caution

 After installing the fusing sensor assy, be sure to check to see if the thermistors /1 (TH1) and /2 (TH2) are in touch with the fusing roller.



- The fusing sensor assy is made up of TH1 and TH2. The sections of TH1 and TH2 have been adjusted when they were assembled, and be absolutely sure not to loosen the screw [1].
- 12. Reinstall the above parts following the removal steps in reverse.

3.14.8 Replacing the fuse holder assy

↑ Caution

. After installing the fuse holder assy, be sure to check to see if it is in touch with the fusing roller.

A. Periodically replaced part/cycle

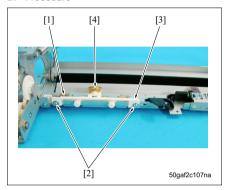
Fuse holder assy : Every 500,000 prints *1

: Every 450,000 prints *2

*1 501/421

*2 361

B. Procedure



- 1. Remove the fusing unit. (See P.77)
- Remove the fusing claw assy from the fusing unit. (See P.79)
- Remove the fusing web from the fusing unit. (See P.82)
- 4. Remove the fusing casing. (See P.84)
- Remove the fusing heater lamps /1 (L2) and /2 (L3). (See P.86)
- Remove the fusing roller and the fusing pressure roller. (See P.88)
- 7. Pull out the web support assy /2. (See P.92)
- 8. Remove the faston [1].

Note

- When removing the faston, be sure to remove it by holding its base section. Be absolutely sure not to pull it out by holding the wiring harness section.
- Remove the 2 screws [2] and then remove the fuse holder assy [3].

Note

- When installing the fuse holder assy, be careful not to deform the thermostat section.
- After installing the fuse holder assy, be sure to check to see if the wiring harness is not in touch with the fusing roller.

⚠Caution

- After installing the fuse holder assy, be sure to check to see if the thermostat (TS) [4] is in touch with the fusing roller.
- 10. Reinstall the above parts following the removal steps in reverse.

4. SERVICE TOOLS

4.1 Service material list

Material No.	Name	Shape	Remark
000V-19-0	Setting powder		25 g
000V-18-0	Cleaning pad		10 pcs/1 pack
00GR0026	Multemp FF-RM		25 g
00GR0021	Solvest 240		Multemp FF-RM is recommended.

4.2 Jig list

Parts No.	Name	Shape	Quantity	Remark
26NA2134	Drum rotation mem- ber		1	Mounted to the drum unit
26NAJG01	Optic unit positioning jig		2	
4040PJP1	Test chart (A3 size)		1	With a KONICA MINOLTA logo
4040PJP3	Test chart (A3 size)		1	Without a KONICA MINOLTA logo
4040PJP2	Test chart (11 x 17 size)		1	
120A9711	Adjustment chart (A3 size)		1	For DF adjustment
120AJG02	Adjustment chart (11 x 17 size)		1	For DF adjustment
120A9712	White chart (A4 size)		1	For DF adjustment
120AJG03	White chart (8½ x 11 size)		1	For DF adjustment
00VC-2-0	Drum cover		1	
00VD-100	Blower brush		1	

Parts No.	Name	Shape	Quantity	Remark
00VE-1005	Tester		1	
45117901##	Stapler unit position- ing jig		1	For SD staple adjust- ment

4.3 Materials

A. Item

Parts name	Useful sheets	Type name
Toner bottle	32,190 prints	TN511
Drum	250,000 prints (bizhub 501/421) 225,000 prints (bizhub 361)	DR510
Developer	250,000 prints (bizhub 501/421) 225,000 prints (bizhub 361)	DV511

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5. FIRMWARE VERSION UP

5.1 ISW

5.1.1 Outline

A. ISW (In-System Writer)

The operation to rewrite firmware stored in the flash ROM that is built in each control board in the main body with the board left built in the main body is called an ISW. Executing ISW allows you to upgrade the firmware version without replacing the board, or install the latest firmware when replacing the board. ISW can be executed by both ways; USB ISW using local USB memory and Internet ISW using the internet.

5.1.2 Firmware data flow

The following shows the flow of the ISW data.



When executing the ISW over the entire system, be sure to execute it in the order given below. (To minimize the occurrence of troubles resulting from the mismatch of the firmware version)

Step	Type of programs
1	Fax board controller 1, Fax board controller 2, Finisher, DF
2	Image controller
3	Operation panel message data
4	MFP controller

Note

- When replacing the OACB, be sure to conduct the ISW of the MFP controller first. When the firmware of the MFP controller is not contained in the OACB, no display is shown on the touch panel.
- The finisher above refers to the FS-522. The ISW of the FS-523 is conducted by changing the EPROM.

5.1.3 Settings on the main body side while in ISW

Following the description given below, be sure to make appropriate settings on the main body side to conduct the operations of the firmware version upgrade and writing.

A. Types of the setting

Service mode

This mode is used when the firmware of the MFP controller is installed properly. Selecting [ISW] or [Internet ISW] of [System 2] in the service mode allows you to write the firmware.

B. When upgrading the firmware

Applicable board	Display when the power is turned ON	Mode
Overall control board	Normal	Service mode
Other boards	Normal	Service mode

When writing the firmware afresh (When replacing the board or when failed in rewriting the firmware)

Applicable board	Display when the power is turned ON	Mode
Other boards	ISW error displayed	Service mode

For the overall control board (OACB), when something is wrong with the firmware or no firmware is written, the normal start-up cannot be made. In a case like this, when the power switch is ON, the power LED turns ON with nothing shown on the touch panel, and the system is placed in the firmware stand-by mode. In this case, contact the service manager of the authorized distributor.

For other boards, when the firmware of the MFP controller is normal and something is wrong with other firmware, an ISW error is shown on the touch panel section when the power is turned ON.

5.1.4 Board to be rewritten and Rewritable firmware

Item	Specifications	
Board to be rewritten	Overall control board (OACB), Printer control board (PRCB), FAX control	
	board (FK-502), FS control board (FSCB), DF control board (DFCB)	
Rewritable firmware	MFP controller	
	Operation panel message data	
	Image controller	
	FAX board controller 1	
	FAX board controller 2	
	Finisher	
	ADF	

Note

• For boards other than the above, ROM replacement is required.

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5.2 USB ISW

5.2.1 Outline

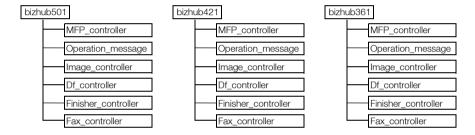
Conduct the ISW locally by connecting the USB memory to the USB port of the main body.

5.2.2 SPECIFICATIONS

A. Parts required to conduct the USB ISW

• USB memory: 1 pcs

- · Create the bizhub501, bizhub421 or bizhub361 folder directly under the USB memory route.
- When copying the firmware to the memory, be sure to copy ".bin" file and ".sum" file at the same time.
- Be sure to copy the files of each firmware to the USB memory in the configuration of the folders shown in the below.
- If the copying is not completed correctly, a message " The data is not found" is displayed on the panel when the ISW files are selected.



5.2.3 USB ISW in the service mode

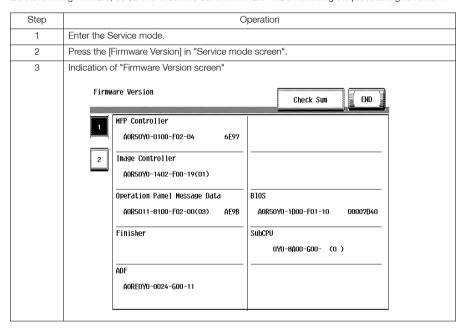
This mode is used when the OACB operates properly.

Note

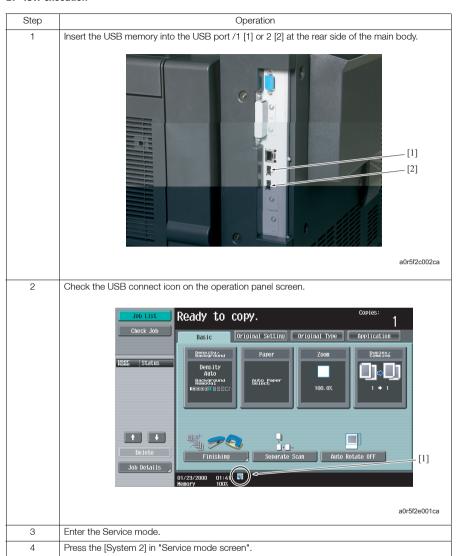
 To execute the ISW, be sure to turn ON the Main power switch (SW1) of the main body and the Sub-power switch (SW2). If the power were turned ON after the connection had done while the power OFF, USB Memory may not be recognized.

A. Checking the firmware version

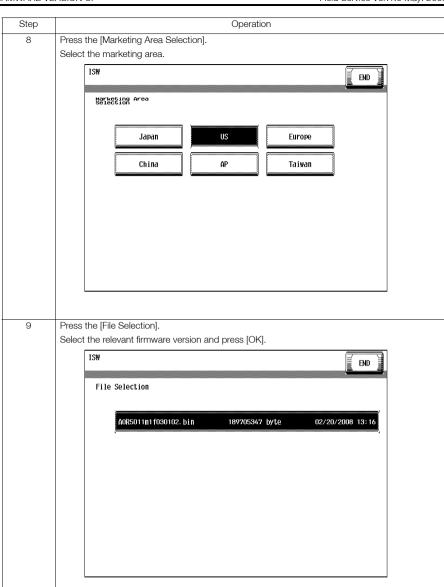
Before rewriting firmware, be sure to check the current firmware version following the procedure given below.

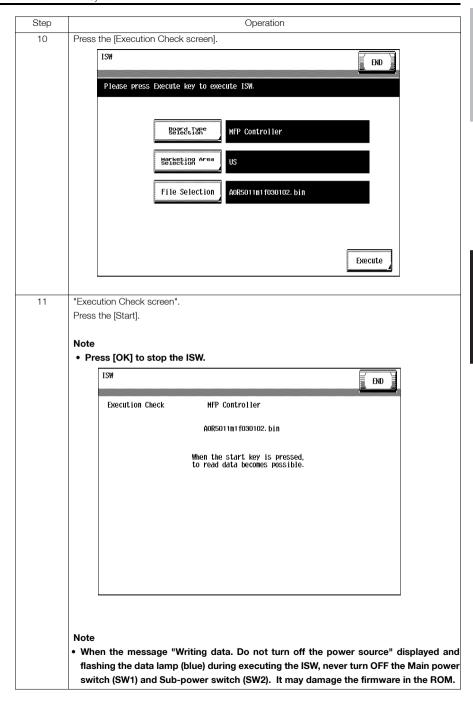


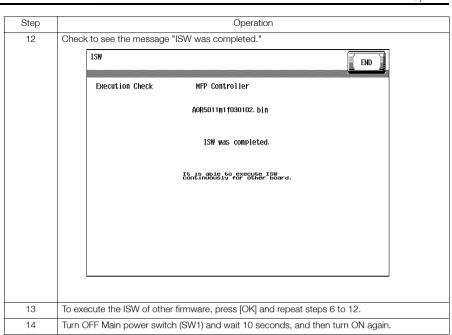
B. ISW execution



5 Press [ISW].



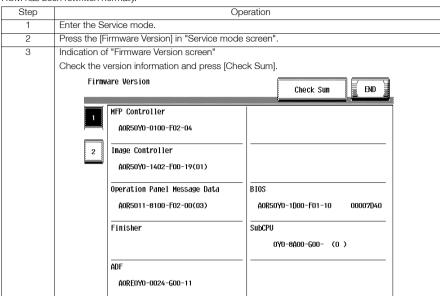




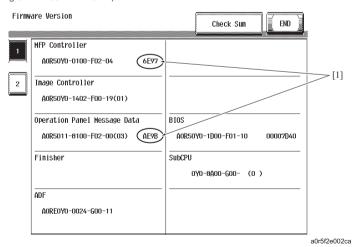
C. Checking the firmware version and the checksum

After executing the ISW, check each firmware is updated.

About the firmwares of MFP Controller and Operation Panel Message Data, check the [Check Sum] to see if the ROM has been rewritten normally.



4 Check whether the checksum value of 4 digits is same as the alphanumeric code shown in the PRI (Program Release Information).



- · The checksum value of the MFP controller is always same regardless of the destination.
- The checksum value of the operation panel message data varies according to the destination.

5.2.4 Error list

A. Overall control board firmware abnormality

When the main body detects an overall control board firmware abnormality after turning ON the power switch, the power LED turns ON with nothing displayed on the LCD of the operation panel (ISW stand-by condition). For details of the power LED display, refer to the table below.

No.	Operation	Power LED
1	CPU in initialization when the power is turned on	OFF
2	Flash memory in checking	OFF
3	When an error is detected while in memory check (ISW standby status)	ON
4	ISW processing (flash memory being written)	While in the data reception: It flashes at high speed. While in the flash memory write: It flashes at low speed.
5	When an abnormality is detected while in data transmission	Start key LED (orange) turns ON
6	When an error is detected while in writing flash memory	Start key LED (orange) turns ON
7	Memory check successfully completed: while in rebooting	OFF

B. Main body error list

When a trouble occurred while conducting the ISW and it was not normally connected, the message on the status and the error code will be displayed on the control panel.

When an abnormality occurs while executing or completed the ISW, turning the start key (LED, red) on and the following message is displayed on the panel.

Error display	Descriptions
Finisher not connected	The finisher is in the condition in which no connection is made.
Parameter error	A parameter abnormality occurs on the program.
Sequence error	An abnormality occurs with the processing sequence on the program.
Memory full error	The memory is full.
Device initialization error	A USB or parallel device initialization error occurs.
Machine type/board incompatible	The data transferred from the PC is not the data for bizhub 501/421/361, or not for the board selected from the panel.
Time-out error	While in the file transfer from the PC, a time-out error occurs.
Checksum error	A checksum error occurs with the ROM file.
Flash erasure error	An abnormality occurs while in the flash erasure.
Engine power source error	Printer control board (PRCB) power source abnormality. Other abnormalities occur with PRCB (when selecting the image controller, finisher or ADF).
Write error	An error occurs with the write answer check (when selecting the fax board controller 1 or the fax board controller 2).
Task generation error	A task generation error occurs.
Other errors	Errors other than the above occur, such as an OS error.

5.3 Internet ISW

5.3.1 Outline

Internet ISW is the function which enables the main body to acquire the firmware for rewriting automatically
from the program server through the Internet when the updating is ordered from the operation panel.
 By using Internet ISW, the firmware can be updated at the customer without taking firmware data.

5.3.2 Service environment

The following conditions are necessary for using the Internet ISW function.

 The main body is located at the environment in which the firmware can be downloaded through the internet with ftp or http Protocol.

The "Internet ISW" will not operate under the following conditions.

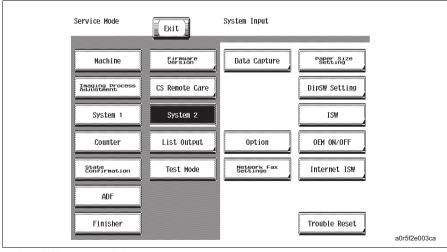
- Main power switch(SW1) is set to OFF.
- · Sub-power switch(SW2) is set to OFF.
- When the following setting is set to "ON":
 [Administrator Setting] → [Security Setting] → [Enhanced Security Mode]
- The main body has the job currently performing.
- In case of not attaching Option Harddisk(HD-509).
- · When HDD Encryption is set.
- When HDD Lock password is set.

5.3.3 Preparations for Firmware rewriting

- For using the Internet ISW, the Network parameter, Program Server Address as well as Firewall Address need to be set to the main body.
- For details of each setting item, refer to "5.4 Internet ISW Setting". (See P.120)

A. Internet ISW Set

- 1. Call the Service Mode to the screen.
- Press [Internet ISW Set] which is available from [System 2] → [Internet ISW].



3. Press [ON], and press [END].

Note

- Settings such as Server setting, etc. will be available by selecting "ON" on this setting.
- When the following setting is set to "ON", "ON" cannot be selected on this setting.
 [Administrator Setting] → [Security Setting] → [Enhanced Security Mode]

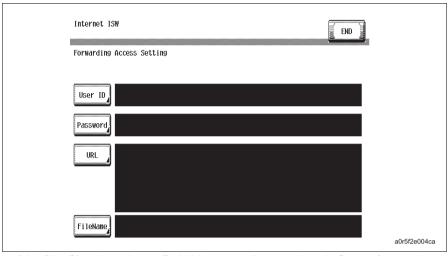
B. Protocol Setting

- It performs the setting concerning the Protocol (ftp or http) for connecting to the Internet ISW.
- When connecting to the Program Server using a proxy server, perform the setting for a Proxy Server.

Step	Connecting by http	Connecting by ftp
0	Select [Internet ISW] which is available from [Ser	• , ,
1	Data Input Setting	Data Input Setting
	Press [HTTP Setting], and select [ON].	Press [FTP Setting], and select [ON].
2	Connect Proxy	
	 For connecting via Proxy Server, select [ON]. 	
3	Proxy Server • For connecting via Proxy Server, set the Proxy Server Address and the Port Number.	
	Select the [Server Address], and set the Pro- FQDN scheme. Select [Port Number], and set the Port Number]	oxy Server Address by IP addressing scheme or over for the Proxy Server from 1 through 65535.
4	Proxy Authentication Set the Login name and the Password which may be necessary for Authentication when accessing to the Proxy Server. When Authentication is necessary for accessing to the Proxy Server, select [Authentication], and select [ON]. Select [Log-in Name], and enter the Login name on the on-screen keyboard. Select [Password], and enter the Password on the on-screen keyboard.	Connection Setting Perform the setting for accessing FTP server. Select [Port Number], and set the Port Number for FTP server from 1 through 65535. Select [Connection Time Out], and set the time for the Connection Time Out from 1 through 60. When connecting in PASV mode, select [PASV Mode], and select [ON]. *PASV Mode: This mode is for transferring the file with FTP under the condition where communication is restricted such as inside the Firewall. Since with PASV mode, the client with restriction sets the Port Number, data transmission port can be secured to enable the file transmission.
5	Connection Time-Out Select [Connection Time-Out], and set the time for the Connection Time Out between 30 and 300 seconds.	-

C. Forwarding Access Setting

- To make the access setting for the Program Server which stores the Firmware data.
- 1. Select [Internet ISW] which is available from [Service Mode] → [System 2].
- 2. Press [Forwarding Access Setting].



- Select [User ID], and enter the user ID which is necessary for connecting to the Program Server on the onscreen keyboard, and press [END].
- Select [Password], and enter the Password which is necessary for connecting to the Program Server on the on-screen keyboard, and press [END].
- Select [URL], and enter the directory which stores the Program Server Address and the Firmware on the onscreen keyboard by URL method, and press [END].

Note

. Enter the URL which matches to the Protocol to be used.

When connecting to http://(host name or IP address)/directory name

or https://(host name or IP address)/directory name

When connecting to ftp ftp://(host name or IP address)/directory name

- Select [File Name], and enter the file name of the Firmware data to be downloaded on the on-screen keyboard, and press [END].
- 7. Press [END] to finish setting.

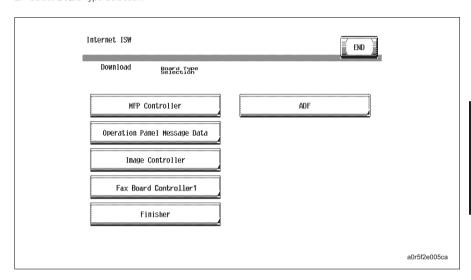
5.3.4 Firmware rewriting

Note

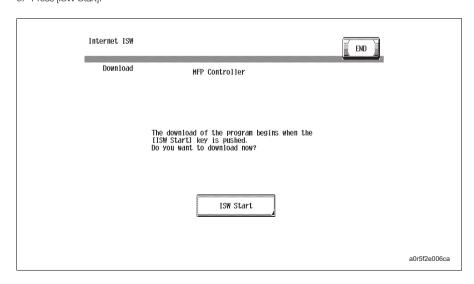
- . When performing the Internet ISW, ask the administrator for permission beforehand.
- Do not turn OFF Main power switch(SW1) and Sub-power switch(SW2) while downloading.

A. Conducting rewriting on the control panel

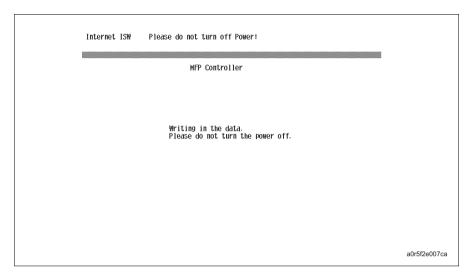
- Perform the following setting.
 [Service Mode] → [System 2] → [Internet ISW] → [Download]
- 2. Select Board Type Selection.



3. Press [ISW Start].



4. The main body automatically start running, and it starts accessing the server.



B. During Firmware Updating

1. The message to indicate the status is displayed on the screen while connecting or transferring data.

C. Completed or failed

(1) Firmware updated normally

 When the Firmware is normally updated, restart the main body in auto mode to display the outcome, and press [OK] to return to the Main screen.



(2) Failing to update the Firmware due to the Network trouble

- When updating failed to complete due to the trouble on connecting to the network, an error code and the
 message is displayed.
- The main body is automatically rebooted and displays the result screen, then press [OK]. It can be used with the Firmware Version before conducting updating.



3. Check the settings for the network by error codes, and try updating again.

Note

• For error codes, refer to "5.3.5 Error Code List for the Internet ISW".

(3) Failing to update the Firmware after downloading has started

- Once Firmware updating has started, the ROM in the main body is deleted.
 When it failed right after updating has started, restart the main body, and shift to the standby screen to retry downloading.
- When updating on the control panel, press [settings] on the standby screen, and check the Network settings again.

Press [Download], and restart the Internet ISW.

Note

 Return to the standby screen without fail after turning the Main power OFF/ON if the Firmware is not updated.

D. Confirming the Firmware Version

- 1. Call the Service Mode to the screen.
- 2. Select the [Firmware Version].
- 3. Check if the Firmware Version is updated.

5.3.5 Error Code List for the Internet ISW

When a trouble occurred while conducting the Internet ISW and it was not normally connected, the message on the status and the error code will be displayed on the control panel.

When updating with CS Remote Care, the error code will be sent to the CS Remote Care center.

Error code	Description	Countermeasure
Control panel		
0x0000001	Illegal error on the control	Check if the following setting is set to "Valid". [Service Mode] → [System 2] → [Internet ISW] → [Internet ISW setting] Check the status of the following setting. [Service Mode] → [System 2] → [Internet ISW] → [Transfer access setting] If the above process does not solve the problem, inform the corresponding error code to the KONICA MINOLTA.
0x0000010	Parameter error	Check if the following setting is set to "Valid". [Service Mode] → [System 2] → [Internet ISW] → [Internet ISW setting] If the above process does not solve the problem, inform the corresponding error code to KONICA MINOLTA.
0x00111000	Error concerning the network Connection has been completed.	Check the User's network environment. (LAN cable's connection) Check the status of the following setting. [Service Mode] → [System 2] → [Internet ISW] → [Transfer access setting] Check to see if the FTP server operates normally.
0x00111001	Error concerning the network It cannot be connected to the server.	Check the network environment of the User. Check to see if the FTP server operates
0x00111100	Error concerning the network Communication Timeout.	normally.
0x00111101	Error concerning the network • Disconnection occurred	Check the network environment of the User.
0x00111110	Error concerning the network The network is not connected.	Check to see if the FTP server operates normally.
0x00110010	Error concerning the network Others	

Error code	Description	Countermeasure
Control panel		
0x00001###	Reply code when it failed to be connected	Check to see if FTP server normally operates. Check the IP address, User's name, etc.
0x00002###	Error reply code for the User command or Pass command	Check to see if FTP server operates normally.
0x00003###	FTP error Error reply code for CWD command	
0x00004###	Error reply code for the TYPE command	Check to see if FTP server operates normally.
0x00005###	FTP error Error reply code for the PORT command	
0x00006###	FTP error Error reply code for the PASV command	Check to see if FTP server operates normally. Set the PASV mode to "Invalid", and try it again.
0x00007###	FTP error Error rely code for the RETR command	Check to see if FTP server operates normally. Wait for about 30 minutes and try it again.
0x10000100	It cannot be accepted because of the job currently being executed. ISW being executed by other method.	Wait for the current job to be completed and try it again.
0x10000101	It cannot be accepted because the sub-power is OFF.	Turn sub-power ON and try it again.
0x10000102	The Internet ISW is already being executed.	Wait for the current Internet ISW to be completed.
0x10000103	It failed to prohibit the job. (It failed to lock the operation.) It failed to lock the job because the operation is already locked with PSWC, etc.	Check if the following setting is set to "Valid". [Service Mode] → [System 2] → [Internet ISW] → [Internet ISW setting] If the above process does not solve the
0x10000104	There is no space for F/W data to be downloaded.	problem, inform the corresponding error code to the KONICA MINOLTA.
0x10000106	Check sum error	

Error code	Description	Countermeasure
Control panel		
0x10000107	File access error The file downloaded has an error. The header of the file which has been read has an error. The size of the file to be downloaded is too large. When it is identified to be the different type of F/W.	Check to see if the downloaded F/W is of the correct type.
0x10000108	The area F/W is stored is destroyed, and another ISW is necessary.	Wait until ISW is automatically executed on the main body side.
0x20000000	The temporary error when running the subset • When starting the Internet ISW in a normal program, the rebooting will start and the Internet ISW will be executed with the subset program. During the process by the subset program, it has to be in the "Failed" status unless the Internet ISW is successfully conducted. This code is used temporarily to make it in error status.	

Note

 If the above process does not solve the problem, inform the corresponding errorcode to the KON-ICA MINOLTA.

5.4 Internet ISW Setting

• By using this setting, the Firmware stored in the Server can be downloaded over internet for upgrading.

5.4.1 Internet ISW Set

Functions	To set whether or not to enable each setting for Internet ISW.	
Use	To use when upgrading the Firmware by Internet ISW.	
	Each setting such as Server setting will be valid by setting this to "ON".	
	Note • When the following setting is set to "ON", this setting will automatically be set to "OFF" and cannot be changed. [Administrator Setting] → [Security Setting] → [Enhanced Security Mode]	
Setting/	The default setting is "OFF".	
Procedure	ON "OFF"	

5.4.2 HTTP Setting

It will be displayed only when [Internet ISW Set] is set to "ON".

A. Data Input Setting

Functions	To set whether or not to enable downloading using the HTTP Protocol.	
Use	To use when accessing the Server using the HTTP Protocol.	
	Setting on the Proxy Server will be valid when this setting is "ON".	
Setting/	The default setting is "OFF".	
Procedure	ON "OFF"	

B. Connect Proxy

Functions	To set whether or not to connect via Proxy Server when accessing the Server.	
Use	To use when accessing the Server via Proxy Server.	
Setting/	The default setting is "OFF".	
Procedure	ON	"OFF"

C. Proxy Server

Functions	To set the Address and the Port Number for the Proxy Server.	
Use	To use when accessing the Server via Proxy Server.	
Setting/	<server address=""></server>	
Procedure	Enter the IP Address using the Version 4 method / Version 6 method or FQDN method.	
	<port number=""></port>	
	 Enter the value between 1 and 65535 using the 10-key pad. 	

D. Proxy Authentication

Functions	To set the Login name or Password when Authentication is necessary for accessing the Proxy Server.	
Use	To use when Authentication is necessary for accessing the Proxy Server.	
Setting/	<authentication></authentication>	
Procedure	The default setting is "OFF".	
	ON	"OFF"
	<log-in name=""> • Enter the Login name (up to 32 one-byte of</log-in>	characters) on the on-screen keyboard
	<password></password>	
	Enter the Password (up to 32 one-byte character)	aracters) on the on-screen keyboard

E. Connection Time-Out

Functions	To set the time for the Timeout for accessing the Server.	
Use	To use when changing the time for the Timeout for accessing the Server.	
Setting/	The default setting is "60 sec".	
Procedure	30 to 300 sec	

5.4.3 FTP Setting

• It will be displayed only when [Internet ISW Set] is set to "ON".

A. Data Input Setting

Functions	To set whether or not to enable downloading using FTP Protocol.	
Use	To use when accessing the Server with FTP Protocol.	
	Setting this to "ON" will enable the Proxy Server setting.	
Setting/	The default setting is "ON".	
Procedure	"ON" OFF	

B. Connect Proxy

Functions	To set whether or not to access the Server via Proxy Server.	
Use	To use when accessing the Server via Proxy Server.	
Setting/	The default setting is "OFF".	
Procedure	ON	"OFF"
Procedure	ON	"OFF"

C. Proxy Server

Functions	To set the Address and the Port No. of the Proxy Server.		
Use	To use when accessing the Server via Proxy Server.		
Setting/	<server address=""></server>		
Procedure	Enter the IP Address using the Version 4 method / Version 6 method or FQDN method.		
	<port number=""> Enter the value between 1 and 65535 using the 10-key pad.</port>		

D. Connection Setting

Functions	To set the Port No. and the time for Timeout when accessing the FTP Ser			
	also to set whether or not to enable PASV Mode.			
Use	To use when accessing the FTP Server.			
	To use when connecting by the PASV (passive) Mode (FTP Server side will inform the			
	connection port before connecting).			
Setting/	<port number=""></port>			
Procedure	Enter the value between 1 and 65535 using the 10-key pad.			
	<connection out="" time=""></connection>			
	Enter the value between 1 and 60 (min.) using the 10-key pad.			
	<pasv mode=""></pasv>			
	The default setting is "OFF".			
	ON "OFF"			

5.4.4 Forwarding Access Setting

A. User ID

Functions	To register the User ID for accessing the Program Server where Firmware is to be	
Use	stored.	
Setting/	1. Select [User ID].	
Procedure	dure 2. Enter the User ID (up to 64 one-byte characters) on the on-screen keyboard.	

B. Password

Functions	To register the Password for accessing the Program Server where Firmware is to be
Use	stored.
Setting/	1. Select [Password].
Procedure 2. Enter the Password (up to 64 characters) on the on-screen keyboard.	

C. URL

Functions	To register the Address and Directory of the Program Server where the Firmware is to			
Use	be stored in URL.			
Setting/	1. Select [URL].			
Procedure	2. Enter the URL (up to 256 one-byte characters) on the on-screen keyboard.			
	Note			
	Enter the URL which format suits the Protocol to be used.			
	When connecting to http http:// (Host name or IP Address)/ Directory name			
	or https:// (Host name or IP Address)/Directory name			
	When connecting to ftp			

D. FileName

Functions	To register the file name of the Firmware data to be downloaded.	
Use		
Setting/	1. Select [FileName].	
Procedure	2. Enter the File Name (up to 46 one-byte characters) on the on-screen keyboard.	

5.4.5 Download

T.						
Functions	Access the Program Server according to the Internet ISW setting, and download the					
	Firmware.					
Use	To use when updating the Firmware via network.					
Setting/	1. Select [Download].					
Procedure	2. Select the board type.					
	3. Press [ISW Start] to start downloading the Firmware.					
	4. The message to show the status will be displayed on the screen while connecting					
	and transferring data.					
	Note					
	When it failed to connect to the Program Server, or failed to download, the					
	error code and the message will be displayed. Check the cause of the error					
	by the error code, and follow the message for resetting.					
	Refer to "5.3.5 Error Code List for the Internet ISW" for the error codes. (Se					
	P.117)					
	5. When the Firmware is normally upgraded, the main body automatically is restarted to					
	complete the Internet ISW.					

6. OTHERS

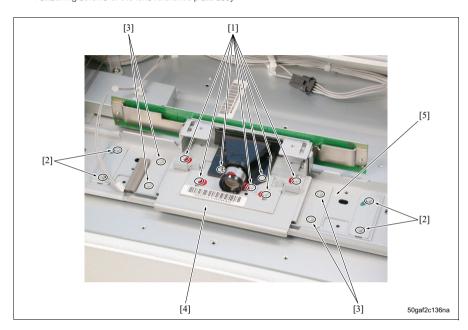
6.1 Items not allowed to be disassembled and adjusted

6.1.1 Scanner section

A. CCD unit

(1) Parts not allowed to be removed

- · 7 screws that are used to assemble the CCD unit.
- 4 attaching screws of the lens reference plate assy



- [1] Screws not allowed to be removed
- [2] Screws not allowed to be removed
- [3] CCD unit attaching screws (Can be removed when replacing the CCD unit.)
- [4] CCD unit
- [5] Lens reference plate assy

(2) Reason for prohibition

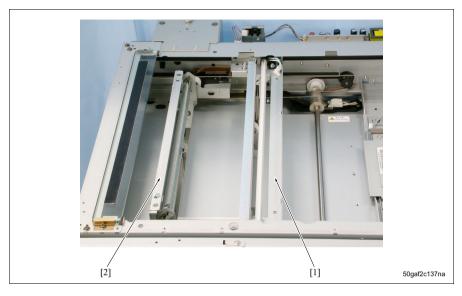
Since the accuracy of the CCD unit is guaranteed as a unit, no accuracy is guaranteed if it is disassembled. Therefore, screws that lead to the disassembly of the CCD unit must not be removed.

The lens reference plate assy becomes a reference for the installation of the CCD unit and removing it may cause the light axis to shift. Therefore, the attaching screws of the lens reference assy must not be removed.

B. Mirror unit/exposure unit

(1) Positions not allowed to be adjusted

· Positions at which the mirror unit and the exposure unit are installed



[1] Mirror unit

[2] Exposure unit

(2) Reason for prohibition

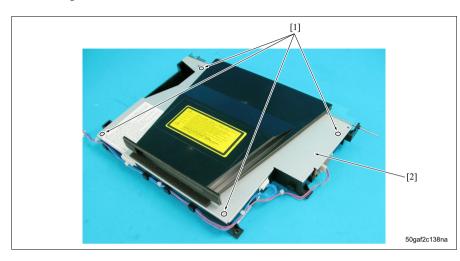
The distance between the mirror unit and the exposure unit has an effect on the magnification in the sub scan direction of the original to be read. Accordingly, the positions at which the mirror unit and the exposure unit are installed must not be arbitrarily adjusted. However, when removing the exposure unit and the scanner wire, the adjustments can be made only if they are reinstalled by using the optics unit positioning jig.

6.1.2 Write section

A. Write section cover

(1) Parts not allowed to be removed

4 attaching screws of the write section cover



- [1] Screws not allowed to be removed
- [2] Write section cover

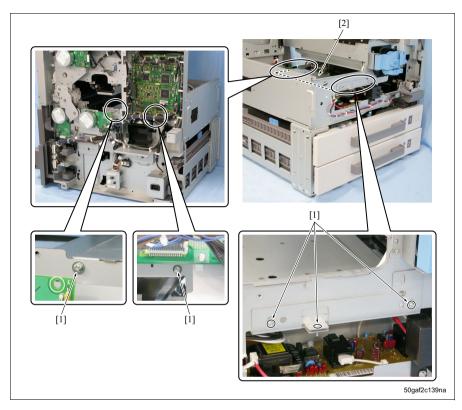
(2) Reason for prohibition

The inside of the write section becomes a laser beam path. Opening the cover allows the entry of dust and dirt into the inside and they may block the laser beam path. Therefore, the attaching screws of the write section cover must not be removed.

B. Write attaching plate

(1) Parts not allowed to be removed

5 attaching screws of the write mounting board



- [1] Screws not allowed to be removed
- [2] Write attaching plate

(2) Reason for prohibition

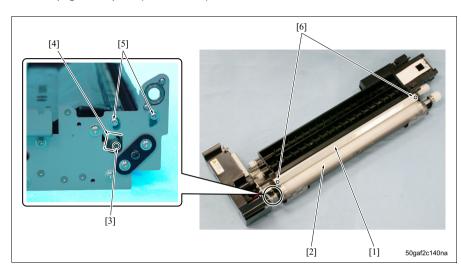
The write attaching plate is a reference for the attaching angle of the write section against the drum. Removing it may impair the parallelism of the drum with the write section, thus resulting in the image being deformed. Therefore, the attaching screws of the write attaching plate must not be normally removed.

6.1.3 Developing unit

(1) Parts not allowed to be removed

- · 2 attaching screws of the developer restriction blade
- 1 fixing screw of the magnet adjustment plate
- Ds adjustment screws

 Developing unit at 2 places (inside the cover)



- [1] Developer restriction blade
- [2] Developing roller
- [3] Screws not allowed to be removed
- [4] Magnet adjustment plate

- [5] Screws not allowed to be removed (Ds adjustment screws)
- [6] Screws not allowed to be removed

(2) Reason for prohibition

Each of the developer restriction blade and the magnet adjustment plate is used to determine the height of developer on the developing roller. And the Ds adjustment screws are also used to determine the distance between the drum and the developing roller. These parts are adjusted to an appropriate value in advance. Therefore do not remove these attaching screws and fixing screws.

6.1.4 Drum unit

(1) Parts not allowed to be removed

• Ds adjustment screws, 2 pcs.



[1] Screws not allowed to be removed (Ds adjustment screws)

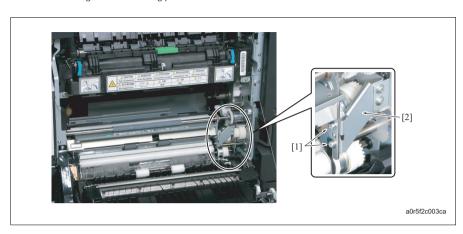
(2) Reason for prohibition

The Ds adjustment screws are used to determine the distance between the drum and the developing roller and they are adjusted to an appropriate value in advance. Therefore, do not remove these fixing screws.

6.1.5 Registration section

(1) Parts not allowed to be removed

2 screws of registration unit fixing plate.



- [1] Screws not allowed to be removed
- [2] Registration unit fixing plate

(2) Reason for prohibition

The registration unit fixing plate is arranged to fix the registration unit firmly and to adjust the appropriate distance between the registration clutch gear and the destination gear. The distortion of the registration unit may result in the irregularity of pitches. They are adjusted to an appropriate value in advance. Therefore, do not remove these fixing screws.

6.2 List of parts to be disassembled and reassembled

Note

- This list shows the explanation of the disassembly and reassembly of the parts which are considered necessary to replace (other than periodically replaced parts). However, these parts except for the covers are not required to be disassembled while in normal service operations.
- For the method of replacing the periodically replaced parts, see "3.4 Maintenance procedure of the external section" to "3.14 Maintenance procedure of the fusing section".

No.	Section	Part name	Page referred to
1	Cover	Rear cover /1	P.133
2		Rear cover /2	P.133
3		Rear cover /3	P.134
4		Rear cover /4	P.135
5		Right cover /Up	P.136
6		Right cover /Lw	P.137
7		Left cover	P.137
8		Front door	P.138
9		Upper cover /Rt	P.139
10		Original glass	P.139
11		Upper cover /Fr	P.141
12		Upper cover /Lt	P.141
13		Upper cover /Rr	P.142
14		Front cover	P.142
15	Operation panel	Operation panel	P.143
16	Scanner section	CCD unit	P.146
17		Exposure lamp	P.149
18		Exposure unit	P.150
19		Scanner wire	P.152
20	Toner supply section	Toner supply unit	P.154
21	Paper feed section	Tray 1	P.159
22		Tray 2	P.159

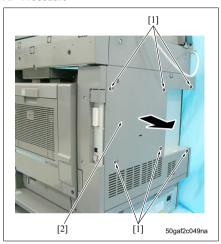
6.3 Disassembling/assembling procedure

∴ Caution

 When disassembling or assembling the parts, be sure the power cord has been unplugged from the power outlet.

6.3.1 Removing/reinstalling the rear cover /1

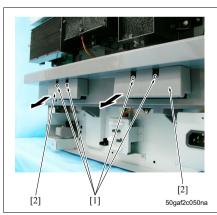
A. Procedure



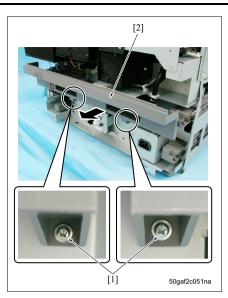
- Remove the rear cover /4. (See P.135)
- 2. Remove the 6 screws [1] and then remove the rear cover /1 [2].
- Reinstall the above parts following the removal steps in reverse.

6.3.2 Removing/reinstalling the rear cover /2

A. Procedure



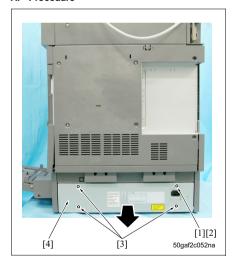
- Remove the rear cover /4. (See P.135)
- Remove the rear cover /1. (See P.133)
- 3. Remove the rear cover /3. (See P.134)
- 4. Remove the screws [1], 2 each, and then remove the 2 handles [2].



- 5. Remove the 2 screws [1] and then remove the rear cover /2 [2].
- 6. Reinstall the above parts following the removal steps in reverse.

6.3.3 Removing/reinstalling the rear cover /3

A. Procedure

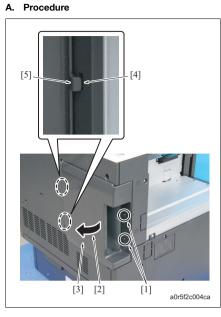


1. Remove the screw [1].

Note

- The screw [1] is attached with the washer [2]. Be careful that it does not get lost.
- 2. Remove the 3 screws [3] and then remove the rear cover /3 [4].
- 3. Reinstall the above parts following the removal steps in reverse.

6.3.4 Removing/reinstalling the rear cover /4



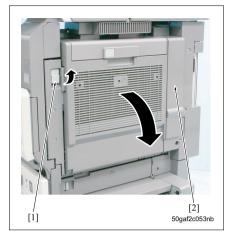
- Remove 2 screws [1] and turn to the arrowmarked direction [2], and then remove the rear cover /4 [3].
- 2. Reinstall the above parts following the removal steps in reverse.

Note

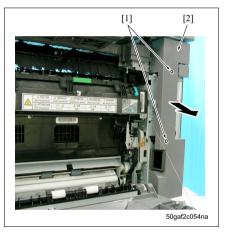
 When installing the rear cover /4, be sure first to fit the installation hole [4] to the projection [5].

6.3.5 Removing/reinstalling the right cover /Up

A. Procedure



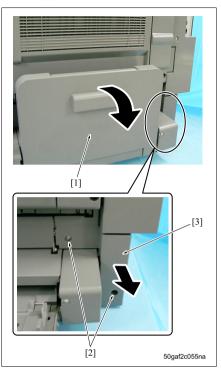
 Open the bypass tray. (See P.137)
 Pull the ADU release lever [1] to open ADU [2].



- 3. Remove the 2 screws [1] and then remove the right cover /Up [2].
- 4. Reinstall the above parts following the removal steps in reverse.

6.3.6 Removing/reinstalling the right cover /Lw

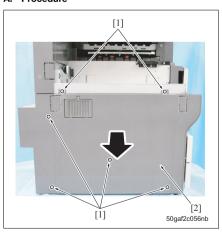
A. Procedure



- 1. Open the bypass tray [1].
- 2. Remove the 2 screws [2] and then remove the right cover /Lw [3].
- 3. Reinstall the above parts following the removal steps in reverse.

6.3.7 Removing/reinstalling the left cover

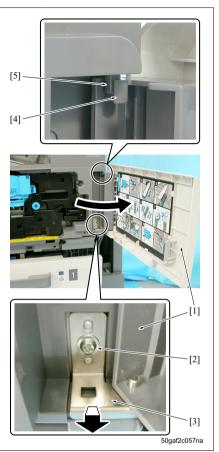
A. Procedure



- 1. Remove the 6 screws [1] and then remove the left cover [2].
- 2. Reinstall the above parts following the removal steps in reverse.

6.3.8 Removing/reinstalling the front door

A. Procedure



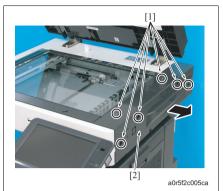
- 1. Open the front door [1].
- 2. Remove the front cover. (See P.142)
- 3. Remove the screw [2] and then remove the support plate [3] and the front door at the same time.

Note

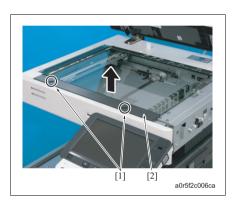
- When installing the front door, be sure first to fit the installation hole [4] to the shaft [5].
- 4. Reinstall the above parts following the removal steps in reverse.

6.3.9 Removing/reinstalling the original glass

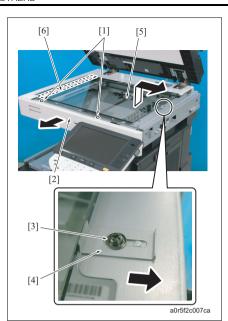
A. Procedure



 Remove the 6 screws [1] and then remove the upper cover /Rt [2].



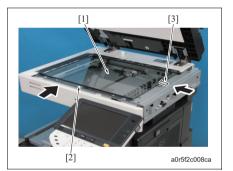
2. Remove the 2 screws [1] and then remove the glass attaching plate /Up [2].



- 3. Loosen the 2 screws [1] and slide the glass attaching plate /Lw [2].
- 4. Loosen the screw [3] and slide the glass holding plate [4].
- 5. Remove the original glass [5].

Note

 When removing the original glass, be careful not to stain the position to which the shading correction plate [6] is attached.

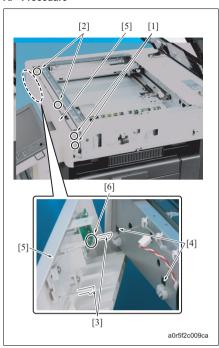


Note

- When installing the original glass [1], be sure to fix first the glass attaching plate /Lw [2] while pressing it against the original glass and then fix the glass holding plate [3] while also pressing it against the original glass.
- 6. Reinstall the above parts following the removal steps in reverse.

6.3.10 Removing/reinstalling the upper covers /Fr and /Lt

A. Procedure



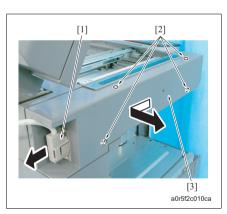
- Remove the original glass. (See P.139)
- 2. Loosen the 2 screws [1].
- 3. Remove the 2 screws [2]4. Push up the lock levers [3] at 2 places from its lower position and release it from the holes [4],

and then remove the upper cover /Fr [5].

5. Remove the connector [6] and then remove the upper cover /Fr [5].

Note

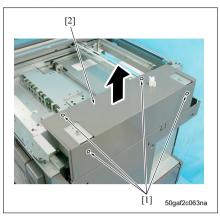
 When reinstalling the upper cover /Fr [5], be sure to insert the lock levers [3] at 2 places into the holes [4] securely.



- 6. Remove the connector [1].
- 7. Remove the 4 screws [2] and then remove the upper cover /Lt [3].
- 8. Reinstall the above parts following the removal steps in reverse.

6.3.11 Removing/reinstalling the upper cover /Rr

A. Procedure



- 1. Remove the original glass.
 - (See P.139)
- Remove the upper covers /Fr and /Lt. (See P.141)
- 3. Remove DF from the main body.
- 4. Remove the 4 screws [1] and then remove the upper cover /Rr [2].
- 5. Reinstall the above parts following the removal steps in reverse.

6.3.12 Removing/reinstalling the front cover A. Procedure



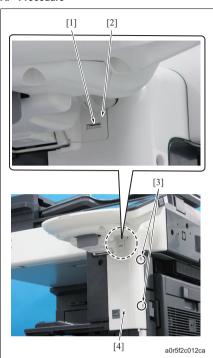
- 1. Open the front door [1].
- 2. Pull out the tray 1 [2].
- 3. Remove the screw [3]
- Push up the lock levers [4] at 2 places from the lower position of the front cover [5] and release it from the 2 holes [6].
- Reinstall the above parts following the removal steps in reverse, and then remove the front cover [5].

Note

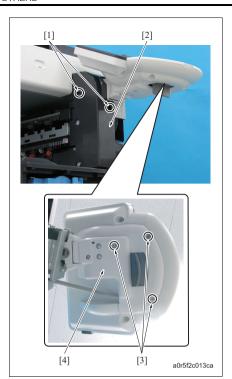
 When reinstalling the front cover [5], be sure to insert the lock levers [4] at 2 places into the 2 holes [6] securely.

6.3.13 Removing/reinstalling the operation panel

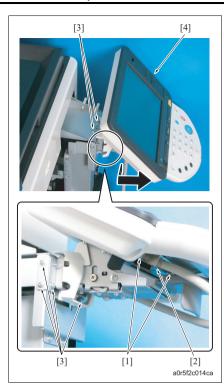
A. Procedure



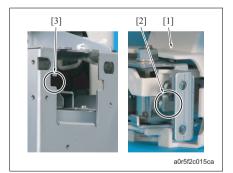
- 1. Remove the front cover.
 - (See P.142)
- 2. Remove the front door.
 - (See P.138)
- 3. Insert the edge of flat blade screwdriver into the hole [1], and remove the wiring harness cover [2].
- 4. Remove the 2 screws [3] and then remove the front cover /Up1 [4].



- 5. Remove the 2 screws [1] and then remove the front cover /Up2 [2].
- 6. Remove the 3 screws [3] and then remove the operation panel cover /Lw [4].



- 7. Loosen the 2 screws [1] and then remove the connector [2].
- 8. Remove the 6 screws [3] and then remove the operation panel [4].

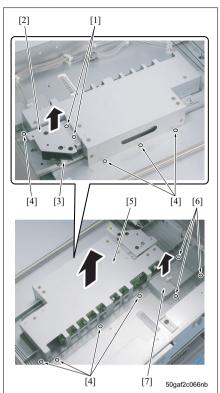


Note

- When installing the operation panel [1], be sure to insert the projection [2] into the hole [3].
- 9. Reinstall the above parts following the removal steps in reverse.

6.3.14 Removing/reinstalling the CCD unit

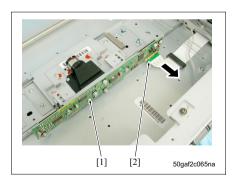
A. Procedure



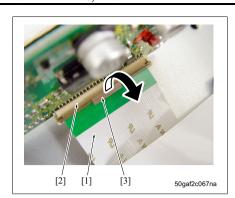
- Remove the original glass. (See P.139)
- 2. Remove the 2 screws [1] and the remove the lens light blocking cover assy [2].
- 3. Remove the connector [3].
- 4. Remove the 8 screws [4] and then remove the lens light blocking cover [5].
- 5. Remove the 3 screws [6] and then remove the ribbon cable cover [7].

Note

. Be careful not to damage the scanner wire.

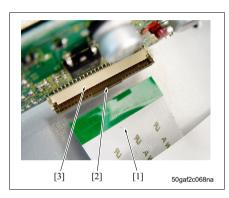


6. Remove the ribbon cable [2] from the CCD board (CCDB) [1].

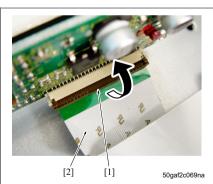


Note

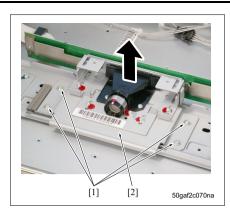
 When removing the ribbon cable [1], be sure to bring down the lock lever [3] of the connector [2] in the arrow-marked direction to release the lock and pull out the ribbon cable.



When installing the ribbon cable [1], be sure
to check to see if the lock lever [2] is
released. And insert deep it into connector [3]
securely while taking note that the conductor
side of the ribbon cable comes to the opposite side of the lock lever.



 After that, bring the lock lever [1] back to its original position and lock the ribbon cable [2].



- 7. Remove the 4 screws [1] and then remove the CCD unit [2].
- 8. Reinstall the above parts following the removal steps in reverse.

Note

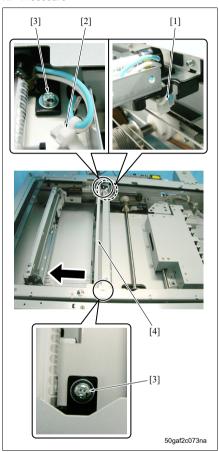
After installing the CCD unit, be sure to conduct the image adjustment in the service mode. (See P.180, P.181, P.182, P.183, P.184, P.185)

6.3.15 Replacing the exposure lamp

Note

. Be careful not to touch the lamp section of the exposure lamp (L1) with bare hands.

A. Procedure



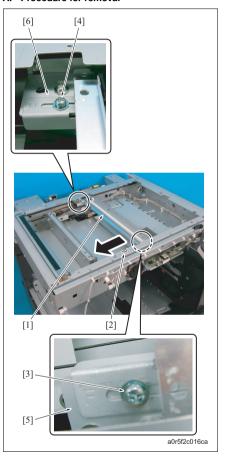
- Remove the original glass. At this time, remove also the glass attaching plate /Lw. (See P.139)
- 2. Remove the connector [1].
- 3. Remove the harness clamp [2].
- 4. Remove the 2 screws [3] and slide the exposure lamp (L1) [4] for removal.
- 5. Reinstall the above parts following the removal steps in reverse.

6.3.16 Removing/reinstalling the exposure unit

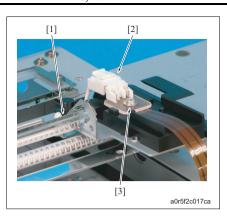
Note

- . When installing the exposure unit, be sure to use the optics unit positioning jig.
- When installing the exposure unit, be sure to conduct the image adjustment in the service mode. (See P.180, P.181, P.182, P.183, P.184, P.185)

A. Procedure for removal

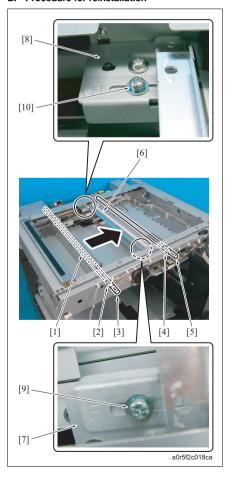


- Remove the original glass. At this time, remove also the glass attaching plate /Lw.
 - (See P.139)
- Remove the upper covers /Fr and /Lt. (See P.141)
- 3. Remove the upper cover /Rr. (See P.142)
- Move the exposure unit [1] to the notch [2] of the frame.
- Remove the screws [3] and [4] and then remove the exposure unit from the exposure unit mounting plates /Fr [5] and /Rr [6].
- 6. Slide the exposure unit [1] for removal.



- 7. Reverse the exposure unit [1] and remove the connector [2].
- Remove the screw [3] and remove the exposure unit.

B. Procedure for reinstallation



- 1. Move the V-mirror unit [1] to the vicinity of the V-mirror positioning hole [2].
- Insert the optics unit positioning jig [3] into the V-mirror positioning hole and fix the V-mirror unit.

Note

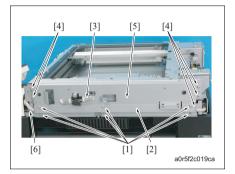
- Be sure to insert the optics unit positioning jig from the front side and pass it through the Vmirror unit.
- 3. Insert the optics unit positioning jig [5] into the exposure unit positioning hole [4].
- Hit the exposure unit [6] against the optics unit positioning jig [5].
- Install the exposure unit to the exposure unit mounting plates /Fr [7] and /Rr [8] with the screws [9] and [10].
- 6. Pull off the 2 optics unit positioning jigs.
- For the parts to be installed in the succeeding steps, be sure install them following the removal steps in reverse.

6.3.17 Stretching the scanner wire

Note

- Be sure to wind the scanner wire around the pulley closely with no scanner wire overlapping each other.
- · When restretching or replacing the scanner wire, be sure to use the optics unit positioning jig.
- When restretching or replacing the scanner wire, be sure to conduct the image adjustment in the service mode. (See P.180, P.181, P.182, P.183, P.184, P.185)

A. Procedure



 Remove the original glass. At this time, remove also the glass attaching plate /Lw.

(See P.139)

- Remove the upper covers /Fr and /Lt. (See P.141)
- 3. Remove the upper cover /Rr.

(See P.142)

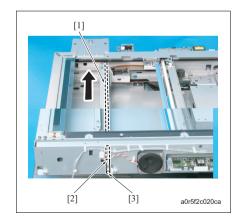
- 4. Remove six screws [1] and remove the wiring harness cover [2].
- 5. Remove the wiring harness [3] from the wiring harness clamp.
- 6. Remove five screws [4] and remove the right side plate of the scanner [5].

Note

- When removing the right side plate of the scanner [5], change the direction of the operation panel and loosen the wiring harness [6].
- Move the V-mirror unit [1] to the vicinity of the V-mirror positioning hole [2].
- 8. Insert the optics unit positioning jig [3] into the V-mirror positioning hole and fix the V-mirror unit.

Note

 Be sure to insert the optics unit positioning jig
 [3] from the operation panel side and pass it through the V-mirror unit.



Loosen the 2 hexagon socket screws [3] of the drive pulley on the side so that the drive pulley [1] can rotate freely against the pulley shaft [2].
 Drop the metal ball [5] provided at the intermediate

10. Drop the metal ball [5] provided at the intermediate section of the scanner wire [4] into the drive pulley installation hole and, with this as a starting point, wind the wire 6 turns [6] outwards and 5

turns [7] inwards.

Note

- The scanner wires are color-coded. Be sure to use the one painted black on the front side with the one with no paint on the rear side.

 For each scanner wire that is wound around
- the pulley, be sure to use on the outside the one at the end of which the metal ball [8] is provided and on the inside the one at the end of which the screw thread [8] is provided.
- For each scanner/wire, be sure to pull out the one that is would on the outside in the paper feed direction (10) from the upper side of the drive pulley and the one wound on the inside in the paper exit direction [11] from the upper.

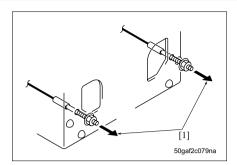
side of the drive pulley.

wire/be sure to fix it with the tape [12] so that it does not come off.

12. Pass the scanner wire [2] provided with the metal

11. After completion of the winding of the scanner

- ball [1] through the pulley [4] on the paper exit side after passing through under the V-mirror unit [3], and pass further through the pulley [5] inside the V-mirror unit. And then hook it to the notch [6] of the frame.
- 13. Pass the scanner wire provided with the screw thread through the pulley [7] on the paper feed side. And then pass it from above through the pulley [8] on the outside of the V-mirror unit and further through under the V-mirror unit and, with the nut [9] and the washer [10], fix it at the tension of 1.3 kg to 1.7 kg.



Note

- When fixing the screw thread side of the scanner wire, be sure fix it with a tension of 1.3 to 1.7 kg applied by a spring balance in the arrow-marked direction [1].
- When fixing the scanner wire, be sure to check to see if the V-mirror unit has been fixed with the optics unit positioning jig.
- Be sure to tighten up the set screw of the drive pulley that has been loosened.
- Be sure to peel off the tape that has been used for fixing.

14. Install the exposure unit.

(See P.150)

Note

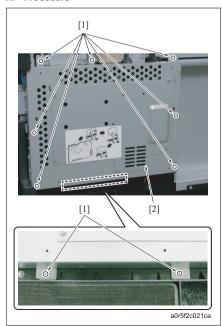
 Be sure to slide the exposure unit and check to see if it operates smoothly.

6.3.18 Removing/reinstalling the toner supply unit

Note

· Be sure to remove the toner bottle in advance.

A. Procedure



- 1. Remove the original glass.
 - (See P.139)
- 2. Remove the upper covers /Fr and /Lt.

(See P.141)

 $\it 3.\,\,$ Remove the upper cover /Rr.

(See P.142)

4. Remove the right cover /Up.

(See P.136)

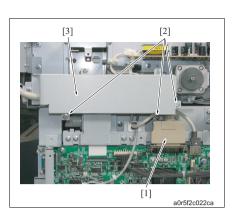
5. Remove the rear cover /4.

(See P.135)

6. Remove the rear cover /1.

(See P.133)

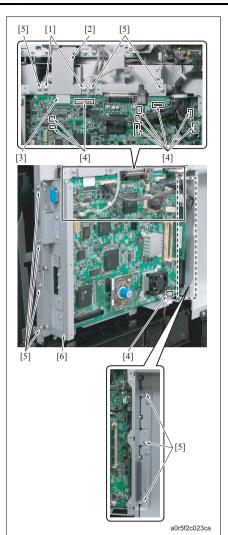
Remove the 9 screws [1] and then remove the system unit cover [2].



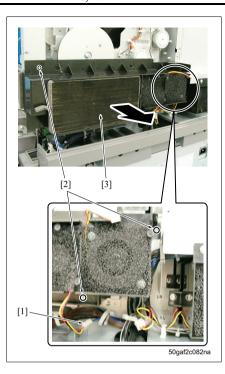
- 8. Remove the connector [1].
- Remove 3 screws [2] and remove the wiring harness cover [3].

Note

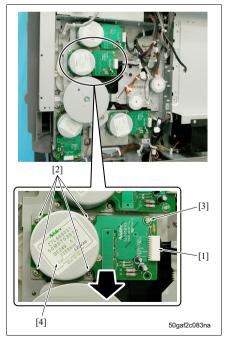
• Be sure to leave the removed wiring harness cover [3] as installed to the cable [4].



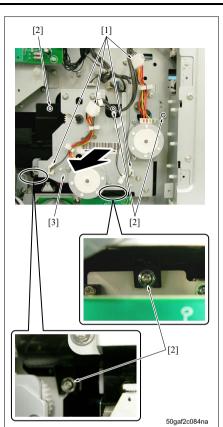
- 10. Remove the 2 screws [1] and then remove the ribbon cable cover [2].
- 11. Remove the ribbon cable [3].
- 12. Remove the 12 connectors [4].
- 13. Remove the 10 screws [5] and then remove the overall control board mounting box [6].



- 14. Remove the connector [1].
- 15. Remove the 3 screws [2] and then remove the ozone filter mounting assy [3].



- 16. Remove the connector [1].
- 17. Remove the 4 screws [2].
- 18. Remove the board support [3] and the remove the drum motor (M1) [4].



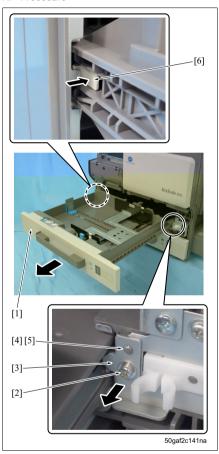
- 19. Remove the 4 connectors [1].
- 20. Remove the 5 screws [2] and then remove the toner supply unit [3].
- 21. Reinstall the above parts following the removal steps in reverse.

6.3.19 Removing/reinstalling the trays 1 and 2

Note

- The trays 1 and 2 are of the same form and of the same mechanism. The procedure given here shows mainly the operations employed for the tray 1.
- · When there remains paper in the tray, be sure to remove it thoroughly before starting operations.

A. Procedure



- 1. Pull out the tray 1 [1].
- 2. Remove the screw [2] and then remove the stopper [3].

Note

- When installing the stopper, be sure to set the positioning hole [4] to the projection [5].
- 3. While holding down the stopper [6], pull out the tray 1 for removal.

Note

- When installing the tray 1, be sure to check to see if the tray can be pulled out and pushed in smoothly.
- When installing the tray 1, be sure to check to see if the tray is not thoroughly pulled out.

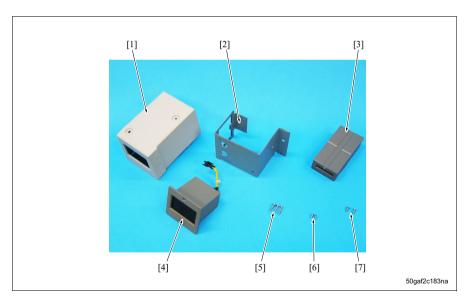
6.4 Option counter

6.4.1 Configuration of the key counter

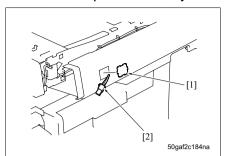
As shown below, the key counter is configured as a product so that it can be supplied according to the application. In principle, the key counter can be installed by obtaining the key counter kit 4.

	[1] Cover	[2] Mounting	[3] Key	[4] Counter	[5] Screws	[6] Screws	[7] Screws
		plate	counter	socket	for the	for the	for the
					cover	counter	mounting
						socket	plate
Key counter kit 4*	•	•	•	•	•	•	•
Key counter mounting kit*	•	•			•		•
Key counter			•				

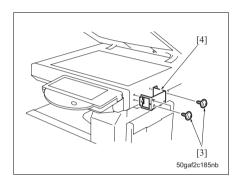
In the kit, parts (such as a mounting plate, mylar, wire saddle and screws) that are not used for 501/421/ 361 are included.



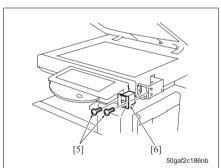
6.4.2 Installation procedure of the key counter



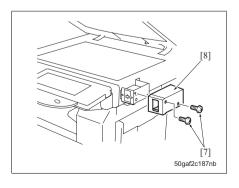
- Remove the upper cover /Rt. (See P.141)
- 2. Remove the split cover [1] of the upper cover /Rt.
- 3. Put the harness [2] for the key counter through the upper cover /Rt.
- 4. Install the upper cover /Rt.



5. Install the mounting plate [4] with the 3 screws [3].



- 6. Hook up the connector of the key counter socket.
- 7. Install the counter socket [6] with the 2 screws [5].



8. Install the cover [8] with the 2 screws [7].

MAINTENANCE

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■ ADJUSTMENT/SETTING

7. HOW TO USE THE ADJUSTMENT/SETTING SECTION

7.1 Composition

This part "ADJUSTMENT/SETTING" describes items to be adjusted and the method of adjustment that is required by this machine, it also gives detailed explanations.

A. Checking before starting work

When conducting claims in the field, it is necessary to check first the following:

- 1. Are the power supply and voltage secured in accordance with the specifications?
- 2. Is the power supply properly grounded?
- 3. Is any equipment that repeatedly consumes a lot of electricity connected to the same power supply? (e.g.: Electric noise sources such as elevator and air conditioner)
- 4. Are environmental conditions suitable for the machine?
- High temperature and high humidity, direct sunlight, air ventilation, etc.
- Levelness of the location on which the machine is installed.
- 5. Does the cause of poor images lie in the original itself?
- 6. Is density selected properly?
- 7. Is the original glass stained?
- 8. Is proper paper used for copy?
- 9. Are copy consumable replaced with new ones at their life? (e.g.: Developer, drum, cleaning blade, etc)
 10. Is toner filled?

B. Checkpoints when conductions on-site service

Due attention should be paid to the following when repairing the machine.

- 7. Be sure to unplug the power cord from the power outlet. Also, when operating the machine with the power supplied, be careful of the scan of the exposure unit and be sure not to get caught by the gear.
- 2. The fusing section may be very hot. Be careful not to get burnt when handling it.
- 3. The developing unit is strongly magnetized. Be careful not to bring a watch and instrument near to the unit.
- 4. Be careful not to damage the drum with a tool.
- 5. Be careful not to touch IC directly with bare hands.

8. UTILITY MENU

8.1 List of utility mode

Note

• For detail on the utility mode, refer to "User's guide".

	unty mode, refer to	UTILITY MENU				
[1] One-Touch / User	[1] Create One-	[1] Address Book	[1] E-Mail			
Box Registration	Touch Destination		[2] User Box			
			[3] Fax			
			[4] PC (SMB)			
			[5] FTP			
			[6] WebDAV			
			[7] IP Address Fax			
			[8] Internet Fax			
		[2] Group	[0] internet i ax			
		[3] E-Mail Settings	[1] E-Mail Subject			
		[0] L-IVIAII OEIII IGS	[2] E-mail Body			
	[2] Create User Box	[1] Public/Personal U	* * *			
	[2] Create Oser Box	[2] Bulletin Board Us				
			el DOX			
	[O]	[3] Relay User Box	fd1 Ashrina a Daali			
	[3] Limiting Access to Destinations	[1] Apply Levels / Groups to Destina-	[1] Address Book			
	to Destinations	tions	[2] Group			
[0] I I O III	H10 1 0 III		[3] Program			
[2] User Settings	[1] System Settings	[1] Language Selection [2] Measurement Unit Settings				
		[3] Paper Tray Set- tings	[1] Auto Tray Selection Settings			
		urigs	[2] Auto Tray Switch ON/OFF			
			[3] No Matching Paper in Tray Setting			
			[4] Print Lists			
		111.0	[5] Paper Type			
		[4] Power Save Setti	ngs			
		[5] Output Settings	2			
		[6] Blank Page Print	· ·			
		[7] Density for Origin	**			
		[8] Page Number Pri	nt Position			
	[2] Custom Display	[1] Copier Settings				
	Settings	[2] Scan/Fax Setting	S			
		[3] Copy Screen				
		[4] FAX Active Screen				
		[5] Color Selection S				
		[6] Left Panel Display Default				
		[7] Search Option Se	ettings			
	[3] Copier Settings					
	[4] Scan/Fax Settings	3				

		LITH IT / NACNUL		
10111 O W	Lieu Di Li Comi	UTILITY MENU		
[2] User Settings	[5] Printer Settings	[1] Basic Settings		
		[2] Paper Setting	T	
		[3] PCL Setting	[1] Font Setings	
			[2] Symbol Set	
			[3] Font Size	
			[4] Line/Page	
			[5] CR/LF Mapping	
		[4] PS Setting		
		[5] XPS Settings		
		[6] TIFF Image Pape	r Setting	
		[7] Print Reports		
		[8] Image Shift Settir	ngs	
		[9] Stamp settings	[1] Date/Time Print F	Position
			[2] Date/Time Text Si	ize
			[3] Page Number Pri	nt Position
			[4] Page Number Tex	rt Size
	[6] Change Passwor	d	<u> </u>	
	[7] Canege E-Mail Ad	ddress		
[3] Administrator Set-	[1] System Settings	[1] Power Save Sett	ngs	
tings		[2] Output Settings	[1] Print/Fax Output	Settings
			[2] Output Tray Settir	ngs
			[3] Shift Output Each	ı Job
		[3] Date/Time Setting	gs	
		[4] Daylight Saving T	ime	
		[5] Weekly Timer	[1] Weekly Timer ON	/OFF Settings
		Settings	[2] Time Settings	
			[3] Date Settings	
			[4] Select Time for Po	ower Save
			[5] Password for Nor	n-Business Hours
		[6] Restrict User	[1] Copy Program Lo	ock Settings
		Access	[2] Delete Saved Cop	
			[3] Restrict Access to	
			[4] Restrict Operation	
		[7] Expert Adjust-	[1] Density for Origina	
		ment	[2] Erase Adjustment	
			[3] Finisher Adjustme	
		[8] List/Counter	[1] Management List	[1] Job Settings List
		[e] zioi codintoi	[2] Paper Size/Type (
			[3] Sales Counter Lis	
		[9] Reset Setting	[1] System Auto Res	
		[o] rieser oernig		
			[2] Auto Reset	
			[3] Job Reset	

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		UTILITY MENU					
[3] Administrator Set-	[1] System Setting	[9] Reset Setting	[4] System Auto Res	et for Proof Copy			
tings		[0] User Box Set-	[1] Delete Unused U	ser Box			
		tings	[2] Delete Secure Pri	int Documents			
			[3] Auto Delete Secu	ire Document			
			[4] Encrypted PDF D	elete Time			
			[5] Touch & Print Del	ete Time			
			[6] Document Hold S	Setting			
			[7] External Memory	Function Settings			
		[1] Standard Size Se	tting				
		[2] Stamp settings	[1] Header/Footer Se	ettings			
			[2] Fax TX Settings				
		[3] Blank Page Print	Settings				
		[4] Page Number Pri	nt Position				
		[5] Job Skip Setting					
	[2] Administrator/	[1] Administrator Reg	gistration				
	Machine Settings	[2] Input Machine Ad	ldress				
	[3] One-Touch/User	[1] Create One-	[1] Address Book	[1] E-Mail			
	Box Registration	Touch Destination		[2] User Box			
				[3] Fax			
			[2] Group				
			[3] E-Mail	[1] E-Mail Subject			
				[2] E-Mail Body			
		[2] Create User Box	[1] Public/Personal U	Jse Box			
			[2] Bulletin Board Us	er Box			
			[3] Relay User Box				
			[4] Annotation User I	Вох			
		[3] One-Touch/User	[1] Address Book Lis	st			
		Box Registration	[2] Group List				
		List	[3] Program List				
			[4] E-Mail Subject/Te	ext List			
		[4] Maximum Number of User Boxes					
	[4] User Authenti-	[1] General Settings					
	cation/Account	[2] User Authentication	on Settings				
	Track	[3] Account Track Se	ettings				
		[4] Print without Auth					
		[5] Print Counter List					
		[6] External Server S					
		[7] Limiting Access	[1] Create Group				
		to Destinations	[2] Apply Levels/Gro				
			[3] Apply Levels/Gro	ups to Users			
		[8] Authentication De	evice Setting				

	UTILITY MENU			
[5] Network Set-	[1] Network Setting			
tings	[2] TCP/IP Settings			
	[3] Netware Set-	[1] IPX Settings		
	tings	[2] NetWare Print Settings		
		[3] User Authentication Setting (NDS)		
	[4] HTTP Server Set	tings		
	[5] FTP Settings	[1] FTP TX Settings		
		[2] FTP Server Settings		
	[6] SMB Settings	[1] Client Settings		
		[2] Print Settings		
		[3] WINS Settings		
		[4] Direct Hosting Setting		
	[7] LDAP Settings	[1] Enabling LDAP		
		[2] Setting Up LDAP		
		[3] Default LDAP Server Setting		
	[8] E-Mail Settings	[1] E-Mail TX (SMTP)		
		[2] E-Mail RX (POP)		
		[3] S/MIME Communication Settings		
	[9] SNMP Settings			
	[0] AppleTalk Setting	gs		
	[1] Bonjour Setting			
	[2] TCP Socket	[1] TCP Socket		
	Settings	[2] TCP Socket (ASCII Mode)		
	[3] Network Fax	[1] Network Fax Function Settings		
	Settings	[2] SMTP TX Settings		
		[3] SMTP RX Settings		
	[4] WebDAV Client S	Settings		
	[6] Web Service	[1] Web Service Common Settings		
	Settings	[2] Printer Settings		
		[3] Scanner Settings		
	[7] Detail Settings	[1] Device Setting		
		[2] Time Adjustment Setting		
		[3] Status Notification Setting		
		[4] Total Counter Notification Settings		
		[5] PING Confirmation		
		[6] SLP Setting		
		[7] LPD Setting		
		[8] Prefix/Suffix Setting		
		[9] Action for Invalid Certificate		
[6] Copier Settings	1	1		
[7] Printer Settings				
	[6] Copier Settings	[5] Network Settings [2] TCP/IP Settings [3] Netware Settings [4] HTTP Server Set [5] FTP Settings [6] SMB Settings [7] LDAP Settings [8] E-Mail Settings [9] SNMP Settings [0] AppleTalk Setting [1] Bonjour Setting [2] TCP Socket Settings [3] Network Fax Settings [4] WebDAV Client Settings [6] Web Service Settings [7] Detail Settings [7] Detail Settings		

		UTILITY MENU		
[3] Administrator Set-	[8] Fax Settings	[1] Header Information	on	
ting		[2] Header/Footer Po	osition	
		[3] Line Parameter S	etting	
		[4] TX/RX Settings		
		[5] Function Set-	[1] Function ON/OFF Setting	
		tings	[3] Memory RX Setting	
			[4] Closed Network RX	
			[5] Forward TX Setting	
			[7] Incomplete TX Hold	
			[8] PC-Fax RX Setting	
			[9] TSI User Box Setting	
		[6] PBX Connection	Setting	
		[7] Report Settings		
		[8] Job Settings List		
		[9] Multi Line Set-	[1] Line Parameter Setting	
		tings	[2] Function Settings	
			[3] Multi Line Settings	
			[4] Sender Fax No.	
		[0] Network Fax Sett	ing	
	[9] System Con-	[1] Open API Setting	IS	
	nection			
	[0] Security Set-	[1] Administrator Pas		
	tings	[2] User Box Adminis		
		[3] Administrator Sec	curity Levels	
		[4] Security Details		
		[5] Enhanced Securi		
		[6] HDD Settings	[1] Check HDD Capacity	
			[2] Overwrite Temporary Data	
			[3] Overwrite All Data	
			[4] HDD Lock Password	
			[5] Format HDD	
			[6] HDD Encryption Setting	
		[7] Function Man-	[3] Network Function Usage Settings	
		agement Settings	[11] Apply Stampa	
		[8] Stamp settings	[1] Apply Stamps [2] Delete Registered Stamp	
		[O] Driver December		
		[0] Driver Password		
		[1] Flash Memory Lo	CK Password	

9. LIST OF ADJUSTMENT ITEMS

			_												
Adjustme	Replacement parts/Others Adjustment/setting items		Page referred to	After completion of PM	Drum	Developer	Replacement parts related to fusing unit	Write unit	Slit glass	Scanner wire, expo- sure/mirror unit	DF	Roller parts related to paper feed	CCD unit	NVRAM board	Replacement of CF card
Machine	Print	Print Positioning: Leading Edge	P.174					6				(3)		0	
IVIACI III IE	er	Print Positioning: Side Edge	P.175					9				(4)		0	
	Area	Paper Feed Direction Adj.	P.176					(5)				(2)	(1)	0	
	Printe	r Resist Loop	P.178									①		0	
		ss Tray Adjustment	P.179									_		_	
	Scan	Image Position: Leading Edge	P.180							2			(4)	0	
	Area	Image Position: Side Edge	P.181							(4)			(5)	0	
	7 11 000	Cross Direction Adjustment	P.182							3			3	0	
		Feed Direction Adjustment	P.183							1		(5)	2	0	
	Lead	Edge Erase Adjustment	P.184					8						0	
		mage Area Erase Check	P.185											0	
Imaging		Adjustment	P.186			1								0	
Process	Toner	Density Adjustment	P.187			2		1						0	
Adjust-		Diameter Adjustment	P.188			3		2						0	
ment	LD1 (Offset Adj.	P.189		2	4		3						0	
		Offset Adj.			3	(3)		4						0	
Counter	Prese	nt Parts Life (Reset)	P.196		0		0								
Counter	РМ С	ounter (Reset)	P.207	0	1	0	0								
	РМ С	ounter (Set)	-											0	
ADF	Paper	Feed Direction	P.230								2		6	0	
,	Lead	Edge	P.231								3		7	0	
	Side E	Edge	P.232								(5)		8	0	
	Resis	t Loop Adj.	P.233								①			0	
		al Size Adj.	P.233								6			0	
	Densi	ty Adj.	P.234						0		8		9	0	
	Scan	Position Adjustment	P.235							(\$)	4			0	
	Senso	or Auto Adjustment	P.236								7			0	
Finisher	Cente	r Staple Position	P.237											0	
	Half-Fold Position		P.238											0	
	Punch	n Horizontal Position	P.239											0	
	Punch	n Resist Loop	P.240											0	
Secu-															
rity Set-	Initialia	ze Flash memory Lock PW	P.299												0
ting		,													
ISW	MFP	controller													0
			•		1	0	1	1	1		1	1	1	1	

Note

- After changing developer, be sure to avoid the printing operation before completion of the TCR adjustment.
- When replacing the NVRAM board (NRB), be sure to conduct the TCR adjustment after changing developer.
- When replacing the overall control board (OACB) due to the board being damaged, the NRB and CF card that have been provided on the damaged OACB should be reused on a new OACB in principle. When the NRB ans the data in the CF card are considered to be damaged, be sure to refer to the support division of the authorized distributor.

10. SERVICE MODE

10.1 List of service mode

	Adjustment/s	setting items		page			
Machine	Printer Area	Print Positioning: Lead	ing Edge	P.174			
		Print Positioning: Side	Edge	P.175			
		Paper Feed Direction A	ndj.	P.176			
	Printer Resist Loop	Printer Resist Loop					
	Bypass Tray Adjustmer	Bypass Tray Adjustment					
	Scan Area	g Edge	P.180				
		Image Position: Side E	dge	P.181			
		Cross Direction Adjustr	ment	P.182			
		Feed Direction Adjustm	nent	P.183			
	Lead Edge Erase Adjus	stment		P.184			
	Non-Image Area Erase	Check		P.185			
Imaging Process	Charging Main Manual	Adj.		P.186			
Adjustment	Transfer Manual Adj.			P.186			
	Separation (AC) Manua	l Adj.		P.186			
	Separation (DC) Manua	ıl Adj.		P.186			
	Grid Charging Manual	Adj.		P.186			
	Bias Voltage Manual Ad	Bias Voltage Manual Adj.					
	TCR Adjustment						
	Toner Auto Supply			P.186			
	Toner Density Adjustme	ent		P.187			
	Laser Diameter Adjustment						
	LD1 Offset Adj.						
	LD2 Offset Adj.						
	LD1 Bias Adj.	LD1 Bias Adj.					
	LD2 Bias Adj.						
System 1	Marketing Area			P.190			
	Tel/Fax Number			P.191			
	Serial Number			P.191			
	Trouble Isolation			P.192			
	No Sleep			P.192			
	Foolscap Size Setting			P.192			
	Original Size Detection	Original Glass Original	Size Detect	P.193			
		ADF Original Size Dete	ct				
	Original Glass Small Size Detect						
	Detected Size Setting	•		P.193			
	Install Date			P.194			
	Initialization	Utility/Administrator	Job memory Setting Data	P.194			
		Setting Data	FAX Setting Data				
			Network Setting Data	1			
		Destination Storage Data					
		CS Remote Care Settir	ng Data				

	Adjustment/s	setting items		page			
System 1	Initialization	Service Mode Setting	Image Process Adj. Data	P.194			
		(Adj.) Data	Machine and ADF Adjustment Data				
		Counter Data	Drum Counter				
			Fixing Counter				
		All History Data					
	Machine State LED Set	ting		P.195			
Counter	Total Service			P.197			
	Fax Communication En	ror		P.197			
	Mode			P.197			
	ADF Counter			P.199			
	Service Call			P.199			
	JAM			P.201			
	Present Parts Life			P.205			
	Optional Parts Life			P.196			
	PM			P.207			
	Reuse			P.202			
	Each Size			P.204			
	Pape Jam History						
	Jam Counter History						
	Time Series Trouble (SC)						
	Each Section Trouble (S	SC)		P.199			
State Confirmation	Sensor Check			P.208			
	Load Check						
	Memory/HDD Condition						
	Memory/HDD Adjust- Memory Check						
	ment	HDD R/W Check					
		HDD Format					
	Adj. Data Table	1		P.224			
ADF	Paper Feed Direction			P.230			
	ADF Adjustment:Lead B	Edge		P.231			
	ADF Adjustment:Side E	dge		P.232			
	Resist Loop Adj.			P.233			
	Original Size Adj.			P.233			
	Density Adj.			P.234			
	Scan Position Adjustme	ent		P.235			
	Sensor Auto Adjustmer	nt		P.236			
Finisher	Center Staple Position			P.237			
	Half-Fold Position			P.238			
	Punch Horizontal Positi	on		P.239			
	Punch Resist Loop			P.240			
Firmware Version				P.241			
CS Remote Care				P.242			
System 2	Data Capture			P.264			

	Adjustment/setting items	page
System 2	Paper Size Setting • Tray3	P.264
	• LCT	
	DipSW Setting	P.264
	ISW	P.282
	Option Installation	P.282
	OEM ON/OFF	_
	Network Fax Setting	P.282
	Internet ISW	P.283
	Trouble Reset	P.283
List Output	Machine Management List	P.284
	Adjustments List	
İ	Service Parameter	
	Protocol Trace	
	Fax Setting List	
	Fax Analysis List	
Test Mode	Full Image Halftone	P.285
	Gradation Pattern (No.2)	
	Gradation Pattern (No.3)	
	Gradation Pattern (No.5)	
	Beam Gap Check	
	Line Check Pattern	
	Test Pattern Output Mode	P.292
	Running Mode	P.293
	Test Fax Line1	*1
	Line2	
FAX	Modem/NCU	*1
	NetWork	
	System	
	Fax File Format	
	Communication	
	List Output	
	Function Parameter	
	Initialization	
Enhanced Security	CE Password	P.296
	Administrator Password	P.296
	Administrator Feature Level	P.297
	CE Authentication	P.297
	Operation Ban release time	P.298
	Administrator unlocking	P.298
	Initialize Flash Memory Lock PW	P.299
Billing Setting	Counter Setting	P.304
	Management Function Choice	P.305

^{*1 (}See the FK-502 Service Manual)

10.2 Setting Method

This machine is provided with a service mode for various types of adjustments/settings. Data adjusted and/or set in this mode are stored in the NVRAM board (NRB).

10.2.1 Start and exit of the service mode

You can access the service mode while the power is both turned ON and OFF. In either way, the started service mode is the same, but how to exit differs.

A. Starting and exiting service mode while the power is ON

- 1. Check to see if the regular copy screen is displayed.
- 2. Press the Utility/Counter key.
- 3. "Meter Count/ Utility screen"

Press [Meter Count] → [Check Details].

4. "Meter Count screen"

Press the Stop key and key pad in the order shown below.

Stop
$$\rightarrow 0 \rightarrow 0 \rightarrow \text{Stop} \rightarrow 0 \rightarrow 1$$

NOTE

- · When the CE password is set, a password is required to input to enter the service mode.
- 5. "Service Mode screen"

The service mode is in the start-up condition.

6. Select an item to set.

The setup screen of each item is displayed.

7. Conduct required operations, and press [END/OK] after completion of the operations.

The setting made at step 6 becomes effective.

8. "Service Mode screen"

Press [Exit] to return to the regular copy screen.

B. Starting and exiting service mode while the power is OFF

- 1. While pressing the Utility/Counter key, turn ON the power switch (SW2).
- 2. Trouble reset screen appears.
- 3. Press the [Trouble reset].
- 4. On the Operation panel, press the following keys.

Stop
$$\rightarrow 0 \rightarrow 0 \rightarrow \text{Stop} \rightarrow 0 \rightarrow 1$$

5. Service Mode screen appears.

NOTE

- When the CE password has been set, you must enter the password to enter the service mode.
- 6. Press the key for an item you want to configure.

The setting screen for each item appears.

- 7. Conduct necessary operations and turn OFF the SW2 after completion of operations.
- 8. The new settings become effective after restart.

10.3 Machine Adjust

10.3.1 Print Positioning: Leading Edge (Printer Area)

Adjusts the leading edge timing of the printer image.

This adjustment is used to change the restart timing of paper of the registration roller and adjust the relative position in the sub scan direction of the image against the paper.

The adjustment can be made for each paper feed (each tray, bypass feed and ADU). And for the bypass feed, it is possible to make an adjustment for each type of paper (plain paper, thick paper, thin paper, OHP, envelope and label).

Note

bizhub 501/421/361

Be sure to complete the Paper Feed Direction Adj. (Printer Area) before starting this adjustment.
 (See P.176)

A. Procedure

- 1. "Service Mode screen"
 - Press [Machine].
- 2. "Machine Adjust screen"
 - Press [Printer Area].
- 3. "Printer Area screen"

Press [Print Positioning: Leading Edge].

"Print Positioning: Leading Edge screen"
 Select an item to adjust and then press [Test Copy].

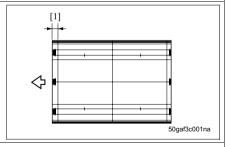
NOTE

- . When [Batch] is pressed, no test copy is available.
- 5. "Test Copy screen"

With paper set in the tray selected, press the Start key to output the test pattern (No. 16).

When paper is fed from the bypass feed, set the corresponding type of paper. And then press the Start key to output the test pattern (No. 16).

- 6. Press [END].
- Measure the leading edge timing with a scale.
 Standard value [1]: 20 ± 0.5 mm



8. "Print Positioning: Leading Edge screen"

Enter a value through the [+]/[-] or numeric keys and press [Setting].

Setting range: - 12.8 (shorter) to + 12.7 mm (longer)

1 step = 0.1 mm

Press [Restore] to return to a value before change.

9. Repeat steps 4 to 8 until it gets within the standard value.

10.3.2 Print Positioning: Side Edge (Printer Area)

Changes the laser write timing and also changes the image position on the drum in the main scan direction to adjust the mis-centering of the printer image.

For each paper feed (each tray, bypass feed, ADU) and for each paper size (common, small size, large size), the adjustment can be made.

Note

Be sure to complete the Cross Direction Adjustment (Scan Area) before making this adjustment.
 (See P.176)

A. Procedure

1. "Service Mode screen"

Press [Machine].

2. "Machine Adjust screen"

Press [Printer Area].

3. "Printer Area screen"

Press [Printer Positioning: Side Edge].

4. "Print Positioning: Side Edge screen"

Select an item to adjust and press [Test Copy].

NOTE

- . When [Batch] is pressed, no test copy is available.
- 5. "Test Copy screen"

With paper set in the tray selected, press the Start key to output the test pattern (No. 16).

- 6. Press [END].
- 7. Fold the output paper into two in the main scan direction to check it for any discrepancy against the center line of the print.

Standard value: 0 ± 1.5 mm or less

8. "Print Positioning: Side Edge screen"

Enter a value through the [+]/[-] or numeric keys and press [Setting].

Setting range: - 4.77 (image: to the rear) to + 4.77 (image: to the front) mm

1 step = 0.09 mm

Press [Restore] to return to a value before change.

9. Repeat steps 4 to 8 until it gets within the standard value.

10.3.3 Paper Feed Direction Adi. (Printer Area)

A. Printer

Adjusts the magnification of the printer in the sub scan direction.

This adjustment is used to change uniformly the process speed of the drum and the registration roller and change the magnification in the sub scan direction of the image on the drum.

The adjustment can be made for each type of paper (normal paper, OHP, thick paper, envelope, label and custom paper)

Note

bizhub 501/421/361

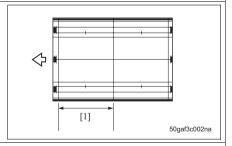
- . The background of the test pattern to be output is fogging. However, this is not abnormal.
- · For thin paper, the setting of normal paper is applicable.

(1) Procedure

- 1. "Service Mode screen"
 - Press [Machine].
- 2. "Machine Adjust screen"
 - Press [Printer Area].
- 3. "Printer Area screen"
 - Press [Paper Feed Direction Adj.]
- 4. "Paper Feed Direction Adj. screen"
- Press [Printer].
- 5. Select an item for the type of paper and press [Test Copy].
- 6. "Test Copy screen"

Set A3 (for metric) or 11 x 17 (for inch) paper that is the type of paper selected. And then press the Start key to output the test pattern (No. 16).

- 7. Press [END].
- Measure the magnification in the sub scan direction with a scale.
 - Standard value [1]: \pm 0.5% or less (190 \pm 1 mm or less)



9. "Paper Feed Direction Adj. screen"

Enter a value through the [+]/[-] or numeric keys and press [Setting].

Setting range (normal paper): -5.0 (smaller) to +5.0 % (larger)

Setting range (other than the above): -2.0 (smaller) to +2.0 % (larger)

1 step = 0.1 %

Press [Restore] to return to a value before change.

10. Repeat steps 4 to 9 until it gets within the standard value.

B. Fixing motor clock

Makes appropriate a paper feed loop amount between the registration roller and the fusing roller to prevent the transfer slippage at the position about 26 mm from the trailing edge of the transfer paper.

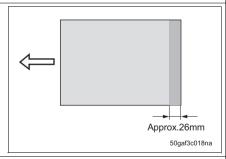
The adjustment can be made for each type of paper (normal paper, OHP, thick paper, envelope, label, custom paper and user paper).

Note

- This adjustment checks copy image to see if there occurs no transfer jitter. When it is difficult to
 check transfer jitter at copy image, be sure to set "1" for DipSW37-2 before adjustment. By this
 setting, test pattern will be printed.
- Printer magnification in the paper through direction: The adjustment of the printer should have been completed. (See P.176)
- · For thin paper, the setting of normal paper is applicable.

(1) Procedure

- 1. "Service Mode screen"
 - Press [Machine].
- 2. "Machine Adjust screen"
 - Press [Printer Area].
- "Printer Area screen"
 - Press [Paper Feed Direction Adj.]
- 4. "Paper Feed Direction Adj. screen"
 - Press [Fixing Motor Clock].
- 5. Select an item for the type of paper and press [Test Copy].
- 6. "Test Copy screen"
- · Place the original onto the original glass.
- Set A3 (for metric) or 11 x 17 (for inch) paper that is the type of paper selected. With the print count set at 5, press the Start key.
- 7. Press [END].
- Check all of the 5 output sheets; copy or print, of paper to see if there occurs no transfer jitter.



9. "Paper Feed Direction Adj. screen"

Enter a value through the [+]/[-] or numeric keys and press [Setting].

Setting range (normal paper): -5.0 (smaller) to +5.0 % (larger)

Setting range (user paper): -0.5 (smaller) to +0.5 % (larger)

Setting range (other than the above): -2.0 (smaller) to +2.0 % (larger)

1 step = 0.1 %

Press [Restore] to return to the value before change.

- 10. Repeat steps 4 to 9 until it gets within the standard value.
- 11. Press [END].

10.3.4 Printer Resist Loop

Adjusts the paper loop amount at the registration roller section to adjust a paper skew, wrinkles, or a jam at the registration section.

The adjustment can be made for each paper feed (each tray, bypass feed and ADU) and for each paper size (large size, intermediate size and small size). And for the bypass feed, it is also possible to make an adjustment for each type of paper (normal paper, thick paper, thin paper, OHP, envelope, and label).

A. Procedure

- 1. "Service Mode screen"
 - Press [Machine].
- 2. "Machine Adjust screen"
 - Press [Printer Resist Loop].
- 3. "Printer Resist Adjustment screen"

Select an item to adjust and press [Test Copy].

NOTE

- . When [Batch] is pressed, no test copy is available.
- 4. "Test Copy screen"

With the paper selected set in the tray, press the Start key to output the test pattern (No. 16).

- 5. Press [END].
- 6. Check to see if there occurs no paper skew, wrinkle, or jam at the registration section.
- 7. "Printer Resist Adjustment screen"

Enter a value through the [+]/[-] or numeric keys and press [Setting].

Setting range:

For bypass feed thick paper (large/small), bypass feed thin paper (large/small), bypass feed OHP (large/small), bypass feed envelope and bypass feed label (large/small):

- 16.64 (smaller) to + 16.51 mm (larger)
- 1 step = 0.13 mm

For other than the above:

- Setting range for bizhub 501: 32.00 to + 31.75 mm 1 step = 0.25 mm
- Setting range for bizhub 421: 26.88 to + 26.67 mm 1 step = 0.21 mm
- Setting range for bizhub 361: 26.88 to + 26.67 mm 1 step = 0.21 mm

Press [Restore] to return to the value before change.

- 8. Repeat steps 3 to 7 until it gets within the standard value.
- 9. Press [END].

10.3.5 Bypass Tray Adjustment

Conduct this adjustment when the paper size of the bypass tray is not detected correctly.

A. Procedure

- "Service Mode screen" Press [Machine].
- "Machine Adjust screen"Press [Bypass Tray Adjustment].
- 3. "Bypass Tray Adjustment screen"

Press [Max. Width] to expand the guide plate of the bypass tray to the maximum, and then press the Start key.

- 4. When the adjustment is completed normally, "OK" is displayed in the "Result" area.
- 5. Press [Min. Width] to narrow the guide plate of the bypass tray to the minimum, and then press the Start key.
- 6. When the adjustment is completed normally, "OK" is displayed in the "Result" area.
- 7. Press [Test Copy].
- 8. "Test Copy screen"

Check to see if the size of paper set in the bypass tray is detected correctly and then press [END].

- 9. Repeat steps 3 to 8 when the paper size is not correct.
- 10. Press [END].

10.3.6 Image Position: Leading Edge (Scan Area)

Adjusts the leading edge timing while in the scan in the platen mode.

This adjustment is used to adjust the position at which the read is started in the sub scan direction while the original is being scanned by the exposure unit.

A. Procedure

- "Service Mode screen" Press [Machine].
- "Machine Adjust screen" Press [Scan Area].
- 3. "Scan Area screen"

Press [Image Position: Leading Edge].

- "Scan Area (Image Position: Leading Edge) screen" Press [Test Copy].
- 5. "Test Copy screen"

With the test chart set on the original glass, select A3 (for metric) or 11×17 (for inch) paper and press the Start key.

- 6. Press [OK].
- 7. Check the scanner leading edge position (original glass).
 - Standard value: a. Envelope 0 ± 2.5 mm or less
 - b. Other paper 0 ± 1.5 mm or less
- 8. "Scan Area (Image Position: Leading Edge) screen"

Enter a value through the [+]/[-] or numeric keys and press [Setting].

Setting range: - 2.0 (shorter) to +2.0 mm (longer)

1 step = 0.1 mm

Press [Restore] to return to the value before change.

9. Repeat steps 4 to 8 until it gets within the standard value.

10.3.7 Image Position: Side Edge (Scan Area)

Adjusts the mis-centering of the image in the main scan direction while in the scan in the platen mode.

Note

Be sure that the adjustment of the Print Position: Side Edge has been completed.

(See P.175)

A. Procedure

1. "Service Mode screen"

Press [Machine].

2. "Machine Adjust screen"

Press [Scan Areal.

3. "Scan Area screen"

Press [Image Position: Side Edge].

4. "Scan Area (Image Position: Side Edge) screen"

Press [Test Copy].

5. "Test Copy screen"

With the test chart set on the original glass, select A3 (for metric) or 11×17 (for inch) paper and press the Start key.

- 6. Press [OK].
- 7. Fold the output paper into two at the center in the main scan direction and check it for discrepancy against the center line of the print.

Standard value: 0 ± 1.5 mm or less

8. "Scan Area screen"

Enter a value through the [+]/[-] or numeric keys and press [Setting].

Setting range: - 2.96 (image: to the rear) to + 2.96 mm (image: to the front)

1 step = 0.04 mm

Press [Restore] to return to a value before change.

9. Repeat steps 4 to 8 until it gets within the standard value.

10.3.8 Cross Direction Adjustment (Scan Area)

Adjusts the magnification of the image in the main scan direction while in the scan in the platen mode and in the DF mode.

A. Procedure

1. "Service Mode screen"

Press [Machine].

2. "Machine Adjust screen"

Press [Scan Area].

3. "Scan Area screen"

Press [Cross Direction Adjustment].

4. "Scan Area (Cross Direction Adjustment) screen"

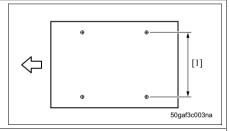
Press [Test Copy].

5. "Test Copy screen"

With the test chart set on the original glass or ADF, select A3 (for metric) or 11 x 17 (for inch) paper and press the Start key.

- 6. Press [OK].
- Measure the magnification in the main scan direction with a scale.

Standard value [1]: \pm 0.5 % or less (200 \pm 1 mm or less)



8. "Scan Area screen"

Enter a value through the [+]/[-] or numeric keys and press [Setting].

Setting range: - 5,0 (smaller) to + 5.0% (larger)

1 step = 0.1%

Press [Restore] to return to the value before change.

9. Repeat steps 4 to 8 until it gets within the standard value.

10. Press [END].

10.3.9 Feed Direction Adjustment (Scan Area)

Adjusts the magnification of the image in the sub scan direction while in the scan on the original glass.

This adjustment is used to change the scan speed of the exposure unit.

A. Procedure

- 1. "Service Mode screen"
 - Press [Machine].
- 2. "Machine Adjust screen"
 - Press [Scan Area].
- 3. "Scan Area screen"

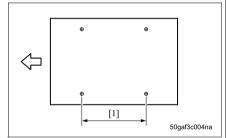
Press [Feed Direction Adjustment].

- "Scan Area (Feed Direction Adjustment) screen" Press [Test Copy].
- 5. "Test Copy screen"

With the test chart set on the original glass, select A3 (for metric) or 11×17 (for inch) paper and press the Start key.

- 6. Press [OK].
- Measure the magnification in the sub scan direction with a scale.

Standard value [1]: \pm 0.5 % or less (200 \pm 1 mm or less)



8. "Scan Area (Feed Direction Adjustment) screen"

Enter a value through the [+]/[-] or numeric keys and press [Setting].

Setting range: - 1.00 (smaller) to + 1.00% (larger)

1 step = 0.05%

Press [Restore] to return to a value before change.

9. Repeat steps 4 to 8 until it gets within the standard value.

10. Press [END].

10.3.10 Lead Edge Erase Adjustment

Adjusts the leading edge erasure amount.

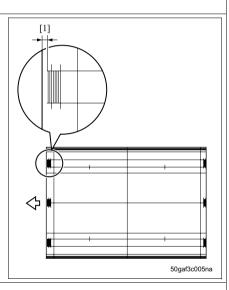
A. Procedure

- 1. "Service Mode screen"
 - Press [Machine].
- 2. "Machine Adjust screen"
- Press [Lead Edge Erase Adjustment].

 3. "Lead Edge Erase Adjustment screen"
 - Press [Test Copy].
- 4. "Test Copy screen"

With A3 (for metric) or 11 x 17 (for inch) paper selected, press the Start key to output the test pattern (No. 16).

- 5. Press [OK].
- Check the printer leading edge erasure amount. Standard value [1]: 3.5 mm or less



- 7. "Lead Edge Erase Adjustment screen"
 - Enter a value through the [+]/[-] or numeric keys and press [Setting].
 - Setting range: 2.0 (erasure: smaller) to + 2.0 mm (erasure: larger)
 - 1 step = 0.1 mm
 - Press [Restore] to return to a value before change.
- 8. Repeat steps 3 to 7 until it gets within the standard value.
- 9. Press [END].

10.3.11 Non-Image Area Erase Check

When installing this machine, or when moving its installation location, check to see if the non-image area erase check mechanism of the copy applied setting operates correctly in its installation location, and adjust automatically the sensitivity with which the non-image area is detected.

Pre-arrangements:

- · Open DF fully to the limit.
- · Avoid putting anything on the original glass.
- · Clean the original glass.

A. Procedure

- "Service Mode screen" Press [Machine].
- 2. "Machine Adjust screen"

Press [Non-Image Area Erase Check].

3. "Non-Image Area Erase Check screen"

Press the Start kev.

- 4. Check to see if "OK" is displayed.
- 5. Press [OK].

When anything other than "OK" is displayed, see "B. Problems and their countermeasures" to check again the non-image area erase setting.

B. Problems and their countermeasures

When a problem is detected by checking the non-image area erase check, an error number is displayed as shown below.

(1) Error 1

Countermeasure - 1

When the non-image area erase function is not used very frequently, or when copy originals that have a dark background are not copied very frequently in non-image area erase, the copier can be used in the current installation location. However, when copy originals that have a dark background are frequently copied, install the copier in a location where less external light gets in (darker) than the present location, and check the non-image area erase check mode again.

(2) Error 2

Countermeasure - 2

When the non-image area erase function is not used very frequently, the copier can be used in the current installation location. However, if the non-image area erase function is frequently used, install the copier in a location where less external light gets in (darker) than the present location, and check the non-image area erase check mode again. At this time, when there is a bright light source such as a fluorescent light installed directly above the copier, reconsider the installation location, or take some measures to shield the light source and check the mode again.

10.4 Imaging Process Adjustment

10.4.1 Charging Main Manual Adj.

Do not conduct this adjustment in the field.

10.4.2 Transfer Manual Adj.

Do not conduct this adjustment in the field.

10.4.3 Separation (AC) Manual Adj.

Do not conduct this adjustment in the field.

10.4.4 Separation (DC) Manual Adj.

Do not conduct this adjustment in the field.

10.4.5 Grid Charging Manual Adj.

Do not conduct this adjustment in the field.

10.4.6 Bias Voltage Manual Adj.

Do not conduct this adjustment in the field.

10.4.7 TCR Adjustment

When changing developer, conduct this adjustment before starting the copy operation. The developer counter is automatically reset.

Note

 When changing developer, be sure not to conduct the copy operation before completion of the TCR adjustment.

A. Procedure

1. "Service Mode screen"

Press [Imaging Process Adjustment].

2. "Process screen"

Press [TCR Adjustment].

3. "TCR Adjustment screen"

Press the Start key.

4. Check to see if "OK is displayed, and also check the TCR adjustment data value.

NOTE

- . The adjustment is completed in about 180 seconds.
- When there occurs a TCR adjustment error due to the developer agitating operation not completed successfully, the message "operating ..." disappears and an error code is displayed.

(See P.327)

5. Press [OK].

10.4.8 Toner Auto Supply

Since this is normally conducted automatically, do not conduct this adjustment in the field.

10.4.9 Toner Density Adjustment

This adjustment can be used to increase and/or decrease the toner density of developer.

Use this adjustment when an image fogging occurs due to the increased toner density of developer and you want to decrease the toner density.

A. Procedure

1. "Service Mode screen"

Press [Imaging Process Adjustment].

2. "Process screen"

Press [Toner Density Adjustment].

3. "Toner Density Adjustment screen"

Enter a value through the [+]/[-] or numeric keys.

Setting range: -2 (toner density reduced) to +2 (toner density increased)

1 step = 1

NOTE

- The set value is a value relative to the present set value. When the set value is set to "0," this returns the toner density back to the normal level.
- 4. Press the Start key.
- While in the adjustment, a message "operating ..." is displayed. And after completion of the adjustment, it disappears.

NOTE

- . The toner density is automatically adjusted according to a value set.
- When an error code is displayed while in the toner density adjustment, be sure to check the
 expected defective parts given in the error code list and then conduct again the toner density
 adjustment.

(See P.327)

6. Press [OK].

10.4.10 Laser Diameter Adjustment

The MPC value can be corrected by entering a set value to change the image density (dot diameter).

Major cases in which this adjustment is used.

- When you want to change the image density.
- When replacing the write unit or TCSB (toner control sensor board), or when cleaning the dust proof glass.

A. Procedure

1. "Service Mode screen"

Press [Imaging Process Adjustment].

2. "Process screen"

Press [Laser Diameter Adjustment].

3. "Laser Diameter Adjustment screen"

Enter a value through the [+]/[-] or numeric keys and press [Setting].

Setting range: -3 (thinner) to +3 (denser)

1 step = 1

NOTE

- When an adjustment is made in the denser direction, this increases the dot diameter with the toner consumption also increased.
- 4. Press the Start key.
- While in the adjustment, a message "operating ..." is displayed. And after completion of the adjustment, it disappears.
- 6. Press [OK].

10.4.11 LD1 Offset Adi. / LD2 Offset Adi.

Adjusts the 2 laser beam amount (LD1/LD2) equally.

Be sure to make this adjustment when replacing the write unit, drum and developer.

Note

Make sure that the TCR adjustment, the toner density adjustment and the dot diameter adjustment have been completed.

A. Procedure

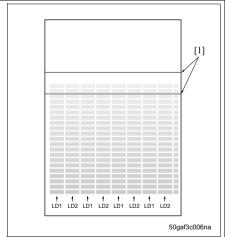
- "Service Mode screen"
 Press [Imaging Process Adjustment].
- 2. "Process screen"

With an item displayed by [↑]/[↓], press "LD1 Offset Adj." / "LD2 Offset Adj.".

- "LD1 Offset Adj. screen" / "LD2 Offset Adj. screen"
 Select "Normal Paper" or "Thick Paper" and press [Test Copy].
- "Test Copy screen"
 With corresponding A3 (for metric) or 11 x 17 (for inch) paper set, press the Start key to output the test pattern.
- 5. Press [END].
- 6. Check the test pattern.

Standard value: Check to see if the density of the image patterns created by LD1/LD2 is the same, and if the starts of the patterns in the high-lighted section are aligned between the 2 reference lines [1] (± 1 gap is OK).

[1] Reference lines



7. "LD1 Offset Adj. screen" / "LD2 Offset Adj. screen"

When outside the standard value, enter a value through the [+]/[-] or numeric keys and press [Setting]. Setting range: – 128 (thinner) to + 127 (denser)

- 1 step = 1 (Pressing the button for a long period allows the value to be changed in increments of 10 steps.)
- 8. Repeat steps 2 to 7 until it gets inside the standard value.
- 9. Press [OK].

10.4.12 LD1 Bias Adj. / LD2 Bias Adj.

Do not conduct this adjustment in the field.

10.5 System 1

10.5.1 Marketing Area

Sets the marketing area of the main body and the fax.

· Marketing area of the main body:

By setting the marketing area, the definition of the original detection size and the paper size will be changed. And the selectable languages in "Marketing Area screen" varies according to the marketing area of the firmware.

Japan	US	Europe	Other1	Other2	Other3	Other4
Japan	America	Europe	Saudi Arabia /	Asia-Pacific	China	Taiwan
			Brazil			

Fax Target:

US (America), CA (Canada), JP (Japan), AU (Australia), NZ (New Zealand), EU (Europe), DE (Germany), GB (England), FR (France), CH (Switzerland), NL (Netherlands), BE (Belgium), AT (Austria), NO (Norway), SE (Sweden), FI (Finland), IE (Ireland), DK (Denmark), IT (Italy), ES (Spain), PT (Portuguese), PL (Poland), ZA (South Africa), TW (Taiwan), SA (Saudi Arabia), CN (China), MY (Malaysia), SG (Singapore), KR (Korea), HK (Hong Kong), BR (Brazil), AR (Argentine), OT (General)

A. Procedure

- 1. "Service Mode screen"
 - Press [System 1].
- "System Input screen" Press [Marketing Area].
- 3. "Marketing Area screen"

Press [Japan] to [Other 4] to select a marketing area.

- When no FK-502 is provided, press [END] to complete the marketing area.
 When FK-502 is provided, press [Fax Target].
- "Fax Target screen"
 Select the marketing area of the fax by [+]/[-].
- 6. Press [END] for registration.
- 7. "Marketing Area screen"

Press [END] to complete the marketing area.

10.5.2 Tel/Fax Number

Sets the telephone number and the fax number of the service station that are displayed on the screen when a service call occurs.

These telephone and fax numbers are also displayed as the service center contact of the basic screen help of the user screen.

A. Procedure

- 1. "Service Mode screen"
 - Press [System 1].
- 2. "System Input screen"
 - Press [Tel/Fax Number].
- 3. "Service Telephone/Fax Number Setting"
 - Press [TEL] or [FAX].
- 4. Enter the telephone number or fax number through the copy count setting key.
- 5. When setting both the telephone number and the fax number, repeat steps 3 to 4.
- 6. Press [END].

NOTE

. Pressing the Clear key erases all the figures of the items selected.

10.5.3 Serial Number

Sets and displays the serial numbers of the main body and the optional devices.

↑ Caution

Be absolutely sure not to change the serial numbers of the main body set when installing them.
 Otherwise, a fusing temperature abnormality may result.

A. Procedure

- 1. "Service Mode screen"
 - Press [System 1].
- 2. "System Input screen"
 - Press [Serial Number].
 - A serial number that is registered is displayed.
- 3. "Serial Number Input screen"
 - Press a device to be registered: [Printer (Body)], [Option Tray], [LCT], [Finisher], [Fax #1], [Fax #2], [Punch Kit], [Suddle Kit], [Mail Bin Kit].
- 4. "Soft Keyboard screen"
 - Enter a serial number through the alphabet and numeric keys.
- 5. Press [OK].
- 6. Repeat steps 3 to 5 to enter the serial number of each device.
- 7. Press [OK].

10.5.4 Trouble Isolation

When each function (device) is in trouble, isolating a trouble allows the limited use of this machine.

A. Procedure

1. "Service Mode screen"

Press [System 1].

2. "System Input screen"

Press [Trouble Isolation].

3. "Trouble Isolation screen"

Press [1] or [2] to display an item and set the isolation by [Set] or [Unset] of each item.

4. Press [END].

10.5.5 No Sleep

Sets the availability/unavailability of the sleep while in the administrator mode.

A. Procedure

1. "Service Mode screen"

Press [System 1].

2. "System Input screen"

Press [No Sleep].

3. "No Sleep screen"

Set the availability/unavailability of the sleep by [Permit] or [Prohibit].

4. Press [END].

10.5.6 Foolscap Size Setting

Sets the Foolscap size.

A. Procedure

1. "Service Mode screen"

Press [System 1].

2. "System Input screen"

Press [Foolscap Size Setting].

3. "Foolscap Size Setting screen"

Press [8½ x 13], [8¼ x 13], [8½ x 13¼] or [8 x 13] to set a Foolscap size.

4. Press [END].

10.5.7 Original Size Detection

Sets the detection size of the original size on the original glass and ADF.

A. Procedure

"Service Mode screen"
 Press [System 1].

2. "System Input screen"

Press [Original Size Detection].

- 3. Press [Original Glass Original Size Detect] of the menu.
- 4. "Original Glass Original Size Detect screen"

Press one of the 4 types to set a size series to be detected on the original glass.

- 5. Press [ADF Original Size Detect] of the menu.
- 6. "ADF Original Size Detect screen"

Press one of the 4 types to set a size series to be detected on ADF.

- 7. Press [Original Glass Small Size Detect] of the menu.
- 8. "Original Glass Small Size Detect screen"

Press either [Detected Size] or [A4S / $8\frac{1}{2}$ x 11S] to set the minimum size to be detected on the original glass.

9. Press [OK].

10.5.8 Detected Size Setting

Sets the size detection of the bypass tray and those other than the bypass tray in B series or K size (8K/16K size).

A. Procedure

- 1. "Service Mode screen"
 - Press [System 1].
- 2. "System Input screen"

Press [Detected Size Setting].

3. "8K/16K Select screen"

Press [B series] or [K size] to set the size series to be detected.

4. Press [END].

10.5.9 Install Date

Sets the start date of the total counter.

A. Procedure

1.	"Service Mode screen"
	Press [System 1].
2.	"System Input screen"
	Press [Install Date].
3.	"Install Date screen"
	Press Year (4 digits), Month (2 digits), Day (2 digits) with the copy count setting key and press [Entry].
4.	Check the display "The present contents of a setting" to see if it is replaced with a set value that has been
	input.

10.5.10 Initialization

5. Press [END].

Initializes the setting/adjustment data controlled in non-volatile memory to the value set when shipped from the factory.

Data that can be initialized are as follows.

Data classification	Data
Utility/Administrator Setting Data	Job Memory Setting Data
	FAX Setting Data
	Network Setting Data
Destination Storage Data	
CS Remote Care Setting Data	
Service Mode Setting (Adj.) Data	Image Process Adj. Data
	Machine and ADF Adjustment Data
Counter Data	Drum Counter
	Fixing Counter
All History Data	

A. Procedure

- 1. "Service Mode screen"
 - Press [System 1].
- "System Input screen" Press [Initialization].
- 3. "Initialize screen"

Press either one of the data items in the data classification.

"Utility / Administrator Setting Data" / "Destination Storage Data" / "CS Remote Care Setting Data" / "Service Mode Setting (Adj.) Data" / "Counter Data" / "All History Data"

Select a data to initialize.

Pressing [All Select] selects all the data items in the data classification.

- 5. Pressing the Start key initializes the data selected of the data classification selected.
- 6. When initializing the data of each classification, repeat steps 3 to 5.
- 7. Press [OK].

10.5.11 Machine State LED Setting

Functions	To set how to display main body statuses on the machine state LED.				
Use	Type1 and Type2 has the following LED display forms.				
	Ma	chine State LED Setting	Type1	Type2	
		Attention Toner supply door open Improper toner cartridge placement	Blinking	Blinking	
	Warning statuses	Near life	Blinking	Unlit	
		Alert code	Unlit	Unlit	
		Trouble isolation	Blinking	Blinking	
		Fatal error Trouble code Jam Door opened	Lit	Lit	
		Exit tray full	Lit	Lit	
Setting/	Each default setting is Type1.				
Procedure	"Type 1" Type 2				

10.6 Counter

10.6.1 Display of the Counter

Displays the following data held by this machine on the touch panel.

The counter can be also checked by the output list, CSRemoteCare.

- Total Service
- Fax Communication Error
- Mode
- ADF Counter
- Service call
- JAM
- · Present parts life
- · Optional parts life
- PM
- Reuse
- Fach size
- Paper Jam History
- · Jam counter history
- Time series trouble (SC)
- Each section trouble (SC)

A. Procedure

1. "Service Mode screen"

Press [Counter].

2. "Counter screen"

Press a counter item you want to check.

The counter spread over 2 pages. The displayed page can be switched over by $\lceil \uparrow \rceil$ or $\lceil \downarrow \rceil$.

3. Each "Counter screen"

When there are two or more pages of items, the page can be switched over by $[\uparrow]$ or $[\downarrow]$.

NOTE

 For the individual data check screens of "JAM Counter History" and "Each Section Trouble (SC)," [Clear Counter] is displayed.

Pressing [Clear Counter] displays "Clear Counter Check screen" and pressing [Yes] clears the block data. Pressing [No] returns to the previous screen with no block data cleared. While in the visit to the user for the PM execution, clear these data to check the JAM and SC counts that have occurred since the previous visit.

4. Press [OK].

B. Total Service

Displays the total copy count printed in the service mode and the user mode.

Note

• The maximum count is 99,999,999.

No.	CSRC parameter	Item collected	Count condition
1	_	Total Service	Number of paper printed and exited in the single and double sided copy modes.
2	_	Total Service (2-Sides)	Of the above, the number of paper printed and exited in the double sided print mode.

C. FAX Communication Error

Displays the number of errors that occurred while in sending and receiving FAX with errors while in sending separated from those while in receiving.

Note

• The maximum count is 999,999.

١	No.	CSRC parameter	Item collected	Count condition	
	1	_	FAX TX Error	Number of errors that occurred while in the FAX sending.	
	2	– FAX RX Error		Number of error that occurred while in the FAX receiving.	

D. Mode

Displays the use condition for each of the modes used by the copier/scanner/printer/FAX.

Note

• The maximum count is 99,999,999.

No.	CSRC parameter	Item	Count condition
	(F1)		
1	01	No. of Prints in Half-Fold Mode	1 count made while in the folding exit.
2	02	No. of Prints in Center Staple Mode	1 count made while in the stitch-and-fold exit.
3	05	No. of Staples 1	1 count for 1 staple when stapling in the 1-staple mode.
4	06	No. of Staples 2	1 count for 1 staple when stapling in the 2-staple mode.
5	07	No. of Punches	1 count made while in the punch.
6	08	BOX Housing: Copy – Proof Print	1 count for each completion of a job.

No.	CSRC parameter	Item	Count condition
	(F1)		
7	09	BOX Housing: Copy – BOX Hold	1 count for each completion of a job.
8	0A	BOX Housing: Print – Proof Print	
9	0B	BOX Housing: Print – BOX Hold	
10	0C	BOX Housing: Print	
		- Classified Document	
11	0D	BOX Housing: Scanner - BOX Hold	
12	0F	BOX Housing: FAX RX	
		- Distribute by F-Code	
13	10	BOX Housing: FAX RX – Distribute by TSI	
14	11	BOX Housing: FAX RX – BOX Hold	1 count for each completion of a job. F
			code and other than TSI.
15	12	Output from Box: Copy Image - Print	1 count for each completion of a job.
			Except for the print for checking.
16	13	Output from Box: Copy Image	1 count for each completion of a job.
		– E-Mail TX	
17	14	Output from Box: Copy Image – FTP TX	
18	15	Output from Box: Copy Image – SMB TX	
19	16	Output from Box: Print Image	1 count for each completion of a job.
		- Print (Except Proof Print)	Except for the print for checking.
20	17	Output from Box: Print Image – E-Mail TX	1 count for each completion of a job
21	18	Output from Box: Print Image – FTP TX	
22	19	Output from Box: Print Image – SMB TX	
23	1A	Output from Box: Scan Image - Print	1 count for each completion of a job.
		(Except Proof Print)	Except for the print for checking.
24	1B	Output from Box: Scan Image	1 count for each completion of a job
		– E-Mail TX	
25	1C	Output from Box: Scan Image – FTP TX	
26	1D	Output from Box: Scan Image – SMB TX	
27	1E	Output from Box: FAX Scan Image	1 count for each completion of a job.
		- Print (Except Proof Print)	Except for the print for checking.
28	1F	Output from Box: FAX Scan Image	1 count for each completion of a job
		– FAX/IFAX TX	
29	20	Output from Box: FAX Scan Image	
	_	– E-Mail/IFAX TX	
30	21	Output from Box: FAX RX Image – Print	1 count for each completion of a job.
6:	6.5	(Except Proof Print)	Except for the print for checking.
31	22	Output from Box: FAX RX Image	1 count for each completion of a job
00	60	- FAX TX	
32	23	Output from Box: FAX RX Image – E-Mail/IFAX TX	
		- E-IVIAII/IFAA IA	

E. ADF Counter

Displays the number of the paper through by modes of ADF.

Note

- The maximum count is 99,999,999.
- . 1 count for the single sided copy and 2 counts for the double sided copy.

No.	CSRC parameter	Item	Remarks
	(F0)		
1	00	N of originals fed in ADF mode	
2	01	N of originals fed in RADF mode	
3	02	N of originals fed in RDH mode	No count is made with "0" at all times.
4	03	N of originals fed in RRDH mode	No count is made with "0" at all times.
5	07	N of originals fed in mixed original ADF mode	
6	08	N of originals fed in mixed original RADF mode	
7	OA	N of 1-sided Z-Fold original fed	
8	0B	N of 2-sided Z-Fold original fed	
9	0C	N of 2 sided SDF original fed	No count is made with "0" at all times.

F. Service Call

Displays troubles that have occurred for each SC.

Note

- The maximum count is 9,999.
- . The block trouble count is not available for CSRC.
- When the service mode DipSW3-1 is set to "1" (latched), SC34, 35 and 36 make no count.

No.	CSRC	SC cord	
	parameter		
	(EO)		
001	00	02	01
002	01	02	02
003	02	02	03
004	03	02	04
005	04	02	05
006	05	02	06
007	06	02	07
800	07	03	01
009	08	10	01
010	09	10	02
011	0A	10	03
012	0B	11	01
013	0C	11	02
014	0D	11	03
015	0E	11	04
016	OF	11	05
017	10	11	06

No.	CSRC	SC	cord
	parameter		
	(E0)		
018	11	11	07
019	12	11	08
020	13	11	09
021	14	11	10
022	15	11	11
023	16	11	12
024	17	11	13
025	18	11	14
026	19	11	15
027	1A	11	16
028	1B	11	17
029	1C	11	18
030	1D	11	19
031	1E	11	20
032	1F	11	21
033	20	20	01
034	21	22	01

No.	CSRC	SC cord	
	parameter		
	(E0)		
035	22	22	02
036	23	23	01
037	24	23	02
038	25	23	03
039	26	24	01
040	27	24	02
041	28	24	03
042	29	27	01
043	2A	27	02
044	2B	27	03
045	2C	28	01
046	2D	28	02
047	2E	28	03
048	2F	28	04
049	30	32	01
050	31	33	01
051	32	33	02

SERVICE MODE				
No.	CSRC	SC /	oord	
INO.	parameter	SC cord		
	(E0)			
052	33	35	01	
053	34	35	02	
054	35	37	01	
055	36	38	01	
056	37	38	02	
057	38	38	03	
058	39	38	04	
059	ЗА	38	05	
060	3B	38	06	
061	3C	38	07	
062	3D	38	08	
063	3E	39	01	
064	3F	39	02	
065	40	39	03	
066	41	39	04	
067	42	40	01	
068	43	41	01	
069	44	44	01	
070	45	47	01	
071	46	50	01	
072	47	50	02	
073	48	50	03	
074	4A	53	01	
075	4B	53	02	
076	4C	53	03	
077	4D	54	01	
078	4E	54	02	
079	4F	60	01	
080	50	60	02	
081	51	60	03	
082	52	61	01	
083	53	62	01	
084	54	67	01	
085	55	67	02	
086	56	80	01	
087	57	83	01	
088	58	B0	01	
089	59	B0	02	
090	5A	B0	03	
091	5B	B1	10	
092	5C	B1	11	

No.	CSRC parameter (E0)	SC cord	
093	5D	B1	12
094	5E	B1	13
095	5F	B1	14
096	60	B1	15
097	61	B1	16
098	62	B1	17
099	63	B1	18
100	64	B1	19
101	65	B1	20
102	66	B1	22
103	67	B1	23
104	68	B1	25
105	69	B1	26
106	6A	B1	27
107	6B	B1	28
108	6C	B1	29
109	6D	B1	30
110	6E	B1	31
111	6F	B1	32
112	70	B1	33
113	71	B1	34
114	72	B1	35
115	73	B1	36
116	74	B1	37
117	75	B1	40
118	76	B1	41
119	77	B1	42
120	78	B1	43
121	79	B1	44
122	7A	B1	45
123	7B	B1	46
124	7C	B1	50
125	7D	B1	51
126	7E	B1	52
127	7F	B1	53
128	80	B1	54
129	81	B1	60
130	82	B1	61
131	83	B1	62
132	84	B1	63
133	85	B1	64

No.	CSRC	SC (cord
	parameter		
404	(E0)	D.1	0.5
134	86	B1	65
135	87	B1	66
136	88	B1	67
137	89	B1	68
138	8A	B1	69
139	8B	B1	70
140	8C	B1	71
141	8D	B1	72
142	8E	B1	73
143	8F	B1	74
144	90	B1	75
145	91	B1	76
146	92	B1	77
147	93	B1	78
148	94	B1	80
149	95	B1	81
150	96	B1	82
151	97	B1	83
152	98	B1	84
153	99	B1	85
154	9A	B1	86
155	9B	B1	87
156	9C	B1	88
157	9D	C1	03
158	9E	C1	81
159	9F	C1	82
160	A0	C1	83
161	A1	C2	84
162	A2	C2	85
163	A3	C2	86
164	A4	C2	87
165	A5	C2	88
166	E5	C2	89
167	A6	D0	01
168	A7	D0	02
169	A8	D2	01
170	E4	D2	02
171	A9	D2	03
172	AA	D2	81
173	AB	D2	82
174	E6	D3	01
	l		

No.	CSRC parameter (E0)	SC	cord
175	(E0) E7	D3	02
176	EA	D3	03
177	E8	D4	01
178	E9	D5	01
179	AC	E0	01
180	AD	EO	02
181	AE	E0	03
182	AF	E0	04
183	В0	E0	05
184	B1	E0	06
185	B2	E0	07
186	В3	E0	81
187	B4	E0	82
188	B5	E0	83
189	B6	E0	84
190	B7	E0	85
191	B8	E0	86
192	B9	E0	87
193	BA	E0	88
194	BB	E0	89

No.	CSRC	SC (cord
	parameter		
	(EO)		
195	BC	E0	8A
196	BD	E0	8B
197	BE	E0	8C
198	BF	E0	8D
199	C0	E0	8E
200	C1	E0	8F
201	C2	E0	90
202	C3	E0	91
203	C4	E0	92
204	C5	E0	93
205	C6	E0	94
206	C7	E0	95
207	C8	E0	96
208	C9	E0	97
209	CA	E0	98
210	CB	E0	99
211	CC	E0	9A
212	CD	E0	9B
213	CE	E0	9C
214	CF	E0	9D

No.	CSRC	SC (cord
	parameter		
	(E0)		
215	D0	E0	9E
216	D1	E0	9F
217	D2	E0	A0
218	D3	E0	A1
219	D4	E0	A2
220	D5	E0	АЗ
221	D6	E0	A4
222	D7	E0	A5
223	D8	E0	A6
224	D9	E0	A7
225	DA	E0	A8
226	DB	E0	A9
227	DC	E0	AA
228	DD	E0	AB
229	DE	E0	AC
230	DF	E0	AD
231	E0	E0	AE
232	E1	E0	AF
233	E2	E0	B0
234	E3	E0	B1

G. Time Series Trouble (SC)

For the latest 50 SC's, displays the SC code of cause, the total count, the date of occurrence, the time of occurrence, and the firmware version.

Note

• Press the corresponding SC item to display a firmware version.

H. JAM Counter History

Displays the number of occurrences for each jam code. (Except for stationary jams)

Note

- The maximum count is 999,999.
- The jam code is a code that is displayed when DipSW10-7 is set at "1."

No.	CSRC	Jam cord	
	parameter (J0)	Upper	Lower
01	00	10	0
02	01	11	0
03	02	12	0
04	03	12	1
05	04	13	0
06	05	13	1

No.	CSRC	Jam cord	
	parameter	Upper	Lower
	(JO)		
07	06	13	2
08	07	13	5
09	08	13	6
10	09	13	7
11	0A	13	8
12	0B	13	9

No.	CSRC	Jam cord	
	parameter	Upper	Lower
	(JO)		
13	0C	13	11
14	0D	14	0
15	0E	14	1
16	OF	15	0
17	10	15	1
18	11	20	1

No.	CSRC	Jam cord	
	parameter (J0)	Upper	Lower
19	12	20	2
20	13	20	3
21	14	20	4
22	15	20	5
23	16	20	6
24	17	20	7
25	18	20	8
26	19	20	9
27	1A	20	10
28	1B	30	0
29	1C	31	0
30	1D	32	0
31	1E	33	0
32	1F	34	0
33	20	50	1
34	21	60	1
35	22	60	2
36	23	61	1
37	24	61	2
38	25	61	3
39	26	61	4
40	27	61	5
41	28	61	6

No.	CSRC	Jam	cord
	parameter	Upper	Lower
	(JO)		
42	29	61	7
43	2A	61	8
44	2B	62	1
45	2C	62	2
46	2D	62	3
47	2E	62	4
48	2F	62	5
49	30	62	6
50	31	62	7
51	32	62	8
52	33	63	1
53	34	63	2
54	35	63	3
55	36	63	4
56	37	63	5
57	38	63	6
58	39	63	7
59	ЗА	63	8
60	3B	66	1
61	3C	66	2
62	3D	66	3
63	3E	66	4
64	3F	66	5

No.	CSRC	Jam	cord
	parameter	Upper	Lower
	(JO)		
65	40	66	6
66	41	66	7
67	42	66	8
68	43	72	16
69	51	72	1
70	52	72	2
71	53	72	3
72	54	72	4
73	55	72	5
74	44	72	17
75	45	72	18
76	46	72	21
77	47	72	25
78	48	72	43
79	49	72	81
80	4A	72	82
81	4B	72	84
82	4C	72	85
83	4D	72	90
84	4E	97	1
85	4F	97	2
86	50	97	3

I. Paper Jam History

For the latest 100 jams, displays JAM code, Total Count, Date of Occurrence, Paper Tray, Paper Size, and Zoom.

J. Reuse

Displays the accumulated hours of the parts and the number of occurrences of the job that uses the parts.

Note

• The maximum count is 99,999,999.

No.	CSRC parameter	Item	Count condition	
	(F5)			
1	00	Power condition /1 (Total Power ON	1 count for 1 minute.	
		time)		
2	01	Power condition /2 (EN-5V ON time)	1 count for 1 minute.	
3	02	Low power mode time	1 count for 1 minute.	

No.	CSRC parameter	Item	Count condition
	(F5)		
4	03	WUP time	Accumulated hours during which the fusing heater turns on in the warm-up condition. 1 count for 1 second.
5	04	Print operating time (single sided mode)	Accumulated hours from start to stop of the print. 1 count for 1 second (not including the time period during which the counter stops due to a jam).
6	05	Print operating time (double sided mode)	Accumulated hours from start to stop of the print. 1 count for 1 second (not including the time period during which the counter stops due to a jam).
7	06	Correction operation count	Number of counts the image stabilization control (the fusing temperature lower than 50 °C) is executed. 1 count for each execution.
8	07	APS sensor ON time	Accumulated hours during which the APS sensor turns ON. 1 count for 1 second.
9	08	Platen scan count	Counts the number of occasions in which the scan is made in the platen mode.
10	09	The number of occurrences of the stop due to toner running out.	Counts the number of occasions in which the system stops due to no toner.
11	OA	Polygon stop operation time	
12	0B	The number of occurrences of the Main Power OFF	Counts the number of NMI's.
13	0C	The number of occurrences of the feed door closed	1 count is made each time the feed door is closed.
14	0D	The number of starting all print jobs	
15	0E	Tray 1 paper feed count	1 count is made when paper is fed from the tray 1 each time 1 sheet of paper is exited.
16	OF	Tray 2 paper feed count	1 count is made when paper is fed from the tray 2 each time 1 sheet of paper is exited.
17	10	Tray 3 paper feed count	1 count is made when paper is fed from the tray 3 each time 1 sheet of paper is exited.
18	11	Tray 4 paper feed count	1 count is made when paper is fed from the tray 4 each time 1 sheet of paper is exited.
19	12	The number of prints made by selecting the bypass paper feed tray	1 count is made when paper is fed from the bypass tray each time 1 sheet of paper is exited.

No.	CSRC parameter	Item	Count condition
	(F5)		
20	13	The number of prints made by selecting	1 count is made when paper is fed
		the LCT paper feed tray	from LCT each time 1 sheet of paper is
			exited.

K. Each Size

Displays the number of print of each paper size.

Note

- The maximum count is 99,999,999.
- 1 count each time paper is exited (0 count for a blank sheet and 2 counts for the double sided print).

No.	CSRC parameter	Paper size	Remarks
1	00	Others	Not used
2	01	A3	
3	02	A4	
4	03	A5	
5	04	A6	
6	05	B4	
7	06	B5	
8	07	B6	
9	08	12 x 18	Not used
10	09	11 x 17	
11	0A	8½ x 14	
12	0B	8½ x 11	
13	0C	71/4 x 101/2	Not used
14	0D	5½ x 8½	
15	0E	Foolscap	
16	OF	Post card	
17	10	4 x 6	Not used
18	11	8K	
19	12	16K	
20	13	Long Length	Not used

10.6.2 Present Parts Life

Displays the counter of an intended part.

And, when replacing an intended part, the counter of the replaced part is reset to manage the service history.

A. Procedure for the display/reset

- "Service Mode screen"
 Press [Counter].
- 2. "Counter/Data screen"

Press [Present Parts Life].

3. "Parts Counter (Fixed) screen"

Press $[\uparrow]/[\downarrow]$ to check the counter or display a part to be reset.

4. "Parts Counter (Fixed) screen"

Check the count value of an intended part.

When resetting it, press a part to be reset and then press the Clear key.

5. Press [OK].

B. Fixed parts counter list

				+
No.	CSRC	Unit	Parts name	Parts No.
	parameter			
	(Z1)			
1	00	DC (including charge unit)	Drum	_
2	01		Cleaning blade assy	50GA-209
3	02		Drum unit (including charge unit)	50GA-200
4	03	Transfer/separation section	Transfer/separation unit	50GA-260
5	04	Developing unit	Developer	_
6	05		Developing unit	50GA-300
7	06	Main body	Filter mounting plate assy	50GA-336
8	07		Ozon filter	50GA1031
9	08		Suction filter /A assy	40LA-318
10	09		Filter cover assy	50GA-314
11	0A		Suction cover /2 assy	50GA-311
12	0B	Paper feed unit	Tray 1 pick-up roller	40303005
13	0C		Tray 1 paper feed roller	40303005
14	0D		Tray 1 separation roller	40300151
15	0E		Tray 2 pick-up roller	40303005
16	OF		Tray 2 paper feed roller	40303005
17	10		Tray 2 separation roller	40300151
18	11	Bypass unit	Bypass paper feed roller	41313001
19	12		Bypass separation roller	40340151
20	13	Registration section	Paper feed connection roller	50GA3865
21	14		Registration roller /A	50GA3848
22	15		Registration bearing /1	26NA4536
23	16		Registration bearing /2	26NA4537
24	17		Paper feed slide bearing	26NA4082

No.	CSRC	Unit	Parts name	Parts No.
	parameter			
0.5	(Z1)			50045000
25	18	Fusing unit	Fusing roller	50GA5303
26	19		Fusing pressure roller	50GA5304
27	1A		Fusing cleaner assy	50GA-540
28	1B		Heat insulating sleeve /A	26NA5372
29	1C		Fusing bearing /Up	26NA5371
30	1D		Fusing bearing /Lw	50GA5359
31	1E		Fusing sensor assy	50GA-544
32	1F		Fuse holder assy	26NA-535
33	20		Fusing claw assy	50GA-533
34	21		Fusing driven roller A assy	40400326
35	22		Fusing driven roller B assy	40400328
36	31		Fusing input gear assy	50GA-546
37	23	Reverse unit	Paper exit suction filter	50GA4406
38	24	Write unit	Write unit	50GA-650
39	25	LU-203	Pick-up rubber	40LA4009
40	26		Paper feed rubber	26NA4011
41	27		Separation rubber	26NA4012
42	28	DF-613	Pick-up roller	16EA56020
43	29		Paper feed roller	45823014
44	2A		Separation roller	45823047
45	2B	PC-206 (tray 3/tray 4)	Tray 3 pick-up roller	40303005
46	2C	PC-407 (tray 3 only)	Tray 3 paper feed roller	40303005
47	2D		Tray 3 separation roller	40300151
48	2E		Tray 4 pick-up roller	40303005
49	2F		Tray 4 paper feed roller	40303005
50	30		Tray 4 separation roller	40300151
			, , , , , , ,	1

10.6.3 PM

Sets the PM execution cycle or resets the PM counter.

Note

. The PM cycle setting has been input in advance and be sure not to change this setting normally.

A. Procedure for the counter reset

- 7. "Service Mode screen"
 Press [Counter].

 2. "Counter/Data screen"
 Press [PM].

 3. "PM Counter screen"
- Check the PM counter.
- When resetting it, press the Clear key.
- 4. Press [OK].

B. Procedure for the cycle setting

- "Service Mode screen"
 Press [Counter].

 "Counter/Data screen"
- Press [PM].
 3. "PM Counter screen"
- Enter a PM cycle value (1 to 999999) through the copy count setting button and press [Set].
- 4. Press [OK].

10.7 State Confirmation

10.7.1 Sensor Check

This machine is provided with an input/output check function as a self-diagnostic function. For the sensor check (input check), the state confirmation of each signal can be made.

A. Procedure

- "Service Mode screen"
 Press [State Confirmation].
- "State Confirmation screen" Press [Sensor check].
- 3. "Sensor Check screen"

Press [Check Code] and, when entering the sensor check code in 3 digit through the copy count setting button, a state (ON/OFF or value) is displayed in the Result area.

- For the multi mode, press [Multi Code] and enter a three-digit multi code through the copy count setting key.
- 5. When conducting the sensor check of other signal sources, repeat steps 3 to 4.

B. List of sensors

L		<i>a</i> >			Display and	I signal source
Classification	Code	Multi code	Symbol	Name	ON	OFF
la l	0	0	TCRS	Drum temperature	0 to 255 *1	1
Analog signal	1	0	TCRS	TCR sensor		
alog	2	0	TCRS	TCR sensor		
A	3	0	TH1	Thermistor /1		
	4	0	TH2	Thermistor /2		
	5	0	IDCS	IDC sensor		
	6	0	HUMS	Humidity sensor		
	7	0	VR1	Paper size VR/BP (bypass)		
eq	10	1	PS18	paper empty sensor /BP (bypass)	No paper	Paper
Paper feed		2	PS23	Lift sensor (bypass)	Up position	Down position
Заре		3	_	Connect detection signal (bypass)	Connection	Non-connection
_		4	PS19	Paper size sensor /BP1 (bypass)	Paper	No paper
		5	PS20	Paper size sensor /BP2 (bypass)		
		6	PS21	Paper size sensor /BP3 (bypass)		
		7	PS22	Paper size sensor /BP4 (bypass)		
	11	1	PS5	Paper empty sensor /1	No paper	Paper
		2	PS9	Near-empty sensor /1	Near-empty	Non-near-empty
		3	PS6	Upper limit sensor /1	Upper limit	Not at upper limit
		4	PS8	Tray set sensor /1	Set	Not set
		5	PS10	Paper size sensor /Rr1	*2	•
		6	PS11	Paper size sensor /Fr1		

_					Display and	signal source
Classification	Code	Multi code	Symbol	Name	ON	OFF
pa	12	1	PS12	Paper empty sensor /2	No paper	Paper
Paper feed		2	PS15	Near-empty sensor /2	Near-empty	Non-near-empty
Эаре		3	PS13	Upper limit sensor /2	Upper limit	Not at upper limit
_		4	PS14	Tray set sensor /2	Set	Not set
		5	PS16	Paper size sensor /Rr2	*2	
		6	PS17	Paper size sensor /Fr2		
	13	1	PS115	Paper empty sensor /3 (PC-206)	No paper	Paper
		2	PS113	Near-empty sensor /3 (PC-206)	Near-empty	Non-near-empty
		3	PS114	Upper limit sensor /3 (PC-206)	Upper limit	Not at upper limit
		4	PS112	Tray set sensor /3 (PC-206)	Set	Not set
		5	PS116	Paper feed sensor /3 (PC-206)	Paper	No paper
		6	PS117	Vertical conveyance sensor /3 (PC-206)		
		7	PS118	Paper size sensor /Rr3 (PC-206)	*2	
		8	PS119	Paper size sensor /Fr3 (PC-206)		
	14	1	PS124	Paper empty sensor /4 (PC-206)	No paper	Paper
		2	PS122	Near-empty sensor /4 (PC-206)	Near-empty	Non-near-empty
		3	PS123	Upper limit sensor /4 (PC-206)	Upper limit	Not at upper limit
		4	PS121	Tray set sensor /4 (PC-206)	Set	Not set
		5	PS125	Paper feed sensor /4 (PC-206)	Paper	No paper
		6	PS126	Vertical conveyance sensor /4 (PC-206)		
		7	PS127	Paper size sensor /Rr4 (PC-206)	*2	
		8	PS128	Paper size sensor /Fr4 (PC-206)		
	15	1	PS153	Paper empty sensor (LU)	No paper	Paper
		2	PS155	LU exit sensor (LU)	Paper	No paper
		3	PS152	Upper limit sensor (LU)	Upper limit	Not at upper limit
		4	PS154	Remaining paper sensor /1 (LU)	*3	
		5	PS151	Remaining paper sensor /2 (LU)		
		6	MS151	Upper door interlock switch (LU)	Open	Close
		7	PS156	LU set sensor (LU)	Not set	Set
		8	_	Connect detection signal (LU)	Connection	Non-connection
	16	1	PS5	Right door open/close sensor (PC-407)	Open	Close
		2	PS6	Tray set sensor (PC-407)	Not set	Set
		3	PS7	Lower limit over run sensor (PC-407)	Over run	Not over run
		4	PS2	Vertical conveyance sensor (PC-407)	Paper	No paper
		5	PS1	Paper feed sensor (PC-407)		
		6	MEB	Main tray empty board (PC-407)		
		7	PS9	Sub tray empty sensor (PC-407)		
		8	PS3	Paper empty sensor (PC-407)		
		9	PS4	Upper limit sensor (PC-407)	Upper limit	Not at upper limit

-					Display and	signal source				
atior	40	ge	_		ON ON	OFF				
sifice	Code	Multi code	Symbol	Name	ON	OH				
Classification		Mu	(Q)							
	16	10	PS13	Lower limit sensor (PC-407)	Lower limit	Not at lower limit				
fee		11	PS12	Shift home sensor (PC-407)	Home position	Other than				
Paper feed				,		home position				
Δ.		12	PS11	Shift position sensor (PC-407)	Shift position	Not at shift				
						position				
		13	PS14	Shift gate position sensor (PC-407)	Gate lock	Gate release				
		14	PS10	Paper lift motor encoder sensor (PC-407)	0 to 255	1				
		15	SW1	Tray release switch	ON	OFF				
	17	1	PS19,	Paper size sensor /BP1, /BP2, /BP3, /BP4	0 to 15 *4					
			PS20,	(bypass)						
			PS21,							
			PS22							
		2	PSB/1	Paper size board /1	0 to 15 *5					
		3	PSB/2	Paper size board /2						
		4	PSDB3	Paper size detect board /3 (PC-206)						
		5	PSDB4	Paper size detect board /4 (PC-206)						
90	20	1	PS1	Registration sensor	Paper	No paper				
eyar		2	PS2	Vertical conveyance sensor						
Conveyance	22	0	PS3	Fusing exit sensor						
O	23	0	MS	Interlock switch	Open	Close				
	24	0	PS7	Feed door open/close sensor						
	25	0	PS111	Right door open/close sensor (PC-206)						
<u>8</u>	40	1	PS30	Scanner home sensor	Other than	Home position				
dev					home position					
Optical device		2	PS31	APS timing sensor	DF close	DF open				
Op										
	50	1	_	Serial communication check when the	OK	NG				
Specific function				power is turned ON (DF)						
c fu		2	_	Serial communication check when the						
ecifi								power is turned ON (FS)		
Sp		3	_	Serial communication check when the						
				power is turned ON (SubCPU)						
		4	_	Serial communication check when the						
				power is turned ON (Main body)						
	51	1	_	Main body identification signal	bizhub 421/361	bizhub 501				
		2	_	Machine type code	"128" = bizhub					
					"129" = bizhub "130" = bizhub					
(0	52	1	_	JS connection detection	Connection	Non-connection				
SC	02	2	_	—	-	_				
		3	PS1	Paper full sensor	Full	Other than full				
		5	101	i apoi iuli serisor	i uli					

L		a)			Display and	signal source
Classification	Code	Multi code	Symbol	Name	ON	OFF
Toner supply Analog signal	57	1	PZS	Toner remaining sensor	Detected	Not detected
Toner supply		2	PS4	Toner bottle sensor	_	
Analog signal	58	0	TH1/ TH2	The higher value of thermistor /1 and thermistor /2	0 to 255	
DF	60	1	PS5	Original empty sensor	Original	No original
		2	PS6	Original feed sensor		
		3	PS9	Original registration sensor		
		4	PS8	Original detection sensor		
		5	PS10	Original exit sensor		
		6	PS7	Cover open/close sensor	Close	Open
		7	SW3	DF open/close switch (Main body side)		
		8	MOSDB	Mix original size detection board	Original	No original
		9	MOSDB	Mix original size detection board		
		10	MOSDB	Mix original size detection board		
		11	PS1	Original size sensor /1		
		12	PS2	Original size sensor /2		
		13	PS3	Original size sensor /3		
		14	PS4	Original size sensor /4		
		15	VR1	Original size VR	0 to 255 *1	1
FS-522	70	1	PS4	Entrance sensor	Paper	No paper
Ŗ		2	PS5	Conveyance sensor		
		3	PS6	Alignment sensor /1	Home position	Other than home position
		4	PS7	Alignment sensor /2	Not at	The state of the s
		5	SW3	Tray overrun switch	Not at upper limit/lower limit	Upper limit/ lower limit
		6	SW2	Shutter switch	Not open	Close
		7	SW1	Door switch	Close	Open
		8	_	_	_	_
		9	PS4	Encoder sensor (PU)	Light blocking	Light passing through
		10	PS23	Paper guide home sensor (SD)	Home position	Other than home position

l ∺		d)			Display and	signal source
Classification	Code	Multi code	Symbol	Name	ON	OFF
22	70	11	PS14	Lower limit sensor	Lower limit	Not at lower limit
FS-522		12	PS15	Upper limit sensor	Upper limit	Not at upper limit
ш		13	_	OT-602 connection detection	Connection	Non-connection
		14	PS3	Tray position sensor	Tray detected	Tray not detected
		15	PS16	Shutter home sensor	Close	Open
		16	_	_	_	_
		17	PS11	Exit paddle home sensor	Home position	Other than
		18	PS12	Exit roller home sensor		home position
		19	PS8	Stacker sensor	Paper	No paper
		20	PS10	Stapler home sensor	Other than home position	Home position
		21	_	Stapler ready sensor	Ready	Unready
		22	_	Staple empty sensor	No staple	Staple
		23	_	Staple home sensor	Home position	Other than home position
		24	_	_	_	_
		25	PS2	Punch position sensor /1 (PU)	Home position at odd numbered times	Home position at initialization
		26	PS3	Punch position sensor /2 (PU)	At the center of stroke	Not at the center of stroke
		27	PS1	Punch scraps full sensor (PU)	Full	Other than full
	•	28	PS22	Folding roller home sensor (SD)	Home position	Other than home position
		29	SW4	Guide plate switch	Close	Open
		30	PS23	Paper guide home sensor (SD)	Home position	Other than home position
		31	PS20	Exit sensor (SD)	Paper	No paper
		32	PS21	Tray empty sensor (SD)		
		33	_	Staple home sensor /Rr (SD)	Home position	Other than home position
		34	_	Stapler ready sensor /Rr (SD)	Ready	Unready
		35	_	Staple empty sensor /Fr (SD)	No staple	Staple
		36	-	Staple home sensor /Fr (SD)	Home position	Other than home position
		37	_	Stapler ready sensor /Fr (SD)	Ready	Unready
		38	_	Staple empty sensor /Fr (SD)	No staple	Staple
		39	SW4	SD interlock switch (SD)	Set	Not set
		40	PS18	Exit home sensor (SD)	Open	Close
		41	PS1	Paper detection sensor /1 (MT)	No paper	Paper

Name	_					Display and	signal source
No. Page P	Classificatio	Code	Multi code	Symbol	Name		
PS6		70	42	PS5	Paper full sensor /1 (MT)	Full	Other than full
PS6	S-5		43	PS2	Paper detection sensor /2 (MT)	No paper	Paper
A6	ш		44	PS6	Paper full sensor /2 (MT)	Full	Other than full
1			45	PS3	Paper detection sensor /3 (MT)	No paper	Paper
1			46	PS7	Paper full sensor /3 (MT)	Full	Other than full
70			47	PS4	Paper detection sensor /4 (MT)	No paper	Paper
PS2			48	PS8	Paper full sensor /4 (MT)	Full	Other than full
Section Sect	23	70	1	PS1	Sub tray exit sensor	Paper	No paper
Section Sect	S-5;		2	PS3	Intermediate conveyance sensor		
5 PS6 Sub tray full sensor 6 PS7 Main tray full sensor 7 PS9 Alignment home sensor 8 PS14 Stapler home sensor 9 PS12 Roller release home sensor 10 PS13 Exit roller home sensor 11 PS5 Alignment tray sensor 12 PS22 Stapler home sensor /Rr Home position 13 PS20 Staple empty sensor /Rr No staple Staple 14 PS21 Stapler ready sensor /Fr Home position 15 PS25 Stapler home sensor /Fr Home position 16 PS23 Staple empty sensor /Fr Home position 17 PS24 Stapler ready sensor /Fr Ready Unready 18 PS19 Main tray upper limit sensor 19 PS8 Main tray upper limit sensor 20 SW2 Main tray upper limit switch Upper limit Not at upper limit 21 PS10 Shift home sensor 22	ш		3	PS4	Main route conveyance sensor		
6 PS7 Main tray full sensor 7 PS9 Alignment home sensor Home position 8 PS14 Stapler home sensor Released Pressed 10 PS13 Exit roller home sensor 11 PS5 Alignment tray sensor Paper No paper 12 PS22 Stapler home sensor /Rr Home position 13 PS20 Staple empty sensor /Rr No staple Staple 14 PS21 Stapler ready sensor /Fr Home position 15 PS25 Stapler home sensor /Fr Home position 16 PS23 Staple empty sensor /Fr Home position 17 PS24 Stapler ready sensor /Fr Ready Unready 18 PS19 Main tray upper limit sensor Paper surface detected 19 PS8 Main tray upper limit switch Upper limit Not at upper limit 20 SW2 Main tray upper limit switch Upper limit Not at upper limit 21 PS10 Shift home sensor Light passing 22 — — — — — — — — — — — — — — — — — —			4	PS2	Bypass route conveyance sensor		
7 PS9 Alignment home sensor Home position Other than home position 8 PS14 Stapler home sensor Released Pressed 10 PS13 Exit roller home sensor Paper No paper 11 PS5 Alignment tray sensor Paper No paper 12 PS22 Stapler home sensor Paper No paper 13 PS20 Staple empty sensor /Rr Home position 14 PS21 Stapler ready sensor /Rr Ready Unready 15 PS25 Stapler home sensor /Fr Home position Other than home position 16 PS23 Staple empty sensor /Fr No staple Staple 17 PS24 Stapler ready sensor /Fr No staple Staple 18 PS19 Main tray upper limit sensor Paper surface detected not detected 19 PS8 Main tray reset sensor Other than paper removal 20 SW2 Main tray upper limit switch Upper limit Not at upper limit 21 PS10 Shift home sensor Front home position 22 — — — — — — — — — — — — — — — — — —			5	PS6	Sub tray full sensor	Full	Other than full
8 PS14 Stapler home sensor home position 9 PS12 Roller release home sensor Released Pressed 10 PS13 Exit roller home sensor Paper No paper 11 PS5 Alignment tray sensor Paper No paper 12 PS22 Stapler home sensor /Rr Home position Other than home position 13 PS20 Staple empty sensor /Rr Ready Unready 14 PS21 Stapler ready sensor /Rr Ready Unready 15 PS25 Stapler home sensor /Fr Home position Other than home position 16 PS23 Staple empty sensor /Fr No staple Staple 17 PS24 Stapler ready sensor /Fr Ready Unready 18 PS19 Main tray upper limit sensor Paper surface detected not detected 19 PS8 Main tray reset sensor Other than paper removal 20 SW2 Main tray upper limit switch Upper limit Not at upper limit 21 PS10 Shift home sensor Front home position 22 — — — — — — — — — — — — — — — — — —			6	PS7	Main tray full sensor		
9 PS12 Roller release home sensor 10 PS13 Exit roller home sensor 11 PS5 Alignment tray sensor Paper No paper 12 PS22 Stapler home sensor /Rr Home position 13 PS20 Staple empty sensor /Rr No staple Staple 14 PS21 Stapler ready sensor /Rr Ready Unready 15 PS25 Stapler home sensor /Fr Home position 16 PS23 Staple empty sensor /Fr No staple Staple 17 PS24 Stapler ready sensor /Fr Ready Unready 18 PS19 Main tray upper limit sensor Paper surface detected not detected 19 PS8 Main tray upper limit switch Upper limit Not at upper limit 21 PS10 Shift home sensor Front home position 22 — — — — — 23 PS15 Punch encoder sensor through 25 — — — — — — 26 — — — — — —			7	PS9	Alignment home sensor	Home position	Other than
10 PS13 Exit roller home sensor 11 PS5 Alignment tray sensor 12 PS22 Stapler home sensor /Rr Home position 13 PS20 Staple empty sensor /Rr No staple 14 PS21 Stapler ready sensor /Rr Ready Unready 15 PS25 Stapler home sensor /Fr Home position 16 PS23 Staple empty sensor /Fr No staple 17 PS24 Stapler ready sensor /Fr Ready Unready 18 PS19 Main tray upper limit sensor Paper surface detected not detected 19 PS8 Main tray upper limit switch Upper limit 20 SW2 Main tray upper limit switch Upper limit 21 PS10 Shift home sensor Front home position 22 — — — — — — — — — — — — — — — — — —			8	PS14	Stapler home sensor		home position
11 PS5 Alignment tray sensor			9	PS12	Roller release home sensor	Released	Pressed
12 PS22 Stapler home sensor /Rr Home position Other than home position 13 PS20 Staple empty sensor /Rr No staple Staple 14 PS21 Stapler ready sensor /Rr Ready Unready 15 PS25 Stapler home sensor /Fr Home position Other than home position 16 PS23 Staple empty sensor /Fr No staple Staple 17 PS24 Stapler ready sensor /Fr Ready Unready 18 PS19 Main tray upper limit sensor Paper surface detected not detected 19 PS8 Main tray reset sensor Other than paper removal 20 SW2 Main tray upper limit switch Upper limit Not at upper limit vertical position 21 PS10 Shift home sensor Front home position 22 — — — — — — — — — — — — — — — — — —			10	PS13	Exit roller home sensor		
home position 13 PS20 Staple empty sensor /Rr No staple Staple 14 PS21 Stapler ready sensor /Rr Ready Unready 15 PS25 Stapler home sensor /Fr Home position 16 PS23 Staple empty sensor /Fr No staple Staple 17 PS24 Stapler ready sensor /Fr Ready Unready 18 PS19 Main tray upper limit sensor Paper surface detected not detected 19 PS8 Main tray reset sensor Other than paper removal 20 SW2 Main tray upper limit switch Upper limit Not at upper limit 21 PS10 Shift home sensor Front home position 22 — — — — — — 23 PS15 Punch encoder sensor through 25 — — — — — — — 26 — — — — — — —			11	PS5	Alignment tray sensor	Paper	No paper
13 PS20 Staple empty sensor /Rr Ready Unready 14 PS21 Stapler ready sensor /Rr Ready Unready 15 PS25 Stapler home sensor /Fr Home position 16 PS23 Staple empty sensor /Fr No staple Staple 17 PS24 Stapler ready sensor /Fr Ready Unready 18 PS19 Main tray upper limit sensor Paper surface detected not detected 19 PS8 Main tray reset sensor Other than paper removal 20 SW2 Main tray upper limit switch Upper limit Not at upper limit 21 PS10 Shift home sensor Front home position 22 — — — — — — — — — — — — — — — — — —			12	PS22	Stapler home sensor /Rr	Home position	Other than
14 PS21 Stapler ready sensor /Rr Ready Unready 15 PS25 Stapler home sensor /Fr Home position 16 PS23 Staple empty sensor /Fr No staple Staple 17 PS24 Stapler ready sensor /Fr Ready Unready 18 PS19 Main tray upper limit sensor Paper surface Paper surface detected not detected 19 PS8 Main tray reset sensor Other than paper removal 20 SW2 Main tray upper limit switch Upper limit Not at upper limit 21 PS10 Shift home sensor Front home position 22 — — — — — — — — — — — — — — — — — —							home position
15 PS25 Stapler home sensor /Fr Home position 16 PS23 Staple empty sensor /Fr No staple Staple 17 PS24 Stapler ready sensor /Fr Ready Unready 18 PS19 Main tray upper limit sensor Paper surface detected not detected 19 PS8 Main tray reset sensor Other than paper removal 20 SW2 Main tray upper limit switch Upper limit Not at upper limit 21 PS10 Shift home sensor Front home position 22 — — — — — — — — — — — — — — — — — —			13	PS20	Staple empty sensor /Rr	No staple	Staple
home position 16 PS23 Staple empty sensor /Fr No staple Staple 17 PS24 Stapler ready sensor /Fr Ready Unready 18 PS19 Main tray upper limit sensor Paper surface detected not detected 19 PS8 Main tray reset sensor Other than paper removal 20 SW2 Main tray upper limit switch Upper limit Not at upper limit 21 PS10 Shift home sensor Front home position 22 — — — — — — — — — — — — — — — — — —			14	PS21	Stapler ready sensor /Rr	Ready	Unready
17 PS24 Stapler ready sensor /Fr Ready Unready 18 PS19 Main tray upper limit sensor Paper surface detected not detected 19 PS8 Main tray reset sensor Other than paper removal 20 SW2 Main tray upper limit switch Upper limit Not at upper limit 21 PS10 Shift home sensor Front home position position 22 — — — — — — 23 PS15 Punch encoder sensor Light passing through 25 — — — — — — — — — — — — — — — — — — —			15	PS25	Stapler home sensor /Fr	Home position	
18 PS19 Main tray upper limit sensor Paper surface detected not detected 19 PS8 Main tray reset sensor Other than paper removal 20 SW2 Main tray upper limit switch Upper limit Not at upper limit 21 PS10 Shift home sensor Front home position position 22 — — — — — — 23 PS15 Punch encoder sensor Light passing through 24 PS11 Shift encoder sensor through 25 — — — — — —			16	PS23	Staple empty sensor /Fr	No staple	Staple
detected not detected 19 PS8 Main tray reset sensor Other than paper removal 20 SW2 Main tray upper limit switch Upper limit Not at upper limit 21 PS10 Shift home sensor Front home position 22 23 PS15 Punch encoder sensor Light passing through 24 PS11 Shift encoder sensor through			17	PS24	Stapler ready sensor /Fr	Ready	Unready
paper removal 20 SW2 Main tray upper limit switch Upper limit Not at upper limit 21 PS10 Shift home sensor Front home position 22 23 PS15 Punch encoder sensor Light passing through 24 PS11 Shift encoder sensor through 25 26			18	PS19	Main tray upper limit sensor	· ·	.,
21 PS10 Shift home sensor Front home position Rear home position 22 — — — — 23 PS15 Punch encoder sensor Light passing through Light blocking 24 PS11 Shift encoder sensor through 25 — — — 26 — — —			19	PS8	Main tray reset sensor		- 1
position position			20	SW2	Main tray upper limit switch	Upper limit	Not at upper limit
23 PS15 Punch encoder sensor Light passing through Light plocking 24 PS11 Shift encoder sensor through 25 — — — 26 — — —			21	PS10	Shift home sensor		-
24 PS11 Shift encoder sensor through 25 — — — 26 — — —			22	_	_	_	_
25 — — — — — — — — — — — — — — — — — — —			23	PS15	Punch encoder sensor	Light passing	Light blocking
26 – – – – –			24	PS11	Shift encoder sensor	through	
			25	_	_	_	_
27 PS2 Path sensor (RU) Paper No paper			26	_	_	_	_
			27	PS2	Path sensor (RU)	Paper	No paper

uc		0			Display and signal source	
Classification	Code	Multi code	Symbol	Name	ON	OFF
ADU/Reverse	80	1	PS24	ADU conveyance sensor /1	Paper	No paper
		2	PS25	ADU conveyance sensor /2		
	81	81 1	81 1 PS27	PS27	Reverse sensor	
AD		2	PS26	ADU open/close sensor	Open	Close
		3	_		Set	Not set

^{*1} Resolution 1024 is also displayed as resolution 256.

^{*2} The size in the main scan direction is shown by the combination of the ON/OFF of the paper size sensors /Rr and /Fr.

Sensor check	Tray 1	11-5	11-6	Paper size
	Tray 2	12-5	12-6	
	Tray 3	13-7	13-8	
	Tray 4	14-7	14-8	
Sensor check display		ON	OFF	A3, B4, A4, B5
		ON	ON	11 x 17
		OFF	ON	A4S, 81/2 x 11S
		OFF	OFF	A5S, B5S, 81/2 x 11S

*3 ON/OFF combination of remaining paper sensor /1 (PS154) and /2 (PS151) represents an amount of paper remained in LU.

Sensor check	15-4	15-5
Remaining paper sensor	/1 (PS154)	/2 (PS151)
Full amount	ON	OFF
Medium amount	ON	ON
Small amount	OFF	ON

*4 The combination of the ON/OFF of the paper size sensors /BP1 (PS19), /BP2 (PS20), /BP3 (PS21) and /BP4 (PS22) is shown in 4-bit data (0 to 15).

Sensor check display	PS19	PS20	PS21	PS22
0	OFF	OFF	OFF	OFF
1	ON	OFF	OFF	OFF
2	OFF	ON	OFF	OFF
3	ON	ON	OFF	OFF
4	OFF	OFF	ON	OFF
5	ON	OFF	ON	OFF
6	OFF	ON	ON	OFF
7	ON	ON	ON	OFF
8	OFF	OFF	OFF	ON
9	ON	OFF	OFF	ON
10	OFF	ON	OFF	ON
11	ON	ON	OFF	ON
12	OFF	OFF	ON	ON
13	ON	OFF	ON	ON
14	OFF	ON	ON	ON
15	ON	ON	ON	ON

*5 The combination of the ON/OFF of the paper size boards and the paper size detection boards (4 in all) is shown in 4-bit data (0 to 15).

Sensor check display	State of each	State of each of the 4 sensors on the paper size boards				
17-2 (tray 1), 17-3 (tray 2),	/1 (PSB /1) ar	/1 (PSB /1) and /2 (PSB /2) and the paper size detect				
17-4 (tray 3), 17-5 (tray 4)	boards /3 (PS	boards /3 (PSDB /3) and /4 (PSDB /4)				
	1	2	3	4		
0	OFF	OFF	OFF	OFF		
1	ON	OFF	OFF	OFF		
2	OFF	ON	OFF	OFF		
3	ON	ON	OFF	OFF		
4	OFF	OFF	ON	OFF		
5	ON	OFF	ON	OFF		
6	OFF	ON	ON	OFF		
7	ON	ON	ON	OFF		
8	OFF	OFF	OFF	ON		
9	ON	OFF	OFF	ON		
10	OFF	ON	OFF	ON		
11	ON	ON	OFF	ON		
12	OFF	OFF	ON	ON		
13	ON	OFF	ON	ON		
14	OFF	ON	ON	ON		
15	ON	ON	ON	ON		

10.7.2 Load Check

This machine is provided with an input/output check function as a self-diagnostic function. For the load check, the check and adjustment (output check) of the load operation can be made.

A. Procedure

- "Service Mode screen"
 Press [State Confirmation].
- 2. "State Confirmation screen"

Press [Load check].

- 3. "Load Check screen"
 - Press [Check Code] and enter a load check code in 3 digits through the copy count setting key.
- For the multi mode, press [Multi Code] and enter a multi code in 3 digits through the copy count setting key.
- 5. Press the Start key.

The load check operation starts with a message "Operating" displayed.

6. Press the Stop key.

The load check is completed with a message "Fin" displayed.

7. When conducting other load operations or the output check of signals, repeat steps 3 to 6.

B. List of loads

Classification	Code	Multi code	Symbol	Name	Restrictive conditions			
ge	0	0	L1	Exposure lamp				
High voltage/image	1	0	M4, SD5	Toner supply motor, toner solenoid turn ON at the same time	Same as 55-003			
eq	20	1	CL4	Feed clutch /1				
Paper feed		2 CL5 Feed	Feed clutch /2					
Раре		3	CL6	Feed clutch /BP				
_						4	SD1	Pick-up solenoid /BP
		5	SD151	Pick-up solenoid (LU)				
	21	1	M9	Feed motor (LS250)				
		2		Feed motor (LS210)				
		3	Feed motor (LS125)					
		4	M122	Paper feed motor /3 (LS250) (PC-206)	Valid only when the paper empty sen-			
			5		Paper feed motor /3 (LS210) (PC-206)	sor /3 (PS115) detects a no paper condition.		
		6	M123	Paper feed motor /4 (LS250) (PC-206)	Valid only when the paper empty sen-			
		7		Paper feed motor /4 (LS210) (PC-206)	sor /4 (PS124) detects a no paper condition.			

			1	1	
Paper feed Classification	Code	Multi code	Symbol	Name	Restrictive conditions
p	21	8	M150	Feed motor (LS250) (LU)	
1,00		9		Feed motor (LS210) (LU)	
Paper		11	M9, CL1, CL2	Feed motor (LS250), registration clutch, loop clutch turn ON at the same time	
		12	M122	Paper feed motor /3 (LS125) (PC-206)	Valid only when the paper empty sensor /3 (PS115) detects a no paper condition.
		13	M123	Paper feed motor /4 (LS125) (PC-206)	Valid only when the paper empty sensor /4 (PS124) detects a no paper condition.
		14	M150	Feed motor (LS125) (LU)	
	22	1	M120	Vertical conveyance motor /3 (LS250) (PC-206)	
		2	-	Vertical conveyance motor /3 (LS210) (PC-206)	
		3		Vertical conveyance motor /3 (LS125) (PC-206)	
		4	M121	Vertical conveyance motor /4 (LS250) (PC-206)	
		5		Vertical conveyance motor /4 (LS210) (PC-206)	
		6		Vertical conveyance motor /4 (LS125) (PC-206)	
		7	M120, M121	Vertical conveyance motor /3, /4 (LS250) (PC-206)	
		8		Vertical conveyance motor /3, /4 (LS210) (PC-206)	
		9		Vertical conveyance motor /3, /4 (LS125) (PC-206)	
		10	M2	Vertical conveyance motor (LS250) (PC-407)	
		11		Vertical conveyance motor (LS210) (PC-407)	
		12		Vertical conveyance motor (LS125) (PC-407)	
	23	1	M7	Paper lift motor /1	The upper limit sensor /1 (PS6) turns ON, or it is stopped by the stop button.
		2	M8	Paper lift motor /2	The upper limit sensor /2 (PS13) turns ON, or it is stopped by the stop button.

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Paper feed Classification	Code	Multi code	Symbol	Name	Restrictive conditions
aper feed	23	3	M124	Paper lift motor /3 (PC-206)	The upper limit sensor /3 (PS114) turns ON, or it is stopped by the stop button.
<u> </u>		4	M125	Paper lift motor /4 (PC-206)	The upper limit sensor /4 (PS123) turns ON, or it is stopped by the stop button.
		5	M151	Paper lift motor (LU)	The upper limit sensor (PS152) turns ON, or it is stopped by the stop button.
		6	M9, SD1	Feed motor, pick-up solenoid /BP turn ON at the same time	Valid only when the paper empty sensor/BP (PS18) detects a no paper condition.
	25	1	CL1	Registration clutch	
		2	CL2	Loop clutch	
		3	CL3	Vertical conveyance clutch	
		4	CL151	Feed clutch (LU)	
	29	0	SD2	Drum claw solenoid ON	
device	31	1	M2, L1	Scanner motor, exposure lamp	After home position search, A3 makes a single scan operation.
Optical device		2		Scanner motor, exposure lamp	After home position search, A3 makes a continuous scan operation.
		8	M2	Scanner motor	The exposure unit is moved to DF read position.
		9		Scanner motor	The exposure unit is moved to stand- by position.
	32	1	M5	Polygon motor (LS250)	
		2		Polygon motor (LS210)	
	34	0	M2, L1	Shading correction operation	
	36	0	LDB	Laser PWM (0 to 255)	
	37	0	LDB, M5	Laser turns ON forcibly	The polygon motor (M5) turns ON and OFF at the same time.
	38	0	LDB, M5	LD alarm check	The polygon motor (M5) turns ON at the same time and the results are displayed when it turns OFF.
		999		LD alarm, data clear	
	39	0	L1	Platen stop APS	The exposure lamp turns ON with APS processed forcibly.
Ş	40	1	M11	Fusing motor (LS250)	
рос		2		Fusing motor (LS210)	
Main body		3	1	Fusing motor (LS125)	
_	41	1	M1	Drum motor (LS250)	The charging corona turns ON at the same time.

Ę		0			
Main body Classification	Code	Multi code	Symbol	Name	Restrictive conditions
body	41	2	M1	Drum motor (LS210)	The charging corona turns ON at the same time.
Main		3		Drum motor (LS125)	The charging corona turns ON at the same time.
		4		Drum motor (LS250)	
		5		Drum motor (LS210)	
		6		Drum motor (LS125)	
	42	1	FM3,	Exhaust fan /Fr, /Rr turn ON at the	
			FM9	same time	
		2	FM4	Drum cooling fan	
		3	FM2, FM8	Fusing cooling fan /Fr, /Rr turns ON at the same time	
		4	FM1	Power supply cooling fan	
		5	FM6	Developing suction fan	
		6	FM5	Coveyance suction fan	
		7	FM7	Developing cooling fan	
	43	1	TCT	Total counter 1 count up	
		2	KCT	Key counter 1 count up	
	44	1	_	_	_
		2	МЗ	Developing motor (LS210)	
		3		Developing motor (LS125)	
	45	1	L2	Fusing heater lamp /1	∆ Caution
		2	L3	Fusing heater lamp /2	Since no high temperature
		3	L2, L3	Fusing heater lamp /1, /2 turn ON at the same time	detection is made, be careful not to turn on for more than 10
		4	L2,	Fusing heater lamp /1, fusing motor	seconds. Otherwise, the fusing
			M11	turn ON at the same time	roller may deform, thus caus-
		5	L3,	Fusing heater lamp /2, fusing motor	ing a fire.
			M11	turn ON at the same time	
		6	L2, L3,	Fusing heater lamp /1, /2, fusing	
			M11	motor turn ON at the same time	
	46	0	_	Dehumidifier Heater 1C	
panel	48	0	PKB	Operation panel check (panel keyboard LEDs all turm ON)	
tion	49	0	LCD	Operation panel check	
Operation panel		1	_	_	_

Specific function Classification	Code	Multi code	Symbol	Name	Restrictive conditions
on	51	1	EL	Only erase lamp 24V ON	
Incti		2	EL	Erase lamp	
ic fu	52	0	TSL	Transfer exposure lamp	
Decil	53	53 0 SD4 Web solenoid		Web solenoid	
Ŋ.	55	1	M4	Toner supply motor	
		2	SD5	Toner solenoid	
		3	M4, SD5	Toner supply motor, toner solenoid turn ON at the same time	
	56	1	M10	Toner bottle motor (CW)	
		2		Toner bottle motor (CCW)	
	57	0	PZS	Toner remaining sensor ON/OFF	
		1		Toner remaining sensor ON	
	59	0	RL1	Main relay	
占	60	1 M1 Original feed motor		Original feed motor	
		2	M2	Original conveyance motor	
		3	FM3	Cooling fan	
		4	SD1	Pressure roller release solenoid	
		5	SD2	Stamp solenoid	
		6	LB	Print lamp (LED board) green ON	
		7	LB	Print lamp (LED board) red ON	
		8	M1, M2,	1 side original scan continuous operation (no original)	
		9	SD1	2 sides original scan continuous operation (no original)	
		10		1 side original scan continuous operation (original)	Operates according to the original size set.
		11		1 side mixed original scan continuous operation (original)	
		12		2 sides original scan continuous operation (original)	
22	70	1	M2	Conveyance motor (10 seconds ON)	
FS-522		2	_	_	_
ш.		3	M4,	After alignment motor /Rr, /Fr opera-	
			M5	tion, home position search	
		4	_	_	_
		5	M11	Tray lift motor up	Stops when the upper limit sensor (PS15) turns ON after the tray position sensor (PS3) detects the tray 2.

Name Restrictive conditions Restrictive	-		1		1	
turns ON. It becomes valid after executing the load check 70-5. 7 M12 Shutter close/open operation once 8 — — — — — — — — — — — — — — — — — —	Classification	Code	Multi code	Symbol	Name	Restrictive conditions
release/pressure operation is made by the paper exit roller release motor (M6). 8	FS-522	70	6	M11	Tray lift motor initial operation	when the lower limit sensor (PS14) turns ON and it stops when PS15 turns ON. It becomes valid after exe-
9 — — — — — — — — — — — — — — — — — — —			7	M12	Shutter close/open operation once	release/pressure operation is made by the paper exit roller release motor
10			8	_	_	_
11 M6 Release/press operation of exit roller once 12 M9 Open/close operation once of paper exit opening (SD) 13 — — 14 — — 15 — — 16 — — 17 M7 After 2-staple positioning, home position search 18 — — 19 — — 20 — — 21 — — 22 — — 23 M10, M14 Folding once (SD) 24 to 52 — — 53 M1, Exit motor (1 second ON), stacker paddle solenoid ON/OFF 54 M1, Exit motor (1 second ON), exit paddle solenoid ON/OFF 55 to 77 — — 78 M1 Punching once (PU)			9	_	_	_
New Content of the			10	_	_	_
exit opening (SD) 13			11	M6		
14 — — 15 — — 16 — — 17 M7 After 2-staple positioning, home position search 18 — — 19 — — 20 — — 21 — — 22 — — 23 M10, M14 Folding once (SD) 24 to 52 — — 53 M1, Exit motor (1 second ON), stacker solution of the solution of t			12	M9		
15 — — — — — — — — — — — — — — — — — — —			13	_	_	_
16 — — — — — — — — — — — — — — — — — — —			14	_	_	_
17 M7 After 2-staple positioning, home position search 18 — — 19 — — 20 — — 21 — — 22 — — 23 M10, Folding once (SD) Folding once (SD) M14 Exit motor (1 second ON), stacker SD1 paddle solenoid ON/OFF 54 M1, Exit motor (1 second ON), exit paddle solenoid ON/OFF 55 to 77 — — 78 M1 Punching once (PU)			15	_	_	_
tion search 18			16	_	_	_
19 — — — — — — — — — — — — — — — — — — —			17	M7		
20 — — — — — — — — — — — — — — — — — — —			18	_	_	_
21 — — 22 — — 23 M10, M14 Folding once (SD) 24 to 52 — — 53 M1, Exit motor (1 second ON), stacker paddle solenoid ON/OFF 54 M1, Exit motor (1 second ON), exit paddle solenoid ON/OFF 55 to 77 — 78 M1 Punching once (PU)			19	_	_	_
22			20	_	_	_
23 M10, M14 24 to 52 — — — — — — — — — — — — — — — — — —			21	_	_	_
M14 24 to 52 — — — — — — — — — — — — — — — — — —			22	_	_	_
53 M1, Exit motor (1 second ON), stacker SD1 paddle solenoid ON/OFF 54 M1, Exit motor (1 second ON), exit paddle SD2 solenoid ON/OFF 55 to 77 — — — — 78 M1 Punching once (PU)			23	,	Folding once (SD)	
SD1 paddle solenoid ON/OFF 54 M1, Exit motor (1 second ON), exit paddle solenoid ON/OFF 55 to 77 — — — — — — — — — — — — — — — — — —			24 to 52	_	_	_
54 M1, Exit motor (1 second ON), exit paddle solenoid ON/OFF 55 to 77 — — — — — — — — — — — — — — — — — —			53	M1,	Exit motor (1 second ON), stacker	
SD2 solenoid ON/OFF 55 to 77 — — 78 M1 Punching once (PU)				SD1	paddle solenoid ON/OFF	
55 to 77 — — — — — — — — — — — — — — — — — —			54	M1,	Exit motor (1 second ON), exit paddle	
78 M1 Punching once (PU)				SD2	solenoid ON/OFF	
			55 to 77	_	_	_
79 M2 Switching the number of punches Inch only			78	M1	Punching once (PU)	
			79	M2	Switching the number of punches	Inch only

Classification	Code	Multi code	Symbol	Name	Restrictive conditions
	80	1	M6	Reverse motor (LS250) rotating forward	
ADU/Reverse		2		Reverse motor (LS210) rotating forward	
		3		Reverse motor (LS125) rotating forward	
		4		Reverse motor (LS250) rotating backward	
		5		Reverse motor (LS210) rotating backward	
		6		Reverse motor (LS125) rotating backward	
	81	1	CL7	ADU conveyance clutch /Up	
		2	CL8	ADU conveyance clutch /Lw	
		3	M9,	Feed motor, ADU conveyance clutch	
			CL7	/Up turn ON at the same time	
ADU/Reverse	81	4	M9, CL8	Feed motor, ADU conveyance clutch /Lw turn ON at the same time	
//Re		5	M9,	Feed motor, ADU conveyance clutch	
ADL			CL7, CL8	/Up, /Lw turn ON at the same time	
	83	0	SD3	Reverse solenoid	
e	89	0	_	KM brand setting	
J0H		1	_	OEM setting (A-Type)	
Adjustment/special mode		2	_	OEM setting (B-Type)	
		3	_	OEM setting (C-Type)	
ent	90	0	_	PM counter clear	
ıstır	91	0	_	Process counter clear	No use allowed in the field.
Adjt		1	_	Drum counter clear	No use allowed in the field.
	92	_	_	NVRAM board data reset	No operation available in the field.
	93	0	-	Field initial set	

10.7.3 Memory/HDD Condition

Displays the memory capacity and the hard disc capacity (total/free space).

A. Procedure

1. "Service Mode screen"

Press [State Confirmation].

2. "State Confirmation screen"

Press [Memory/HDD condition].

The memory package capacity, and the total capacity and the free capacity of HDD are displayed.

3. Press [END].

10.7.4 Memory Check (Memory/HDD Adjustment)

Checks the memory operation.

A. Procedure

1. "Service Mode screen"

Press [State Confirmation].

2. "State Confirmation screen"

Press [Memory/HDD Adjustment].

3. Press [Memory Check] from the menu.

4. "Memory Check screen"

Press [Rough Check] or [Detail Check].

5. Press the Start key.

When completed normally, it is displayed that the memory check result is "OK."

6. Press [END].

10.7.5 HDD R/W Check (Memory/HDD Adjustment)

Conducts the read/write check of the hard disc.

A. Procedure

1. "Service Mode screen"

Press [State Confirmation].

2. "State Confirmation screen"

Press [Memory/HDD Adjustment].

3. Press [HDD R/W Check] from the menu.

4. "HDD R/W Check screen"

Press the Start key.

When completed normally after checking, it is displayed that the check result is "OK."

5. Press [END].

10.7.6 HDD Format (Memory/HDD Adjustment)

Formats HDD.

Note

bizhub 501/421/361

. When formatting HDD, all the data stored in HDD gets lost and becomes unrecoverable.

A. Procedure

1. "Service Mode screen"

Press [State Confirmation].

2. "State Confirmation screen"

Press [Memory/HDD Adjustment].

3. Press [HDD Format] from the menu.

The screen for confirmation is display.

4. Select the partition [1], [2], [3], [ALL] or [Erase Mode], and Press [Yes].

When formatting is executed and completed, a message "The formatting of HDD is completed" is displayed.

NOTE

- . The following data are stored in each partition.
 - 1: Data related to Ptinter (Fonts/spooling space)
 - 2: Data related to the box (System/User box)
 - 3: Reserved space (for next expansion of functions)
- When selecting [Erase Mode], the lock password which is set to HDD is canceled and the HDD formatting is executed for all partitions. When the HDD lock password is not set, only the HDD formatting for each partition is executed.
- 5. Turn OFF the power switch (SW2) and the main power switch (SW1) in this order.
- 6. After waiting for 10 seconds or more, turn ON SW1 and SW2 in this order.

Note

 Turning ON SW1 not waiting for 10 seconds or more after turning it OFF may damage HDD. Be sure to turn ON SW1 10 seconds or more after turning it OFF.

10.7.7 Adj. Data Table

Displays the adjustment data set for this machine.

A. Procedure

1. "Service Mode screen"

Press [State Confirmation].

2. "State Confirmation screen"

Press [Adj. Data Table].

3. "Adj. Data Table screen"

Press [\uparrow] or [\downarrow] to display necessary items.

- 4. Pressing [NVRAM Value] switches the display into the step number display set and pressing also [Adjust Value] switches the display into the adjustment value (the value of 1 step x the number of steps).
- 5. Press [OK].

10.7.8 Adj. Data Table

Display	Adjustment item
1/28	Print position adjustment: leading edge (tray 1)
	Print position adjustment: leading edge (tray 2)
	Print position adjustment: leading edge (tray 3)
	Print position adjustment: leading edge (tray 4)
	Print position adjustment: leading edge (LCT)
	Print position adjustment: leading edge (bypass (normal paper))
	Print position adjustment: leading edge (bypass (thick paper: large))
2/28	Print position adjustment: leading edge (bypass (thick paper: small))
	Print position adjustment: leading edge (bypass (thin paper))
	Print position adjustment: leading edge (bypass (OHP))
	Print position adjustment: leading edge (bypass (envelope))
	Print position adjustment: leading edge (bypass (label: large))
	Print position adjustment: leading edge (bypass (label: small))
	Print position adjustment: leading edge (ADU)
3/28	Print position adjustment: side edge (tray 1 (common))
	Print position adjustment: side edge (tray 1 (small size))
	Print position adjustment: side edge (tray 1 (large size))
	Print position adjustment: side edge (tray 2 (common))
	Print position adjustment: side edge (tray 2 (small size))
	Print position adjustment: side edge (tray 2 (large size))
	Print position adjustment: side edge (tray 3 (common))
4/28	Print position adjustment: side edge (tray 3 (small size))
	Print position adjustment: side edge (tray 3 (large size))
	Print position adjustment: side edge (tray 4 (common))
	Print position adjustment: side edge (tray 4 (small size))
	Print position adjustment: side edge (tray 4 (large size))
	Print position adjustment: side edge (LCT)
	Print position adjustment: side edge (ADU (common))
5/28	Print position adjustment: side edge (ADU (small size))
	Print position adjustment: side edge (ADU (large size))
	Print position adjustment: side edge (bypass (common))
	Print position adjustment: side edge (bypass (small size))
	Print position adjustment: side edge (bypass (large size))
	Magnification in the printer feed direction (printer: normal paper)
	Magnification in the printer feed direction (printer: OHP (large))

Display	Adjustment item
6/28	Magnification in the printer feed direction (printer: OHP (small))
	Magnification in the printer feed direction (printer: thick paper (large))
	Magnification in the printer feed direction (printer: thick paper (small))
	Magnification in the printer feed direction (printer: envelope)
	Magnification in the printer feed direction (printer: label (large))
	Magnification in the printer feed direction (printer: label (small))
	Magnification in the printer feed direction (printer: custom paper)
7/28	Magnification in the printer feed direction (fixing motor clock: normal paper)
	Magnification in the printer feed direction (fixing motor clock: OHP (large))
	Magnification in the printer feed direction (fixing motor clock: OHP (small))
	Magnification in the printer feed direction (fixing motor clock: thick paper (large))
	Magnification in the printer feed direction (fixing motor clock: thick paper (small))
	Magnification in the printer feed direction (fixing motor clock: envelope)
	Magnification in the printer feed direction (fixing motor clock: label (large))
8/28	Magnification in the printer feed direction (fixing motor clock: label (small))
	Magnification in the printer feed direction (fixing motor clock: custom paper)
	Magnification in the printer feed direction (fixing motor clock: user paper)
	Printer registration loop amount (tray 1 (small))
	Printer registration loop amount (tray 1 (large))
	Printer registration loop amount (tray 2 (small))
	Printer registration loop amount (tray 2 (middle1))
9/28	Printer registration loop amount (tray 2 (middle2))
	Printer registration loop amount (tray 2 (large))
	Printer registration loop amount (tray 3 (small))
	Printer registration loop amount (tray 3 (middle))
	Printer registration loop amount (tray 3 (large))
	Printer registration loop amount (tray 4 (small))
	Printer registration loop amount (tray 4 (middle))
10/28	Printer registration loop amount (tray 4 (large))
	Printer registration loop amount (option tray)
	Printer registration loop amount (LCT)
	Printer registration loop amount (bypass (normal (small)))
	Printer registration loop amount (bypass (normal (middle)))
	Printer registration loop amount (bypass (normal (large)))
	Printer registration loop amount (bypass (thick paper: small))
11/28	Printer registration loop amount (bypass (thick paper: large))
	Printer registration loop amount (bypass (thin paper: small))
	Printer registration loop amount (bypass (thin paper: large))
	Printer registration loop amount (bypass (OHP: small))
	Printer registration loop amount (bypass (OHP: large))
	Printer registration loop amount (bypass (envelope))
	Printer registration loop amount (bypass (label: small))

Display	Adjustment item
12/28	Printer registration loop amount (bypass (label: large))
	-
	Printer registration loop amount (ADU (small))
	Printer registration loop amount (ADU (large))
	Tray adjustment (maximum width)
	Tray adjustment (minimum width)
	Scan area (scanning position: leading edge)
13/28	Scan area (scanning position: side edge)
	Magnification in the scanner feed crossover direction
	Magnification in the scanner feed direction
	Printer leading edge erasure amount adjustment
	Charging main manual
	Transfer manual
	Separation AC manual
14/28	Separation DC manual
	Carging grid manual
	Developing grid manual
	TCR
	Toner density
	Dot diameter
	LD1 offset (normal paper)
15/28	LD1 offset (thick paper)
	LD2 offset (normal paper)
	LD2 offset (thick paper)
	LD1 bias (normal paper)
	LD1 bias (thick paper)
	LD2 bias (normal paper)
	LD2 bias (thick paper)
16/28	Magnification in the ADF feed direction (single sided: 50%)
	Magnification in the ADF feed direction (single sided: 100%)
	Magnification in the ADF feed direction (single sided: 200%)
	Magnification in the ADF feed direction (single sided: 400%)
	Magnification in the ADF feed direction (double sided: 50%)
	Magnification in the ADF feed direction (double sided: 100%)
	Magnification in the ADF feed direction (double sided: 200%)
17/28	Magnification in the ADF feed direction (double sided: 400%)
	ADF leading edge (single sided)
	ADF leading edge (double sided (front side))
	ADF leading edge (double sided (back side))
	ADF side edge (single sided)
	ADF side edge (double sided (front side))
	ADF side edge (double sided (back side))

Display	Adjustment item
18/28	ADF registration loop amount (single sided)
	ADF registration loop amount (double sided)
	ADF original size (maximum width)
	ADF original size (minimum width)
	ADF density
	ADF scan position
	Center staple position (B5S)
19/28	Center staple position (A4S)
	Center staple position (B4)
	Center staple position (A3)
	Center staple position (8½ x 11S)
	Center staple position (11 x 17)
	Center staple position (8K)
	Center staple position (81/2 x 14)
20/28	Half-fold position (B5S)
	Half-fold position (A4S)
	Half-fold position (B4)
	Half-fold position (A3)
	Half-fold position (81/2 x 11S)
	Half-fold position (11 x 17)
	Half-fold position (8K)
21/28	Half-fold position (81/2 x 14)
	Punch horizontal position
	Punch registration loop amount (B5S)
	Punch registration loop amount (B5)
	Punch registration loop amount (A4S)
	Punch registration loop amount (A4)
	Punch registration loop amount (B4)
22/28	Punch registration loop amount (A3)
	Punch registration loop amount (81/2 x 11S)
	Punch registration loop amount (81/2 x 11)
	Punch registration loop amount (81/2 x 14S)
	Punch registration loop amount (11 x 17)
	Punch registration loop amount (8K)
	Punch registration loop amount (16K)
23/28	Punch registration loop amount (16KS)
	Punch registration loop amount (FLS)
	Test pattern density
	DipSW No.01
	DipSW No.02
	DipSW No.03
	DipSW No.04

Display	Adjustment item
24/28	DipSW No.05
	DipSW No.06
	DipSW No.07
	DipSW No.08
	DipSW No.09
	DipSW No.10
	DipSW No.11
25/28	DipSW No.12
	DipSW No.13
	DipSW No.14
	DipSW No.15
	DipSW No.16
	DipSW No.17
	DipSW No.18
26/28	DipSW No.19
	DipSW No.20
	DipSW No.21
	DipSW No.22
	DipSW No.23
	DipSW No.24
	DipSW No.25
27/28	DipSW No.26
	DipSW No.27
	DipSW No.28
	DipSW No.29
	DipSW No.30
	DipSW No.31
	DipSW No.32
28/28	DipSW No.33
	DipSW No.34
	DipSW No.35
	DipSW No.36
	DipSW No.37
	DipSW No.38
	DipSW No.39

10.8 ADF

10.8.1 Paper Feed Direction

Adjusts the magnification in the sub scan direction while in the DF original scan.

This adjustment adjusts the magnification of the image data in the sub scan direction by changing the scan speed of DF.

The adjustment is made for each mode (single sided, double sided (front/rear)) and expansion/reduction ratio (50%, 100%, 200%, 400%).

Note

bizhub 501/421/361

 Make sure that the adjustment of the magnification in the printer paper feed direction has been completed.

(See P.176)

A. Procedure

- 1. "Service Mode screen"
 - Press [ADF].
- 2. "ADF Adjustment screen"
 - Press [Paper Feed Direction].
- 3. "Paper Feed Direction screen"

Press the magnification that adjusts the 1-Sided or 2-Sided.

- 4. Press [Test Copy].
- 5. "Test Copy screen"

Select A3 (for metric) or 11 \times 17 (for inch) paper, and press the Start key with the adjustment chart set to DF.

- 6. Press [OK].
- 7. Measure the magnification in the paper feed direction with a scale.

Standard value (while in the life size): ± 0.5% or less (200 ± 1 mm or less)

8. "Paper Feed Direction screen"

Enter a value through the [+]/[-] or numeric keys and press [Setting].

Setting range: - 2.0 (shorter) to + 2.0% (longer)

1 step = 0.1%

- 9. Repeat steps 4 to 8 until it gets inside the standard value.
- 10. Repeat steps 3 to 9 for each magnification.

11. Press [OK].

10.8.2 Lead Edge

Adjusts the position at which the image read is started while in the DF original scan.

This adjustment adjusts the leading edge position of the image by changing the image read start timing after the leading edge of the original passes through the read position.

The adjustment is made for each mode (1-Sided, 2-Sided (Front/Back)).

A. Procedure

- 1. "Service Mode screen"
 - Press [ADF].
- 2. "ADF Adjustment screen"
 - Press [Lead Edge].
- 3. "ADF Adjustment: Lead Edge screen"
 - Press [1-Sided], [2-Sided (Front)], or [2-Sided (Back)] to select the mode.
- 4. Press [Test Copy].
- 5. "Test Copy screen"

Select A3 (for metric) or 11×17 (for inch) paper, and press the Start key with the adjustment chart set to DF.

- 6. Press [END].
- 7. Measure the leading edge position of the image with a scale.

Standard value: 0 ± 2.0 mm or less

8. "ADF Adjustment: Lead Edge screen"

Enter a value through the [+]/[-] or numeric keys and press [Setting].

Setting range: -5.0 (slower start of read) to +5.0 mm (faster start of read)

1 step = 0.1 mm

- 9. Repeat steps 4 to 8 until it gets inside the standard value.
- 10. Repeat steps 3 to 9 for each mode.
- 11. Press [OK].

10.8.3 Side Edge

Adjusts the mis-centering of the image in the main scan direction while in the DF original scan.

The adjustment is made for each mode (1-Sided, 2-Sided (Front/Back)).

Note

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 Make sure that the adjustment of the printer position: side edge has been completed. (See P.175)

A. Procedure

1. "Service Mode screen"

Press [ADF].

2. "ADF Adjustment screen"

Press [Side Edge].

3. "ADF Adjustment: Side Edge screen"

Press [1-Sided], [2-Sided (Front)], or [2-Sided (Back)] to select the mode.

- 4. Press [Test Copy].
- 5. "Test Copy screen"

Select A3 (for metric) or 11 x 17 (for inch) paper, and press the Start key with the adjustment chart set to DE

- 6. Press [END].
- 7. Fold the output paper into two at the center in the main scan direction, and check the discrepancy of the print center line.

Standard value: ± 3.0 mm or less

8. "ADF Adjustment: Side Edge screen"

Enter a value through the [+]/[-] or numeric keys and press [Setting].

Setting range: - 2.96 (image: to the rear) to + 2.96 mm (image: to the front)

1 step = 0.04 mm

9. Repeat steps 4 to 8 until it gets inside the standard value.

10. Repeat steps 3 to 9 for each mode.

11. Press [OK].

10.8.4 Resist Loop Adi.

Adjusts the original loop amount (1-Sided or 2-Sided) at the registration roller section of DF to adjust a paper skew, wrinkles or an original jam at the registration section.

This adjustment adjusts the re-start timing of the DF registration roller.

A. Procedure

- "Service Mode screen"
 Press [ADF].
- "ADF Adjustment screen" Press [Resist Loop Adj.].
- "Resist Loop Adj. screen"
 Press [1-Sided] or [2-Sided] to select the mode.
- 4. Press [Test Copy].
- 5. Select paper according to the item selected at step 3. Set A3 (for metric) or 11 x 17 (for inch) original that is used more frequently set to DF and press the Start key.
- 6. Press [END].

Return to the registration loop amount adjustment screen.

7. "Resist Loop Adj. screen"

Enter a value through the [+]/[-] or numeric keys and press [Setting].

Setting range: - 5.0 (smaller) to + 5.0 mm (larger)

- 1 step = 0.5 mm
- 8. Repeat steps 5 to 7 until it becomes appropriate.
- 9. Repeat steps 3 to 8 for each mode.
- 10. Press [OK].

10.8.5 Original Size Adj.

This adjustment is made when the original size detection does not function properly at DF.

A. Procedure

- "Service Mode screen" Press [ADF].
- "ADF Adjustment screen" Press [Original Size Adi.].
- 3. "Original Size Adj. screen"
- Press [Max. Width].
- 4. With A3 (for metric) or 11 x 17 (for inch) paper set to DF, press the Start key.
- 5. Check to see if the result is OK.
- 6. Press [Min. Width].
- 7. With B6S (for metric) or 5.5 x 8.5S (for inch) size paper set to DF, press the Start key.
- 8. Check to see if the result is "OK".
- 9. Press [OK].

10.8.6 Density Adj.

This adjustment is made when the slit glass is replaced.

The slit glass at the scanner section is coated, and therefore, its transmittance of the exposure lamp is different when compared to the original glass.

Prearrangements

- · Clean the slit glass.
- Check the whole area of the white chart to see if it is not soiled.

A. Procedure

- "Service Mode screen" Press [ADF].
- "ADF Adjustment screen" Press [Density Adj.].
- 3. "Density Adj. screen"

 Set the white chart to DF.

NOTE

- . Be sure to set the white chart in the A4 direction.
- 4. Press the Start key.

When the white chart is scanned and the auto adjustment of density is completed successfully, "OK" is displayed.

- When an error message is displayed, turn OFF and ON the power switch (SW2) of the main body and repeat steps 3 to 4 until it is completed successfully.
- 6. Press [OK].

10.8.7 Scan Position Adjustment

Adjusts the read start position of the exposure unit in the sub scan direction.

A. Procedure

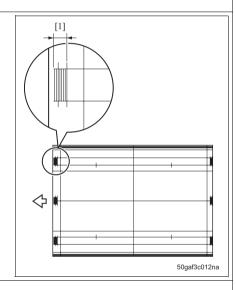
- 1. "Service Mode screen"
 - Press [ADF].
- 2. "ADF Adjustment screen"

Press [Scan Position Adjustment].

- "Scan Position Adjustment screen" Press [Test Copy].
- 4. "Test Copy screen"

Select A3 (for metric) or 11 x 17 (for inch) paper, and press the Start key with the adjustment chart set to ADF.

- 5. Press [END].
- 6. Check the read position.Standard value [1]: 10 ± 1.0 mm



7. "Scan Position Adjustment screen"

Enter a value through the [+]/[-] or numeric keys and press [Setting].

Setting range: - 2.0 (faster) to + 2.0 mm (slower)

1 step = 0.1 mm

- 8. Repeat steps 4 to 8 until it gets inside the standard value.
- 9. Press [OK].

10.8.8 Sensor Auto Adjust

This adjustment is made when an erroneous detection occurs with the reflective sensor, or after the DF control board (DFCB) and each of the reflective sensors are replaced. Conducting this adjustment backs up the sensitivity value of each of the reflective sensors to RAM in DFCB.

Prearrangement

Clean each of the reflective sensors of DF.

Note

bizhub 501/421/361

 After conducting [Initialization + Auto Adjust], the value of the original size VR (VR1) is reset. Be sure to conduct [Original Size Adjustment].

A. Procedure

- 1. "Service Mode screen"
 - Press [ADF].
- 2. "ADF Adjustment screen"
 - Press [Sensor Auto Adjust].
- 3. "ADF Sendor Adjustment screen"

Press [Initialize And Sensor Auto Adj.] or [ADF Sensor Auto Adj.].

- 4. Press the Start key.
 - Check the check results, the initialization, and the sensors 1 to 4 to see if they are "OK."
- 5. Press [END].

10.9 Finisher

10.9.1 Center Staple Position (SD-507)

Adjusts the stapling position in the sub scan direction while in the stitch-and-fold by SD-507.

Note

 Before conducting this adjustment, make sure that the adjustment of the half-fold position has been completed.

(See P.238)

A. Procedure

1. "Service Mode screen"

Press [Finisher].

2. "Finisher Adjustment screen"

Press [Center Staple Position].

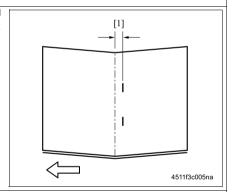
3. "Center Staple Position Adj. screen"

Press each key and select the paper size to be adjusted.

- 4. Press [Test Copy].
- 5. "Test Copy screen"

With 5 or more originals (2 or more sheets at the finish of the stitch-and-fold) set to DF, select suitable paper and press the Start key.

- 6. Press [END].
- Check the stitch-and-fold position of paper and the position of the staple in the sub scan direction.
 Standard value [1]: 0 ± 1.5 mm



8. "Center Staple Position Adj. screen"

Enter a value through the [+]/[-] or numeric keys and press [Setting].

Setting range: -5.0 (to the right) to +5.0 mm (to the left)

1 step = 0.5 mm

Press [Restore] to return to the value before change.

9. Repeat steps 3 to 8 until it gets inside the standard value.

10. Press [OK].

10.9.2 Half-Fold Position (SD-507)

Adjusts the folding position while in the stitch-and-fold print by SD-507.

A. Procedure

1. "Service Mode screen"

Press [Finisher].

2. "Finisher Adjustment screen"

Press [Half-Fold Position].

3. "Half-Fold Position Adjustment screen"

Press each key to select the paper size to be adjusted.

- 4. Press [Test Copy].
- 5. "Test Copy screen"

With the original set to DF, select a paper size and press the Start key.

- 6. Press [END].
- Fold the output paper along the folding line and check the paper edge to see if it is not shifted [1].
 Standard value [1]: 0 ± 1.5 mm



8. "Half-Fold Position Adjustment screen"

Enter a value through the [+]/[-] or numeric keys and press [Setting].

Setting range: - 5.0 (to the right) to + 5.0 mm (to the left)

1 step = 0.5 mm

Press [Restore] to return to the value before change.

NOTE

• When there occurs a shift shown at step 7, enter a value on the minus (-) side.

9. Repeat steps 3 to 8 until it gets inside the standard value.

10. Press [OK].

10.9.3 Punch Horizontal Position (PU)

Adjusts the position of the punch holes by PU-501 in the sub scan direction.

A. Procedure

- 1. "Service Mode screen"
 - Press [Finisher].
- 2. "Finisher Adjustment"

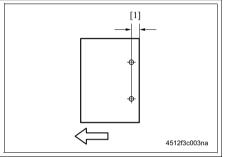
Press [Punch Horizontal Position].

- 3. "Punch Horizontal Position Adj. screen"
 - Press [Test Copy].
- 4. With the original set to DF, select a suitable paper size and press the Start key.
- 5. Press [END].

Return to the punch horizontal position adjustment screen.

6. Check the distance between the paper edge and the center of the punch hole.

Standard value [1]: 11 mm (metric) , 9.5 mm (inch) and 10.5 mm (swedish) $\,$



7. "Punch Horizontal Position Adj. screen"

Enter a value through the [+]/[-] or numeric keys and press [Setting].

Setting range: - 5.0 (shorter) to + 5.0 mm (longer)

1 step = 0.5 mm

Press [Restore] to return to the value before change.

- 8. Repeat steps 3 to 7 until it gets inside the standard value.
- 9. Press [OK].

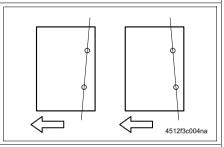
10.9.4 Punch Resist Loop (PU)

Adjusts the registration loop amount while in the punch by PU-501.

This adjustment is made when there occurs a tilt with the punch hole, or when a jam occurs frequently in the punch mode.

A. Procedure

- "Service Mode screen" Press [Finisher].
- 2. "Finisher Adjustment screen"
 - Press [Punch Resist Loop].
- "Punch Resist Loop screen" Press [Test Copy].
- 4. With the original set to DF, select a suitable paper size and press the Start key.
- 5. Press [END].
- Check the punch holes to see if they are parallel with the paper edge. And also check to see if a jam occurs.



7. "Punch Resist Loop screen"

Enter a value through the [+]/[-] or numeric keys and press [Setting].

Setting range: - 4 (longer) to + 4 mm (shorter)

1 step = 1 mm

Press [Restore] to return to the value before change.

NOTE

- When a jam occurs in the punch mode, set a value to the minus (-) side.
- When the line of punch holes is slanted, set a value to the plus (+) side.
- 8. Repeat steps 3 to 7 until it gets inside the standard value.
- 9. Press [OK].

10.10Firmware Version

Displays the version of the firmware (main body and optional).

- MFP Controller
- Image Controller
- · Operation Panel Message Data
- Finisher
- ADF
- Fax board controller 1
- Fax board controller 2
- Image Controller BOOT Program

A. Procedure

- 1. "Service Mode screen"
- Press [Firmware Version].

 2. "Firmware Version screen"
 - Press [1] or [2] to display the intended item.
- 3. Press [END].

10.11CS Remote Care

10.11.1 Outlines

- CS Remote Care enables the machine and the computer at CS Remote Care center to exchange data through telephone/fax line or e-mail in order to control the machine.
- CS Remote Care enables the machine to call the computer at the center when trouble occurs. It also enables the computer at the center to contact the machine for the necessary data.
- Data which CS Remote Care handles can be divided into the following groups.
 - a. Data which show the status of use of the machine such as Total count. PM count.
 - b. Data which show the abnormal situation on the machine such as where and how often errors occur.
 - c. Data on adjustment
 - d. Data on setting

Note

It cannot be set when the following setting is set to "ON".
 [Administrator Setting] → [Security Setting] → [Enhanced Security Mode]

10.11.2 Setting Up the CS Remote Care

Note

 For resetting up the machine which CS Remote Care has already been set up, clear the RAM for CS Remote Care before resetting.
 For clearing RAM, see "(3) RAM Clear" in "C. Detail Setting" in "10.11.8 Detail on settings".

(See P.254)

- When using the telephone line for connection, use the recommended modem.
 (For recommended modem, contact responsible person of KONICA MINOLTA.)
- When using a telephone line modem for connection, use the data modem which is based on the ITU-T recommendations V.34/V.32 bis/V.32 and AT command.

Step	Procedure				
	Using the telephone line	Using the Fax line	Using E-mail		
	modem	modem *1			
0	Register the device ID to	the application at CS Rer	mote Care Center.		
	The initial connection is r	not available unless the de	evice ID is registered.		
1	Connecting the	Be sure to remove the	Be sure to remove the telephone line modem		
	modem	telephone line modem	when e-mail is used.		
	Turn the power for the	when the fax line is			
	modem OFF. Connect	used.			
	the machine and the				
	modem with a modem				
	cable. Connect the				
	modem and the wall				
	jack with a modular				
	cable.				
	* For connecting the				
	modular cable, see the				
	manual for the modem.				

04	Procedure						
Step							
	Using the telephone line	Using the Fax line	Using E-mail				
	modem	modem *1					
2	Clearing the RAM						
	 Select [Service Mode] → [CS Remove Care], and press [Detail Setting]. 						
	2. Press [RAM Clear].	1014					
	3. Select Set, and press	S [UK].					
	(See P.254)	0 1 11 11 00					
3	Selecting the CS	Selecting the CS	Selecting the CS Remote Care function				
	Remote Care function	Remote Care function	Select [Service Mode] → [CS Remote Care] →				
	Select [Service Mode]	Select [Service Mode]	[System Setting], and press [E-Mail 1] or [E-Mail				
	→ [CS Remove Care]→ [System Selection],	→ [CS Remove Care]→ [System Selection],	2].				
	and press [Modem].	and press [Fax].					
4	Inputting the ID Code	and pross [rax].					
4		el → ICS Remote Carel →	[ID Code], and press [ID Code].				
	-		and press [ID Code] again.				
	(See P.252)	,					
5	Setting the date and time	e for CS Remote Care					
	 Select [Service Mode 	e] ightarrow [CS Remote Care], and	nd press [Detail Setting].				
	2. Press [Date & Time S						
		and the time zone using th	ne 10-Key Pad, and press [Set].				
	(See P.254)						
6	Setting the Center ID						
	1. Select [Service Mode] → [CS Remote Care], and press [Detail Setting].						
	 Press [Machine Setting] → [Center ID], and input the Center ID (five digits). 						
7	(See P.253)						
/	Proceed to step 8.		Encryption setting 1. Select [Service Mode] → [CS Remote Care],				
			and press [Detail Setting].				
			2. Press [Basic Setting] and select either				
			Encryption or No Encryption.				
			Retransmission interval on e-mail delivery error				
			When selecting [E-mail2], set the retrans-				
			mission interval on e-mail delivery error in				
			software SW setting.				
			(See P.254)				
8	Setting the telephone nu	mber of the Center	Setting the Respond Timeout				
	1. Select [Service Mode	$e] \rightarrow [CS Remote Care],$	 Select [Service Mode] → [CS Remote Care], 				
	and press [Detail Set	ting].	and press [Detail Setting].				
	2. Press [Machine Setti	$ng] \rightarrow [Center Telephone]$	2. Press [Respond Timeout] and enter the				
	Number].		response timeout using the 10-Key Pad.				
	· ·	number of the Center	NOTE				
		ad and $[P]$, $[T]$, $[W]$, $[-]$.	Under normal conditions, there is no				
	(See P.253)		need to change the default setting.				
			(See P.253)				

	DE WIODE		Tiola del vide Ver. 1.0 May. 20
Step		Proce	dura
Sieh	I lain or the a talanda and line		
	Using the telephone line	Using the Fax line	Using E-mail
	modem	modem *1	
9	Inputting the Device telep		Proceed to Step 10.
	=	e] → [CS Remote Care],	
	and press [Detail Set		
	-	ng] → [Device Telephone	
	Number].		
		phone number using the	
	10-Key Pad and [P],	[1], [VV], [-].	
	(See P.253)		
10	Inputting the AT com-	Proceed to step 11.	Setting the E-mail address
	mand for initializing the		 Select [Service Mode] → [CS Remote Care],
	modem		and press [Server Set].
	1. Select [Service		2. Press [Server for RX], and set POP3 server
	Mode] → [CS		address, POP3 Login name, POP3 pass-
	Remote Care] →		word and POP3 port number.
	and press [Detail		(See P.255)
	Setting].		3. Press [Receive], and set the E-Mail address,
	2. Press [AT Com-		Mail Check, Connection Time Out and APOP Authentication.
	mand]. 3. Input AT Com-		(See P.256)
	mand.		4. Press [Send], and set the SMTP server
	NOTE		address, SMTP port number, Connection
	Change this Com-		Time Out, and APOP Authentication.
	mand only when it		(See P.257)
	is necessary.		5. Press [TX/RX Test], and press Start key to
	(They do not need		carry out a transmission/reception test. If it
	to be changed in		fails to exchange messages, see the error
	normal condition.)		message to take necessary measure, and
	For details on AT		try again.
	Command, see		(See P.258)
	the manual for the		
	modem.		
	(See P.253)		
11	Setting the DIPSW for C	S Remote Care	Proceed to Step 12.
	NOTE		
	This setting is not	normally necessary.	
	Take this step only	when necessary in a	
	specific connecting	condition.	

Step		Proce	dure
	Using the telephone line	Using the Fax line	Using E-mail
	modem	modem *1	
12	Executing the initial trans		Receiving the initial connection E-mail message
	1. Select [Service Mode		Sending the initial connection E-mail message
	and press [Detail Set	••	from the Center to the address of the Copier.
	2. Press [initial transmi		NOTE
		to start initial transmis-	When receiving the initial connection E-
	sion.		mail message from the Center while CS
	3. When the machine is		Remote Care-related screen is being
	,	ote Care setting screen	displayed, the current setting informa- tion will be deleted, and CS Remote
	will be displayed. NOTE		Care setting will be displayed.
		sion key at the right	For sending the initial connection E-
		een will be displayed	mail, see the manual for CS Remote
		ter ID, the Device ID,	Care Center.
	•	of the Center and the	Messages can be exchanged only
	•	number have been	between the Center with initial connec-
	input.	number have been	tion and the Copier.
	(See P.253)		The initial connection from the Center
	(=== : :===)		will be carried out, and the E-mail
			address of the Center will be stored in
			the Copier.
			When the initial registration is complete,
			the E-mail address of the Center will be
			displayed by selecting [Service Mode] \rightarrow
			[CS Remote Care] → [Detail Setting],
			[Basic Setting] → [E-Mail address].

^{*1:} This procedure is available only when the optional Fax kit (FK-502) is mounted.

10.11.3 Software SW setting for CS Remote Care

Note

bizhub 501/421/361

 SW bits data are written into the NVRAM every time a change is made. In case you changed bit data by accident, be sure to restore the previous state.

A. Input procedure

- 1. Select [Service Mode] → [CS Remote Care] → [Detail Setting], and press [Software Switch Setting].
- 2. Press [Switch No.], and input the SW number (two digits) using the 10-Key Pad.
- Press [Bit Assignment], and select SW bit number using the arrow keys, and input 0 or 1 using the 10-Key Pad.
 - (For setting by hexadecimal numbers, press [HEX Assignment] key, and input using the 10-Key Pad or A to F keys.)
- 4. Press [Fix].

Note

- . About functions of each switch, see to "B. List of software SW for CS Remote Care".
- B. List of software SW for CS Remote Care

Note

. Do not change any bit not described on this table.

SW No.	Bit	Functions	0	1	Default
SW 01	0	Dial Mode	Pulse	Tone	1
	1	Reservation	_	_	0
	2	Reservation	_	_	0
	3	Reservation	_	_	0
	4	Baud rate	*1	*1	0
	5		*1	*1	0
	6		*1	*1	0
	7		*1	*1	1
SW 02	0	Emergency transmission	Do not call	Call	1
	1	Auto call on date specification	Do not call	Call	1
	2	Reservation	_	_	0
	3	Reservation	_	_	0
	4	Reservation	_	_	0
	5	Auto call on the IC Life	Do not call	Call	1
	6	Auto call on CCD Clamp/Gain Adjustment failure	Do not call	Call	1
	7	Reservation	_	_	0
SW 03	0	Reservation	_	_	0
	1	Auto call on the toner empty	Do not call	Call	1
	2	Reservation	_	_	0
	3	Auto call on the waste toner bottle full	Do not call	Call	1
	4 to 7	Reservation	_	_	0

SW No.	Bit	Functions	0	1	Default
SW 04	0 to 7	Reservation	_	_	0
SW 05	0	Modem redial interval	*2	*2	1
	1		*2	*2	1
	2		*2	*2	0
	3		*2	*2	0
	4 to 7	Reservation	_	_	0
SW 06	0	Modem redial times	*3	*3	0
	1		*3	*3	1
	2		*3	*3	0
	3		*3	*3	1
	4		*3	*3	0
	5		*3	*3	0
	6		*3	*3	0
	7	Reservation	_	_	0
SW 07	0	Redial for response time out	Do not redial	Redial	1
	1 to 7	Reserved	_	_	0
SW 08	0	Retransmission interval on E-Mail deliv-	*4	*4	0
	1	ery error	*4	*4	1
	2		*4	*4	1
	3		*4	*4	0
	4 to 7	Reservation	_	_	0
SW 09	0	Retransmission times on E-Mail	*5	*5	0
	1	delivery error	*5	*5	1
	2		*5	*5	0
	3		*5	*5	1
	4		*5	*5	0
	5		*5	*5	0
	6		*5	*5	0
	7	Reservation	_	_	0
SW 10	0 to 7	Reservation	_	_	0
SW 11	0	Timer 1	*6	*6	0
	1	RING reception → CONNECT	*6	*6	0
	2	reception	*6	*6	0
	3		*6	*6	0
	4		*6	*6	0
	5		*6	*6	1
	6		*6	*6	0
	7		*6	*6	0

OMAN	Dit				D (11
SW No.	Bit	Functions	0	1	Default
SW 12	0	Timer 2	*7	*7	0
	1	Dial request completed → CONNECT reception	*7	*7	0
	2	reception	*7	*7	0
	3		*7	*7	0
	4		*7	*7	0
	5		*7	*7	0
	6		*7	*7	1
	7		*7	*7	0
SW 13	0 to 7	Reservation	_	_	0
SW 14	0	Timer 4	*8	*8	0
	1	Line connection → Start request	*8	*8	0
	2	telegram delivery	*8	*8	0
	3		*8	*8	0
	4		*8	*8	0
	5		*8	*8	1
	6		*8	*8	0
	7		*8	*8	0
SW 15	0	Timer 5	*9	*9	0
000 10	1	Wait time for other side's response	*9	*9	1
	2		*9	*9	1
	3		*9	*9	1
	_		_	-	
	4		*9	*9	1
	5		*9	*9	0
	6		*9	*9	0
	7		*9	*9	0
SW 16	0 to 7	Reservation	_	_	0
SW 17	0 to 7	Reservation	_	_	0
SW 18	0	Attention display	Do not call	Call	1
		To set weather to give the alarm display			
		when using the modem but the power			
	=	for the modem is OFF.			
	1 to 7	Reservation	_	_	0
SW 19 to SW	0 to 7	Reservation	_	_	0
40					

*1 Baud rate

Mode	01-7	01-6	01-5	01-4
9600 bps	0	1	1	0
19200 bps	0	1	1	1
"38400 bps"	1	0	0	0

*2 Modem redial interval

Mode	05-3	05-2	05-1	05-0
1 minute	0	0	0	1
2 minutes	0	0	1	0
"3 minutes"	0	0	1	1
4 minutes	0	1	0	0
5 minutes	0	1	0	1
6 minutes	0	1	1	0
7 minutes	0	1	1	1
8 minutes	1	0	0	0
9 minutes	1	0	0	1
10 minutes	1	0	1	0

*3 Modem redial times

Mode	06-6	06-5	06-4	06-3	06-2	06-1	06-0	
0 to 9 times		000 0000 to 000 1001						
"10 times"	0	0	0	1	0	1	0	
11 to 99 times	000 1011 to 110 0011							

*4 Retransmission interval on E-Mail delivery error

Mode	08-3	08-2	08-1	08-0
0 minute	0	0	0	0
10 minutes	0	0	0	1
20 minutes	0	0	1	0
30 minutes	0	0	1	1
40 minutes	0	1	0	0
50 minutes	0	1	0	1
"60 minutes"	0	1	1	0
70 minutes	0	1	1	1
80 minutes	1	0	0	0
90 minutes	1	0	0	1
100 minutes	1	0	1	0
110 minutes	1	0	1	1
120 minutes	1	1	0	0

*5 Retransmission times on E-Mail delivery error

Mode	09-6	09-5	09-4	09-3	09-2	09-1	09-0
0 to 9 times	000 0000 to 000 1001						
"10 times"	0	0	0	1	0	1	0
11 to 99 times	000 1011 to 110 0011						

*6 Timer 1 (RING reception → CONNECT reception)

Mode	11-7	11-6	11-5	11-4	11-3	11-2	11-1	11-0
0 to 31 sec	0000 0000 to 0001 1111							
"32 sec"	0	0	1	0	0	0	0	0
33 to 255 sec		0010 0001 to 1111 1111						

*7 Timer 2 (Dial request completed → CONNECT reception)

Mode	12-7	12-6	12-5	12-4	12-3	12-2	12-1	12-0
0 to 63 sec		0000 0000 to 0011 1111						
"64 sec"	0	1	0	0	0	0	0	0
65 to 255 sec		0100 0001 to 1111 1111						

*8 Timer 4 (Line connection → Start request telegram delivery)

Mode	14-7	14-6	14-5	14-4	14-3	14-2	14-1	14-0
0 to 31 (x 100 msec)			000	00 0000 to	00011	111		
"32 (x 100 msec)"	0	0	1	0	0	0	0	0
33 to 255 (x 100 msec)	0010 0001 to 1111 1111							

*9 Timer 5 (Wait time for other side's response)

Mode	15-7	15-6	15-5	15-4	15-3	15-2	15-1	15-0
0 to 29 sec	0000 0000 to 0001 1101							
"30 sec"	0	0	0	1	1	1	1	0
31 to 255 sec	0001 1111 to 1111 1111							

10.11.4 Setup confirmation

- Follow the steps below to make sure that CS Remote Care has been properly set up.
- 1. Call the Service Mode to the screen.
- 2. Press [CS Remote Care].
- 3. Check to make sure that only selected item is displayed.

10.11.5 Calling the Maintenance

When CE starts maintenance, inputting the ID code of CE (seven digits: numbers which CE can identify.
They are controlled by the distributor.) will transmit the information to the Center side and tells that the maintenance has started. When the maintenance is finished, touching [Maintenance Complete] key will transmit the information to the Center and tells that it is finished.

A. When starting the Maintenance

- 1. Select Service Mode and press [CS Remote Care].
- 2. Press [ID Code], and input ID Code.
- 3. Press IID Codel.

B. When finishing the Maintenance

- 1. Select Service Mode and press [CS Remote Care].
- Press [Maintenance Complete].

10.11.6 Calling the Center from the Administrator

- When the CS Remote Care setup is complete, the administrator can call the CS Remote Care center.
- 1. Select [Administrator Setting], and press [System Connection].
- 2. Press [Call Remote Center].
- 3. Press the Start key.

When the setup is not complete or another transmission is being carried out, the Call Remote Center key will not be displayed, and the transmission is not available.

Note

 For transmitting data of the machine by calling the center on the specified date and time, refer to the manual for CS Remote Care Center.

10.11.7 Checking the transmission log

- The transmission log list will be output to be checked.
- 1. Select [Service Mode] → [CS Remote Care], and press [Detail setting].
- 2. Press [Communication Log Print].
- 3. Load Tray 1 or Bypass tray with A4S paper.
- 4. Press the Start key to output transmission log.

^{*} The Start key blinks while maintenance is being carried out.

10.11.8 Detail on settings

A. System Selection

Functions	To select the system type for remote diagnosis.
Use	Use to newly build or change the system.
Setting/	Select E-Mail, Modem, or Fax.
Procedure	Fax is available only when the optional Fax kit is being installed.
	E-Mail Modem Fax

B. ID Code

Functions	To register the Service ID.
Use	Use when registering and changing Service ID.
Setting/	Enter a 7-digit code from the 10-Key Pad. (0000001 to 9999999)
Procedure	<registration></registration>
	Press ID Code and enter the Service ID.
	Press [ID code] to register the ID.
	The [Detail Setting] will appear when the ID has been registered.

C. Detail Setting

(1) Basic Setting

Functions	Execute the basic setting.							
Use	Use to change the set contents.							
	Use to register the machine to the CS Remote Care Center.							
Setting/	1. Call the Service Mode to the screen.							
Procedure	2. Press [CS Remote Care].							
	3. Touching the [Detail Setting] will display the basic setting.							
	Davis Cattian							
	Basic Setting							
	Set the Center ID and the phone No. When e-mail is selected for system and all setup procedures are completed, E-mail							
	address of the Center is displayed.							
	* When entering the phone No, 10-Keys and keys on the screen have following meanings.							
	[-] Pose : Waits to start transmitting after dialing							
	[W] Wait : Detects the dial tone of the other end							
	[T] Tone dial : Carry out tone dialing							
	[P] Pulse dial : Carry out pulse dialing							
	[*], [#] : To be used as necessary							
	<schedule (only="" [e-mail2]="" is="" selected)="" the="" when=""></schedule>							
	Set the schedule of notification to the center.							
	Up to three different notification schedules can be registered.							
	Select the notification cycle from [Day], [Week], or [Month].							
	When selecting [Day] for the notification cycle, set the Day Frequency.							
	When selecting [Week] for the notification cycle, set the Week Frequency and day of the							
	When coloring [Month], set the Month Frequency and the date of the month							
	When selecting [Month], set the Month Frequency and the date of the month.							
	<center (only="" [e-mail2]="" is="" notification="" selected)="" the="" when=""></center>							
	Select the items of data that will be sent to the center in one-way transmission through E							
	Mail2.							
	The following table shows each of the notification item keys and corresponding data.							
	[1] Sales count data [7] EKC data							
	[2] Error count data [8] Adjustment data							
	[3] Service count data [9] Not used							
	[4] Life count data [10] Not used							
	Life cycle data							
	CSRC-System data [11] Not used							
	Device config data							
	[6] History data [12] Not used							
	NOTE							
	Multiple items of data can be selected and sent at one time. However, be sure that any FKC data assured by sent together with other items of data.							
	that only EKC data cannot be sent together with other items of data.							
	Initial Transmission							
	Touching the Initial Transmission key will sent the information to the CS Remote Care							
	Center to register the machine.							
	(Only when the Modem or Fax is selected on the system Input.)							

(2) Date & Time Setting

Functions	To set the data and time-of-day
Use	Use to set or change the date and time-of-day.
Setting/	1. Call the Service Mode to the screen.
Procedure	2. Press [CS Remote Care].
	3. Press [Detail Setting] to access Date & Time Setting.
	4. Enter the date (month, day and year), time-of-day, and the time zone from the 10-Key
	Pad.
	5. Press [SET] to start the clock.

(3) RAM Clear

Functions	To clear the following data at the Center ID Code, Primary Setting, Date/Time Input (Time Zone), Software SW Setting and AT Command.
Use	To be used for setting CS Remote Care. To be used for reset the every data of the Center to default.
	NOTE • If RAM Clear is selected during transmission, RAM clear processing will be implemented at the time the transmission is completed regardless of whether it is done properly or not.
Setting/	The default setting is "Unset."
Procedure	
	Set "Unset"

(4) Communication Log Print

Functions	To print out the Communication Log.
Use	Use to output and use the Communication Log.
Setting/	1. Call the Service Mode on the screen.
Procedure	2. Press [CS Remote Care].
	3. Press [Detail Setting] to access [Communication Log Print].
	4. Load Tray 1 or Bypass Tray with A4S or 81/2 x 11 paper.
	5. Press Start key to print out the Communication Log.

(5) Software Switch Setting

Functions	To change the CS Remote Care settings.
Use	To change the settings for CS Remote Care as necessary.
Setting/	For procedures on settings, see "10.11.3 Software SW setting for CS Remote Care".
Procedure	(See P.246)

(6) Response Time Out

Functions	It sets the intervals for resending E-Mails when transmission error occurred.
	It can be set only when [E-Mail] is selected by System Setting.
Use	To use when changing the intervals for resending E-Mails when transmission error occurred.
Setting/ Procedure	The default setting is 60 minute.
	"60 minute" (10 to 1440)

(7) AT Command

Functions	 To set the command to be issued at the time of Modern Initialization. This setting is available only when [Modern] is selected for the system setting.
Use	To set the command to be issued at the time of Modem Initialization.
Setting/ Procedure	Enter the command and press [SET] to register.

D. Server Setting

• Server Setting can be set only when [E-Mail] is selected by System Setting.

(1) Server for RX

<POP3 server>

Functions	To set the POP3 server address used for the CS Remote Care.
Use	To set the address of the POP3 Server. POP3 server address can be set with IP address or the domain name.
	• FOF3 Server address can be set with if address of the domain hame.
Setting/	<input address="" ip=""/>
Procedure	IP Address Version 4 format
	[0 to 255].[0 to 255].[0 to 255].[0 to 255]
	<input fqdn=""/>
	Enter the domain name.

<POP3 login name>

Functions	To set the logon name for the POP3 server used for the CS Remote Care.
Use	To set the logon name for the POP3 server.
Setting/	The default setting is No.
Procedure	Up to 64 characters (alphanumeric characters and symbols) can be used.

<POP3 password>

Functions	To set the logon password for the POP3 server used for the CS Remote Care.
Use	To set the logon password for the POP3 server.
Setting/	The default setting is No.
Procedure	 Up to 15 characters (alphanumeric characters and symbols) can be used.

<POP3 port number>

Functions	To set the POP3 port number used for the CS Remote Care.
Use	To set the port number for the POP3 server.
Setting/	The default setting is 110.
Procedure	"110" (1 to 65535)

(2) Receive

<E-mail Address>

Functions	To set the e-mail address used for the CS Remote Care.
Use	To set the e-mail address.
Setting/	The default setting is No.
Procedure	 Up to 129 characters (alphanumeric characters and symbols) can be used.

<Mail Check>

Functions	To set whether or not to use Mail Check and the time interval for the POP server
	used for the CS Remote Care.
Use	To set whether or not to use Mail Check and the time interval for the POP server
	used for the CS Remote Care.
	To change the time interval for Mail Check.
Setting/	The default setting is No.
Procedure	"No" (1 to 120 min., No)

<Connection timeout>

Functions	To set the timeout period for connection during reception.		
Use	To change the timeout period for connection during reception.		
Setting/	The default setting is 60 Sec.		
Procedure	"60 Sec" (30 to 300 Sec)		

<APOP Authentication>

Functions	To set whether or not to authenticate the APOP during reception.		
Use	To authenticate the APOP during reception.		
Setting/	The default setting is No.		
Procedure	Yes "No"		

(3) Send

<SMTP server>

Functions	To set the SMTP sever address for transmission used for the CS Remote Care.	
Use	To set the SMTP server address	
	SMTP server address can be set by the IP address or the domain name.	
Setting/	<input address="" ip=""/>	
Procedure	IP Address Version 4 format	
	[0 to 255].[0 to 255].[0 to 255]	
	<input fqdn=""/>	
	Enter the domain name.	

<SMTP port number>

Functions	To set the SMTP port number for transmission used for the CS Remote Care.	
Use	To set the Port Number of the SMTP Server.	
Setting/	The default setting is 25.	
Procedure	"25" (1 to 65535)	

<SMTP Connection Time-out>

Functions	To set the timeout period for transmission.	
Use	To change the timeout period for connection during transmission.	
Setting/	The default setting is 60 Sec.	
Procedure	"60 Sec" (30 to 300 Sec)	

<Authentication Setting>

	ı			
Functions	To set whether or not to authenticate during transmission via SMTP server.			
Use	To use when authenticating during transmission.			
	Available authentication mode: POP Before SMTP, SMTP authentication			
Setting/	The default setting is OFF.			
Procedure	"OFF" POP Before SMTP SMTP Authentication			
	* Setting to "POP Before SMTP" will set the time for POP Before SMTP.			
	The default setting is 60 Sec.			
	"60 Sec" (0 to 60 Sec)			
	* When setting to SMTP authentication, press the "Setting Check" key for authentication. User ID : Enter the User ID for SMTP authentication. Password : Enter the password for SMTP authentication. Domain name : Enter the domain name for SMTP authentication.			

(4) TX/RX Test

Functions	To determine the correct transmission and reception using CS Remote Care.		
Use	Use to determine the correct transmission and reception using CS Remote Care.		
Setting/	Press the Start key to let the machine start the transmission and reception test.		
Procedure	 The test procedure and result will be displayed on the screen. 		

(5) Data Initialization

Functions	To initialize the contents for the sever setting.	
Use	Use to initialize the contents for the server setting.	
Setting/	The default setting is No.	
Procedure	Yes	"No"

10.11.9 List of the CS Remote Care error code

A. When Connecting by Modem

Error code	Error	Solution
0001	The line is busy (Busy detection)	Transmit again manually.
0002	Failure of the Modem default setting at transmitting (When the transmission completes with modem initial setting failed)	Check if the power of the modem is ON. Check the connecting condition between the modem and the main unit.
0003	Timeout of CONNECT at transmitting (No response to ATD)	Transmit again manually Check if the power of the modem is ON. Check the connecting condition between the modem and the main unit.
0005	Timeout of CONNECT at receiving (No response to ATA)	 Check if the power of the modem is ON. Check the connecting condition between the modem and the main unit.
0006	Shut down of the data modem line (Host) (Carrier OFF is detected)	No solution, because the line is shut down at the host side.
0008	Timeout of start request telegram delivery (Start request telegram is not delivered after line connection)	Transmit again manually.
0009	Timeout of finish request telegram delivery (Finish request telegram is not delivered (Start of shut down).)	Transmit again manually.
000A	Receiving rejection (Receiving is made when the main unit is set to reject receiving.)	 Check the setting condition of the host side. Check the setting condition of the main unit side.
000B	RS232C Driver Over Run (When the modern detects Over Run.)	If the same error is detected several times, turn the modem power OFF and ON.
000C	If the same error is detected several times, turn the modem power OFF and ON.	If the same error is detected several times, turn the modem power OFF and ON.
000D	Break Interrupt (BI) Indicator (When the modem detects Break Interrupt (BI) Indicator.)	If the same error is detected several times, turn the modem power OFF and ON.
0011	Baud Rate ERROR (When selected Baud Rate is out of the specification (9600 bps to 38400 bps).)	Check the Baud rate of the software DipSW.

Error code	Error	Solution
0018	Machine ID has already been registered (Request telegram 2 (SET-UP) comes from the main unit that has already registered Machine ID.)	Set the initial registrations again for all including the host side.
0019	Center ID Error (Center ID of the host is not identical with the one of start request telegram.)	Check Center ID setting of the main unit side. Check Center ID setting of the main unit side.
001A	Device ID inconsistency (Device ID of the host is not identical with the one of start request telegram.)	Check Device ID setting of the main unit side. Check the setting of the host side.
001B	Device ID Unregistered (Request telegram 2 (Constant data transmitting, Emergency call) comes from the main unit that has not registered Machine ID yet.)	Check Device ID setting of the main unit side. Check the setting of the host side.
001E	Impossible to change (During printing) (Setting cannot be changed because the setting change is made during the machine is printing or starts printing.)	Try again when the machine is not printing.
0020	Timeout of Telegram Delivery (At waiting mode of telegram delivery the machine fails to receive the telegram in a given time.)	Try communication again.
0027	Transmission / Receiving collision (Receiving is detecting during transmitting processing)	Try communication again.

Note

 When a code other than the ones listed above is displayed, contact KMBT and inform the error code.

B. When connecting by E-Mails

Error code	Error	Solution
0001	Connection Timeout during transmission	Check the SMTP Server on
		User side.
0***	Transmission error	Check the SMTP Server on
	***: SMTP responding code (hexadecimal)	User side.
0003	Connection timeout when receiving	Check the POP3 Server on
		User side.
0005	Receiving error	Check the POP3 Server on
		User side.
1030	Machine ID mismatching	Check the Machine ID set-
	Received an E-Mail which tells that Machine	ting.
	ID mismatches.	Check the Machine ID set-
		ting on host side.

Error code	Error	Solution
1062	Modifying not available due to the copy job currently performing When informing the host that it cannot be modified due to the copy job currently performing.	Ask the host to send another instruction mail for modifying.
1081	Frame No. error The last frame has not been received. There are missing frame No.	Check the status of the Machine registration on host side.
1084	Date expired Expiration date for data modification command has passed.	 Ask the host to send another instruction mail for modifying.
1092	Received an error mail when Center setup is not complete	Check the status of the Machine registration on host side.
2039	Socket is not connected. • LAN cable on the Copier side is detached.	Check the SMTP Server and POP3 Server on User side.
203E	Network is down. • LAN cable on the Copier side is detached.	Check the connection between the Copier on the User's side and the Network connector. Check the Network environment on the User's side.
3000	POP3_AUTHORIZATION_ERR	Check the POP3 Server environment on User's side.
3001	POP3_TRANSACTION_ERR	Check the POP3 Server environment on User's side.
3002	POP3_CONNECT_ERR	Check the POP3 Server environment on User's side.
3003	POP3_TIMEOUT_ERR	Check the POP3 Server environment on User's side.
3004	POP3_FORMAT_ERR	Check the POP3 Server environment on User's side.
3005	POP3_MEMORY_ERR	Check the POP3 Server environment on User's side.
3006	POP3_JOBID_ERR	Check the POP3 Server environment on User's side.
3007	POP3_NO_DATA_ERR	Check the POP3 Server environment on User's side.
3008	POP3_DELETE_FAIL_ERR	Check the POP3 Server environment on User's side.
3009	POP3_MAILBOX_FULL	Check the POP3 Server environment on User's side.
4103	Not Ready Tried to transmit or receive an E-Mail when the machine was not yet in the E-Mail receiving status after power was turned ON.	Wait for a while and try transmitting again.

Error code	Error	Solution			
4104	SMTP Channel Not Ready	Wait for a while and try			
		transmitting again.			
4105	POP3 Channel Not Ready	Wait for a while and try			
		transmitting again.			
4106	Not Ready other than the ones listed above.	Wait for a while and try			
		transmitting again.			

Note

- When a code other than the ones listed above is displayed, contact KMBT and inform the error code.
- C. When connecting by Fax modem

Error code	Error	Solution
T50	Host terminal ID not correct	Check the telephone number set for host.
R80	Serial number received from the host not correct.	Check the status of the Machine registration on host side.
R81	Disconnection of writing instruction from host during machine is running.	Wait for a while and try transmitting again.
R82	Disconnection of FAX-CSRC instruction when FASX-CSRC is not allowed.	Check the status of the Machine registration on host side.
R83	Host command error.	Contact KONICA MINOLTA and inform the error code.
R84	NVRAM writing error.	Contact KONICA MINOLTA and inform the error code.

Note

• When a code other than the ones listed above is displayed, see the FK-502 Service Manual.

10.11.10Troubleshooting for CS Remote Care

If communication is not done properly, check the condition by following the procedures shown below.

Shift the screen in the order of [Service Mode] → [CS Remote Care] → [Detail Setting].
 At this time, in the cases of Initial transmitting / Administrator transmitting / Maintenance Start transmitting / Maintenance Finish transmitting, the communication result will be displayed at the top of the screen.

^{*} For the communication result, the following message will be displayed based on its success or failure.

		_
Display of	Cause	Solution
Communication result		
Communicating	_	_
Communication	Although the machine tries to commu-	See the list of error message and
trouble with the	nicate with the Center, there is any	confirm the corresponding point.
Center	trouble and the communication com-	(See P.259)
	pletes unsuccessfully.	
Complete success-	_	_
fully		
Modem trouble	Although the machine tries to commu-	Check if the Power of modem in
	nicate with the Center, there is any	ON.
	trouble in the modem.	Check if there is any problem in
		connection between the modem
		and the main unit.
Busy line	Although the machine tries to commu-	Communicate with the Center
	nicate with the Center, the line to the	again.
	Center is busy.	
No response	Although the machine tries to commu-	Communicate with the Center
	nicate with the Center, there is no	again.
	response from the Center.	Check the communication envi-
		ronment of the Center side.

10.12 System 2

10.12.1 Data Capture

Set the availability/unavailability of the capture of the print job data.

Keeping the print data captured allows the reproduction of a print with which a trouble occurred.

(For particulars, see "IV. Troubleshooting" of "Field Service IC-207.")

10.12.2 Paper Size Setting

Set the paper size of LU.

A. Procedure

1. "Service Mode screen"

Press [System 2].

2. "System Input screen"

Press [Paper Size Setting].

3. "Paper Size Setting screen"

Select [Tray 3] or [LCT] and press [Paper size].

4. Press [A4] or [81/2 x 11].

5. Press [OK] twice to return to [System Input screen].

10.12.3 DipSW Setting

Set the software DipSW.

Note

. Be sure not to change the setting of DipSW that is not given in this service manual.

A. Procedure

1. "Service Mode screen"

Press [System 2].

2. "System Input screen"

Press [DipSW Setting].

3. "Software Switch Setting screen"

Press [SW No.].

4. Press the [+]/[-] or numeric keys to enter the DipSW No.

In "SW Setting value", 8-bit data of the DipSW number selected is displayed in binary digit and hexadecimal digit.

5. Press [Bit No.].

6. Press the [+]/[-] or numeric keys to enter the bit number.

7. Press either of [OFF (0)] or [ON (1)] of "Bit Data" to set a value.

8. Press [Set].

9. Repeat steps 3 to 8 to set necessary software DipSW.

10. Press [OK].

B. List of software DipSW

Note

• Be sure not to change bits with no particular reference made of the function.

DIPSW No.	Bit	Function	0	1	Def	ault set	ting
					Japan	Inch	Metric
DipSW1	0	Operation at key counter	Ignore.	Decide promptly	0	1	1
		removal		as a jam.			
	1	Total counting method of A3	1 count	2 counts	0	1	1
		(11 x 17)					
	2	_	_	_	0	0	0
	3	_	_	_	0	0	0
	4	_	_	_	0	0	0
	5	_	_	_	0	0	0
	6	_	_	_	0	0	0
	7	Restriction of the FS-522 sta-	None	Stop once at 20	0	0	0
		pled copy count		copies.			
DipSW2	0	No toner stop condition 1	Decided by	Stop at once	0	0	0
			DipSW3-2	after paper exit.			
	1	_	_	_	0	0	0
	2	_	_	_	1	1	1
	3	_	_	_	1	1	1
	4	_	_	_	0	0	0
	5	_	_	_	1	1	1
	6	-	_	_	0	0	0
	7	-	_	_	0	0	0
DipSW3	0	-	_	_	0	0	0
	1	SC latch (fusing SC)	Latch released	Latched`	0	0	0
	2	No toner stop condition 2	When a job	Stop at the break	0	0	0
			completed	of the copy print.			
	3	-	_	_	0	0	0
	4	_	_	_	1	1	1
	5	_	_	_	0	0	0
	6	_	_	_	0	0	0
	7	_	_	_	0	0	0
DipSW4	0	Detection of the toner level	*1	*1	0	0	0
	1	(toner supply display)	*1	*1	0	0	0
	2	Print stop condition after toner	*2	*2	1	1	1
	3	supply display	*2	*2	1	1	1
	4	proof copy	Valid	Invalid	0	0	0
	5	Job stop when there remains no toner	Not stop	Stop	1	1	1
	6	copy reservation	Valid	Invalid	0	0	0

DIPSW No.	Bit	Function	0	1	Det	fault set	ting
					Japan	Inch	Metric
DipSW4	7	Detection of the toner bottle	Not detects	Detects	0	0	0
		when installed					
DipSW5	0	_	_	_	0	1	0
	1	_	_	_	0	0	1
	2	_	_	_	0	0	0
	3	_	_	_	0	0	0
	4	_	_	_	0	0	0
	5	Toner save setting	*3	*3	0	0	0
	6		*3	*3	0	0	0
	7	_	_	_	0	0	0
DipSW6	0	Preliminary drum rotation of	Not rotate	Rotate	0	0	0
		when the power is on					
	1	Selection of K size for machine	Metric size	K size	0	0	0
		dispatched to Taiwan (original					
		size)					
	2	Selection of K size for machine	Metric size	K size	0	0	0
	3	dispatched to Taiwan (bypass) —			0	0	0
	4	_	_	_	0	0	0
	5	_			1		1
	6	_	_	_	1	1	1
	7	_		_	0	1	0
D: 0\4/7	0				1	0	0
DipSW7	_	_		_	-	0	_
	1	_			0	0	0
	2	_	_	_	1	0	0
	3	_	_	_	0	0	0
	4	_	_	_	0	1	0
	5	_	_	_	0	0	0
	6	_	_	_	0	0	0
	7	_	_	_	0	0	0
DipSW8	0	_	_	_	1	0	0
	1	_	_	_	1	0	0
	2	Print inhibition when getting at PM	Invalid	Valid	0	0	0
	3	_	_	_	0	0	0
	4	_	_	_	0	0	0
	5	_	_	_	0	0	0
	6	PM counting method of A3 (11 x 17)	1 count	2 counts	0	0	0
	7	_	-	_	0	0	0

DIPSW No.	Bit	Function	0	1	De	fault set	tina
		. ==	_		Japan	Inch	Metric
DipSW9	0	Copy quantity limit	*4	*4	0	0	0
'	1	1712	*4	*4	0	0	0
	2		*4	*4	0	0	0
	3		*4	*4	0	0	0
	4	_	_	_	0	0	0
	5	_	_	_	0	0	0
	6	_	_	_	0	0	0
	7	_	_	_	0	0	0
DipSW10	0	_	_	_	0	0	0
	1	_	_	_	1	1	1
	2	_	_	_	1	1	1
	3	_	-	_	0	0	0
	4	_	-	_	0	0	0
	5	Downloaded font display set-	*5	*5	0	0	0
	6	ting	*5	*5	0	0	0
	7	Jam code display	Not displayed	Displayed	1	1	1
DipSW11	0	_	_	_	0	0	0
	1	_	_	_	1	1	1
	2	_	_	_	0	0	0
	3	_	_	_	0	0	0
	4	_	_	_	0	0	0
	5	_	_	_	0	0	0
	6	_	_	_	0	0	0
	7	_	_	_	0	0	0
DipSW12	0	_	_	_	0	0	0
	1	_	_	_	0	0	0
	2	_		_	0	0	0
	3	Print count setting up to the	*6	*6	0	0	0
	4	print inhibition when getting at	*6	*6	0	0	0
	5	PM	*6	*6	0	0	0
	6	_	_	_	0	0	0
	7	_		_	0	0	0
DipSW13	0	_		_	0	0	0
	1	_		_	0	0	0
	2	_		_	0	0	0
	3	Jaggy filter selection	OFF	ON	0	0	0
	4	_		ı	0	0	0
	5	_	_	-	0	0	0
	6	Discrimination level of the non-	*7	*7	1	1	1
	7	image auto erase mode	*7	*7	0	0	0

DIPSW No.	Bit	Function	0	1	Det	fault set	tina
B	D.C	T director.			Japan	Inch	Metric
DipSW14	0	_	_	_	0	1	0
	1	_	_	_	0	1	0
	2	_	_	_	0	1	0
	3	_	_	_	0	1	0
	4	_	_	_	0	0	0
	5	_	_	_	0	0	0
	6	_	_	_	0	0	0
	7	_	_	_	0	0	0
DipSW15	0	_	_	_	0	0	0
	1	_	_	_	0	0	0
	2	_	_	_	0	0	0
	3	_	_	_	0	0	0
	4	_	_	_	0	0	0
	5	_	_	_	0	0	0
	6	Stop/non-stop due to overload	Stop at 400	Not stop	0	0	0
		when not connected to FS/job	sheets				
	7	tray.	_	_	1	1	1
DipSW16	0	Fusing temperature while in the	*8	*8	0	1	1
DIPOVITO	1	low power mode	*8	*8	0	0	0
	2	Heater operation	Heater turns ON	Heater is OFF while	1	1	1
		rieater operation	at all times.	in the sleep mode.	'	'	'
	3	Print permission before con-	Permit	Prohibit	1	1	1
		ducting TCR adjustment					
	4	_	_	_	0	0	0
	5	_	_	_	0	0	0
	6	Dot diameter adjustment con-	*9	*9	1	1	1
	7	trol	*9	*9	0/1	0	0
DipSW17	0	Foolscap size setting	*10	*10	1	1	1
	1		*10	*10	1	1	1
	2		*10	*10	0	0	0
	3	_	_	_	0	0	0
	4	_	_	_	0	0	0
	5	_	_	_	0	0	0
	6	_	_	_	0	0	0
	7	Separation claw operation OFF	Normal	OFF	0	0	0
		mode (for destination to China)					

DIPSW No.	Bit	Function	0	1	De	fault set	ting
					Japan	Inch	Metric
DipSW18	0	Separation of a defective part from the tray 1 (upper stage of the main body)	Normal	Separated	0	0	0
	1	Separation of a defective part from the tray 2 (lower stage of the main body)	Normal	Separated	0	0	0
	2	Separation of a defective part from the bypass feed	Normal	Separated	0	0	0
	3	_	_	_	0	0	0
	4	Separation of a defective part from the tray 3 (PC-206 upper stage/PC-407)	Normal	Separated	0	0	0
	5	Separation of a defective part from the tray 4 (PC-206 lower stage)	Normal	Separated	0	0	0
	6	Separation of a defective part from the tray 5 (LU)	Normal	Separated	0	0	0
	7	_	_	_	0	0	0
DipSW19	0	Separation of a defective part from the printer controller (IC)	Normal	Separated	0	0	0
	1	Separation of a defective part from the FAX kit (FK)	Normal	Separated	0	0	0
	2	_	_	_	0	0	0
	3	Separation of a defective part from HDD	Normal	Separated	0	0	0
	4	_	_	_	0	0	0
	5	_	_	_	0	0	0
	6	_	_	_	0	0	0
	7	Separation of a defective part from DF	Normal	Separated	0	0	0
DipSW20	0	Separation of a defective part from the network	Normal	Separated	1	1	1
	1	Separation of a defective part from IEEE1284	Normal	Separated	0	0	0
	2	Separation of a defective part from USB	Normal	Separated	0	0	0
	3	_	_	_	0	0	0
	4	_	_	_	0	0	0
	5	Separation of a defective part from SD	Normal	Separated	0	0	0
	6	_	_	_	0	0	0
	7	_	_	_	0	0	0

DIPSW No.	Bit	Function	0	1	Det	fault set	ting
					Japan	Inch	Metric
DipSW21	0	_	_	_	1	0	1
	1	_	_	_	0	0	0
	2	Platen/ADF size recognition	8½ x 14	Foolscap	0	0	0
		switchover					
	3	_	_	_	0	0	0
	4	Operation at key counter	Destroy jobs	Not destroy jobs	0	0	0
		removal					
	5	Platen small size (81/2 x 11/A4	*11	*11	0	1	0
		or less) setting		(11)	0	0	0
	6	Operation at key counter	Ignore	(same as the)	0	0	0
		removal (printer)		Setting of DipSW1-0			
	7	_		Dip3W1-0	0	0	0
Di Ollion	7		_	—	0	0	_
DipSW22	0	FAX print operation when a	Forced memory	Print all FAX jobs	0	0	0
		parallel vendor is connected	reception				
	1	FAX print fee collection control	Not collect for	Collect for forced	0	0	0
		when a parallel vendor is con-	forced memory	memory recep-			
	_	nected	reception	tion, too			_
	2	Printer operation when a paral- lel vendor is connected	Permit to print	Prohibit printing	0	0	0
	3	Printer operation when a paral-	Permit confiden-	Permit all print	0	0	0
		lel vendor is connected (Confi-	tial print only				
		dential print)					
	4	_	_	_	0	0	0
	5	Non-image area erase when	Not erase	Erase	0	0	0
		copying with magnification					
		changed (original glass)					
	6	Image rotation not at continu-	Rotate to 180°	Not rotate	0	0	0
		ous scanning (original glass)					
	7	_	_	_	0	0	0
DipSW23	0	_	_	_	1	1	1
	1	_	_	_	1	1	1
	2	_	_	_	1	1	1
	3	_	_	_	1	1	1
	4	Tray full detection at the exit of	Not detected	Detected	0	0	0
		100 sheets while in the FS					
		non-staple (FS-522)					
	5	Tray full detection at the exit of	Not detected	Detected	1	1	1
		100 sheets while in the FS sta-					
		ple (FS-522)					
	6	_	_	_	0	0	0
	7	_	_	_	0	0	0
	L	L	l	I			1

DIPSW No.	Bit	Function	0	1	De	fault set	ting
					Japan	Inch	Metric
DipSW24	0	_	_	_	0	0	0
	1	_	_	_	0	0	0
	2	_	_	_	0	0	0
	3	_	_	_	0	0	0
	4	_	_	_	0	0	0
	5	_	_	_	0	0	0
	6	_	_	_	0	0	0
	7	Stop setting between jobs in the continuous print operation of small jobs.	*12	*12	0	0	0
DipSW25	0	_	_	_	0	0	0
	1	_	_	_	0	0	0
	2	_	_	_	0	0	0
	3	Switchover of the TSL control	Normally ON/OFF	All OFF	0	0	0
	4	_	_	-	0	0	0
	5	_	_	_	0	0	0
	6	Image rotation when stapling is not selected	Not rotate	rotate to 180°	0	0	0
	7	_	_	_	0	0	0
DipSW26	0	Polygon motor stop timer	15 seconds	30 seconds	0	0	0
	1	_	_	_	0	0	0
	2	_	_	-	0	0	0
	3	Reference image position for bypass custom paper	At the center	On the rear side of paper	0	0	0
	4	RS-232C I/F setting	Valid	Invalid	0	0	0
	5	_	_	_	0	0	0
	6	_	_	_	0	0	0
	7	_	_	-	0	0	0
DipSW27	0	_	_	_	0	0	0
	1	_	_	_	0	0	0
	2	_	_	_	0	0	0
	3	_	_	_	0	0	0
	4	_	_	_	0	0	0
	5	_	_	_	0	0	0
	6	_	_	_	0	0	0
	7	_	_	_	0	0	0
DipSW28	0	_	_	_	0	0	0
	1	_	_	_	0	0	0
	2	_	_	_	0	0	0
	3	_	_	_	0	0	0

DIPSW No.	Bit	Function	0	1	Def	fault set	ting
					Japan	Inch	Metric
DipSW28	4	_	_	_	0	0	0
	5	_	_	_	0	0	0
	6	-	_	_	0	0	0
	7	_	_	_	0	0	0
DipSW29	0	Transfer/separation output	*13	*13	0	0	0
	1	selection of the user paper	*13	*13	0	0	0
	2	(tray)	*13	*13	1	1	1
	3	TSL (transfer exposure lamp)	*14	*14	0	0	0
	4	control of the user paper (tray)	*14	*14	0	0	0
	5	_	_	_	0	0	0
	6	_	_	_	1	1	1
	7	_	_	_	0	0	0
DipSW30	0	Transfer/separation output	*15	*15	0	0	0
	1	selection of the user paper	*15	*15	0	0	0
	2	(bypass)	*15	*15	0	0	0
	3	TSL control of the user paper	*16	*16	0	0	0
	4	(bypass)	*16	*16	0	0	0
	5	_	_	_	0	0	0
	6	_	_	_	0	0	0
	7	FCOT-EE setting	No pre-scan	Pre-scan	0	0	0
DipSW31	0	_	_	_	0	0	0
	1	_	_	_	0	0	0
	2	_	_	_	0	0	0
	3	_	_	_	0	0	0
	4	_	_	_	0	0	0
	5	_	_	_	0	0	0
	6	Audit log setting	Invalid	Valid	0	0	0
	7	_	_	_	0	0	0
DipSW32	0		_	_	0	0	0
	1		_	_	0	0	0
	2	_		_	0	0	0
	3	Image log transmission function key display	Invalid	Valid	0	0	0
	4	_	_	_	0	0	0
	5	_	_	_	0	0	0
	6	_	_	_	0	0	0
	7	_	_	_	0	0	0
DipSW33	0	Switchover of the punch hole	*17	*17	0	1	0
	1	number (PU)	*17	*17	0	0	1
	2	_	_	_	0	0	0
	3	_	_	_	0	0	0
	4	_	_	_	0	0	0

DipSW33 5	DIPSW No.	Bit	Function	0	1	Det	fault set	tina
DipSW34	B.: 011 1101	D	r directori	Ü	·			
Composition	DipSW33	5	_		_	·		
DipSW34 0 System ON/OFF while in the sleep or the power switch (SW2) OFF 1 1 1 1 1 1 1 1 1		6	_		_	0	0	0
Sleep or the power switch (SW2) OFF		7	_	_	_	0	0	0
Sleep or the power switch (SW2) OFF	DipSW34	0	System ON/OFF while in the	ON	OFF	1	1	1
1 FS-522 paper exit tray position *18			*					
18			(SW2) OFF					
3		1	FS-522 paper exit tray position	*18	*18	0	0	0
A Print start permission when SD-507 is supplied with paper. Permit Prohibit 0 0 0 0		2		*18	*18	0	0	0
SD-507 is supplied with paper. 5		3		*18	*18	0	0	0
5		4	Print start permission when	Permit	Prohibit	0	0	0
Country Coun			SD-507 is supplied with paper.					
T		5	_	_	_	0	0	0
DipSW35 O Custom original support *19 *19 O O O O			_	_	_	1		1
1		7	_	_	_	0	0	0
2	DipSW35	0	Custom original support	*19	*19	0	0	0
3		1		*19	*19	0	0	0
4		2	_	_	_	0	0	0
5		3	_	_	_	0	0	0
export permission setting		4		_	_	0	0	0
Reset		5	· ·	Valid	Invalid	0	0	0
through the scanner 7 0 0 0 DipSW36 0 1 1 1 1 Telnet used or not used Not used Used 0 0 0 2 Fusing temperature setting *20 *20 0 0 0 3 when normal paper is selected *20 *20 0 0 0 4 Fusing temperature setting *21 *21 0 0 0 when thick paper, envelope or label is selected 5 Fusing temperature setting *22 *22 0 0 0 when thin paper is selected. 6 Fusing temperature setting *23 *23 0 0 0			, ,					
Tollow T		6		Reset	Not reset	0	0	0
DipSW36 0		_	ű.					
1 Telnet used or not used Not used Used 0 0 0 0 0 2 Fusing temperature setting *20 *20 0 0 0 0 3 when normal paper is selected *20 *20 0 0 0 0 4 Fusing temperature setting *21 *21 0 0 0 0 when thick paper, envelope or label is selected 5 Fusing temperature setting *22 *22 0 0 0 when thin paper is selected. 6 Fusing temperature setting *23 *23 0 0 0 0	Di Ollion	,				_		
2 Fusing temperature setting	DipSW36					·	·	· ·
3 when normal paper is selected *20 *20 0 0 0 4 Fusing temperature setting *21 *21 0 0 0 when thick paper, envelope or label is selected 5 Fusing temperature setting *22 *22 0 0 0 when thin paper is selected. 6 Fusing temperature setting *23 *23 0 0 0		·				_		
4 Fusing temperature setting *21 *21 0 0 0 when thick paper, envelope or label is selected 5 Fusing temperature setting *22 *22 0 0 0 when thin paper is selected. 6 Fusing temperature setting *23 *23 0 0 0						_		
when thick paper, envelope or label is selected 5 Fusing temperature setting *22 *22 0 0 0 when thin paper is selected. 6 Fusing temperature setting *23 *23 0 0 0		_				_		
label is selected 5 Fusing temperature setting *22 *22 0 0 0 when thin paper is selected. 6 Fusing temperature setting *23 *23 0 0 0		4		^21	^21	0	Ü	0
5 Fusing temperature setting *22 *22 0 0 0 when thin paper is selected. 6 Fusing temperature setting *23 *23 0 0 0								
when thin paper is selected. 6 Fusing temperature setting *23 *23 0 0 0		5		*22	*22	0	0	0
				· -		_	-	_
7 when OHP is selected. *23 *23 0 0 0		6	Fusing temperature setting	*23	*23	0	0	0
		7	when OHP is selected.	*23	*23	0	0	0

DIPSW No.	Bit	Function	0	1	Default setting		ting
					Japan	Inch	Metric
DipSW37	0	Operation when FS reaches	Restore automati-	Restore manually	0	0	0
		the maximum capacity	cally				
	1	FAX stamp setting	Invalid	Valid	0	0	0
	2	Image selection when fixing	Copier image	Test pattern No.9	0	0	0
		motor clock adjusted					
	3	Switchover of the original glass	*24	*24	0	0	0
	4	and the ADF size detection	*24	*24	0	0	0
	5	Size conversion of A4/81/2 x 11 when the original glass is small size	*25	*25	0	0	0
	6	Frame Erasure Setting when selecting [Minimal] in the magnification	Invalid	Valid	0	0	0
	7	Paper selection of different	Priority to	Priority to	0	0	0
		direction when APS is ON	productivity	the paper			
				in same direction			
DipSW38	0	_	_	_	0	0	0
	1		_	_	0	0	0
	2	_	_	_	0	0	0
	3	Operation at setting paper	*26	*26	0	0	0
	4	onto the bypass feed tray	*26	*26	0	0	0
	5	The number of copies stored in the box in printing	1 copy	Some copies specified with the driver	0	0	0
	6	_	_	_	0	0	0
	7	_	_	_	0	0	0
DipSW39	0	_	_	_	0	0	0
	1	_	_	_	0	0	0
	2	LDAP retrieval when manual input is prohibited	Invalid	Valid	0	0	0
	3	-	_	_	0	0	0
	4	_	_	_	0	0	0
	5	Performance improvement when using the Scan to HDD	*27	*27	0	0	0
	6	ScanToBox/FaxToBox Setting when the management unit, the vender and the key counter are installed	Invalid	Valid	0	0	0
	7	Command support setting of Media Type Emperor	*28	*28	0	0	0

*1 Toner level detection (toner supply display)
Set the copy count that is printed until the print operation is terminated from the toner near empty is displayed after the toner level sensor (PZS) detects toner empty for a certain period of time.

Mode	4-1	4-0
After 0 print or its equiva-	0	0
lent		
After 100 print or its	Ö	1
equivalent		
After 200 print or its	1	0
equivalent		
After 500 print or its	1	1
equivalent		

*2 Print stop condition after the toner supply display Set the copy count that is printed until the print is prohibited after a message set by DipSW4-0/1 is displayed.

Mode	4-3	4-2
100 prints or its equiva-	0	0
lent		
400 prints or its equiva-	0	1
lent		
700 prints or its equiva-	1	0
lent		
1000 prints or its equiva-	1	1
lent		

*3 Toner save setting

Toner consumption can be reduced by bringing the developing bias and the charging grid potential down below 50V (20 steps). And it is also possible to increase the image density a little by bringing the potential up above 50V (20 steps).

Mode	5-6	5-5
No adjustment made	0	0
Toner consumption	0	1
increased (Image density		
increased)		
Toner consumption	1	0
reduced (Image density		
reduced)		
No adjustment made	1	1

*4 Copy quantity limit

Mode	9-3	9-2	9-1	9-0
No limit	0	0	0	0
1 print	0	0	0	1
3 prints	0	0	1	0
5 prints	0	0	1	1
9 prints	0	1	0	0
10 prints	0	1	0	1
20 prints	0	1	1	0
30 prints	0	1	1	1
50 prints	1	0	0	0
99 prints	1	0	0	1
250 prints	1	0	1	0
No limit	1	0	1	1
No limit	1	1	0	0
No limit	1	1	1	0
No limit	1	1	1	1

*5 Downloaded font display setting

Mode	10-7	10-6
Not displays	0	0
Display Greek	0	1
Display Hebrew	1	0
Display Greek/Hebrew	1	1

*6 Setting of the print count made up to the time of the print inhibition when gettint to PM

When getting at DipSW8-2PM with the print inhibition set to "1", the print stops after getting at the PM count shown on the right.

Mode	12-5	12-4	12-3
1000 prints	0	0	0
2000 prints	0	0	1
3000 prints	0	1	0
4000 prints	0	1	1
5000 prints	1	0	0

*7 Discrimination level of the non-image auto erase mode

This setting is made in the non-image erase mode of an applicable function. The image area detection threshold value is set when the non-image erase function set by the administrator is set to no limit.

Mode	13-7	13-6
Corresponding to dark	0	0
original		
Standard	0	1
Corresponding to light	1	0
interference		
_	1	1

*8 Fusing temperature while in the low power
Set the fusing temperature while in the low power
mode.

Mode	16-1	16-0
The fusing heater lamps /1 (L2) and /2	0	0
(L3) turn on when the thermistors /1		
(TH1) and /2 (TH2) are respectively at		
70 °C, and turn OFF when they are at		
80 °C.		
The fusing heater lamps /1 (L2) and /2	0	1
(L3) turn ON when the thermistors /1		
(TH1) and /2 (TH2) are respectively at		
120 °C, and turn OFF when they are at		
130 °C.		
The fusing heater lamps /1 (L2) and /2	1	0
(L3) turn ON when the thermistors /1		
(TH1) and /2 (TH2) are respectively at		
150 °C, and turn OFF when they are at		
160 °C.		
The fusing heater lamps /1 (L2) and /2	1	1
(L3) turn ON when the thermistors /1		
(TH1) and /2 (TH2) are respectively at		
70 °C, and turn OFF when they are at		
80 °C.		

*9 Dot diameter adjustment control Change the timing when the dot diameter adjustment is made.

Mode	16-7	16-6
The humidity is 60% or	0	0
more and the power		
switch turns OFF for more		
than 8 hours.		
The power switch turns	0	1
OFF for more than 8		
OFF for more than 8 hours.		
	1	0

*10 Foolscap size setting Set the definition of the foolscap size.

Mode	17-2	17-1	17-0
8½ x 13	0	0	0
81/4 x 13	0	0	1
81/8 x 13	0	1	0
8 x 13	0	1	1

*11 Platen small size ($8\frac{1}{2}$ x 11/A4 or less) setting Default setting is "1" for inch and "0" for metric.

Mode	21-5
A notice is made in a size detected by	0
APS.	
A notice is made as A4 (Japan) /	1
8½ x 11 (inch) size.	

*12 Stop setting between jobs in the continuous print operation of small jobs.

Set this setting to "1" when the problem which the power of the main body turns OFF/ON occurs during printing the small jobs continuously.

*13 Selection of the transfer/separation output of the user paper (tray)

Set the transfer/separation output that is applicable when selecting the user paper in [Paper type] of [Utility menu].

24-7
0
1

Mode	29-2	29-1	29-0
Normal paper (Japan)	0	0	0
Normal paper (inch)	0	0	1
Normal paper (metric)	0	1	0
Thick paper	0	1	1
Thin paper	1	0	0
Recycled paper	1	0	1

Mode	29-4	29-3
Normal ON control	0	0
All OFF	0	1
Switching over depending	1	0
on the environment		

Mode	30-2	30-1	30-0
Normal paper (Japan)	0	0	0
Normal paper (inch)	0	0	1
Normal paper (metric)	0	1	0
Thick paper	0	1	1
Thin paper	1	0	0
Recycled paper	1	0	1

Mode	30-4	30-3
Normal control	0	0
All OFF	0	1
Switching over depending	1	0
on the environment		

*14 TSL control of the user paper (tray)

Set the TSL control that is applicable when selecting the user paper in [Paper type] of [Utility menu]. When selecting "Switch over depending on the environment," conduct the TSL control by switching over "Normal ON control"/"All OFF" according to the humidity detected by the humidity sensor (HUMS).

*15 Selection of the transfer/separation output of the user paper (bypass)

When selecting the bypass tray, set the transfer/separation output that is applicable when the user paper is selected in [Specialty paper] of "Change Tray settings" or when it is selected in [Paper type] of [Utility menu].

*16 TSL control of the user paper (bypass)

When selecting the bypass tray, set the TSL control that is applicable when the user paper is selected in [Specialty paper] of "Change Tray settings" or when it is selected in [Paper type] of [Utility menu].

When selecting "Switch over depending on the environment," conduct the TSL control by switching over "Normal control"/"All OFF" according to the humidity detected by the humidity sensor (HUMS).

*17 Switchover of the punch hole number (PU) While in the use of PU-501, set the number of punch holes to be displayed on the operation board. This can be set regardless of the destination of the main body.

Default setting is 3 holes for inch and 4 holes for metric.

Mode	33-1	33-0
2 holes (Japan)	0	0
3 holes (inch)	0	1
4 holes (metric)	1	0
4 holes (Sweden)	1	1

Mode	34-3	34-2	34-1
Not fixed	0	0	0
Tray 1	0	0	1
Tray 2	0	1	0
Tray 3	0	1	1
Folding/stitch-and-fold	1	0	0
tray (SD)			
Not fixed	1	0	1
	1	1	0
	1	1	1

*19 Custom original support Set when copying custom originals.

Mode	35-1	35-0
Does not support cus-	0	0
tom originals		
Custom original mode	0	1
Custom original size AMS	1	0
(center zoom)		
Not allowed	1	1

*20 Fusing temperature setting while in the selection of plain paper

When there occurs a problem (insufficient fusing, large paper curl) with fusibility while in the selection of plain paper, change the fusing set temperature.

- Countermeasure
 - Increase the temperature: To suppress a jam due to an insufficient fusing and the wind-up of paper around the roller.
 - 2) Decrease the temperature: To suppress a paper curl and the undulation of paper.
- *21 Fusing temperature setting while in the selection of thick paper, envelope, label.

When there occurs a problem (insufficient fusing) with fusibility while in the selection of thick paper, envelope and label, change the fusing set temperature. (For countermeasure, see *20.)

Mode	36-3	36-2
Standard	0	0
Standard + 10 °C	0	1
Standard + 5 °C	1	0
Standard – 10 °C	1	1

Mode	36-4
Standard	0
Standard + 10 °C	1

^{*18} FS-522 paper exit tray position Set the stop position of the paper exit tray.

*22 Fusing temperature setting while in the selection of thin paper

When there occurs a problem (insufficient fusing) with fusibility while in the selection of thin paper, change the fusing set temperature. (For countermeasure, see *20.)

Mode	36-5
Standard	0
Standard + 10 °C	1

*23 Fusing temperature setting while in the selection of OHP

When there occurs a problem (insufficient fusibility and large paper curl) with fusibility while in the selection of OHP, change the fusing set temperature. (For countermeasure, see *20.)

*24 Switchover of the original glass and the ADF size detection

This setting is to support the originals of other than the standard size.

Mode	36-7	36-6
Standard	0	0
Standard + 10 °C	0	1
Standard – 20 °C	1	0
Standard – 10 °C	1	1

Mode	37-4	37-3
No setting	0	0
Size detection setting of	0	1
8½ x 13½		
(for Hong-Kong area)		
Detection setting of	1	0
8½ x 14		
(for Europe area)		
Setting is prohibited		

*25 Size conversion of A4 /8½ x 11 when the original glass is small size.

This setting is to convert the size conversion of the small originals whitch are detectable.

Note

- The size conversion of the small size originals which are undetectable can be set with Dipsw21-5.
- *26 Operation at setting paper onto the bypass feed tray

Set the operation when setting paper onto the bypass feed tray.)

Mode	37-5
Invalid	0
Valid	1

Mode	38-4	38-3
Reset size with selecting	0	0
the bypass feed tray		
Does not reset size with	0	1
selecting the bypass feed		
tray		
Reset size without select-	1	0
ing the bypass feed tray		
Reset size without select-	1	1
ing the bypass feed tray		

*27 Set the resolution when using the Scan To HDD Set the converting resolution of the scanner.

Mode	39-5
Specify the resolution when scanning	0
Convert the resolution with software	1
after scanning	

Note

- When set to "0", the image is converted at the resolution specified with the press panel. However with the default setting (200dpi), the performance speed is high but the image quality is degrated.
- When set to "1", the image is scanned at 600dpi.
- When set to "1", the resolution is converted with the software so that the performance speed is slowed down.

*28 Setting for supporting of MediaType command of Emperor

The countermeasure for the trouble that the A3 double-sided printing job is not performed nomally when orderd by PCL5.

This is default setting to prevent the trouble.

Note

 When "1" is selected for this setting, Media Type is supported but print abnormality may occur.

Mode	39-7
Not support setting of Media Type.	0
Support setting of Media Type.	1

10.12.4 ISW

For particulars, see "5. FIRMWARE VERSION UP".

(See P.98)

bizhub 501/421/361

10.12.5 Option

Let the main body recognize the installing condition of the optional HDD and FAX.

A. Procedure

1. "Service Mode screen"

Press [System 2].

2. "System Input screen"

Press [Option].

3. "Option screen"

Press [Installed] or [Not Installed] to select the installation or non-installation of the HDD, FAX and stamp.

4. Press [OK].

10.12.6 Network FAX Setting

Sets to use the network FAX.

• At this moment on January 2007, "SIP FAX" is unavailable.

A. Procedure

1. "Service Mode screen"

Press [System 2].

2. "System Input screen"

Press [Network FAX Setting].

3. "Network FAX Setting screen"

Press either [ON] or [OFF] to choose whether to use the network FAX (IP address FAX / SIP FAX / Internet FAX) or not.

NOTE

- When it is set to "ON", you can choose whether to use or not by performing the following setting.
- [Administrator Setting] → [Network Setting] → [Network FAX Setting] → [Network FAX Function Settings]
- 4. Press [OK].

10.12.7 Trouble Reset

After completion of the handling of a trouble related to the fusing system, release the trouble.

Note

- When a trouble related to the fusing system occurs, the software DipSW3-1 (SC latch) is set to "1" ("0" for default). This adjustment is used to return this to the default condition (normal operation).
- When an SC code is displayed on the touch panel, you cannot enter the service mode. Accordingly, the following shows the method for resetting a trouble from the power-off condition.

A. Procedure

- 1. Turn ON the main power switch (SW1).
- 2. With the Utility/Counter key pressed, turn ON the power switch (SW2).
- 3. Press [Trouble reset] to release a trouble with [OK] displayed.
- 4. Turn OFF and ON the power switch (SW2).

10.12.8 Internet ISW

For details, See "5. FIRMWARE VERSION UP".

10.13List Output

10.13.1 List output

Outputs various types of lists.

Lists that can be output are as shown below.

- Machine Management List
- Adjustment List
- Service Parameter
- · Protocol Trace Last
- Protocol Trace Error
- Fax Setting List
- FAX analysis list

A. Procedure

1. "Service Mode screen"

Press [List Output].

2. "List Output screen"

Press the list to output for selection, then select [1-Sided/2-Sided] and [Paper Tray].

3. Press the Start key.

The list selected is output.

4. "List Output screen"

When outputting other lists, repeat steps 2 to 3.

5. Press [END].

Service Mode screen appears.

10.14Test Mode

10.14.1 Test pattern list

The following test patterns can be output.

- Full Image Halftone (No. 1)
- Gradation Pattern (No. 2)
- Gradation Pattern (No. 3)
- Gradation Pattern (No. 5)
- Beam Gap Check (No. 11)
- Line Check Pattern (No. 16)

Note

• Be sure not to output a test pattern that is not given in this service manual.

No.1 Overall halftone (8-bit output)

[Check item]

· When the density is set at 70 (halftone)

When there are white stripes or black stripes, check to see if an abnormality is found with the scanner system or process system

[Recommended sections to be checked]: Developing unit, cleaning glass, charging corona, transfer/separation corona, scanner mirror, slit glass and original glass

• When the density is set at 0 (white)

When an image fogging occurs, check the process system to see if an abnormality is found with it. [Recommended sections to be checked]: Charging corona, and the contact of a high voltage power source

· When the density is set at 255 (black)

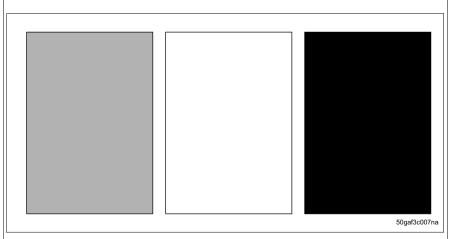
When the density is thin, check the process system to see if an abnormality is found with it.

[Recommended sections to be checked]: Write unit

Test pattern

When the density is set at 70. When the density is set at 0.

When the density is set at 255.



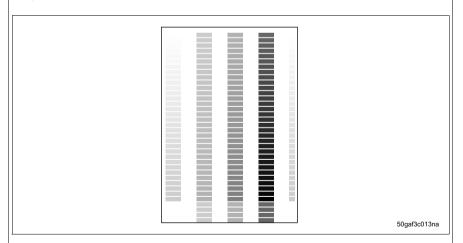
No.2 Gradation pattern

[Check item]

When fogging appears or density is thin, check the process system and the gamma correction to see if which is defective.

Regardless of this test pattern being normal, any trouble is found with the print image, the image processing system or scanner system is considered defective.

Test patterns

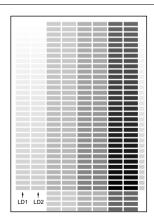


No.3 Gradation pattern (8-bit output)

[Check item]

- Check to see if the laser output of LD1/LD2 is uniform and if the gradation is reproduced without a break.
 [Recommended sections to be checked]: Write unit, and LD offset adjustment
- For LD offset adjustment, see "10.4.11 LD1 Offset Adj. / LD2 Offset Adj.".
 (See P.189)

Test pattern



50gaf3c008na

No.5 Gradation pattern (8-bit output)

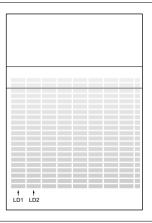
[Check item]

Check the pattern to see if the laser output of LD1/LD2 is uniform with the gradation continuously reproduced.

[Recommended checkpoints]: Write unit, LD offset adjustment

For LD offset adjustment, see "10.4.11 LD1 Offset Adj. / LD2 Offset Adj.".
 (See P.189)

Test pattern



50gaf3c009na

No.11 Beam check (8-bit output)

[Check item 1]

 Check to see if there is a difference in density found with the solid black pattern in the main scan and sub scan directions.

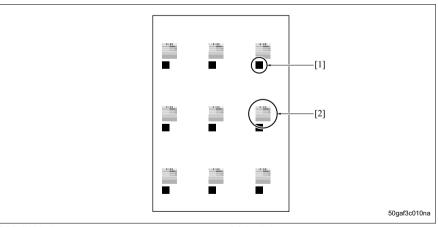
[Recommended sections to be checked]: Charging corona, transfer/separation corona, developing unit, and write dust-proof glass.

[Check item 2]

Check to see if an image crawling occurs with the gradation pattern at the leading edge and/or trailing
edge of the test pattern in the sub scan direction.

[Recommended sections to be checked]: Transfer/separation corona

Test pattern



[1] Solid black pattern

[2] Gradation pattern

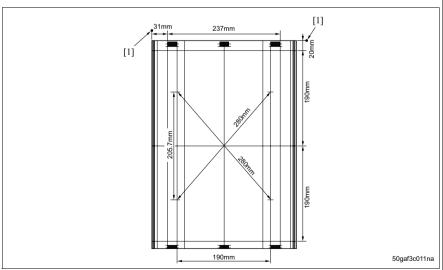
No.16 Linearity evaluation pattern (1-bit error diffusion output)

[Check item]

Judge from this test pattern whether the scanner system or the printer system is abnormal.

Items that can be checked include main scan magnification, sub scan magnification, image skew, and leading edge timing of the printer system. If the copy image is defective despite no abnormality being visible on the test pattern, the scanner system is defective.

Test pattern



[1] Edge of paper

10.14.2 Test pattern output

There are two methods provided for the test pattern output.

- · Output it by selecting the item of each test pattern. (Procedure A)
- Output it by specifying the test pattern number. (Procedure B)

Note

bizhub 501/421/361

Be sure not to output a test pattern that is not given in this service manual.

A. Procedure for a test pattern output

1. "Service Mode screen"

Press [Test Model.

2. "Test Mode screen"

Press either of the following: [Full Image Halftone], [Gradation Pattern (No. 2)], [Gradation Pattern (No. 5)], [Gradation Pattern (No. 5)], [Beam Gap Check] and [Line Check Pattern].

3. Screen for each pattern

When specifying any density, enter a density value through [+]/[-] keys and press [Setting].

When selecting an overall halftone, it is possible to select a halftone density by [0 (White)], [70 (Halftone)] and [255 (Black)].

- 4. Press [Test Copy].
- 5. "Test Copy screen"

Select A3 (for metric) or 11 x 17 (for inch) paper and press the Start key.

- 6. Check the test pattern and press [END].
- 7. When outputting other test patterns, repeat steps 2 to 6.
- 8. Press [OK].

B. Procedure for any test pattern output

1. "Service Mode screen"

Press [Test Mode].

2. "Test Mode screen"

Press [Test pattern output mode].

3. "Test Pattern Output Mode screen"

Press [Pattern No.] and specify a test pattern number through the [+]/[-] keys.

When specifying any density, press [Density Setting], enter a density value through the [+]/[-] keys and press [Setting].

- 4. Press [Test Copy].
- 5. "Test Copy screen"

With A3 (for metric) or 11 x 17 (for inch) paper selected, press the Start key.

- 6. Check the test pattern and press [END].
- 7. When outputting other test patterns, repeat steps 3 to 7.
- 8. Press [OK].

10.14.3 Running Mode

Conduct a continuous print operation test.

In this mode, the following items can be selected.

Intermittent Copy Mode

The machine shifts into the ready condition after completion of the print operation of the set copy count and conducts the same operation after waiting for 0.5 sec.

· Paperless Running Mode

In this mode, no paper is fed and none of the paper detection/jam detection is made while in the operation. The print operation is made nearly at the same timing as the usual operation with no transfer/separation control made. The machine shifts into the ready condition after completion of the print operation of the set copy count and conducts the same operation after waiting for 0.5 sec.

Paperless Mode

With no paper fed and none of the paper detection/jam detection made, the print operation is made nearly at the same timing as the usual operation.

· Paperless Endless Mode

The operation is made with the set copy count automatically set with no limit. Like the paperless mode, the print operation is made nearly at the same timing as the usual operation with no paper fed and none of the paper detection/jam detection made.

· Progress Running Mode

The combined operation of the paperless endless mode plus the scan operation and the stepped change of the auto paper feed is made. This is not use in the field.

A. Procedure

- "Service Mode screen" Press [Test Mode].
- 2. "Test Mode screen"
- Press [Running mode].
- "Running Mode screen"

 Press [Intermittent Copy] to [Paperless Endless] and select a test mode to be conducted.
- 4. Press the Start key to start the running test.
- 5. Press the Stop key to stop the running test.
- 6. Turn off and on the power switch (SW2) to exit the running test mode.

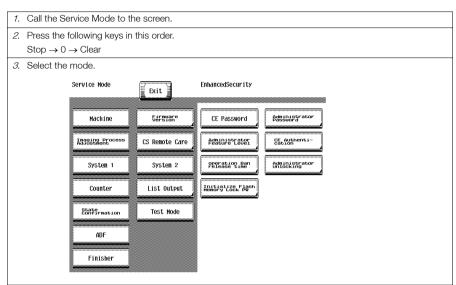
10.15Fax setting

For particulars of the setting, see FK-502 Service Manual.

10.16Enhanced Security

10.16.1 Enhanced Security function setting procedure

A. Procedure



B. Exiting

1. Press the [Exit].

10.16.2 Enhanced Security function tree

Service Mode		See
Enhanced Security	CE Password	P.296
	Administrator Password	P.296
	Administrator Feature Level	P.297
	CE Authentication	P.297
	Operation Ban release time	P.298
	Administrator unlocking	P.298
	Initialize Flash Memory Lock PW	P.299

10.16.3 CE Password

Functions	To set and change the CE password.
Use	Use to change the CE password.
Setting/	 Enter the CE password (8 digits) on the on-screen keyboard.
Procedure	The initial setting is "92729272."
	Current Password: Enter the currently using CE password.
	New Password: Enter the new CE password.
	Re-Input Password: Enter the new CE password again.
	NOTE
	When the following setting leads to the Password Rules [ON], the password
	with the same letters as well as the password which is same as the previous
	one cannot be changed.
	[Administrator Settings] → [Security Settings]
	 NEVER forget the CE password. When forgetting the CE password, call responsible person of KMBT.

10.16.4 Administrator Password

Functions	 To set and change the administrator password. 	
Use	Use to change the administrator password.	
	Use this function when the administrator forget the administrator password	
	because a new password can be set without entering the current administrator	
	password with this.	
Setting /	Enter the administrator password (8 digits) on the on-screen keyboard.	
Procedure	The initial setting is "12345678."	
	New Password: Enter the new administrator password.	
	Re-Input Password: Enter the new administrator password again.	
Í	NOTE	
	 When the following setting leads to the Password Rules [ON], the password with the same letters, the password which is same as the previous one and the password of less than eight digits cannot be changed. 	
	[Administrator Settings] → [Security Settings]	

10.16.5 Administrator Feature Level

Functions	Set the range of settings which are available to administrator.				
Use	When [Level2] is selected on this function, the functions shown below can be set by the administrator.				
	Items can I	be set by administrator	Level1	Level2	Prohibit
	[System Settings]- [Standard Size	Original Glass Original Size Detect	×	0	×
	Setting]	ADF Original Size Detect	×	0	×
		Original Glass Small Size Detect	×	0	X
		Foolscap Size Setting	×	0	×
		Detect Size Setting	×	0	×
Setting / Procedure	The default setting is "Prohibit".				
	Level1	Level2		"Prohib	it"

10.16.6 CE Authentication

When the "ON" is selected in [Password Rules] or [Enhanced Security Mode] of [Utility] → [Administrator Settings] → [Security Settings], this function is not displayed.

Functions	Set the CE Password authentication when enter the Service mode.	
Use	Use to activate the authentication with CE Password when enter the Service mode.	
Setting /	Default setting is "OFF"	
Procedure	ON "OFF"	
	NOTE • In case "Valid" is suitable for [Password Rules] or [Enhanced Security Mode] of [Utility] → [Administrator Settings] → [Security Settings], be sure to set the CE Authentication "ON" in advance. Also be sure to change in advance the CE Password from default setting.	

10.16.7 Operation Ban release time

Functions	 To set the time that elapses before the machine releases an access lock that is acti-
	vated after the CE password authentication.
Use	 To set the period of time that elapses before the machine releases the access lock, which aims to prevent the unintentional release of the access lock. After the CE password authentication, if the access lock is activated, the lock release timer starts to operate by input the Stop → 0 → 9 → 3 → 1 → 7 in [Meter Count] → [Check Details] after the main power switch is turned OFF and On. When the timer reaches the time specified in this setting, the access lock is released.
Setting /	The default setting is 1 (minutes).
Procedure	
	1 - 60 (minutes)
	NOTE • When Enhanced Security Mode is set to ON in [Administrator Settings] → [Security Settings] → [Enhanced Security Mode], the period of time that can be set in this setting is 5 minutes or more.

10.16.8 Administrator unlocking

Functions	To release an access lock that is activated after an administrator password authentication.
Use	 To release the access lock with service authority when an administrator password authentication fails and the access lock is activated. When the main power switch is turned OFF and ON or the period of time set in the Release Time Settings elapses, the machine releases the access lock that is activated after the administrator password authentication. In addition to these operations, this setting provides another way to release the access lock.
Setting /	1. Press [Administrator unlocking].
Procedure	2. Press [unlocking] to release an access lock.
	3. When [OK] is displayed, press [OK].

10.16.9 Initialize Flash Memory Lock PW

If the CF card is replaced for any reason when the Flash memory lock password is specified, the following two misalignments may occur.

- The misalignment of the Flash memory lock password between the CF card and the NVRAM board (NRB)
- The misalignment of the HDD model type and the HDD serial number between the installed HDD and the
- data of CF card. (In case HDD is installed.)

When the misalignments above are caused by replacing the CF card, use F Memory Lock PW Initialize function to initialize or reset the items shown below.

1) Flash memory lock password initialize

When the Flash lock password is misaligned between CF card and NVRAM board (NRB), C-D303 is displayed and the system stops. This function is arranged to initialize the Flash memory lock password to solve this misalignment.

2) HDD resetting

When the HDD model type and the HDD serial number are misaligned between the installed HDD and the data of CF card, HDD is not recognized and the machine behaves as described below according to the setting of enhanced security mode.

- When [Enhanced Security Mode] is specified to "Valid": Stops due to C-D001 ("HDD error")
- When [Enhanced Security Mode] is specified to "Invalid": Starts without recognizing HDD.

This function is arranged to specify the model and the serial number of installed HDD to the CF card to make available the HDD which once failed to be recognized.

Note

 When the HDD model type and HDD serial type specified to CF card are different from ones of installed HDD, the HDD resetting does not function to prevent the fraud use of HDD. HDD resetting works only when the HDD model type and the HDD serial number are not specified to CF card.

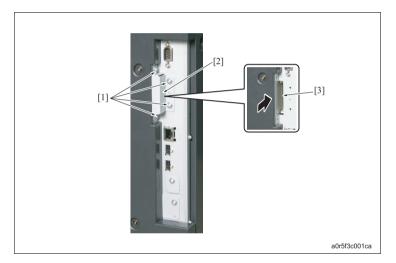
A. Procedure when the HDD not installed

Be sure to prepare the CF card formatted normally in advance.

Note

bizhub 501/421/361

- When the CF card is replaced for any reason, the stored data is not guaranteed. Therefore when
 executing this function, be sure to use the CF card which has been formatted normally.
- As the flash memory lock password is canceled after executing this procedure, be sure to tell
 users to reconfigure the Flash memory lock password.
- 1. Turn OFF the power switch (SW2) and the main power switch (SW1).
- Remove the four screws [1] to remove the cover [2], then replace the CF card inserted to CF card slot [3] with another CF card which has been formatted normally.



NOTE

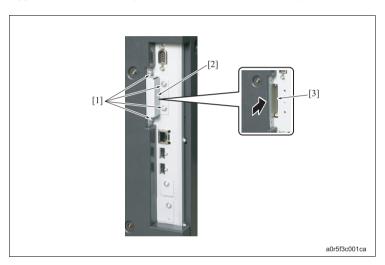
- When inserting the CF card, be sure to fully insert with its top side to the front side of the main body.
- 3. Turn ON the main power switch (SW1) and the power switch (SW2), and after startup the main body, check that the malfunction code "C-D303" is displayed.
- 4. Enter the security mode.
- "Enhanced Security screen"
 Press [Initialize Flash Memory Lock PW].
- To initialize the Flash memory lock password, press [Yes].
 Press [No] when not initialize.
- Turn OFF and ON again the power switch (SW2) and the main power switch (SW1) to start the main body
- 8. Reconfigure each user information.

B. Procedure when the HDD installed

Be sure to prepare the CF card formatted normally in advance.

Note

- When the CF card is replaced for any reason, the stored data is not guaranteed. Therefore when
 executing this function, be sure to use the CF card which has been formatted normally.
- As the flash memory lock password is canceled after executing this procedure, be sure to tell
 users to reconfigure the flash memory lock password.
 - 1. Turn OFF the power switch (SW2) and the main power switch (SW1).
- Remove the four screws [1] to remove the cover [2], then replace the CF card inserted to CF card slot [3] with another Flash memory card which has been formatted normally.



Note

- When inserting the CF card, be sure to fully insert with its top side to the front side of the main body.
- · For information about procedure for formatting CF card, contact the support section of BJ.
- Turn ON the main power switch (SW1) and the power switch (SW2), and after startup the main body, check that the malfunction code "C-D303" is displayed.
- 4. Enter the service mode.
- "Service Mode screen"
 Press [Installed] in [System2] → [Option] → HDD to reset the HDD to installed condition.
- Turn OFF and ON the main power switch (SW1) and the power switch (SW2), and after startup the main body, check that the malfunction code "C-D303" is displayed again.
- 7. Enter the security mode.
- "Enhanced Security screen"
 Press [Initialize Flash Memory Lock PW].
- To initialize the Flash memory lock password and reset the HDD, press [Yes].
 Press [No] when not initialize.

- 10. Turn OFF and ON again the power switch (SW2) and the main power switch (SW1) to restart the main body.
- 11. Back up the address and image information.

NOTE

- . Be sure to back up the address as PSDA/PSWC.
- . The image information needs be printed to back up.
- 12. Enter the service mode.
- 13. "Service Mode screen"
 - Press [State Confirmation] \rightarrow [Memory/HDD Adjustment] \rightarrow [HDD Format].
- 14. Press [AII] \rightarrow [Yes] to format the HDD and align with the status of CF card.
- 15. Restore the data which is backed up at step 11 to the HDD.
- 16. Reconfigure each user information.

10.17Billing Setting

10.17.1 Billing Setting function setting procedure

A. Procedure

1. Call the Service Mode to the screen. 2. Press the following keys in this order. Stop \rightarrow 9 3. Select the mode. Service Mode Billing Setting Exit Firmware Version Machine Counter Setting Management Function Choice Imaging Process Adjustment CS Remote Care System 1 System 2 List Output Counter State Confirmation Test Mode ADF

B. Exiting

1. Press the [Exit].

10.17.2 Billing Setting function tree

Finisher

Service Mode		See
Billing Setting	Counter Setting	P.304
	Management Function Choice	P.305

Functions	To set the counting	method for the	total counter ar	nd size counter.		
	To set the size regarded as the large size (2 counts.)					
Use	Use to change the counting method for the counters.					
Setting/	Total Counter					
Procedure	Default setting is"Mode1".					
	Mode1:1 count per 1 copy cycle (Default: Others4, Japan)					
	Mode2: Large size is do	ouble counts (De	efault: US, Euro	pe, Others1, Ot	hers2, Others3	
	NOTE					
	The content of this setting is reflected in the count method with the key counter.					
	Size Counter					
	• A3/11 x 17		:When it exce	eeds 279 mm	in the main so	
			direction and 420 mm in the sub scan dir tion (exceeds 399 mm at fax scan), it			
	regarded as the large size.					
	• A3/B4/11 x 17/8½ x 14		:When it exceeds 215 mm in the main sca			
			direction and 355 mm in the sub scan direction a			
		tion (exceeds 337 mm at fax scan), it is				
	regarded as the large size. • A3/11 x 17/B4/8½ x 14/Foolscap :When it exceeds 203 mm in the			in the media con		
	• A3/11 X 17/D4/0/2)	direction and 330 mm in the sub scan direction				
	tion (exceeds 313 mm at fax scan)					
			regarded as the large size (However the size the main scan direction changes according			
			the foolscap size setting.)			
	Not counted (Default: Others 4, Japan)					
	A3 and 11 x 17 (Default: US)					
	 A3, B4, 11 x 17, and 8¹/₂ x 14 (Default: Europe, Others 1, Others 2, Others 3) 					
	• A3, B4, Foolscap, 11 x 17, 11 x 14, and 8 ¹ / ₂ x 14					
	*Count-up List					
	Copying	Copying 1-sided copy 2-sided copy				
	Size	Sizes other than	Specified sizes	Sizes other than	Specified sizes	
		those specified		those specified		
	Mode	Mode	Mode	Mode	Mode	
						



0: No count; 1: 1 count; 2: 2 counts; 3: 3 counts; 4: 4 counts

10.17.4 Management Function Choice

To set whether or not the following items are to be mounted.
 Key Counter, Management Device (Data controller), Authentication Device, or Vendor

Note

- It will not be displayed when the following setting is set to "ON".
 [Administrator Settings] → [Security Setting] → [Enhanced Security Mode]
- When the setting shows that [Management Device 1], [Management Device 2] or [Vendor 2] is mounted, the following applications will be invalid. PC FAX transmission / HDD TWAIN / PS Box Operator / PS Scan Direct / PS Job Spooler Also, the following setting will be set to "Disable". [Administrator Settings] → [Security Setting] → [Management Function Setting] → [Network Function Setting]

A. Key Counter I/F Vender

Functions		
Use	Not used	
Setting /	- Not used	
Procedure		

B. Authentication Device 1

Functions	To set whether or not the authentication device 1 is installed.	
Use	Set when the authentication device 1 (PageACSES) is mounted.	
Setting /	NOTE	
Procedure	The setting is available only when user authentication and account track are	
	set "OFF" with [Administrator Settings] \rightarrow [User Authentication/Account	
	Track] \rightarrow [General Setting].	
	When the Authentication Device mount setting is set to "mount", make sure	
	that the [IP Address Fax] and [Internet Fax] settings are set to "OFF" with	
	[Service Mode] \rightarrow [System 2] \rightarrow [Network Fax Settings].	

C. Authentication Device 2

Functions	To set whether or not the authentication device 2 is installed.		
Use	Set when the authentication unit (biometric type or card type) is mounted. Set Authentication Device (Finger Vein Biometrics type or IC card authentication		
	type) installed.		
	, ,	vein) authentication system	
	Card : Uses IC card authentication system		
	When selecting biometrics, set a film timeout interval.		
	When selecting IC card authentication, a response timeout interval is displayed.		
	(The interval is unchangeable.)		
Setting /	<authentication mode=""></authentication>		
Procedure			
	Card	Biometrics	

D. Key Counter Only

Functions	To set whether or not the key counter is installed.					
Use	Set when the key counter is mounted.					
	Select [Color Mode] and [Message] when the key counter is mounted.					
Setting/	* Color Mode					
Procedure	ullet When [Mode 1] is set on [Total Counter Mode] after selecting [Billing Setting] $ullet$					
	[Counter setting].					
	Mode 1: 1 count per 1 copy cycle					
	Mode 2: 2 counts per 1 copy cycle					
	Mode 3: 3 counts per 1 copy cycle					
	Mode 4: 4 counts per 1 copy cycle					
	Mode 5: 5 counts per 1 copy cycle					
	When [Mode 2] is set on [Total Counter Mode] after selecting [Billing Setting] →					
	[Counter setting] and large size is selected on [Large Size Counter Mode]					
	Mode 1: 2 counts per 1 copy cycle					
	Mode 2: 4 counts per 1 copy cycle					
	Mode 3: 6 counts per 1 copy cycle					
	Mode 4: 8 counts per 1 copy cycle					
	Mode 5: 10 counts per 1 copy cycle					
	When [Mode 2] is set on [Total Counter Mode] after selecting [Billing Setting] →					
	[Counter setting] and sizes other than large size are selected on [Large Size Counter					
	Mode]					
	Mode 1: 1 count per 1 copy cycle					
	Mode 2: 2 counts per 1 copy cycle					
	Mode 3: 3 counts per 1 copy cycle					
	Mode 4: 4 counts per 1 copy cycle					
	Mode 5: 5 counts per 1 copy cycle					
Setting/	* Message					
Procedure	Select the message type when the administrative unit is mounted.					
	Type 1: Message for key counter					
	Type 2: Message for card scanning					
	Type 3: Message for ID management					
	Type 4: Message for remote SW					
	* Confirmation copy					
	Set whether to allow a confirmation copy when a key counter is installed.					
	The default setting is Ban.					
	License "Ban"					
	★ The next job reservation					
	 Set whether to allow the reservation of the next job when a key counter is installed. 					
	The default setting is Ban.					
	License "Ban"					
	NOTE					
	 The setting is available only when user authentication and account track are set "OFF" with [Administrator Settings] → [User Authentication/Account Track] → [General Setting]. 					

E. Management Device 1

Functions	To set whether or not the management device 1 is installed.
Use	Set when the management device 1 is mounted.
Setting/ Procedure	 NOTE The setting is available only when user authentication is set "OFF" and account track is set "Off" or "Account Name + Password" with [Administrator Settings] → [User Authentication/Account Track] → [General Settings].

F. Management Device 2

Functions	To set whether or not the management device 2 is installed.
Use	Set when the management device 2 is mounted.
Setting/ Procedure	* Management Setting
Procedure	Select the Management Setting Mode
	Mode 1: Use contact type device (Logout with ID key is not allowed.)
	Mode 2: Use non-contact type device (Logout with ID key is allowed.)
	NOTE
	The setting is not available when either "External Server" of user authentica-
	tion, "Password Only" of account track, "Do not synchronize" of user authentication and account track or "Allow" of public user access has been set with [Administrator Settings] → [User Authentication/Account Track] → [General Settings].

G. Vendor 1

Functions		
Use	Not used.	
Setting/	Trot dood.	
Procedure		

H. Vendor 2

Functions	To set whether or not the vendor 2 is	s installed.				
Use	Set when the vendor 2 is mounted.					
	•	n the key counter, inserting the key counter				
	will set it to the "Key Counter Modor Mode".	ode" and removing it will set it to the "Ven-				
Setting/ Procedure	Select color mode and message of l (Only for key counter, the type of mounting.)	key counter. the color mode and message are same after				
	 Confirmation copy Set whether to allow a confirmation copy when a key counter is installed. The default setting is Ban. 					
	License	"Ban"				
	 The next job reservation Set whether to allow the reservation of the next job when a key counter is installed. The default setting is Ban. 					
	License	"Ban"				
	Select message of vendor.					
	* Message Type 1: Message for key counter Type 2: Message for card scanning Type 3: Message for ID management	t				
	NOTE • The setting is available only when user authentication and account track are set "OFF" with [Administrator Settings] → [User Authentication/Account Track] → [General Setting].					

Note

Performing the setup for each unit to be mounted will internally change the setting values below. It
needs resetting when cancelling the setting in order to set back to "not mounted" because the
setting value will remain.

Setting Item		Vendor 2	Authentication	Key Counter	Management	Management
			Device 1		Device 1	Device 2
	Default Copy Settings	Factory Default		_	_	_
	Default Scan/Fax Settings	Factory Default		_	_	_
>	Copy Oper- ating Screen	[Ye	es]	_	_	_
Utility	Fax Active Screen	Rx Disp	lay [Yes]	_	_	_
	Scan/Fax Settings Default Tab	Direct Input	_	_	_	_
	Left Panel Display Default	[Job	List]	_	_	_
	Each Function Setting (When IC- 207 is not mounted)	Copy, PC print, Send Data, and Print others will be set to "ON".	Copy, PC print, Send Data, and Print others will be set to "ON".	_	Copy will be set to "ON". PC print, Send Data, and Print others will be set to "OFF".	Copy, PC print, Send Data, and Print others will be set to "ON".
Administrator Settings	Each Function Setting (When IC-207 is mounted)	Send Data will	be set to "ON".			
Administr	Administra- tor Security Level	Prohibit		_	_	_
	Weekly Timer ON/ OFF Setting	OFF —		_	_	_
	Restrict Access to Job Settings	Changing Job Priority, Deleting Other User's Jobs, Registering and Changing Addresses, Changing Zoom Ratio will be set to "Restrict".		_	_	_

	Setting Item	Vendor 2	Authentication	Key Counter	Management	Management
	t		Device 1		Device 1	Device 2
	External Memory Function Settings	Document wil		t and Print oe set to	_	_
	Forward TX Setting	Ol	FF	_	_	_
	OpenAPI Setting	Access Setting will be set to "Restrict" and Authentication will be changed to "OFF" setting.	Access Setting will be set to "Restrict".	_	_	_
sbı	IPP Setting	_	IPP Setting will be set to "OFF", and Accept IPP job will be set to "OFF".	_	_	_
or Settir	AppleTalk Setting	_	OFF	_	_	_
Administrator Settings	SMB Setting	_	Scan Set- ting, Print Setting will be set to "OFF".	_	_	_
	E-mail TX (SMTP)	_	E-mail TX Setting, Scan to E- mail, E-mail Notification, Meter Count Notification will be set to "Restrict".	_	_	_
	WebDAV Cli- ent Settings	_	WebDAV Cli- ent Settings will be set to "OFF".	_	_	_
	Web Service Settings Printer set- ting/Scanner setting	Printer Setting and Scanner setting will be set to "OFF".		_	Printer Setting and Scanner setting will be set to "OFF".	

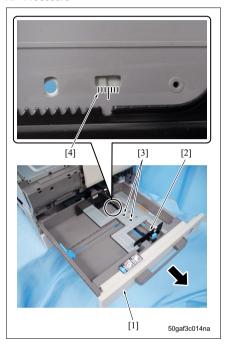
	Setting Item	Vendor 2	Authentication	Key Counter	Management	Management
			Device 1		Device 1	Device 2
	Status Notifi-		All setting			
Settings	cation Set-		items will be			
etti	ting	_	set to "OFF".	_	_	_
5	Notification					
Administrator	Item Setting					
inis	Image Log					
Adn	Transfer Set-	[No]	_	_	_	_
	tings					

11. MECHANICAL ADJUSTMENT

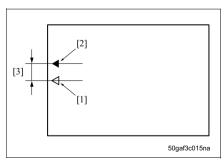
11.1 Mis-centering adjustment of the trays 1 and 2

This adjustment is made when there occurs a mis-centering that cannot be adjusted in the service mode.

A. Procedure



- 1. Pull out the tray [1].
- 2. If there remains any paper, remove it thoroughly.
- 3. When the paper guide [2] is set to the small size position, expand it.
- 4. Loosen the 2 screws [3].
- 5. Move the paper guide [2] and adjust the center position with the marking-off [4] as a guide.
- 6. Tighten the 2 screws [3].

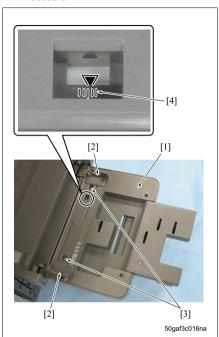


- 7. Set the tray with paper put in it.
- 8. Conduct the copy/print operation and check to see if the mis-centering between the center [1] of the paper and the center [2] of the copied image is within a standard value (± 3 mm or less [3]).
- When the value is not within the standard value, repeat steps 1 to 8 until the standard value can be obtained.

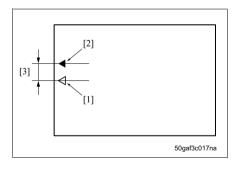
11.2 Mis-centering adjustment of the bypass tray

This adjustment is made when there occurs a mis-centering that cannot be adjusted in the service mode.

A. Procedure



- 1. Open the bypass tray [1].
- 2. If paper is set, remove it.
- When the paper guide [2] is set to the small size position, expand it.
- 4. Loosen the 2 screws [3].
- 5. Move the paper guide [2] and adjust the center position with the marking-off [4] as a guide.
- 6. Tighten the 2 screws [3].



- 7. Set paper in the bypass tray.
- Conduct the copy/print operation and check to see if the mis-centering between the center [1] of the paper and the center [2] of the copied image is within a standard value (± 3 mm or less [3]).
- When the value is not within the standard value, repeat steps 1 to 8 until the standard value can be obtained.

JUSTMENT/SETTIN(

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■ TROUBLESHOOTING

12. JAM CODE

12.1 Jam code list

Classification	Jam code		Cause	Resulting	Correction
Bypass	J-1000	Ouring operation	The vertical conveyance sensor (PS2) does not turn ON within a specified period of time after the feed clutch /BP (CL6) turns ON.	operation If there is a sheet of paper being printed when a jam	Pull out the paper from the bypass tray and remove jammed paper if any.
Tray 1	J-1100	Duri	The registration sensor (PS1) does not turn ON within a specified period of time after the feed clutch /1 (CL4) turns ON.	occurs, the main body completes the paper exit before stopping	Open the vertical conveyance door and ADU and remove jammed paper if any.
Tray 2	J-1200		The vertical conveyance sensor (PS2) does not turn ON within a specified period of time after the feed clutch /2 (CL5) turns ON.	operations.	Pull out the tray and remove jammed paper if any.
	J-1201		The registration sensor (PS1) does not turn ON within a specified period of time after the vertical conveyance sensor (PS2) turns ON.		
PC-206	J-1300		The vertical conveyance sensor /3 (PS117) does not turn ON a specified period of time after the paper feed motor /3 (M122) turns ON.		Open the right door of PC and the vertical conveyance door of the main body and remove
PC-407			The vertical conveyance sensor (PS2) does not turn ON a specified period of time after the paper feed motor (M1) turns ON.		jammed paper if any. Pull out the tray and remove jammed paper if any.
PC-206	J-1301		The vertical conveyance sensor (PS2) of the main body does not turn ON within a specified period of time after the vertical conveyance sensor /3 (PS117) of PC-206 turns ON.		
PC-407	J-1302		The vertical conveyance sensor (PS2) of the main body does not turn ON within a specified period of time after the vertical conveyance sensor (PS2) of PC-407 turns ON.		
	J-1305		The paper feed sensor (PS1) does not turn ON within a specified period of time after the paper feed motor (M1) turns ON.		

Classification	Jam code		Cause	Resulting operation	Correction
PC-407	J-1306	operation	The paper feed sensor (PS1) does not turn OFF within a specified period of time after the PS1 turns ON.	If there is a sheet of paper being printed	Open the right door of PC and the vertical conveyance door of the
	J-1307	During	The vertical conveyance sensor (PS2) does not turn ON within a specified period of time after the paper feed sensor (PS1) turns ON.	when a jam occurs, the main body completes the paper exit	main body and remove jammed paper if any. Pull out the tray and remove jammed paper
	J-1308		The paper feed sensor (PS2) does not turn OFF within a specified period of time after the PS2 turns ON.	before stopping operations.	if any.
	J-1309		When a paper feed start signal is sent out to PC-407 from the main body, a recieve signal from PC-407 is not sent out within a specified period of time after that.		
	J-1311		The shift position sensor (PS11) does not turn ON within a specified period of time after shift home sensor (PS12) turns OFF.		
PC-206	J-1400		The vertical conveyance sensor /4 (PS126) does not turn ON within a specified period of time after the paper feed motor /4 (M123) turns ON.		
	J-1401		The vertical conveyance sensor /3 (PS117) does not turn ON within a specified period of time after the vertical conveyance sensor /4 (PS126) turns ON.		
LU	J-1500		The LU exit sensor (PS155) does not turn ON within a specified period of time after the feed clutch (CL151) turns ON.		Open the upper door of LU and the vertical conveyance door of the main body and remove
	J-1501		The vertical conveyance sensor (PS2) of the main body does not turn ON within a specified period of time after the LU exit sensor (PS155) turns ON.		jammed paper if any.
Other	J-2001 J-2002		Emergency stop jam of the system While in the print, the vertical convey- ance door opens.	The main body and the optional device stop	Remove jammed paper if any from optional device / main body.
	J-2003		The ADU door is opened while in printing.	immediately.	
PC	J-2004 J-2005		The ADU is opened while in printing. While in the print, the right door opens.	-	

Classification	Jam code		Cause	Resulting	Correction
Olabbilloation	ouri codo		Gaase	operation	Concolor
FS	J-2006	_	While in the print, the front door	The main body	Remove jammed paper
1.0	0 2000	ation	opens.	and the optional	if any from optional
FS-522	J-2007	ber	While in the print, the guide plate	device stop	device / main body.
10 022	0 2001	o bu	switch (SW4) turns OFF.	immediately.	,
FS-523		During operation	While in the up drive operation of the		
. 0 020			tray, the shutter switch (SW2) turns		
			ON.		
	J-2008		While in the print, FS-523 comes off		
			from the main body.		
RU	J-2009		While in the print, the front door		
			opens.		
FS-523	J-2010		While in the print, the upper door		
			opens.		
MT			While in the print, the right door		
			opens.		
SD			While in the print, the saddle-stitching		
			section opens.		
Conveyance	J-3000		The registration sensor (PS1) does	The printer sec-	Open ADU and remove
			not turn OFF within a specified period	tion stops	jammed paper if any.
			of time after the registration clutch	immediately.	
			(CL1) turns ON.		
	J-3100		The fusing exit sensor (PS3) does not		
			turn ON within a specified period of		
			time after the registration clutch (CL1) turns ON.		
Fusing	J-3200		The fusing exit sensor (PS3) does not		
Fusing	J-3200		turn OFF within a specified period of		
			time after the PS3 turns ON.		
Reversing	J-3300		The reverse sensor (PS27) does not		
riovololing	0 0000		turn ON within a specified period of		
			time after the fusing exit sensor (PS3)		
			turns ON.		
	J-3400		The reverse sensor (PS27) does not		
			turn OFF within a specified period of		
			time after the PS27 turns ON.		
Other	J-5001		A print start signal is not sent out from	The main body	Open the right door of
			the overall control board (OACB)	and the optional	PC, the vertical convey-
			within a specified period of time after	device stop	ance door of the main
			the registration sensor (PS1) turns	immediately.	body and ADU and
			ON.		remove jammed paper
					if any.

Classification	Jam code		Cause	Resulting	Correction
Ciassilication	Jam code		Cause	operation	Correction
DF	J-6001	_	The DF open/close switch (SW3)	The DF stops	Open the open/close
DF	J-6001	operation	turns OFF while in the DF operation.	immediately. If	cover and remove
	1,0000	Sera		there is paper	jammed paper if any.
	J-6002	g og	The cover open/close sensor (PS7)	being trans-	јантнестрарентану.
		During (turns OFF while in the DF operation.	ferred or having	
	J-6101	△	While in the single sided mode, the	been trans-	
			original feed sensor (PS6) does not	ferred, the main	
			turn ON within a specified period of	body completes	
			time after the original feed motor (M1)	the paper exit	
			turns ON.	before stopping	
	J-6102		When feeding the first original in the	operations.	
			mode other than the single sided	,	
			mode, the original feed sensor (PS6)		
			does not turn ON within a specified		
			period of time after the original feed		
	1.04.00	_	motor (M1) turns ON.		
	J-6103		When feeding the second original in		
			the mode other than the single sided		
			mode, the original feed sensor (PS6)		
			does not turn ON within a specified period of time after the original feed		
			motor (M1) turns ON.		
	J-6104		, ,		
	J-6104		When feeding the third original in the		
			mode other than the single sided		
			mode, the original feed sensor (PS6) does not turn ON within a specified		
			period of time after the original feed		
			motor (M1) turns ON.		
	J-6105	1	, ,		
	3-6103		While in the single sided mode, the original feed sensor (PS6) does not		
			turn OFF within a specified period of		
			time after the PS6 turns ON.		
	J-6106		When feeding the first original in the		
	5-0100		mode other than the single sided		
			mode, the original feed sensor (PS6)		
			does not turn OFF within a specified		
			period of time after the PS6 turns ON.		
	J-6107	-	When feeding the second original in		
	G-0101		the mode other than the single sided		
			mode, the original feed sensor (PS6)		
			does not turn OFF within a specified		
			period of time after the PS6 turns ON.		
<u></u>					

Classification	Jam code		Cause	Resulting	Correction		
Ciacomoation	oan oodo		Gudoo	operation	Concensi		
DF	J-6108	J-6108 :	J-6108	During operation	When feeding the third original in the mode other than the single sided mode, the original feed sensor (PS6) does not turn OFF within a specified period of time after the PS6 turns ON.	The DF stops immediately. If there is paper being trans- ferred or having been trans-	Open the open/close cover and remove jammed paper if any.
	J-6201		While in the single sided mode, the original registration sensor (PS9) does not turn ON within a specified period of time after the feed motor (M1) turns ON.	ferred, the main body completes the paper exit before stopping operations.			
	J-6203		When feeding the first original in the mode other than the single sided mode, the original registration feed sensor (PS9) does not turn ON within a specified period of time after the feed motor (M1) turns ON.				
			When feeding the second original in the mode other than the single sided mode, the original registration sensor (PS9) does not turn ON within a specified period of time after the feed motor (M1) turns ON.				
			When feeding the third original in the mode other than the single sided mode, the original registration sensor (PS9) does not turn ON within a specified period of time after the feed motor (M1) turns ON.				
	J-6205		While in the single sided mode, the original registration sensor (PS9) does not turn OFF within a specified period of time after the PS9 turns ON.				
	J-6206		When feeding the first original in the mode other than the single sided mode, the original registration sensor (PS9) does not turn OFF within a specified period of time after the PS9 turns ON.				
	J-6207		When feeding the second original in the mode other than the single sided mode, the original registration sensor (PS9) does not turn OFF within a specified period of time after the PS9 turns ON.				

Classification	Jam code		Cause	Resulting operation	Correction		
DF	J-6208	During operation	When feeding the third original in the mode other than the single sided mode, the original registration sensor (PS9) does not turn OFF within a specified period of time after the PS9 turns ON.	The DF stops immediately. If there is paper being transferred or having been transferred, the main body completes the paper exit before stopping operations.	Open the open/close cover and remove jammed paper if any.		
	J-6301		While in the single sided mode, the original detection sensor (PS8) does not turn ON within a specified period of time after the original coveyance motor (M2) turns ON.				
	J-6302		When feeding the first original in the mode other than the single sided mode, the original detection sensor (PS8) does not turn ON within a specified period of time after the original coveyance motor (M2) turns ON.				
	J-6303		When feeding the second original in the mode other than the single sided mode, the original detection sensor (PS8) does not turn ON within a specified period of time after the original coveyance motor (M2) turns ON.				
	J-6304				When feeding the third original in the mode other than the single sided mode, the original detection sensor (PS8) does not turn ON within a specified period of time after the original coveyance motor (M2) turns ON.		
	J-6305		While in the single sided mode, the original detection sensor (PS8) does not turn OFF within a specified period of time after the PS8 turns ON.				
	J-6306		-	When feeding the first original in the mode other than the single sided mode, the original detection sensor (PS8) does not turn OFF within a specified period of time after the PS8 turns ON.			
	J-6307		When feeding the second original in the mode other than the single sided mode, the original detection sensor (PS8) does not turn OFF within a specified period of time after the PS8 turns ON.				

Classification	Jam code	l	Cause	Resulting	Correction
				operation	
DF	J-6308	During operation	When feeding the third original in the mode other than the single sided mode, the original detection sensor (PS8) does not turn OFF within a specified period of time after the PS8 turns ON.	The DF stops immediately. If there is paper being trans- ferred or having been trans-	jammed paper if any.
	J-6501	When idling	While in the idle, the original feed sensor (PS6) is ON.	ferred, the main body completes	
	J-6502	When	While in the idle, the original registration sensor (PS9) is ON.	the paper exit before stopping operations.	
	J-6503		While in the idle, the original feed sensor (PS6) or the original registration sensor (PS9) is ON.		
	J-6504		While in the idle, the original exit sensor (PS10) is ON.		
	J-6505		While in the idle, the original registration sensor (PS6) or the original exit sensor (PS10) is ON.		
	J-6506		While in the idle, the original registration sensor (PS9) or the original exit sensor (PS10) is ON.		
	J-6507		While in the idle, any of the original feed sensor (PS6), the original registration sensor (PS9) or the original exit sensor (PS10) is ON.		
	J-6508		While in the idle, the original detection sensor (PS8) is ON.		
	J-6510 J-6511 J-6512		While in the idle, the original registration sensor (PS6) or the original detection sensor (PS8) is ON.		
			While in the idle, the original registration sensor (PS9) or the original detection sensor (PS8) is ON.		
			While in the idle, any of the original feed sensor (PS6), the original registration sensor (PS9) or the original detection sensor (PS8) is ON.		
			While in the idle, the original detection sensor (PS8) or the original exit sensor (PS10) is ON.		
	J-6513		While in the idle, any of the original feed sensor (PS6), the original detection sensor (PS8) or the original exit sensor (PS10) is ON.		

Classification	Jam code		Cause	Resulting	Correction
DF	J-6514		While in the idle any of the original	operation The DE stone	Open the open/alass
DF	J-0514	During operation When idling	While in the idle, any of the original registration sensor (PS9), the original detection sensor (PS8) or the original exit sensor (PS10) is ON.	The DF stops immediately. If there is paper being transferred or having been transferred, the main body completes the paper exit before stopping operations.	Open the open/close cover and remove jammed paper if any.
	J-6515		While in the idle, any of the original feed sensor (PS6), the original registration sensor (PS9), the original detection sensor (PS8) or the original exit sensor (PS10) is ON.		
	J-6601		While in the single sided mode, the original exit sensor (PS10) does not turn ON within a specified period of time after the original coveyance motor (M2) turns ON.		
	J-6602		When feeding the first original in the mode other than the single sided mode, the original exit sensor (PS10) does not turn ON within a specified period of time after the original coveyance motor (M2) turns ON.		
	J-6603		When feeding the second original in the mode other than the single sided mode, the original exit sensor (PS10) does not turn ON within a specified period of time after the original coveyance motor (M2) turns ON.		
	J-6604		When feeding the third original in the mode other than the single sided mode, the original exit sensor (PS10) does not turn ON within a specified period of time after the original coveyance motor (M2) turns ON.		
	J-6605		While in the single sided mode, the original exit sensor (PS10) does not turn OFF within a specified period of time after the PS10 turns ON.		
	J-6606		When feeding the first original in the mode other than the single sided mode, the original exit sensor (PS10) does not turn OFF within a specified period of time after the PS10 turns ON.		

Classification	Jam code		Cause	Resulting	Correction
				operation	
DF	J-6607	During operation	When feeding the second original in the mode other than the single sided mode, the original exit sensor (PS10) does not turn OFF within a specified period of time after the PS10 turns ON.	The DF stops immediately. If there is paper being trans- ferred or having been trans-	Open the open/close cover and remove jammed paper if any.
	J-6608		When feeding the third original in the mode other than the single sided mode, the original exit sensor (PS10) does not turn OFF within a specified period of time after the PS10 turns ON.	ferred, the main body completes the paper exit before stopping operations.	
FS-522	J-7201	When idling	While in the idle, the entrance sensor (PS4) is ON.	FS, RU, MT, SD, main body stop	Remove jammed paper if any from the FS/main
FS-523		When	While in the idle, the passage sensor (PS2) of RU turns ON.	immediately.	body.
FS-522	J-7202		While in the idle, the conveyance sensor (PS5) or the stacker sensor (PS8) is ON.		
FS-523			While in the idle, any of the sub tray exit sensor (PS1), the bypass route conveyance sensor (PS2), the intermediate conveyance sensor (PS3), the main route conveyance sensor (PS4) or the alignment tray sensor (PS5) is ON.		
FS-522	J-7203		While in the idle, the stacker sensor (PS8) is ON.		
SD	J-7204		While in the idle, the the paper exit sensor (PS20) is ON.		
MT	J-7205		While in the idle, the conveyance sensor /Up (PS9) or /Lw (PS10) is ON.		
FS-522	J-7216	During operation	The entrance sensor (PS4) of FS does not turn ON within a specified period of time after the fusing exit sensor (PS3) of the main body turns ON.		
FS-523		Dur	The path sensor (PS2) of RU does not turn ON within a specified period of time after the fusing exit sensor (PS3) of the main body turns ON.		

Classification	Jam code		Cause	Resulting operation	Correction
FS-522	J-7217	During operation	The entrance sensor (PS4) does not turn OFF within a specified period of time after the PS4 turns ON.	FS, RU, MT, SD, main body stop immediately.	Remove jammed paper if any from the FS/main body.
		During	The conveyance sensor (PS5) does not turn ON within a specified period of time after the entrance sensor (PS4) turns ON.		
FS-523			The path sensor (PS2) of RU does not turn OFF within a specified period of time after the PS2 turns ON.		
			The sub tray paper exit sensor (PS1) of FS does not turn ON within a specified period of time after the path sensor (PS2) of RU turns ON.		
			The main route conveyance sensor (PS4) of FS does not turn ON within a specified period of time after the path sensor (PS2) of RU turns ON.		
			The bypass route conveyance sensor (PS2) of FS does not turn ON within a specified period of time after the path sensor (PS2) of RU turns ON.		
			The main route conveyance sensor (PS4) does not turn OFF within a specified period of time after the PS4 turns ON.		
			The bypass route conveyance sensor (PS2) does not turn OFF within a specified period of time after the PS2 turns ON.		
			The intermediate conveyance sensor (PS3) does not turn ON within a specified period of time after the main route conveyance sensor (PS4) turns ON.		
			The intermediate conveyance sensor (PS3) does not turn OFF within a specified period of time after the bypass route conveyance sensor (PS2) turns ON.		
FS-522	J-7218		The conveyance sensor (PS5) does not turn OFF within a specified period of time after the PS5 turns ON.		
FS-523			The sub tray exit sensor (PS1) does not turn OFF within a specified period of time after the PS1 turns ON.		

Classification	Jam code		Cause	Resulting	Correction
				operation	
FS-523	J-7218	on	The intermediate conveyance sensor	FS, RU, MT, SD,	Remove jammed paper
		rati	(PS3) does not turn OFF within a	main body stop	if any from the FS/main
		obe	specified period of time after the PS3	immediately.	body.
		During operation	turns ON.		
FS-522	J-7221	Dur	After completion of stapling, the		
			stacker sensor (PS8) does not turn		
			OFF within a specified period of time		
			after the paper exit motor (M1) turns		
			ON.		
FS-523			After completion of stapling, the align-		
			ment tray sensor (PS5) does not turn		
			OFF within a specified period of time		
			after the paper exit motor (M3) turns		
			ON.		
SD	J-7225	Ī	Folding jam		
PU	J-7243		Punch jam		
FS-522	J-7281		The stapler motor does not return to		
			the home position within a specified		
			period of time after the stapler motor		
			turns ON.		
FS-523			The stapler home sensor /Fr (PS22)		
			does not turn ON within a specified		
			period of time after the stapler motor		
			/Fr (M16) turns ON.		
	J-7282	1	The stapler home sensor /Rr (PS25)		
			does not turn ON within a specified		
			period of time after the stapler motor		
			/Rr (M17) turns ON.		
SD	J-7284	1	The clincher motor /Fr does not return		
			to the home position within a speci-		
			fied period of time after the clincher		
			motor /Fr turns ON.		
	J-7285		The clincher motor /Rr does not		
			return to the home position within a		
			specified period of time after the		
			clincher motor /Rr turns ON.		
MT	J-7290		The conveyance sensor /Up (PS9) or		
			/Lw (PS10) of MT does not turn ON		
			within a specified period of time after		
			the conveyance sensor (PS5) of FS		
			turns ON.		
			The conveyance sensor /Up (PS9) or		
			/Lw (PS10) do not turn OFF within a		
			specified period of time after PS9 or		
			PS10 turn ON.		
l	II	1		1	1

Classification Ja			Cause	Resulting	Correction
	am code		Cause	operation	Correction
Paper J-8	-8100	Б	The registration sensor (PS1) turns	The printer sec-	Open the vertical con-
feed		igi	ON while in idling.	tion stops	veyance door and ADU
J-8	-8200	When idling	The vertical conveyance sensor (PS2)	immediately.	and remove jammed
		≥	turns ON while in idling.		paper if any.
PC-206 J-8	-8300	Ì	The vertical conveyance sensor /3		Open the right door
			(PS116) turns ON while in idling.		and remove jammed
PC-407			The vertical conveyance sensor (PS2)		paper if any.
			turns ON while in idling.		
PC-206 J-8	-8400		The vertical conveyance sensor /4		
			(PS126) turns ON while in idling.		
LU J-8	-8500		The LU exit sensor (PS155) turns ON		Open the upper door
			while in idling.		and remove jammed
					paper if any.
Fusing J-9	-9000		The fusing exit sensor (PS3) turns ON		Open ADU and remove
			while in idling.		jammed paper if any.
Reverse J-9	-9100		The reverse sensor (PS27) turns ON		
			while in idling.		
ADU J-9	-9200		The ADU conveyance sensor /1		
			(PS24) turns ON while in idling.		
J-9	-9300		The ADU conveyance sensor /2		
			(PS25) turns ON while in idling.		
J-9	-9701	ion	The ADU conveyance sensor /1		
		eral	(PS24) does not turn ON within a		
		g op	specified period of time after the reverse motor (M6) turns ON for		
		During operation	reverse rotation.		
		△			
J-9	-9702		The ADU conveyance sensor /2		
			(PS25) does not turn ON within a specified period of time after the ADU		
			conveyance sensor /1 (PS24) turns		
			ON.		
J-9	-9703		The registration sensor (PS1) does		
			not turn ON within a specified period		
			of time after the ADU conveyance		
			sensor /2 (PS25) turns ON.		

13. MALFUNCTION CODE

13.1 Malfunction code list

A. Note for use

Turn OFF/ON the power switch (SW2) of the main body when releasing an abnormal condition.

B. Code list

NOTE

- For codes with "*" given in the error code column, a message "Turn off the power and turn it on again" is displayed on the operation panel.
- For codes with no "*" given in the error code column, a message "Contact the service" is displayed.

				ı	
Classification		Code	Causes	Resulting	Estimated abnormal parts
				operation	
λ	Drive	C-0201	The upper limit sensor /1 (PS6)	The main body	Paper lift motor /1 (M7)
poq			does not turn ON within a speci-	stops immedi-	Upper limit sensor /1 (PS6)
Main body			fied period of time after the paper	ately to turn OFF	Printer control board (PRCB)
Σ			lift motor /1 (M7) turns ON.	the main relay	
		C-0202	The upper limit sensor /2 (PS13)	(RL1).	Paper lift motor /2 (M8)
			does not turn ON within a speci-		Upper limit sensor /2 (PS13)
			fied period of time after the paper		Printer control board (PRCB)
			lift motor /2 (M8) turns ON.		
90		C-0203	The upper limit sensor /3 (PS114)		Paper lift motor /3 (M124)
-C-206			does not turn ON within a speci-		Upper limit sensor /3
ЬС			fied period of time after the paper		(PS114)
			lift motor /3 (M124) turns ON.		PC control board (PCCB)
		C-0204	The upper limit sensor /4 (PS123)		Paper lift motor /4 (M125)
			does not turn ON within a speci-		Upper limit sensor /4
			fied period of time after the paper		(PS123)
			lift motor /4 (M125) turns ON.		PC control board (PCCB)
LU		C-0205	The upper limit sensor (PS152)		Paper lift motor (M151)
ľ			does not turn ON within a speci-		Upper limit sensor (PS152)
			fied period of time after the paper		LU drive board (LTDB)
			lift motor (M151) turns ON.		
)7		C-0206	Paper lift motor (M5) abnormality.		Paper lift motor (M5)
-C-407			Shift motor (M4) abnormality.		Shift motor (M4)
PC			Shift gate motor (M3) abnormality.		Shift gate motor (M3)
					PC control board (PCCB)

Cla	ssification	Code	Causes	Resulting operation	Estimated abnormal parts	
Bypass	Drive	C-0207	While in the paper feed, there occurs a condition twice in succession in which the lift sensor (PS23) does not turn ON within a specified period of time after the pick-up solenoid /BP (SD1) turns ON. While in the power switch (SW2) ON, there occurs a condition twice in succession in which PS23 does not turn OFF within a specified period of time after SD1 turns ON.	The main body stops immedi- ately to turn OFF the main relay (RL1).	Pick-up solenoid /BP (SD1) Lift sensor (PS23) Feed motor (M9) Printer control board (PRCB)	
Main body	Fan abnor- mality	C-0301	Conveyance suction fan (FM5) abnormality.		Conveyance suction fan (FM5) Printer control board (PRCB)	
	Commu- nication abnor- mality	C-1001*	Communication abnormality between the engine control of the overall control board (OACB) and that of the printer control board (PRCB). While in the stand-by, an FS Ready signal cannot be detected for a specified period of time.		Overall control board (OACB) Printer control board (PRCB)	
FS	FS	C-1002	FS communication abnormality. A serial communication is unavailable between the FS control board (FSCB) and the printer control board (PRCB).		FS control board (FSCB) Printer control board (PRCB)	
	FS-522	C-1003	Flash ROM abnormality. A checksum error of the flash ROM is detected.		FS control board (FSCB)	
	FS-523	C-1101	Shift motor (M8) drive abnormality. When starting the home position movement, the shift home sensor (PS10) does not turn ON a specified period of time after M8 turns ON. When starting the shift position movement, PS10 does not turn OFF a specified period of time after M8 turns ON.		Shift motor (M8) Shift home sensor (PS10) FS control board (FSCB)	

Cla	assification	Code	Causes	Resulting	Estimated abnormal part
				operation	
FS	FS-522	C-1102	Tray lift motor (M11) drive abnormality. While in the main tray up drive, the upper limit sensor (PS15) does not turn ON within a specified period of time after M11 turns ON. While in the main tray down drive, the lock signal of M11 is detected. While in the main tray down drive, it does not reach the target	The main body stops immedi- ately to turn OFF the main relay (RL1).	Tray lift motor (M11) Upper limit sensor (PS15) FS control board (FSCB)
	FS-523		position within specified time. Tray lift motor (M7) drive abnormality. While in the main tray up drive, the main tray upper limit sensor (PS19) does not turn ON within a specified period of time after M7 turns ON. While in the main tray down drive, the lock signal of M7 is detected. While in the M7 ON, the main tray upper limit switch (SW2) or the main tray lower limit switch (SW3) turns ON.		Tray lift motor (M7) Main tray upper limit sense (PS19) FS control board (FSCB)
	FS-522	C-1103	Alignment motor /Rr (M4) drive abnormality. While in the alignment home position search, the alignment home sensor (PS6) does not turn ON within a specified period of time after M4 turns ON. While in the alignment operation, PS6 does not turn OFF within a specified period of time after M4 turns ON.		Alignment motor /Rr (M4) Alignment sensor /Rr (PS6 FS control board (FSCB)
	FS-523		Alignment motor (M5) drive abnormality. While in the alignment home position search, the alignment home sensor (PS9) does not turn ON within a specified period of time after M5 turns ON. While in the alignment operation, PS9 does not turn OFF within a specified period of time after M5 turns ON.		Alignment motor (M5) Alignment home sensor (PS9) FS control board (FSCB)

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	Cla	ssification	Code	Causes	Resulting	Estimated abnormal parts				
					operation					
•	FS	FS-522	C-1104	Exit roller release motor (M6) drive abnormality. When starting the pressure position drive, the exit roller home sensor (PS12) does not turn ON within a specified period of time after M6 turns ON. When starting the separation position drive, PS12 does not turn OFF within a specified period of time after M6 turns	The main body stops immedi- ately to turn OFF the main relay (RL1).	Exit roller release motor (M6) Exit roller home sensor (PS12) FS control board (FSCB)				
		FS-523		ON. Paper exit roller release motor (M13) drive abnormality. When starting the pressure position drive, the exit roller home sensor (PS13) does not turn ON within a specified period of time after M13 turns ON. When starting the separation position drive, PS13 does not turn OFF within a specified period of time after M13 turns ON.		Paper exit roller release motor (M13) Exit roller home sensor (PS13) FS control board (FSCB)				

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Classification Code Causes	Resulting	Estimated abnormal parts					
	operation						
III I	he main body	Intermediate conveyance					
	tops immedi-	roller release motor (M12)					
	tely to turn OFF	Roller release home sensor					
	ne main relay	(PS12)					
	RL1).	FS control board (FSCB)					
release home sensor (PS12)							
does not turn ON within a specified period of time after							
M12 turns ON.							
When starting the separation							
position drive, PS12 does not							
turn OFF within a specified							
period of time after M12 turns							
ON.							
FS-522 C-1106 Stapler movement motor (M7)		Stapler movement motor					
drive abnormality.		(M7)					
While in the home position		Stapler home sensor (PS10					
search, the stapler home sen-		FS control board (FSCB)					
sor (PS10) does not turn ON							
within a specified period of time after M7 turns ON.							
While in the 1-staple position							
movement. PS10 does not							
turn OFF within a specified							
period of time after M7 turns							
ON.							
FS-523 Stapler movement motor (M6)		Stapler movement motor					
drive abnormality.		(M6)					
While in the home position		Stapler home sensor (PS14)					
search, the stapler home sen-		FS control board (FSCB)					
sor (PS14) does not turn ON within a specified period of							
time after M6 turns ON.							
While in the 1-staple position							
movement, PS14 does not							
turn OFF within a specified							
period of time after M6 turns							
ON.							
C-1107 Stapler motor /Fr (M17) drive		Stapler motor /Fr (M17)					
abnormality.		Stapler home sensor /Fr					
The stapler home sensor /Fr (DSG5) deep not type OFF		(PS25) FS control board (FSCB)					
(PS25) does not turn OFF within a specified period of		FS control board (FSCB)					
time after M17 turns ON.							
PS25 does not turn ON within							
a specified period of time							
after the OFF of PS25 is							
detected.							
PS25 does not turn ON within							
a specified period of time							
after M17 turns ON for							
reverse rotation.							

Cla	assification	Code	Causes	Resulting operation	Estimated abnormal parts
FS	FS-522	C-1108	Stapler drive failure. Staple motor does not move from home position within specified time from start of staple driving. Staple motor does not reach the home position within specified time from start of	The main body stops immedi- ately to turn OFF the main relay (RL1).	Stapling motor FS control board (FSCB)
	FS-523		staple reverse driving. Stapler motor /Rr (M16) drive abnormality. The stapler home sensor /Rr (PS22) does not turn OFF within a specified period of time after M16 turns ON. PS22 does not turn ON within a specified period of time after the OFF of PS22 is detected. PS22 does not turn ON within a specified period of time after the OFF of PS20 is detected.		Stapler motor /Rr (M16) Stapler home sensor /Rr (PS22) FS control board (FSCB)
	SD	C-1109	Saddle stapler motor /Fr drive abnormality. • When the saddle stapler motor /Fr is ON, it does not get off from the home position within a specified period of time. • After its getting off from the home position is detected, it does not get to the home position within a specified period of time. • After the saddle stapler motor /Fr turns ON for reverse rotation, it does not get to the home position within a specified period of time.		Saddle stapler motor /Fr SD control board (SDCB)

Cla	assification	Code	Causes	Resulting	Estimated abnormal parts
Oic	ioomoution	0000	Judges	operation	Estimated apriormal parts
FS	SD	C-1110	Saddle stapler motor /Rr drive abnormality. When the saddle stapler motor /Rr turns ON, it does not get off from the home position within a specified period of time. After its getting off from the home position is detected, it does not get to the home position within a specified period of time. After the saddle stapler motor /Rr turns ON for reverse rotation, it does not get to the home position within a specifient it does not get to the home position within a specifient abnormality.	The main body stops immediately to turn OFF the main relay (RL1).	Saddle stapler motor /Rr SD control board (SDCB)
		C-1111	fied period of time. Paper guide motor (M13) drive abnormality. When M13 turns ON for protrusion, the paper guide home sensor (PS23) does not turn OFF within a specified period of time. When M13 turns ON for evacuation, PS23 does not turn ON within a specified period of time.		Paper guide motor (M13) Paper guide home sensor (PS23) SD control board (SDCB)
		C-1112	Staple guide motor (M14) drive abnormality. While in the home position return operation, the staple guide home sensor (PS26) does not turn ON within a specified period of time after M14 turns ON. When starting a retraction operation, PS26 does not turn OFF within a specified period of time after M14 turns ON.		Staple guide motor (M14) Staple guide home sensor (PS26) SD control board (SDCB)

Classification		Code	Causes	Resulting	Estimated abnormal parts
Ola	SSIIICALIOIT	Oode	Causes	operation	Estimated abriornial parts
FS	SD	C-1113	Exit open/close motor (M9) drive abnormality. When starting a pressure contact operation, the saddle exit home sensor (PS18) does not turn ON within a specified period of time after M9 turns ON. When starting a separation operation, PS18 does not turn OFF within a specified period of time after M9 turns ON.	The main body stops immedi- ately to turn OFF the main relay (RL1).	Exit open/close motor (M9) Saddle exit home sensor (PS18) SD control board (SDCB)
		C-1114	Folding motor (M10) drive abnormality. The folding roller home sensor (PS22) does not turn ON within a specified period of time after M10 turns ON.		Folding motor (M10) Folding roller home sensor (PS22) SD control board (SDCB)
		C-1115	Conveyance motor (M8) drive abnormality. • Within a specified period of time after M8 turns ON, the ON of a motor lock signal is detected for a prescribed period of time in succession. • A specified period of time after M8 turns OFF, the OFF of a motor lock signal is detected for a prescribed period of time in succession.		Conveyance motor (M8) SD control board (SDCB)
	FS-522	C-1116	Exit roller release motor (M6) drive abnormality. • When the shutter is closed, the shutter home sensor (PS16) does not turn ON within a specified period of time after M6 turns ON. • When the shutter is open, PS16 does not turn OFF within a specified period of time after M6 turns ON.		Exit roller release motor (M6) Shutter home sensor (PS16) FS control board (FSCB)

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Cla	ssification	Code	Causes	Resulting	Estimated abnormal parts
				operation	
FS	FS-522	C-1117	Alignment motor /Fr (M5) drive	The main body	Alignment motor /Fr (M5)
			abnormality.	stops immedi-	Alignment home sensor /Fr
			While in the home position	ately to turn OFF	(PS7)
			search, the alignment home	the main relay	FS control board (FSCB)
			sensor /Fr (PS7) does not turn	(RL1).	
			ON within a specified period		
			of time after M5 turns ON.		
			While in the home position		
			search, PS7 does not turn		
			OFF within a specified period		
			of time after M5 turns ON.		
		C-1118	Exit paddle solenoid (SD2) drive		Exit paddle solenoid (SD2)
			abnormality.		Exit paddle home sensor
			While in the paddle evacua-		(PS11)
			tion, the exit paddle home		FS control board (FSCB)
			sensor (PS11) does not turn		
			ON within a specified period		
			of time after SD2 turns ON.		
			While in the paper hold-down		
			operation, PS11 does not		
			turn OFF within a specified		
			period of time after SD turns		
			ON.		
	FS-523	C-1119	Punch motor (M11) drive abnor-		Punch motor (M11)
			mality.		FS control board (FSCB)
			The punch encoder sensor		, ,
			(PS15) does not turn OFF within a		
			specified period of time after M11		
			turns ON.		
		C-1120	Hole punch selector motor (M14)		FS control board (FSCB)
		0 1120	drive abnormality (inch system		Hole punch selector motor
			only)		(M14)
			When starting the punch 2-		(*** ')
			hole position switch drive, the		
			hole punch position switch		
			(SW4) is not turned ON in the		
			specified period of time after		
			the M14 is turned ON.		
			When starting the punch 3-		
			hole position switch drive, the		
			SW4 is not turned OFF in the		
			specified period of time after		
			the M14 is turned ON.		

Cla	ssification	Code	Causes	Resulting	Estimated abnormal parts
				operation	
ES.	PU	C-1121	Punch motor (M1) drive abnor-	The main body	Punch motor (M1)
ш.			mality.	stops immedi-	Punch position sensor /1
			The punch position sensors /1	ately to turn OFF	(PS2)
			(PS2) and /2 (PS3) do not turn	the main relay	Punch position sensor /2
			OFF within a specified period of	(RL1).	(PS3)
			time after M1 turns ON.		FS control board (FSCB)
₹	Image	C-2001	Communication abnormality		Overall control board (OACB)
Main body	process		between the engine control of the		Printer control board (PRCB)
lain	commu-		overall control board (OACB) and		
2	nication		that of the printer control board		
	abnor-		(PRCB)		
	mality		While in the stand-by, a process		
			Ready signal cannot be detected		
			for a specified period of time.		
	Motor	C-2201	Developing motor (M3) speed		Developing motor (M3)
	speed		abnormality.		Printer control board (PRCB)
	abnor-		While M3 is ON, an EM error sig-		
	mality		nal has been detected 5 times in		
			succession within a specified		
			period of time.		
		C-2202	Drum motor (M1) speed abnor-		Drum motor (M1)
			mality.		Printer control board (PRCB)
			While M1 is ON, an EM error sig-		
			nal has been detected 5 times in		
			succession within a specified		
	_	0.0001	period of time.	-	5 ((514)
	Fan	C-2301	Drum cooling fan (FM4) abnor-		Drum cooling fan (FM4)
	lock		mality.		Printer control board (PRCB)
	abnor-		While FM4 is ON, an EM error		
	mality		signal has been detected 5 times		
			in succession within a specified		
		C-2302	period of time.	-	Developing quetien for
		C-2302	Developing suction fan motor		Developing suction fan
			(FM6) abnormality. While FM6 is ON, an EM error		motor (FM6)
			signal has been detected 5 times		Printer control board (PRCB)
			in succession within a specified		
			period of time.		
		C-2303	Developing cooling fan (FM7)	-	Developing cooling fan (FM7)
		0 2000	abnormality.		Printer control board (PRCB)
			While FM7 is ON, an EM error		Time control board (Friob)
			signal has been detected 5 times		
			in succession within a specified		
			period of time.		
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Clo	ssification	Code	Causes	Resulting	Estimated abnormal parts
Cia	SSIIICALION			operation	Estimated abnormal parts
Main body	Abnor- mality around the drum	C-2401	High machine inside temperature abnormality. When the temperature around the drum is above 58 °C	The main body stops immedi- ately to turn OFF the main relay	TCR sensor (TCRS) Printer control board (PRCB)
		C-2402	Erase lamp (EL) connector slip-off abnormality. When EL turns ON before starting an initial charging, EL abnormality has been detected 15 times in succession at prescribed intervals after a specified period of time.	(RL1).	Erase lamp (EL) Printer control board (PRCB)
	Toner bottle abnor- mality	C-2403	Toner bottle phase detection abnormality. While in the power switch (SW2) ON, the toner bottle position sensor (PS28) does not turn ON within a specified period of time after the toner bottle motor (M10) turns ON.		Toner bottle motor (M10) Toner bottle position sensor (PS28) Printer control board (PRCB)
	High voltage power source abnor- mality	C-2701	Charging abnormality. An error signal is detected 5 times in succession at prescribed intervals.	If there is a sheet of paper being printed, the main body completes the paper exit to stop operations. The main relay (RL1) turns OFF.	Charging corona High voltage unit (HV) Printer control board (PRCB)
		C-2702	Transfer lightning abnormality. There occurs a phenomenon 5 times in a job, in which an error signal is detected 3 times in succession at prescribed intervals.	The main body stops immedi- ately to turn OFF the main relay (RL1).	Transfer/separation charger High voltage unit (HV) Printer control board (PRCB)
		C-2703	Separation lightning abnormality. There occurs a phenomenon 5 times in a job, in which an error signal is detected 5 times in suc- cession at prescribed intervals.		
		C-2801	TCR output abnormality. When the TCR output is in excess of 3.0 V.		TCR sensor (TCRS) Printer control board (PRCB)
		C-2802	TCR output abnormality. When the TCR sensor (TCRS) maximum output is 1.0 V or less.		

Classification		0 1		D 11:	
Clas	ssification	Code	Causes	Resulting operation	Estimated abnormal parts
Main body	High voltage power source	C-2803 Error code 3 C-2803	TCR output abnormality. When the output ripple voltage of the TCR sensor (TCRS) is 0.5 V or less.	The main body stops immedi- ately to turn OFF the main relay (RL1).	TCR sensor (TCRS) Printer control board (PRCB)
	abnor- mality	Error code 4	TCR output abnormality. When the output ripple voltage of TCR sensor (TCRS) is 0.02 V or less.	()-	
		C-2803 Error code 5	TCR output abnormality. When the TCR sensor (TCRS) control voltage cannot be adjusted within 7.6V to 6.2V.		
		C-2803 Error code 6	When the detection of the toner control patch is abnormal for the D/A check.		IDC sensor (IDCS) Printer control board (PRCB)
		C-2804	Toner density abnormality. When the L detection output is in excess of 2.6 V before the toner remaining sensor (PZS) detects a no toner condition, toner density does not recover even when toner is automatically supplied.		Toner remaining sensor (PZS) TCR sensor (TCRS) Printer control board (PRCB)
	Motor speed abnor- mality	C-3201	Fusing motor (M11) speed abnormality. When M11 is ON, an EM error signal is detected 30 times in succession within a specified period of time.	Fusing motor (M11) Printer control board	Fusing motor (M11) Printer control board (PRCB)
	Fan lock abnor- mality	C-3301	Fusing cooling fan /Fr (FM2) abnormality. When FM2 is ON, an EM error signal is detected 3 times in suc- cession within a specified period of time.		Fusing cooling fan /Fr (FM2) Printer control board (PRCB)
		C-3302	Fusing cooling fan /Rr (FM8) abnormality. When FM8 is ON, an EM error signal is detected 3 times in succession within a specified period of time.		Fusing cooling fan /Rr (FM8) Printer control board (PRCB)
	Fusing high temperature abnormality	C-3501	Fusing main sensor high temperature abnormality. The thermistor /1 (TH1) detects a temperature higher than 236 °C for more than a specified period of time.	The main body stops immedi- ately to turn OFF the main relay (RL1). All the keys are not	Thermistor /1 (TH1) Printer control board (PRCB) DC power supply (DCPS)
		C-3502	Fusing sub sensor high temperature abnormality. The thermistor /2 (TH2) detects a temperature higher than 236 °C for more than a specified period of time.	taken in.	Thermistor /2 (TH2) Printer control board (PRCB) DC power supply (DCPS)

Cla	ssification	Code	Causes	Resulting	Estimated abnormal parts
				operation	
S	Fusing	C-3801	Fusing main sensor low tempera-	The main body	Thermistor /1 (TH1)
Main body	low		ture abnormality.	stops immedi-	Printer control board (PRCB)
ain	temper-		While in the idle or in the low	ately to turn OFF	DC power supply (DCPS)
2	ature		power mode, the fusing heater	the main relay	
	abnor-		lamp /1 (L2) turns on for more	(RL1). All the	
	mality		than 12 seconds in succession.	keys are not	
		C-3802	Fusing main sensor low tempera-	taken in.	
			ture abnormality.		
			While in other than the warm-up,		
			the thermistor /1 (TH1) detects a		
			temperature lower than 130 °C		
			for more than 10 seconds.		
		C-3803	Fusing main sensor low tempera-		
			ture abnormality.		
			The detection temperature of the		
			thermistor /1 (TH1) does not get		
			to the prescribed temperature		
			within a specified period of time		
			after it starts the warm-up.		
		C-3804	Fusing sub sensor low tempera-		Thermistor /2 (TH2)
			ture abnormality.		Printer control board (PRCB)
			While in the idle, the fusing heater		DC power supply (DCPS)
			lamp /2 (L3) turns on for more		
			than 12 seconds in succession.		
		C-3805	Fusing sub sensor low tempera-		
			ture abnormality.		
			While in other than the warm-up,		
			the thermistor /2 (TH2) detects a		
			temperature lower than 130 °C		
			for more than 10 seconds.		
		C-3806	Fusing sub sensor low tempera-		
			ture abnormality.		
			The detection temperature of the		
			thermistor /2 (TH2) does not get		
			to the prescribed temperature		
			within a specified period of time		
			after it starts the warm-up.		
		C-3807	Fusing main sensor high temper-		Thermistor /1 (TH1)
			ature abnormality (sub CPU		Printer control board (PRCB)
			detection)		DC power supply (DCPS)
			In the sub CPU, the thermistor /1		
			(TH1) detects a temperature		
			higher than 236 °C for more than		
			a specified period of time.		

temperature altronymality tion) In the sub CPU, the thermistor /2 (TH2) detects a temperature higher than 236 °C for more than a specified period of time. Fusing sensor abnormality C-3901 Inferior contact of the thermistor /3 (TH1) Mile in the warm-up condition, when the thermistor /2 (TH2) detection temperature gets to the Ready temperature does not get to the Ready temperature a specified period of time after the TH2 detection temperature gets to the Ready temperature before the TH2 detection temperature gets to the Ready temperature a specified period of time after the TH2 detection temperature. C-3902 Inferior contact of the thermistor /2 (TH2) While in the warm-up condition, when the thermistor /1 (TH1) detection temperature gets to the Ready temperature before the TH2 detection temperature does not get to the Ready temperature a specified period of time after the TH1 detection temperature does not get to the Ready temperature a specified period of time after the TH1 detection temperature got to the Ready temperature. C-3903 Thermistor /1 (TH1) open abnormality (sub CPU detection) In the sub CPU, the TH1 detection temperature detects a temperature between -8 and 20 °C for more than a specified period of time. C-3904 Thermistor /2 (TH2) open abnormality (sub CPU detection) In the sub CPU, the TH1 detection temperature detects a temperature between -8 and 20 °C for more than a specified period of time. Thermistor /1 (TH1) Printer control board (PRCB) Thermistor /1 (TH1) Printer control board (PRCB) Thermistor /1 (TH1) Printer control board (PRCB) Thermistor /1 (TH1) Printer control board (PRCB) Thermistor /1 (TH1) Printer control board (PRCB) Thermistor /2 (TH2) T	Clas	ssification	Code	Causes	Resulting	Estimated abnormal parts
low ture abnormality (sub CPU detection) stops immediative temperature (TH2) detects a temperature higher than 236 °C for more than a specified period of time. Fusing sensor abnormality C-3901 Inferior contact of the thermistor /1 (TH1) Mille in the warm-up condition, when the thermistor /2 (TH2) detection temperature gets to the Ready temperature as specified period of time after the TH2 detection temperature got to the Ready temperature. C-3902 Inferior contact of the thermistor /2 (TH2) While in the warm-up condition, when the thermistor /1 (TH1) detection temperature got to the Ready temperature. C-3902 Inferior contact of the thermistor /2 (TH2) While in the warm-up condition, when the thermistor /1 (TH1) detection temperature gets to the Ready temperature before the TH2 detection temperature does not get to the Ready temperature does not get to the Ready temperature got to the Ready temperature got to the Ready temperature. Thermistor /2 (TH2) Printer control board (PRCB got the reperature got to the Ready temperature. Thermistor /1 (TH1) detection temperature got to the Ready temperature. Thermistor /1 (TH1) Printer control board (PRCB got the reperature got to the Ready temperature. Thermistor /1 (TH1) Printer control board (PRCB got the reperature got to the Ready temperature. Thermistor /1 (TH1) Printer control board (PRCB got the reperature got to the Ready temperature. Thermistor /1 (TH1) Printer control board (PRCB got the reperature got to the Ready temperature. Thermistor /2 (TH2) Printer control board (PRCB got the reperature got to the Ready temperature. Thermistor /2 (TH2) Printer control board (PRCB got the reperature got to the Ready temperature. Thermistor /2 (TH2) Printer control board (PRCB got the ready temperature) Thermistor /2 (TH2) Printer control board (PRCB got the ready temperature) Thermistor /2 (operation	
aboromalty appendix a specified period of time. Fusing sensor aboromalty aboromalty aboromalty aboromalty aboromalty appendix appendix a specified period of time. Fusing sensor aboromalty aboromalt	dy	Fusing	C-3808	Fusing sub sensor high tempera-	The main body	Thermistor /2 (TH2)
aboromalty appendix a specified period of time. Fusing sensor aboromalty aboromalty aboromalty aboromalty aboromalty appendix appendix a specified period of time. Fusing sensor aboromalty aboromalt	ρŌ	low		ture abnormality (sub CPU detec-	stops immedi-	Printer control board (PRCB)
aboromalty appendix a specified period of time. Fusing sensor aboromalty aboromalty aboromalty aboromalty aboromalty appendix appendix a specified period of time. Fusing sensor aboromalty aboromalt	Main body	temper-		tion)	ately to turn OFF	DC power supply (DCPS)
Thermistor /1 (TH1) Finter control board (PRCB	2	ature		In the sub CPU, the thermistor /2	the main relay	
a specified period of time.		abnor-		(TH2) detects a temperature	(RL1). All the	
Fusing sensor abnormality C-3901 Inferior contact of the thermistor /1 (TH1) While in the warm-up condition, when the thermistor /2 (TH2) detection temperature gets to the Ready temperature does not get to the Ready temperature a specified period of time after the TH2 detection temperature. C-3902 Inferior contact of the thermistor /2 (TH2) While in the warm-up condition, when the thermistor /2 (TH2) While in the warm-up condition, when the thermistor /2 (TH2) While in the warm-up condition, when the thermistor /1 (TH1) detection temperature gets to the Ready temperature gets to the Ready temperature does not get to the Ready temperature does not get to the Ready temperature a specified period of time after the TH1 detection temperature get to the Ready temperature get to the Ready temperature does not get to the Ready temperature get to the Ready temperature does not get to the Ready temperature get to the Ready temperature get to the Ready temperature does not get to the Ready temperature does not get to the Ready temperature does not get to the Ready temperature g		mality		higher than 236 °C for more than	keys are not	
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C-3904 Thermistor /2 (TH2) open abnormality (sub CPU detection) Thermistor /2 (TH2) Printer control board (PRCB				for more than a specified period		
mality (sub CPU detection) Printer control board (PRCB				of time.		
			C-3904	Thermistor /2 (TH2) open abnor-		Thermistor /2 (TH2)
In the sub CPU, the TH2 detec-				mality (sub CPU detection)		Printer control board (PRCB)
				In the sub CPU, the TH2 detec-		
tion temperature detects a tem-				tion temperature detects a tem-		
perature between -8 and 20 °C				perature between -8 and 20 °C		
for more than a specified period				for more than a specified period		
of time.				of time.		

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Cla	ssification	Code	Causes	Resulting	Estimated abnormal parts
				operation	
>	Image	C-4001	Index board (INDEXB) contact	The main body	Index board (INDEXB)
poq	proces-		abnormality.	stops immedi-	Overall control board (OACB)
Main body	sing			ately to turn OFF	
Σ	abnor-			the main relay	
	mality			(RL1).	
	Motor	C-4101	Polygon motor (M5) speed abnor-		Polygon motor (M5)
	speed		mality.		Printer control board (PRCB)
	abnor-		When M5 is ON, an error signal is		
	mality		detected 3 times in succession		
			within a specified period of time.		
	Image	C-4401	Laser drive board (LDB) abnor-		Laser drive board (LDB)
	proces-		mality.		Overall control board (OACB)
	sing		When an overcurrent flows for		
	abnor-		laser output.		
	mality	C-4701	Laser index abnormality.		Index board (INDEXB)
			When the cycle of the index is dif-		Overall control board (OACB)
			ferent from an expected value.		
	Commu-	C-5001	Main body control board commu-		Overall control board (OACB)
	nication		nication abnormality 1		Scanner drive board (SDB)
	abnor-		Communication abnormality		
	mality		between the overall control board		
			(OACB) and the scanner drive		
			board (SDB).		
		C-5002	Main body control board commu-		Printer control board (PRCB)
			nication abnormality 2		
			Communication abnormality,		
			incoming command abnormality,		
			platen operation sequence		
			abnormality to the sub CPU in the		
			overall control board (OACB).		
		C-5003	Sub CPU A/D conversion abnor-		
			mality.		
			There is no response 2 times in		
			succession to the A/D conversion		
			request of the overall control		
			board (OACB).		

Cla	ssification	Code	Causes	Resulting	Estimated abnormal parts
				operation	
dy	Fan	C-5301	Exhaust fan /Fr (FM3) conversion	The main body	Exhaust fan /Fr (FM3)
Main body	lock		abnormality.	stops immedi-	Printer control board (PRCB)
1ain	abnor-		When FM3 is ON, an error signal	ately to turn OFF	
2	mality		is detected 5 times in succession	the main relay	
			within a specified period of time.	(RL1).	
		C-5302	Exhaust fan /Rr (FM9) conversion		Exhaust fan /Rr (FM9)
			abnormality.		Printer control board (PRCB)
			When FM9 is ON, an error signal		
			is detected 5 times in succession		
			within a specified period of time.		
		C-5303	Power supply cooling fan (FM1)		Power supply cooling fan
			conversion abnormality.		(FM1)
			When FM1 is ON, an error signal		Printer control board (PRCB)
			is detected 5 times in succession		
			within a specified period of time.		
	OS	C-5401*	There occurs an OS error with the	Engine section	Printer control board (PRCB)
	error		engine control section in the	power OFF.	
			printer control board (PRCB).		
	System	C-5402*	Time out for tuning off the power	Engine section	Overall control board (OACB)
	control		switch (SW2)	power OFF.	Printer control board (PRCB)
	commu-			Operation panel	
	nication			display all ON.	
	abnor-				
	mality				
	Image	C-6001	CCD board (CCDB) connection	Scanner sec-	CCD board (CCDB)
	process		abnormality.	tion stops	Overall control board (OACB)
	commu-			immediately.	
	nication	C-6002*	Communication abnormality	Engine section	Overall control board (OACB)
	abnor-		between the engine control of the	power OFF.	Printer control board (PRCB)
	mality		overall control board (OACB) and		
			that of the printer control board		
			(PRCB).		
			While in the stand-by, a scanner		
			Ready signal cannot be detected		
			for a specified period of time.		
		C-6003*	Communication abnormality		Overall control board (OACB)
			between the engine control of the		Printer control board (PRCB)
			overall control board (OACB) and		
			that of the printer control board		
			(PRCB).		
			Time out for the notice time of the		
<u></u>			platen original size.		

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Cla	ssification	Code	Causes	Resulting	Estimated abnormal parts
				operation	
Ş	Scanner	C-6101	While in the exposure unit initial	Scanner sec-	Scanner motor (M2)
Main body	abnor-		search, the scanner home sensor	tion stops	Scanner home sensor
lain	mality		(PS30) does not turn on within a	immediately.	(PS30)
2			specified period of time. And		Printer control board (PRCB)
			also, while in the return scan,		
			PS30 does not turn on within a		
			specified period of time.		
		C-6201	Exposure lamp (L1) abnormality.		Exposure lamp (L1)
			A specified period of time after L1		L1 inverter (L1 INVVB)
			turns on, an L1 abnormality signal		Printer control board (PRCB)
			is detected in succession for a		
			specified period of time.		
	Image	C-6701	AOC abnormality.		CCD board (CCDB)
	proces-		AOC counter overflow		Exposure lamp (L1)
	sing	C-6702	AGC abnormality.		L1 inverter (L1 INVVB)
	abnor-		AGC counter overflow		Scanner motor (M2)
	mality				Overall control board (OACB)
님	Commu-	C-8001	DF control board (DFCB) commu-	The main body	DF control board (DFCB)
	nication		nication abnormality.	stops immedi-	Printer control board (PRCB)
	abnor-		Communication abnormality	ately to turn OFF	
	mality		between the printer control board	the main relay	
		_	(PRCB) and DFCB.	(RL1).	
	Fan	C-8301	Cooling fan (FM3) abnormality.		Cooling fan (FM3)
	lock				DF control board (DFCB)
	abnor-				
	mality			= 1111	
Ϋ́	FAX	C-B001	FAX ROM checksum error	FAX breakdown	FK-502
ш.	board	C-B002	A FAX board hardware error is		
	abnor-		detected.		
	mality	C-B003	A FAX file initialization abnormality		
			is detected.		
	FAX	C-B110	Instance generation error or an		
	driver		observer registration error		
	error	C-B111	Initialization failure of the configu-		
			ration space		
		C-B112	A semaphore is obtained; release		
			error		
		C-B113	Sequence error between the		
			tasks on the main body side.		
		C-B114	Message queue control error		
		C-B115	Sequence error between the		
			main body and the FAX board		
		C-B116	FAX board no response (no		
			response after initialization)		

Cla	ssification	Code	Causes	Resulting	Estimated abnormal parts
				operation	
FAX	FAX	C-B117	Time out error for ACK standby	FAX breakdown	FK-502
ш	driver	C-B118	Undefined frame reception		
	error	C-B119	DMA transfer error		
	JC	C-B120	JC software error		
		C-B122	Device error (GA LOCAL SRAM)		
		C-B123	Device error (DRAM)		
		C-B125	Device error (GA)		
		C-B126	While in the interruption process-		
			ing, there occurs a time out error		
			due to no response from DC.		
		C-B127	While in the interruption process-		
			ing, there occurs a time out error		
			due to no response from CC.		
		C-B128	While in the interruption process-		
			ing, there occurs a time out error		
			due to no response from Line.		
		C-B129	While in the interruption process-		
			ing, there occurs a time out error		
			due to no response from the File		
			system/File Driver.		
	MIF	C-B130	Driver software error		
	software	C-B131	Length error of the frame received		
	error		from the main side.		
		C-B132	Header error of the frame receive		
			from the main side.		
		C-B133	232C I/F sequence error		
		C-B134	DPRAM I/F sequence error		
		C-B135	DPRAM CTL/STS register abnor-		
			mality.		
		C-B136	Time out for ACK standby		
		C-B137	DPRAM RESET received		
		C-B140	MSG I/F error with JC		
		C-B141	I/F error with driver		
	I/F	C-B142	Undefined command received		
	error	C-B143	Command frame length error		
		C-B144	Command parameter length error		
		C-B145	Undefined parameter		
		C-B146	Command/response sequence		
			error		
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Clo	ssification	Code	Causes	Dogulting	Estimated abnormal parts
Ola	SSIIICALIOIT	Code	Causes	Resulting operation	Estimated abnormal parts
	Line	C-B150	External class instance acquisi-	FAX breakdown	FK-502
FAX	control	O-B130	tion error	TAX DIEARGOWIT	TR-502
	CONTROL	C-B151	Job start-up error (start-up JOB		
		0-0101	parameter/slave job generation		
			error)		
		C-B152	Doc access error (report Buf		
		0 2 102	access error)		
		C-B153	Time out for a response from the		
			external task		
		C-B154	Internal Que table control error		
			(create/enque/deque)		
	1 des-	C-B160	Instance generation error		
	tination	C-B161	Time out error		
	control	C-B162	Interface error		
		C-B163	Message queue control error		
		C-B164	A semaphore is obtained: release		
			error.		
		C-B165	Observer registration error		
		C-B166	Incoming resource check error		
		C-B167	Outgoing image information		
			expansion error		
		C-B168	Incoming image serialization error		
		C-B169	Quick memory data access error		
	Page	C-B170	Internal Que table control error		
	control		(create/enque/deque)		
		C-B171	Instance generation error		
		C-B172	Time out error		
		C-B173	Interface error		
		C-B174	A semaphore is obtained: release		
			error.		
		C-B175	Observer registration error		
		C-B176	TTI area cannot be secured.		
		C-B177	Error return from TTI_Rasterizer		
		C-B178	Incoming Job generation error		
		C-B180	Quick transfer memory data		
			access error		
		C-B181	Block Buff acquisition error		
		C-B182	Outgoing block image error (Req,		
			Restore)		
		C-B183	Incoming block image error (Req,		
		0.0	Store)		
		C-B184	Incoming image information stor-		
			age error		

Cla	ssification	Code	Causes	Deculting	Fatimental abnormal nauta
Cla	ISSITICATION	Code	Causes	Resulting operation	Estimated abnormal parts
_	Page	C-B185	Incoming data size logic error	FAX breakdown	FK-502
FAX	control	C-B100	Incoming data size logic error	FAX DIEARGOWII	FK-502
	COLLIO		(The incoming data is not a multiple number of DotLine.		
		C-B186	'		
			Image Buff acquisition (alloc) error		
		C-B187	Error return from Compressor		
		C-B188	Band Buff control error (new		
-	0	0.0100	Instance/get/free)	English and the	O
SW	Operation	C-C103	While in the completion of the	Engine section	Overall control board (OACB)
	panel		reception from the control of the	power OFF.	
	commu-		operation panel, either of the fol-		
	nication abnor-		lowing is detected or after starting		
	-		the transmission, the transmis-		
	mality		sion cannot be completed within		
			a specified period of time.Data checksum error		
			Communication GA gener-		
			ates an error vector.		
	Machine	C-C181			
	-	C-C181	The machine type mentioned in the software is different from the		
	type detection		machine type information given		
	abnor-		71		
	mality		on the main body drive board.		
	Flash	C-C182	A flash ROM checksum error of		
	ROM	0-0102	the image control board is		
	abnor-		detected.		
	mality		dotootod.		
	Software	C-C183	The machine type mentioned in		
	abnor-	0 0100	the software is different between		
	mality		the overall control and the image		
	· · · cancy		control.		
>	Non-	C-C284	Non-volatile memory abnormality	It stops immedi-	Overall control board (OACB)
Main body	volatile		*1	ately.	NVRAM board (NRB)
ain	memory	C-C285	Non-volatile memory abnormality	,	, ,
ž	abnor-		*1		
	mality	C-C286	Non-volatile memory abnormality		
	,	0 0200	*1		
		C-C287	Non-volatile memory abnormality		
			*1		
		C-C288	Non-volatile memory abnormality		
			*1		
		C-C289	Non-volatile memory destruction		
		3 3200	Disabled writing is detected in the		
			head protect area of non-volatile		
			memory map.		
			7		

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	ALI GINOTION CODE						
Cla	ssification	Code	Causes	Resulting operation	Estimated abnormal parts		
>	HDD	C-D001	HDD initialization abnormality.	Engine section	HD-509		
g		C-D002	JOB RAM retention abnormality.	power OFF.			
Main body	Fan lock	C-D201	CPU cooling fan (FM11) abnor-	The main body	Overall control board (OACB)		
	abnor-		mality.	stops immedi-	CPU cooling fan (FM11)		
	mality			ately to turn OFF			
	opera-	C-D202	Memory access abnormality.	the main relay	Overall control board (OACB)		
	tion		The standard memory size is	(RL1).	Standard memory (DIMM)		
	con-		smaller than the specified size.				
	trol						
	abnor-						
	mality						
	Commu-	C-D203	Communication abnormality		Overall control board (OACB)		
	nication		between the main body control		Printer control board (PRCB)		
	abnor-		board and the printer control				
	mality		board.				
	Fan lock	C-D281	Overall control board cooling fan		Overall control board (OACB)		
	abnor-		(FM10) abnormality.		Overall control board cool-		
	mality				ing fan (FM10)		
	Commu-	C-D282*	Communication abnormality		Overall control board (OACB)		
	nication		between the overall control board		Printer control board (PRCB)		
	abnor-		(OACB) and the printer control				
	mality		board (PRCB).				
			When the power switch (SW2)				
			turns on, there is no PRCB				
		D-D301	response.	Carina castian	Occupil a serior les and (OAOD)		
	opera- tion	D-D301	Checksum abnormality of CF card.	Engine section power OFF.	Overall control board (OACB) CF card (CF)		
	control	D-D302	Administration data of CF card is	power OFF.	OF Card (OF)		
	abnor-	D-D302	deleted.				
	mality	D-D303	CF lock password abnormality.	_			
	Tricalty	D-D303	Security kit abnormality.	_			
		D-D401	Hush check of system control	-			
		D-D301	ROM abnormality.				
	System	C-E001	Message queue abnormality.	-	Overall control board (OACB)		
	control	C-E002	Incorrect parameters of the mes-	-	Overall control board (O/10B)		
	commu-	0 2002	sage and the method				
	nication	C-E003	Incorrect task	-			
	abnor-	C-E004	Incorrect event	-			
	mality	C-E005	Memory access abnormality.	-			
	•	C-E006	Header access abnormality.	-			
		C-E007	DIMM initialization abnormality.	-			
		C-E007	DRAM initialization abnormality.	-			
		O L001	51 8 W I I II I I I I I I I I I I I I I I				

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Cla	ssification	Code	Causes	Resulting operation	Estimated abnormal parts
Main body	System control commu- nication abnor- mality	C-E082*	Image abnormality. Image processing abnormality on the overall control side	If there is a sheet of paper being printed, the main body completes the paper exit to stop operations. The main relay (RL1) turns OFF.	Overall control board (OACB)
		C-E083*	Copy sequence abnormality. Job object pointer abnormality (For some reason, the acquisition of the page management object is unavailable.)	Engine section power OFF.	
		C-E084*	Copy sequence abnormality. Memory copy sequence abnormality (the one the cause of which cannot be identified.)		
		C-E085*	Copy sequence abnormality. Through copy sequence (FCOT) abnormality (the one that the cause of which cannot be identi- fied.)		
		C-E086*	Copy sequence abnormality. The memory scanner stop is not completed. (A stop completion notice is not sent from the engine side.)		
		C-E087*	Copy sequence abnormality. The memory printer stop is not completed. (A stop completion notice is not sent from the engine side.)		
		C-E088*	Unrecoverable error (The count is made by C-5402.) An error occurs when the timer is set.		
		C-E089*	Unrecoverable error (The count is made by C-5402.) An error occurs when the timer is cancelled.		

Cla	ssification	Code	Causes	Resulting	Estimated abnormal parts
Old	oomoduufi	Code	Causes	operation	Louinateu abriorniai parts
>	System	C-E08A*	Unrecoverable error (The count is	Engine section	Overall control board (OACB)
Main body	control		made by C-5402.)	power OFF.	2 . 2 . 2
ain k	commu-		An abnormal operation occurs	power erri	
ž	nication		when an interrupt copy is made		
	abnor-		(printer user job).		
	mality	C-E08B*	Unrecoverable error (The count is		
	,		made by C-5402.)		
			An abnormal operation occurs		
			when an interrupt copy is made		
			(printer job 0).		
		C-E08C	Unrecoverable error (The count is		
			made by C-5402.)		
			An abnormal operation occurs		
			when an interrupt copy is made		
			(printer job 1).		
		C-E08D*	Unrecoverable error (The count is		
			made by C-5402.)		
			An abnormal operation occurs		
			when an interrupt copy is made		
			(FCOT print user job).		
		C-E08E*	Unrecoverable error (The count is		
			made by C-5402.)		
			An abnormal operation occurs		
			when an interrupt copy is made		
			(FCOT print job).		
		C-E08F*	Unrecoverable error (The count is		
			made by C-5402.)		
			An abnormal operation occurs		
			when an interrupt copy is made		
			(copy print user job).		
		C-E090*	Unrecoverable error (The count is		
			made by C-5402.)		
			An abnormal operation occurs		
			when an interrupt copy is made		
		0.5001	(copy print job 0).		
		C-E091*	Unrecoverable error (The count is		
			made by C-5402.)		
			An abnormal operation occurs		
			when an interrupt copy is made		
		C-F092*	(copy print job 1).		
		U-E092"	Unrecoverable error (The count is		
			made by C-5402.) An error occurs when the task 0		
			is deleted with the queue 1 gen- eration not allowed.		
			GIALIOIT HOLAIIOWEG.		

•					
Cla	ssification	Code	Causes	Resulting	Estimated abnormal parts
				operation	
Ŕ	System	C-E093*	Unrecoverable error (The count is	Engine section	Overall control board (OACB)
Main body	control		made by C-5402.)	power OFF.	
ain	commu-		An error occurs when the queue		
≥	nication		0 is deleted with the queue 1		
	abnor-		generation not allowed.		
	mality	C-E094*	Unrecoverable error (The count is		
			made by C-5402.)		
			An error occurs when the queue		
			n is deleted with the task n gener-		
			ation not allowed.		
		C-E095*	Unrecoverable error (The count is		
			made by C-5402.)		
			An error occurs when the task 0		
			is deleted with the task 1 genera-		
			tion not allowed.		
		C-E096*	Unrecoverable error (The count is		
			made by C-5402.)		
			An error occurs when the queue		
			0 is deleted with the task 1 gener-		
			ation not allowed.		
		C-E097*	Unrecoverable error (The count is		
			made by C-5402.)		
			An error occurs when the task n		
			is started.		
		C-E098*	Unrecoverable error (The count is		
			made by C-5402.)		
		C-E099*	An error occurs when the task n		
			is deleted.		
			Unrecoverable error (The count is		
			made by C-5402.)		
			An error occurs when the queue		
			n is deleted.		
		C-E09A*	Unrecoverable error (The count is		
			made by C-5402.)		
			A scheduling abnormality occurs		
			when the FAX print cannot be		
			started due to a memory short-		
			age (queue operation abnormal-		
			ity).		
		C-E09B*	Unrecoverable error (The count is		
			made by C-5402.)		
			A scheduling abnormality occurs		
			when the FAX print cannot be		
			started due to a memory short-		
			age (message transmission error).		

Cla	ssification	Code	Causes	Resulting operation	Estimated abnormal parts
Main body	System control communication abnor-	C-E09C*	Unrecoverable error (The count is made by C-5402.) A printer scheduling abnormality occurs due to memory being full (message transmission error)	Engine section power OFF.	Overall control board (OACB)
	mality	C-E09E*	Unrecoverable error (The count is made by C-5402.) An abnormal operation occurs when an interrupt copy is made		
		C-E09F*	(scanner scan user job). Unrecoverable error (The count is made by C-5402.) An abnormal operation occurs when an interrupt copy is made (scanner mixed original scan job 0).		
		C-E0A0*	Unrecoverable error (The count is made by C-5402.) An abnormal operation occurs when an interrupt copy is made (scanner z-folding scan job 0).		
		C-E0A1*	Unrecoverable error (The count is made by C-5402.) An abnormal operation occurs when an interrupt copy is made (scanner normal scan job 0).		
		C-E0A2*	Unrecoverable error (The count is made by C-5402.) An abnormal operation occurs when an interrupt copy is made (scanner scan job 1).		
		C-E0A3*	Unrecoverable error (The count is made by C-5402.) An abnormal operation occurs when an interrupt copy is made (FAX scan user job).		
		C-E0A4*	Unrecoverable error (The count is made by C-5402.) An abnormal operation occurs when an interrupt copy is made (FAX mixed original scan job 0).		
		C-E0A5*	Unrecoverable error (The count is made by C-5402.) An abnormal operation occurs when an interrupt copy is made (FAX z-folding scan job 0).		

Clo	ssification	Code	Causes	Dogulting	Estimated abnormal parts
Cla	ISSIIICALIOIT	Code	Oduses	Resulting operation	Estimated abnormal parts
Main body	System control communication abnor-	C-E0A6*	Unrecoverable error (The count is made by C-5402.) An abnormal operation occurs when an interrupt copy is made (FAX normal scan job 0).	Engine section power OFF.	Overall control board (OACB)
	mality	C-E0A7*	Unrecoverable error (The count is made by C-5402.) An abnormal operation occurs when an interrupt copy is made (FAX scan job 1).		
		C-E0A8*	Unrecoverable error (The count is made by C-5402.) An abnormal operation occurs when an interrupt copy is made (FCOT scan user job).		
		C-E0A9* Unrecoverable error (The comade by C-5402.) An abnormal operation occuments when an interrupt copy is made by C-E0AA* Unrecoverable error (The comade by C-5402.) An abnormal operation occuments	An abnormal operation occurs when an interrupt copy is made		
			An abnormal operation occurs when an interrupt copy is made		
		C-E0AB*	Unrecoverable error (The count is made by C-5402.) An abnormal operation occurs when an interrupt copy is made (copy mixed original scan job 0).		
		C-E0AC*	Unrecoverable error (The count is made by C-5402.) An abnormal operation occurs when an interrupt copy is made (copy z-folding scan job 0).		
		C-E0AD*	Unrecoverable error (The count is made by C-5402.) An abnormal operation occurs when an interrupt copy is made (copy normal scan job 0).		
		C-E0AE*	Unrecoverable error (The count is made by C-5402.) An abnormal operation occurs when an interrupt copy is made (copy scan job 1).		

Classification		Code	Causes	Resulting	Estimated abnormal parts
				operation	
body	System	C-E0AF*	Unrecoverable error (The count is	Engine section	Overall control board (OACB)
	control		made by C-5402.)	power OFF.	
Main	commu-		A SUSPEND occurs.		
2	nication				
	abnor-	C-E0B0*	Unrecoverable error (The count is		
	mality		made by C-5402.)		
	,		An EXCEPTION occurs.		
		C-E0B1	Unrecoverable error (The count is		
			made by C-5402.)		
			Putting Job parameter error.		

*1 NVRAM board (NRB) error code display priority

When two or more error codes related to NRB occur at the same time, a code with the highest precedence is displayed according to the priorities shown below.

- C-C287
- C-C288
- C-C286
- C-C284
- C-C285

C. Function to separate defective sections

For setting of DipSW that is specified for the following items, it is possible to use them with a failed section separated. After setting DipSW, however, no abnormality detection is made on the separated section.

NOTE

This function is employed to make temporary use of sections that are not affected. So, be sure
that this is limited only to a provisional use until a defective section is repaired.

(1) DipSW setting

Turning the main power switch (SW1) OFF and ON after setting the specified software DipSW bit allows you to make a limited use of it until the bit setting is released next time.

Classification	Malfunction	Causes	Control while detatched	DipSW
	code			
Main	C-0201	Paper lift motor /1 (M7)	Paper feed in tray 1 is unavailable	DipSW18-0
body		abnormality	(There remains no paper, and on the	
			operation panel, the tray 1 is displayed	
			in hatching.)	
	C-0202	Paper lift motor /2 (M8)	Paper feed in tray 2 is unavailable	DipSW18-1
		abnormality	(There remains no paper, and on the	
			operation panel, the tray 2 is displayed	
			in hatching.)	
PC-206	C-0203	Paper lift motor /3 (M124)	Paper feed in tray 3 is unavailable	DipSW18-4
		abnormality	(There remains no paper, and on the	
			operation panel, the tray 3 is displayed	
			in hatching.)	
	C-0204	Paper lift motor /4 (M125)	Paper feed in tray 4 is unavailable	DipSW18-5
		abnormality	(There remains no paper, and on the	
			operation panel, the tray 4 is displayed	
			in hatching.)	
LU	C-0205	Paper lift motor (M151)	Paper feed in LU is unavailable	DipSW18-6
		abnormality	(There remains no paper, and on the	
			operation panel, LU is displayed in	
			hatching.)	
PC-407	C-0206	Paper lift motor (M5) abnor-	Paper feed in tray 3 is unavailable	DipSW18-4
		mality	(There remains no paper, and on the	
		Shift motor (M4) abnormality	operation panel, the tray 3 is displayed	
		Shift gate motor (M3) abnor-	in hatching.)	
		mality		
FK	C-B001	FK-502 abnormality	FAX mode is unavailable	DipSW19-1
	to B188			
HDD	C-D001	HD-509 abnormality	HDD is unavailable	DipSW19-3
	to D002		(HD-509 is not connected)	
DF	C-8001	DF communication abnormal-	DF mode is unavailable	DipSW19-7
		ity	(DF connection is not recognized)	
SD	C-1109	SD drive abnormality	SD is unavailable	DipSW20-5
	to 1115		(SD connection is not recognized)	

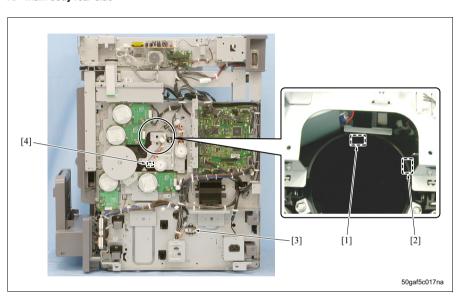
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■ APPENDIX

14. PARTS LAYOUT DRAWING

14.1 Main body

14.1.1 Switch/sensor
A. Main body rear side



- [1] Toner bottle sensor (PS4)
- [2] Toner bottle position sensor (PS28)
- [3] Humidity sensor (HUMS)
- [4] Toner remaining sensor (PZS)

IPPENDIX

B. Main body front side



- [1] Power switch (SW2)
- [2] Interlock switch (MS)

[3] Main power switch (SW1)

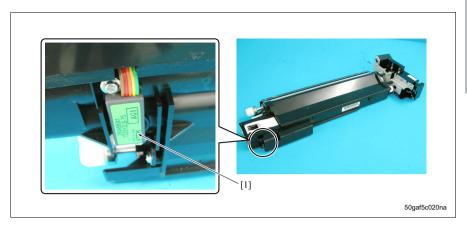
C. Main body upper surface



- [1] APS timing sensor (PS31)
- [2] APS sensor (PS32)

- [3] DF open/close switch (SW3)
- [4] Scanner home sensor (PS30)

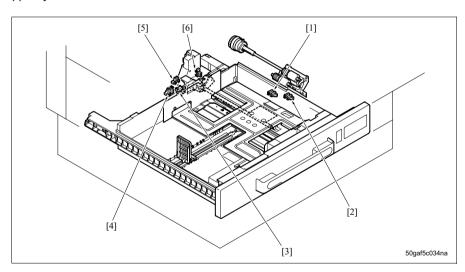
D. Developing section



[1] TCR sensor (TCRS)

E. Paper feed section

(1) Tray 1

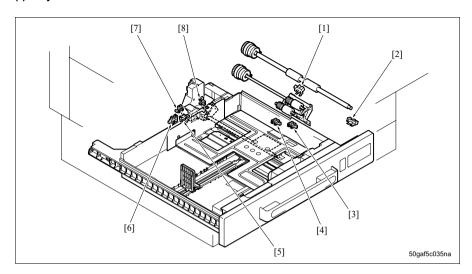


- [1] Upper limit sensor /1 (PS6)
- [2] Paper empty sensor /1 (PS5)
- [3] Paper size sensor /Fr1 (PS11)

- [4] Paper size sensor /Rr1 (PS10)
- [5] Tray set sensor /1 (PS8)
- [6] Near-empty sensor /1 (PS9)

APPENDIX

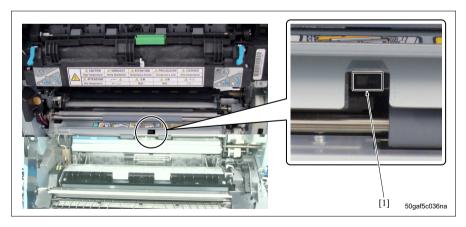
(2) Tray 2



- [1] Vertical conveyance sensor (PS2)
- [2] Feed door open/close sensor (PS7)
- [3] Paper empty sensor /2 (PS12)
- [4] Upper limit sensor /2 (PS13)

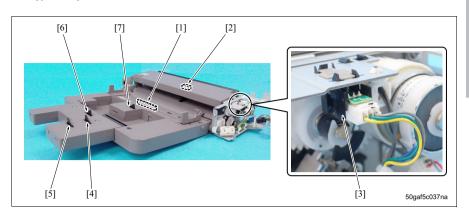
- [5] Paper size sensor /Fr2 (PS17)
- [6] Paper size sensor /Rr2 (PS16)
- [7] Tray set sensor /2 (PS14)
- [8] Near-empty sensor /2 (PS15)

(3) Registration



[1] Registration sensor (PS1)

F. Bypass tray section



- [1] Paper size VR/BP (VR1)
- [2] Paper empty sensor /BP (PS18)
- [3] Lift sensor (PS23)
- [4] Paper size sensor /BP3 (PS21)

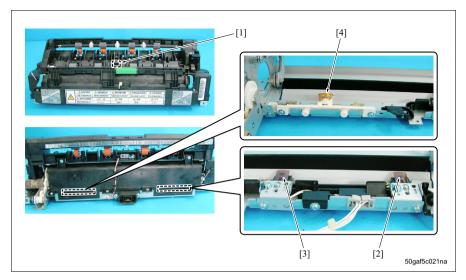
- [5] Paper size sensor /BP4 (PS22)
- [6] Paper size sensor /BP2 (PS20)
- [7] Paper size sensor /BP1 (PS19)

G. ADU section



- [1] ADU open/close sensor (PS26)
- [2] ADU conveyance sensor /1 (PS24)
- [3] ADU conveyance sensor /2 (PS25)

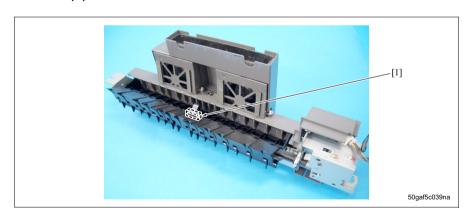
H. Fusing section



- [1] Fusing exit sensor (PS3)
- [2] Thermistor /2 (TH2)

- [3] Thermistor /1 (TH1)
- [4] Thermostat (TS)

I. Reverse/paper exit section



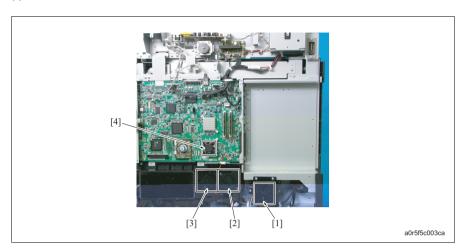
[1] Reverse sensor (PS27)

bizhub 501/421/361

14.1.2 Load

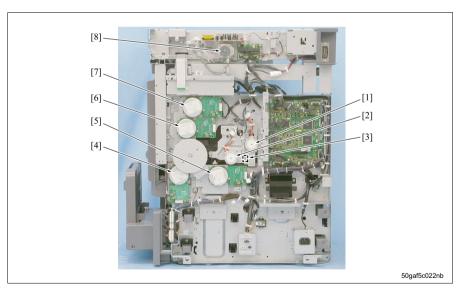
A. Main body rear side

(1) Lower aria



- [1] Power supply cooling fan (FM1)
- [2] Overall control board cooling fan (FM10)
- [3] Developing cooling fan (FM7)
- [4] CPU cooling fan (FM11)

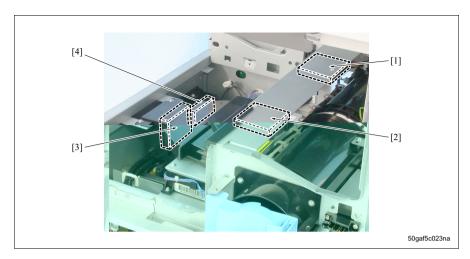
(2) Upper aria



- [1] Toner supply motor (M4)
- [2] Toner bottle motor (M10)
- [3] Toner solenoid (SD5)
- [4] Feed motor (M9)

- [5] Developing motor (M3)
- [6] Drum motor (M1)
- [7] Fusing motor (M11)
- [8] Scanner motor (M2)

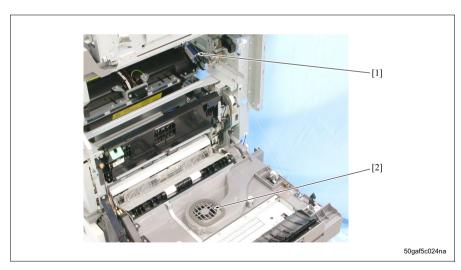
B. Main body inside



- [1] Fusing cooling fan /Rr (FM8)
- [2] Fusing cooling fan /Fr (FM2)

- [3] Drum cooling fan (FM4)
- [4] Developing suction fan (FM6)

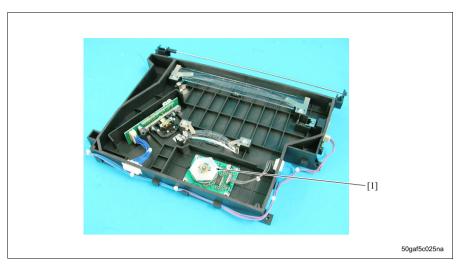
C. Main body right side



[1] Web solenoid (SD4)

[2] Coveyance suction fan (FM5)

D. Write section



[1] Polygon motor (M5)

E. Photo conductor section



[1] Drum claw solenoid (SD2)

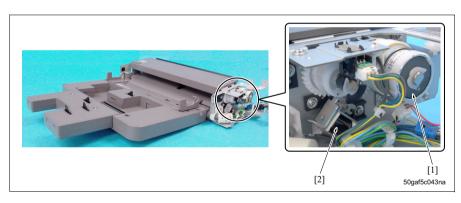
(3) Registration



[1] Registration clutch (CL1)

[2] Loop clutch (CL2)

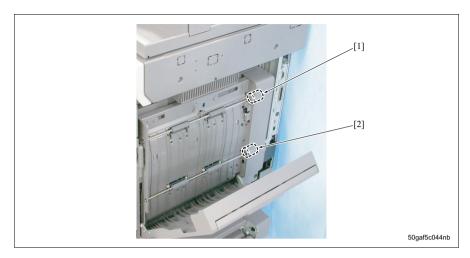
G. Bypass tray section



[1] Feed clutch /BP (CL6)

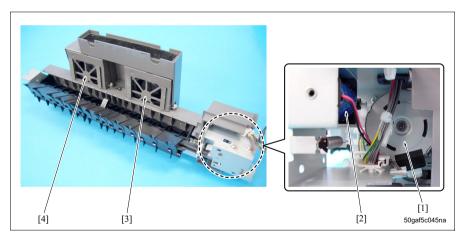
[2] Pick-up solenoid /BP (SD1)

H. ADU section



- [1] ADU conveyance clutch /Up (CL7)
- [2] ADU conveyance clutch /Lw (CL8)

I. Reverse/paper exit section



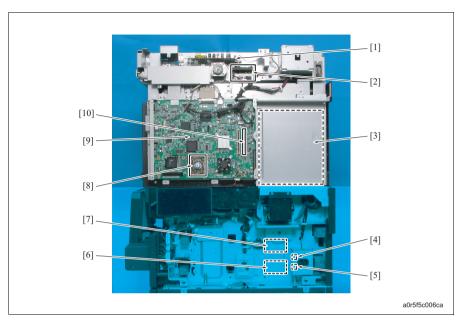
- [1] Reverse motor (M6)
- [2] Reverse solenoid (SD3)

- [3] Exhaust fan /Rr (FM9)
- [4] Exhaust fan /Fr (FM3)

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14.1.3 Boards and others

A. Main body rear side



- [1] L1 inverter (L1 INVB)
- [2] Scanner drive board (SDB)
- [3] Printer control board (PRCB)
- [4] Circuit breaker /1 (CBR1)
- [5] Circuit breaker /2 (CBR2)

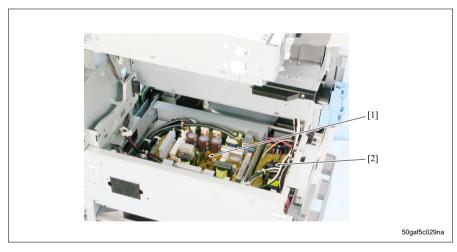
- [6] Paper size board /2 (PSB/2)
- [7] Paper size board /1 (PSB/1)
- [8] NVRAM board (NRB)
- [9] Overall control board (OACB)
- [10] Standard memory (DIMM)

B. Main body front side



[1] Total counter (TCT)

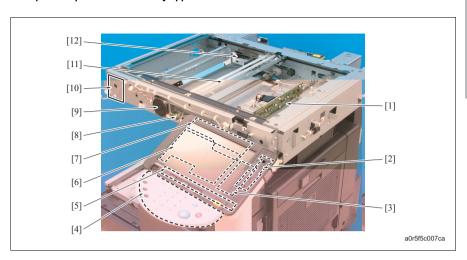
C. Main body inside



[1] DC power supply (DCPS)

[2] Hight voltage unit (HV2)

D. Operation panel and main body upper surface



- [1] CCD board (CCDB)
- [2] VR board(PWB4)
- [3] OB inverter (OB INVB)
- [4] Operation key board/3 (PWB3)
- [5] Operation key board/2 (PWB2)
- [6] Operation board/1 (PWB1)

- [7] LCD board (LCDB)
- [8] USB I/F board (USBIFB)
- [9] Speaker (SP)
- [10] Status indicator LED board (SILB)
- [11] Exposure lamp (L1)
- [12] L1 relay board (L1 RLB)

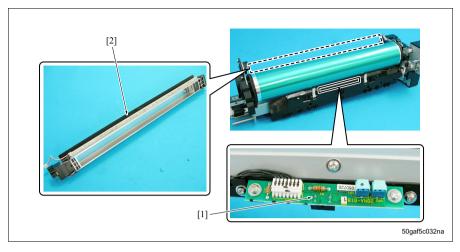
E. Write section



[1] Index board (INDEXB)

[2] Laser drive board (LDB)

F. Photo conductor section



[1] IDC sensor (IDCS)

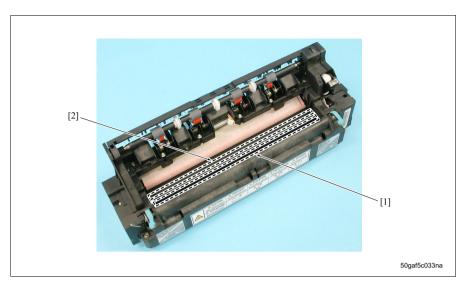
[2] Erase lamp (EL)

G. ADU section



[1] Transfer exposure lamp (TSL)

H. Fusing section



[1] Fusing heater lamp /2 (L3)

[2] Fusing heater lamp /1 (L2)

APPENDIX

14.2 DF

A. Front side



[1] Pressure roller release solenoid (SD1)

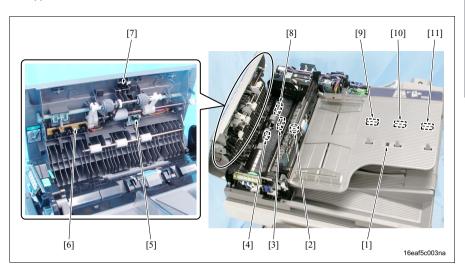
B. Rear side



- [1] Cover open/close sensor (PS7)
- [2] Original conveyance motor (M2)
- [3] Original feed motor (M1)

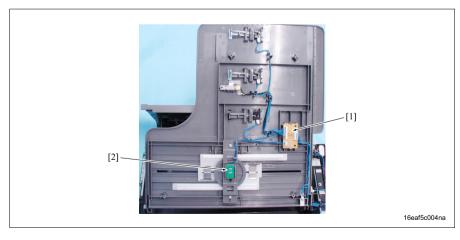
- [4] Cooling fan (FM3)
- [5] DF control board (DFCB)

C. Upper surface



- [1] Original size sensor /2 (PS2)
- [2] Stamp solenoid (SD2)
- [3] Original exit sensor (PS10)
- [4] Original detection sensor (PS8)
- [5] Original feed sensor (PS6)
- [6] Mix original size detection board (MOSDB)
- [7] Original empty sensor (PS5)
- [8] Original registration sensor (PS9)
- [9] Original size sensor /1 (PS1)
- [10] Original size sensor /3 (PS3)
- [11] Original size sensor /4 (PS4)

D. Paper feed tray



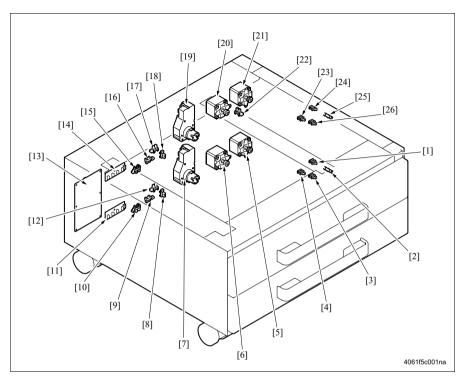
[1] Tray board (TB)

[2] Original size VR (VR1)

APPENDIX

14.3 PC

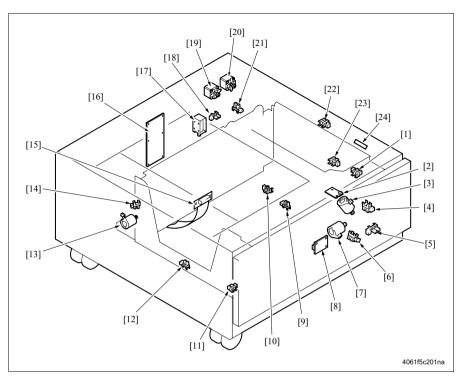
14.3.1 PC-206



- Vertical conveyance sensor /4 (PS126) [1]
- [2] Paper feed sensor /4 (PS125)
- Paper empty sensor /4 (PS124) [3]
- [4] Upper limit sensor /4 (PS123)
- [5] Vertical conveyance motor /4 (M121)
- Paper feed motor /4 (M123) [6]
- Paper lift motor /4 (M125) [7]
- Near-empty sensor /4 (PS122) [8]
- [9] Paper size sensor /Fr4 (PS128)
- [10] Paper size sensor /Rr4 (PS127)
- [11] Paper size detect board /4 (PSDB4)
- Tray set sensor /4 (PS121) [12]
- PC control board (PCCB) [13]

- [14] Paper size detect board /3 (PSDB3)
- Paper size sensor /Rr3 (PS118) [15]
- Paper size sensor /Fr3 (PS119) [16]
- [17] Tray set sensor /3 (PS112)
- [18] Near-empty sensor /3 (PS113)
- Paper lift motor /3 (M124) [19]
- Paper feed motor /3 (M122) [20]
- Vertical conveyance motor /3 (M120) [21]
- [22] Right door open/close sensor (PS111)
- [23] Upper limit sensor /3 (PS114)
- [24] Vertical conveyance sensor /3 (PS117)
- Paper feed sensor /3 (PS116) [25]
- Paper empty sensor /3 (PS115) [26]

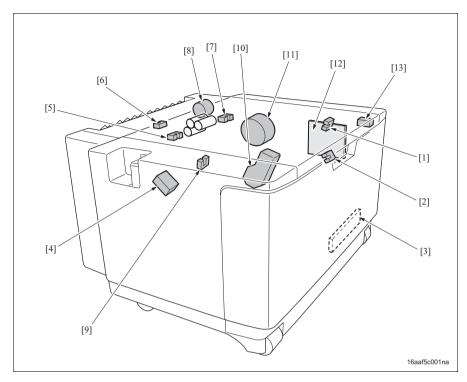
14.3.2 PC-407



- [1] Paper empty sensor (PS3)
- [2] Main tray empty board (MEB)
- [3] Paper lift motor (M5)
- [4] Paper lift motor encoder sensor (PS10)
- [5] Lower limit over run sensor (PS7)
- [6] Shft motor encoder sensor (PS8)
- [7] Shift motor (M4)
- [8] Tray release switch (SW1)
- [9] Shift position sensor (PS11)
- [10] Lower limit sensor (PS13)
- [11] Sub tray empty sensor (PS9)
- [12] Shift home sensor (PS12)

- [13] Shift gate motor (M3)
- [14] Shift gate position sensor (PS14)
- [15] Rely board (RLB)
- [16] PC control board (PCCB)
- [17] Tray lock solenoid (SD1)
- [18] Tray set sensor (PS6)
- [19] Paper feed motor (M1)
- [20] Vertical conveyance motor (M2)
- [21] Right door open/close sensor (PS5)
- [22] Vertical conveyance sensor (PS2)
- [23] Upper limit sensor (PS4)
- [24] Paper feed sensor (PS1)

14.4 LU

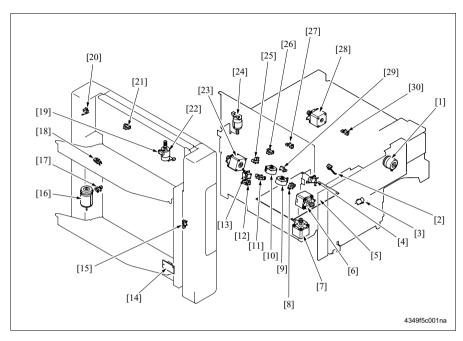


- [1] Remaining paper sensor /1 (PS154)
- [2] Remaining paper sensor /2 (PS151)
- [3] Dehumidifier heater (HTR101) (Service parts setting (P/N 56AA-710#)
- [4] Pick-up solenoid (SD151)
- [5] Paper empty sensor (PS153)
- [6] LU exit sensor (PS155)

- [7] Upper limit sensor (PS152)
- [8] Feed clutch (CL151)
- [9] LU set sensor (PS156)
- [10] Paper lift motor (M151)
- [11] Feed motor (M150)
- [12] LU drive board (LUDB)
- [13] Upper door interlock switch (MS151)

14.5 FS

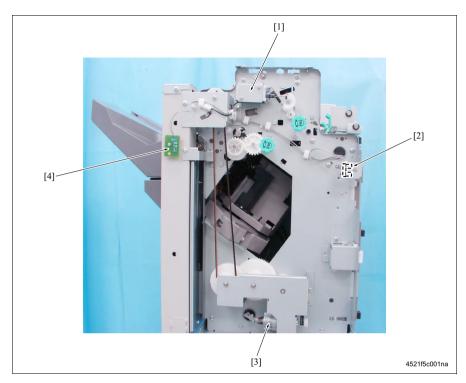
14.5.1 FS-522



- [1] Registration clutch (CL1)
- [2] Guide plate switch (SW4)
- [3] Door switch (SW1)
- [4] Stacker paddle solenoid (SD1)
- [5] FS control board (FSCB)
- [6] Exit motor (M1)
- [7] Stapler movement motor (M7)
- [8] Alignment sensor /Fr (PS7)
- [9] Alignment motor /Fr (M5)
- [10] Alignment motor /Rr (M4)
- [11] Exit paddle home sensor (PS11)
- [12] Stapler home sensor (PS10)
- [13] Exit paddle solenoid (SD2)
- [14] Tray lift board (TLB)
- [15] Tray position sensor (PS3)

- [16] Tray lift motor (M11)
- [17] Lower limit sensor (PS14)
- [18] Upper limit sensor (PS15)
- [19] Shutter switch (SW2)
- [20] Tray overrun switch (SW3)
- [21] Shutter home sensor (PS16)
- [22] Shutter motor (M12)
- [23] Conveyance motor (M2)
- [24] Exit roller release motor (M6)
- [25] Alignment sensor /Rr (PS6)
- [26] Exit roller home sensor (PS12)
- [27] Conveyance sensor (PS5)
- [28] Entrance motor (M3)
- [29] Stacker sensor (PS8)
- [30] Entrance sensor (PS4)

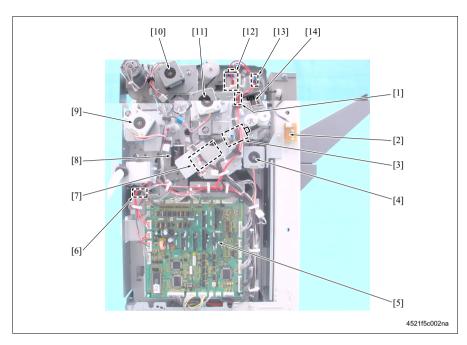
14.5.2 FS-523 A. Front side



- [1] Main gate solenoid (SD2)
- [2] Front door sensor (PS17)

- [3] Tray lift motor (M7)
- [4] Main tray upper limit LED (LED19)

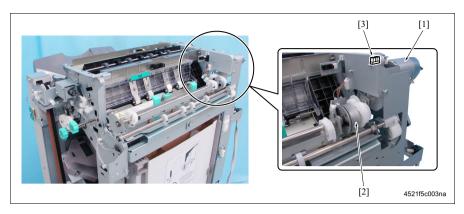
B. Rear side



- [1] Main tray lower limit switch (SW3)
- [2] Main tray upper limit sensor (PS19)
- [3] Paddle motor /Up (M15)
- [4] Paper exit motor (M3)
- [5] FS control board (FSCB)
- [6] Interlock switch (SW1)
- [7] Intermediate conveyance roller release motor (M12)

- [8] Bypass gate solenoid (SD1)
- [9] Entrance conveyance motor (M1)
- [10] Conveyance motor /Up (M4)
- [11] Conveyance motor /Lw (M2)
- [12] Paper exit roller release motor (M13)
- [13] Main tray full sensor (PS7)
- [14] Paddle solenoid /Up (SD3)

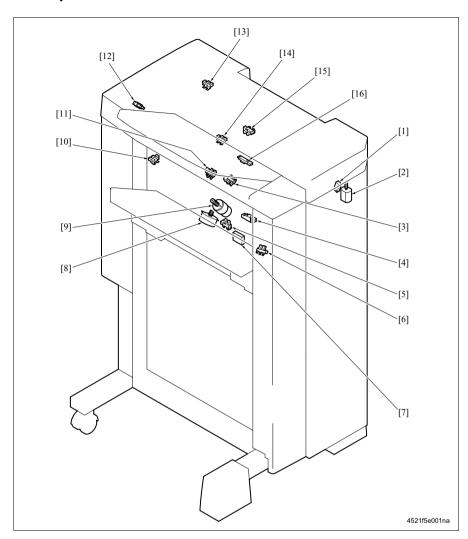
C. Punch section



- [1] Punch motor (M11)
- [2] Punch clutch (CL1)

[3] Punch encoder sensor (PS15)

D. Conveyance section



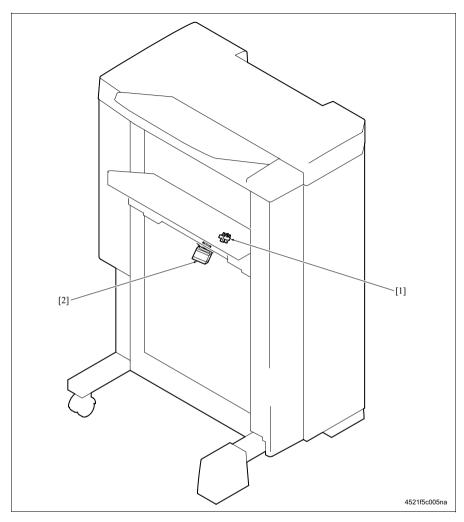
- [1] Hole punch position switch (SW4)
- [2] Hole punch selector motor (M14)
- [3] Intermediate conveyance sensor (PS3)
- Alignment tray sensor (PS5) [4]
- [5] Main tray reset sensor (PS8)
- [6] Alignment home sensor (PS9)
- [7] Main tray upper limit switch (SW2)
- Alignment motor (M5) [8]

- [9] Paddle motor /Lw (M9)
- [10] Roller release home sensor (PS12)
- Main route conveyance sensor (PS4) [11]
- [12] Exit roller home sensor (PS13)
- Upper door sensor (PS18)
- Sub tray full sensor (PS6) [14]

[13]

- [15] Sub tray exit sensor (PS1)
- Bypass route conveyance sensor (PS2) [16]

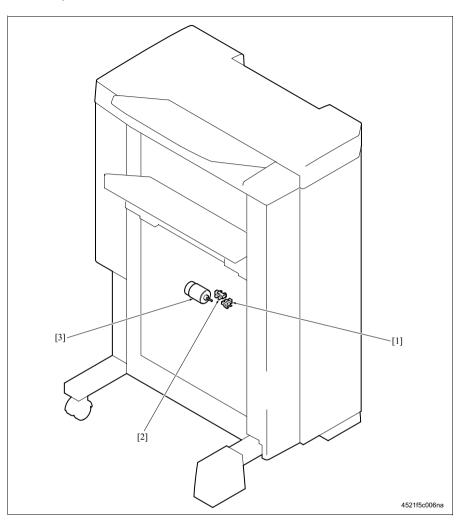
E. Stapler section



[1] Stapler home sensor (PS14)

[2] Stapler moving motor (M6)

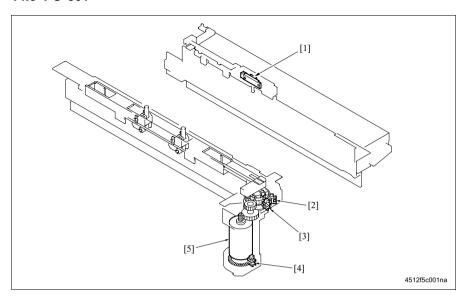
F. Main tray section



- [1] Shift home sensor (PS10)
- [2] Shift encoder sensor (PS11)

[3] Shift motor (M8)

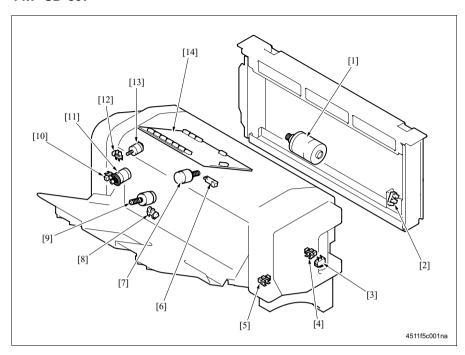
14.6 PU-501



- [1] Punch scraps full sensor (PS1)
- [2] Punch position sensor /1 (PS2)
- [3] Punch position sensor /2 (PS3)

- [4] Encoder sensor (PS4)
- [5] Punch motor (M1)

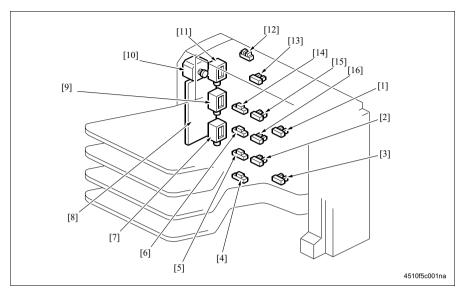
14.7 SD-507



- [1] Folding motor (M10)
- [2] Folding roller home sensor (PS22)
- [3] SD interlock switch (SW4)
- [4] Staple guide home sensor (PS26)
- [5] Paper guide home sensor (PS23)
- [6] Exit sensor (PS20)
- [7] Staple guide motor (M14)

- [8] Tray empty sensor (PS21)
- [9] Paper guide motor (M13)
- [10] Exit motor encoder sensor (PS25)
- [11] Conveyance motor (M8)
- [12] Saddle exit home sensor (PS18)
- [13] Exit open/close motor (M9)
- [14] SD control board (SDCB)

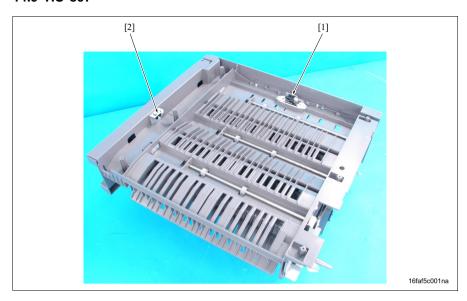
14.8 MT-502



- [1] Conveyance sensor /Up (PS9)
- [2] Paper full sensor /1 (PS5)
- [3] Conveyance sensor /Lw (PS10)
- [4] Paper detection sensor /1 (PS1)
- [5] Paper detection sensor /2 (PS2)
- [6] Paper detection sensor /3 (PS3)
- [7] Gate solenoid /1 (SD1)
- [8] MT control board (MTCB)

- [9] Gate solenoid /2 (SD2)
- [10] Conveyance motor (M1)
- [11] Gate solenoid /3 (SD3)
- [12] Right door open/close sensor (PS11)
- [13] Paper full sensor /4 (PS8)
- [14] Paper detection sensor /4 (PS4)
- [15] Paper full sensor /3 (PS7)
- [16] Paper full sensor /2 (PS6)

14.9 RU-507

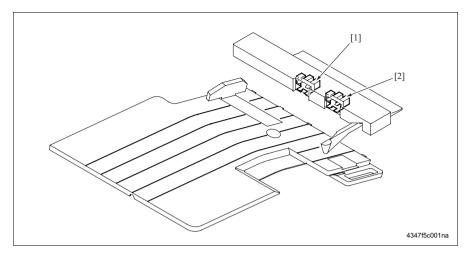


[1] Path sensor (PS2)

[2] Door sensor (PS1)

APPENDIX

14.10 JS-502



[1] Paper full sensor (PS1)

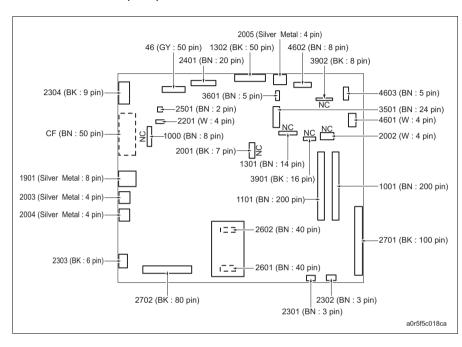
[2] Not used

15. CONNECTOR LAYOUT DRAWING

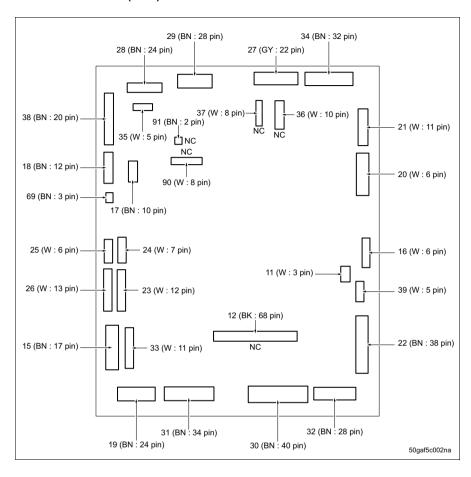
15.1 Main body

15.1.1 Connector in the board

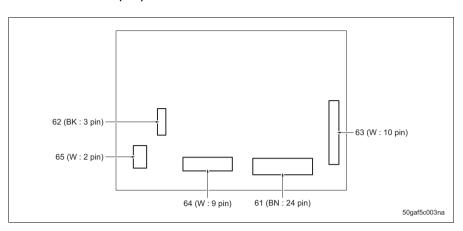
A. Overall control board (OACB)



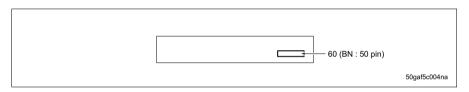
B. Printer control board (PRCB)



C. Scanner drive board (SDB)

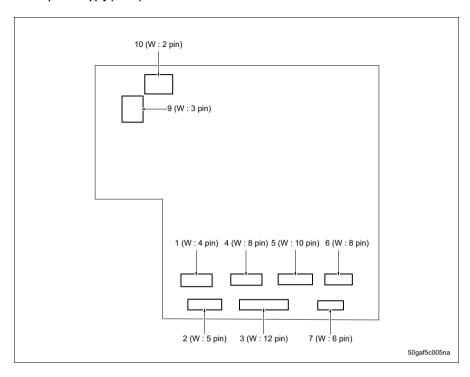


D. CCD board (CCDB)



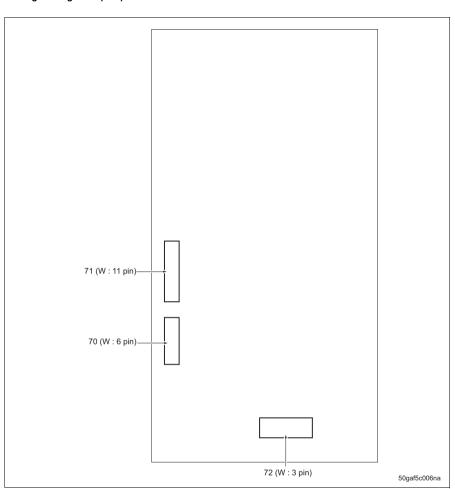
APPENDIX

E. DC power supply (DCPS)

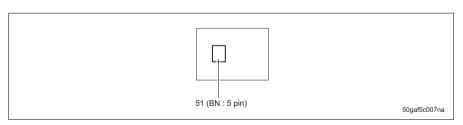


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F. High voltage unit (HV2)



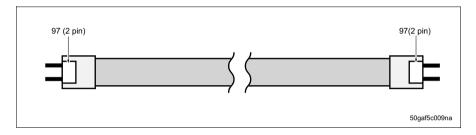
G. Index board (INDEXB)



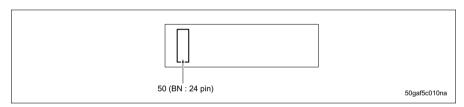
H. L1 inverter (L1 INVB)



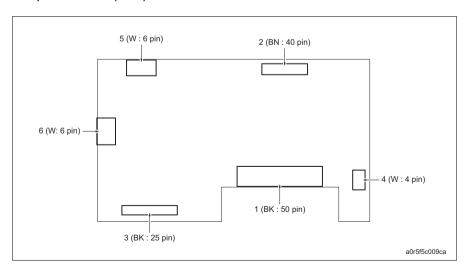
I. L1 relay board (L1 RLB)



J. Laser drive board (LDB)

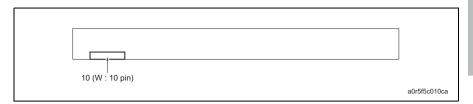


K. Operation board/1 (PWB1)

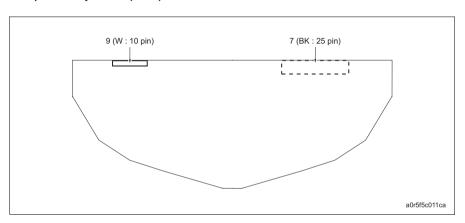


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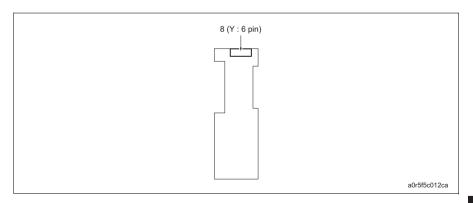
L. Operation key board/2 (PWB2)



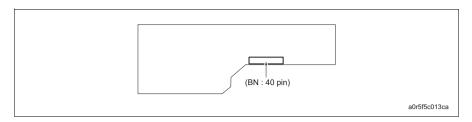
M. Operation key board/3 (PWB3)



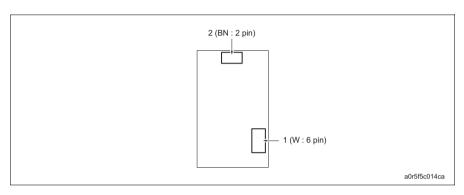
N. VR board (PWB4)



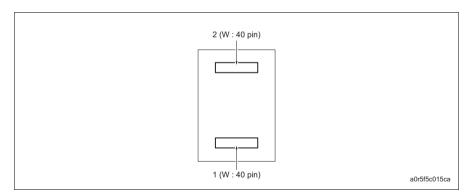
O. LCD board (LCDB)



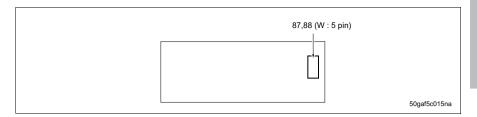
P. OB inverter (OB INVB)



Q. NVRAM board (NRB)



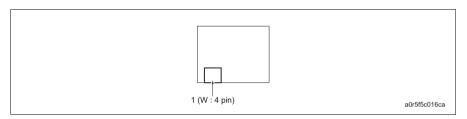
R. Paper size board /1, /2 (PSB/1, /2)



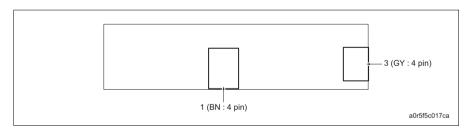
S. Toner control sensor board



T. Status indicator LED board (SILB)



U. USB I/F board (USBIFB)

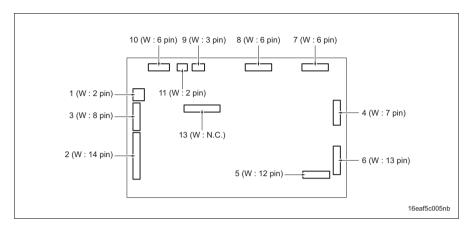


PPENDIX

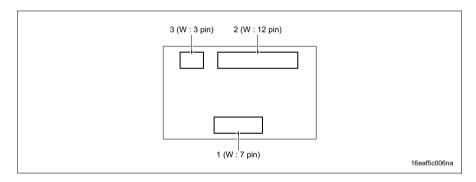
15.2 DF

15.2.1 Connector in the board

A. DF control board (DFCB)



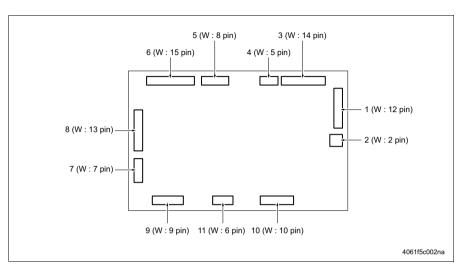
B. Tray board (TB)



15.3 PC

15.3.1 Connector in the board

- A. PC-206
- (1) PC control board (PCCB)

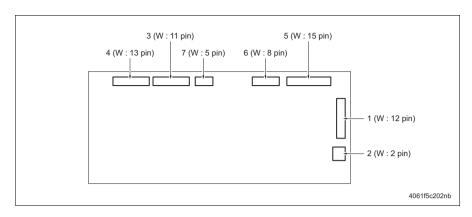


(2) Paper size detect board /3, /4 (PSDB3, PSDB4)

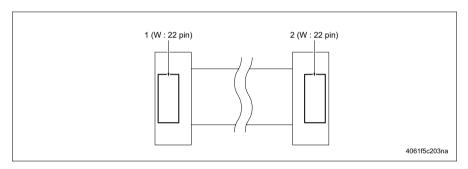


B. PC-407

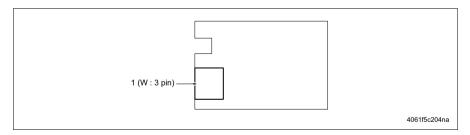
(1) PC control board (PCCB)



(2) Relay board (RLB)



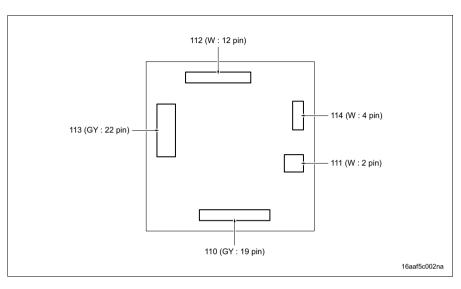
(3) Main tray empty board (MEB)



15.4 LU

15.4.1 Connector in the board

A. LU drive board (LUDB)



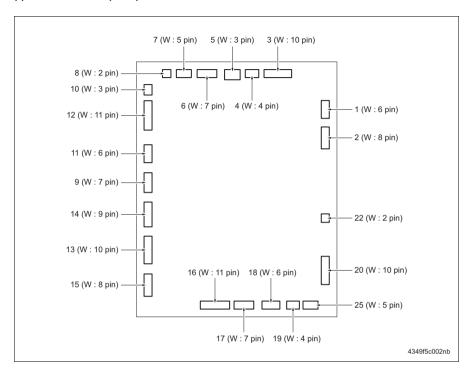
APPENDIX

15.5 FS

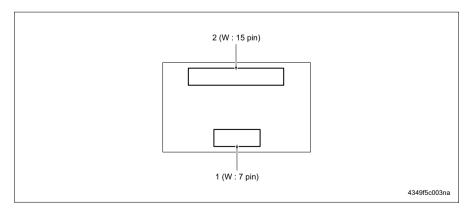
15.5.1 Connector in the board

A. FS-522

(1) FS control board (FSCB)

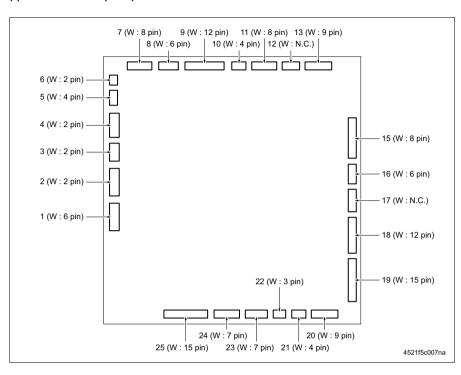


(2) Tray lift board (TLB)



B. FS-523

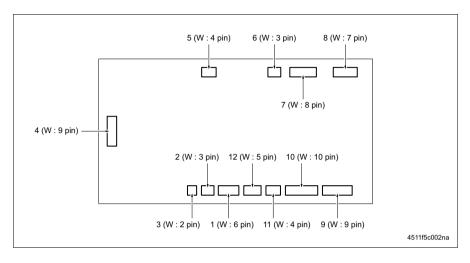
(1) FS control board (FSCB)



15.6 SD

15.6.1 Connector in the board

A. SD control board (SDCB)

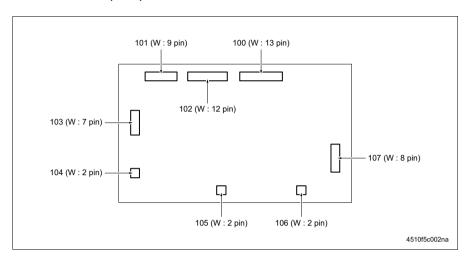


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15.7 MT

15.7.1 Connector in the board

A. MT control board (MTCB)

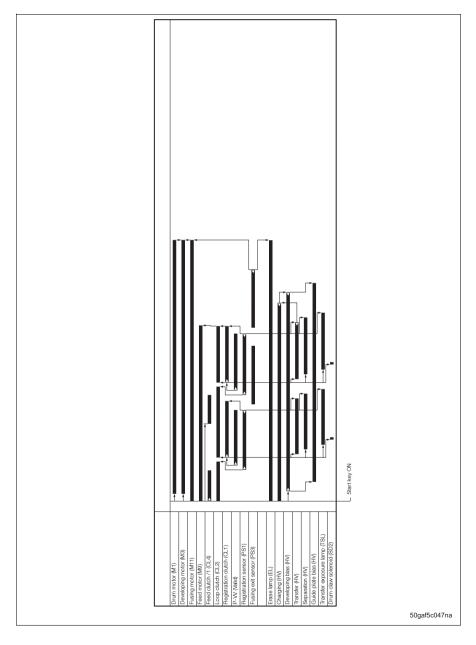


APPENDIX

16.TIMING CHART

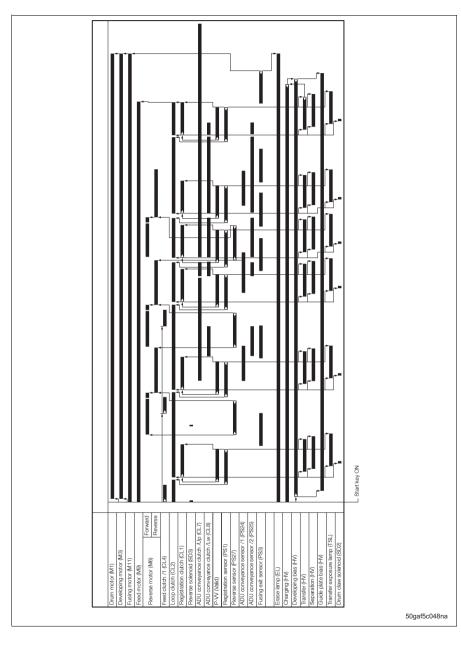
16.1 Main body

A. A4, 2 single sided originals, single sided copy (1 copy), paper feed tray 1



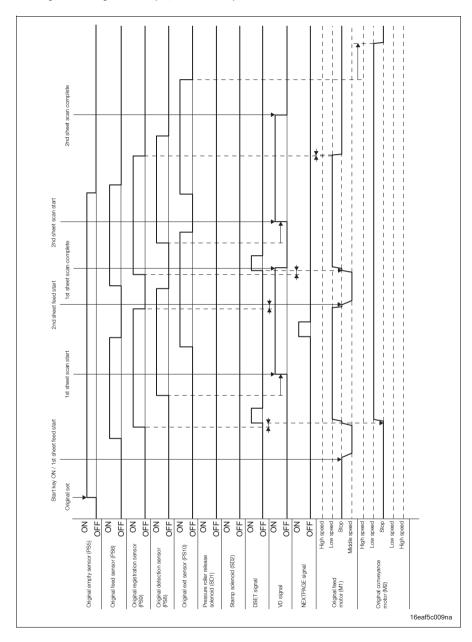
bizhub 501/421/361

B. A4, 3 double sided original, double sided copy (1 copy), paper feed tray 1

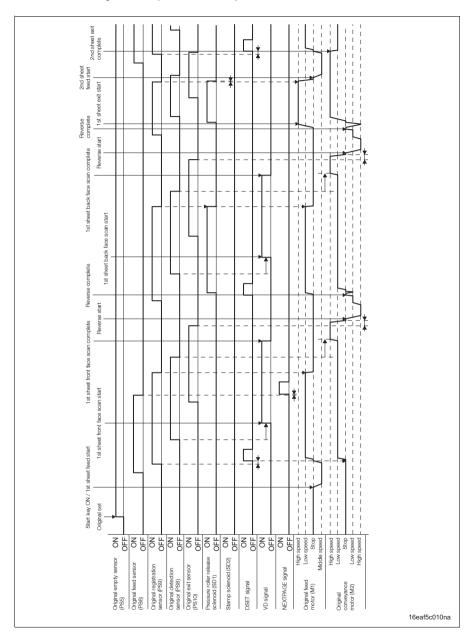


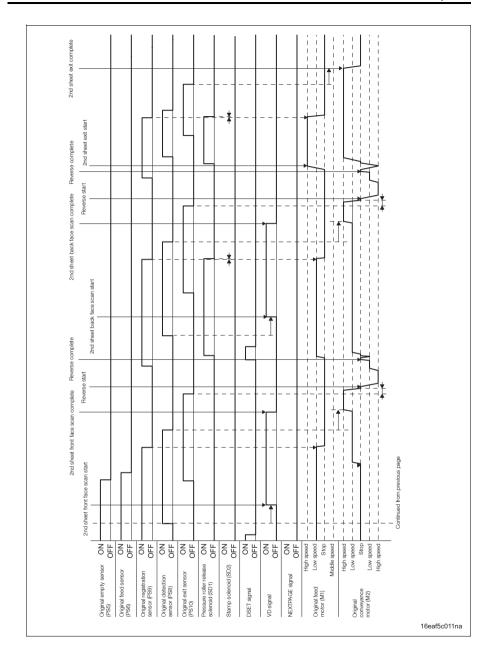
16.2 DF

A. Single sided original mode (A4, 2 sheets feed)



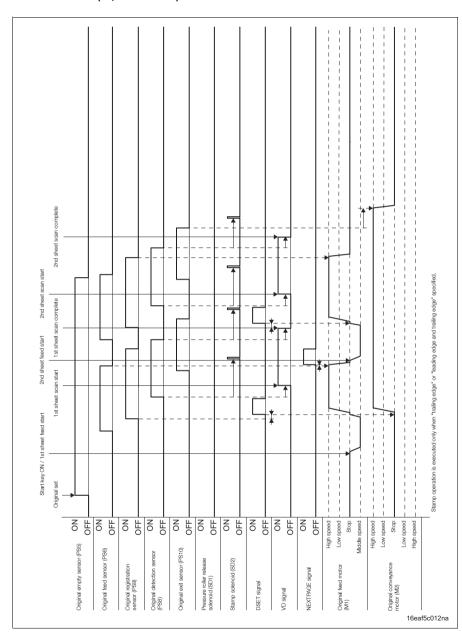
B. Double sided original mode (A4, 2 sheets feed)



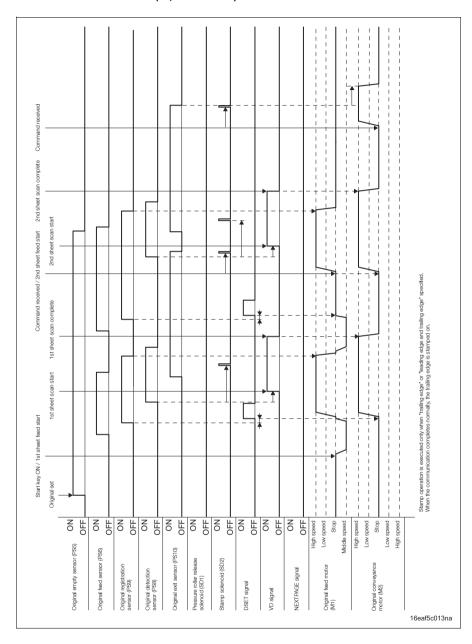


APPENDIX

C. FAX fine mode (A4, 2 sheets feed)



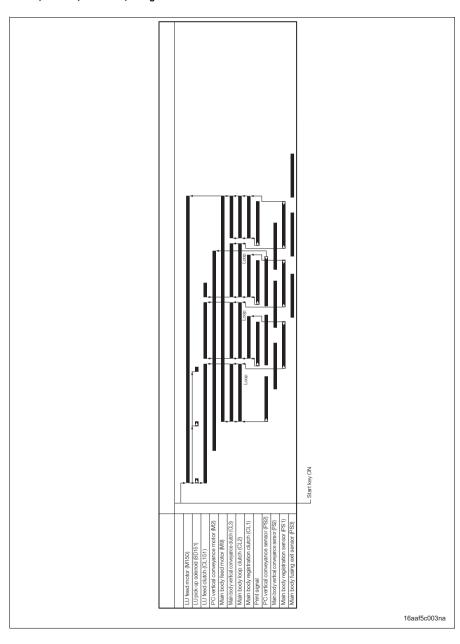
D. FAX immediate send mode (A4, 2 sheets feed)



bizhub 501/421/361

16.3 LU

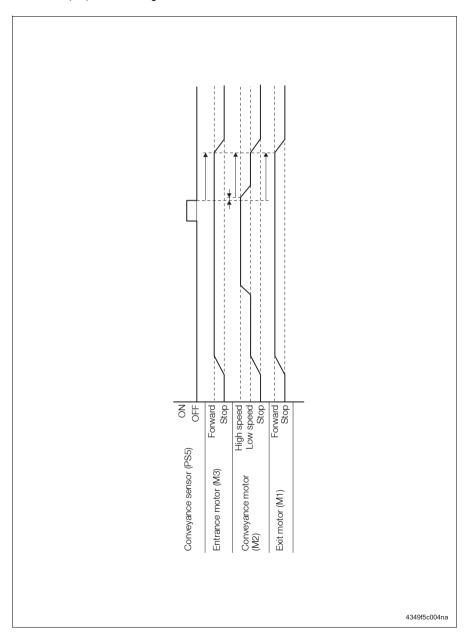
A. A4, life size, 1-1 mode, 3 originals



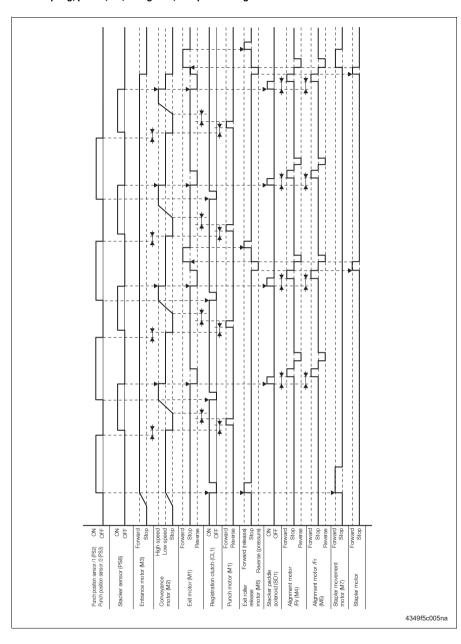
16.4 FS

16.4.1 FS-522

A. Non-sort, A4, 1 sheet setting

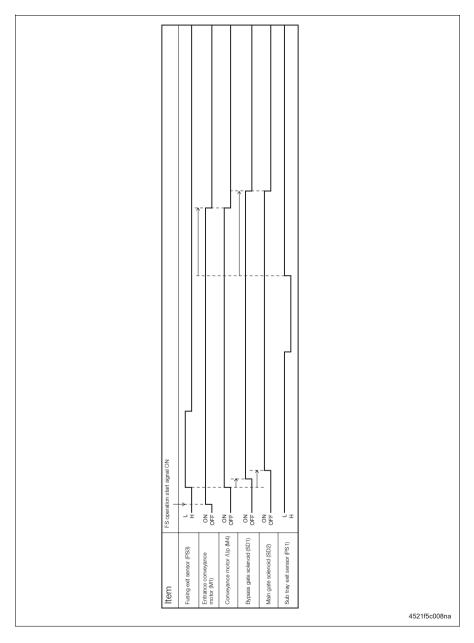


B. 1 stapling, punch, A4, 2 originals, 2 copies setting



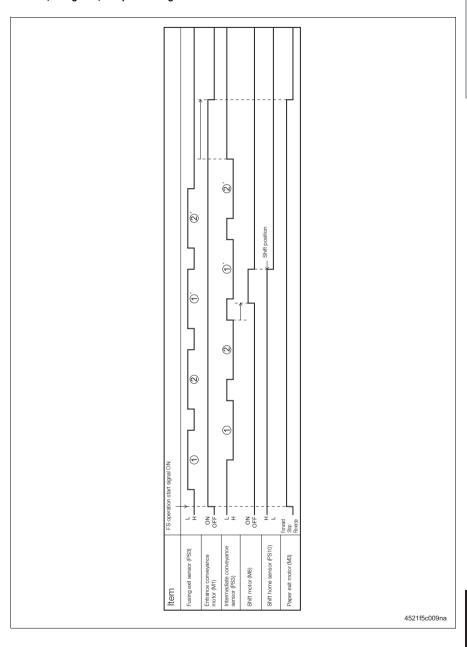
16.4.2 FS-523

A. No-sort, 1 original, 1 copy setting

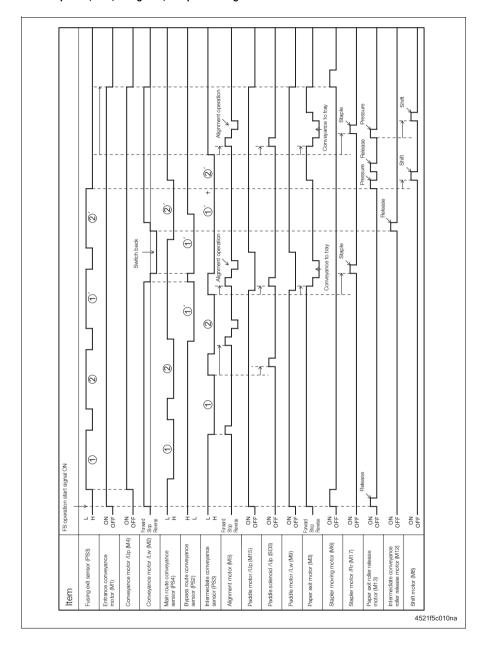


bizhub 501/421/361

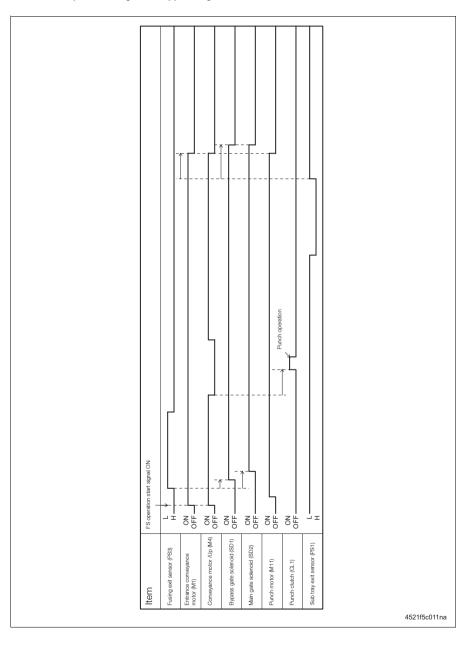
B. Sort, 2 originals, 2 copies setting



C. 1 staple /Rr, A4S, 2 originals, 2 copies setting



D. Non-sort, punch, 1 original, 1copy setting



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CCDB

17. OVERALL WIRING DIAGRAM

Main Body location list

CBR1 CBR2	Circuit breaker /1	3-B
0.000	Circuit breaker /2	3-C
CCDB	CCD board	14-C
CL1	Registration clutch	20-Y
CL2	Loop clutch	21-Y
CL3	Vertical conveyance clutch	8-Y
CL4	Feed clutch /1	13-Y
CL5	Feed clutch /2	8-Y
CL6	Feed clutch /BP	15-Y
CL7	ADU conveyance clutch /Up	9-Y
CL8	ADU conveyance clutch /Lw	9-Y
DCPS	DC power supply	4-A
DIMM	Standard memory	20-1
EL	Erase lamp	11-Q
FM1	Power supply cooling fan	4-X
FM2	Fusing cooling fan /Fr	9-Q
FM3	Exhaust fan /Fr	24-Q
FM4	Drum cooling fan	5-Q
FM5	Coveyance suction fan	10-Y
FM6	Developing suction fan	5-Q
FM7	Developing saction fair Developing cooling fan	5-X
FM8	Fusing cooling fan /Rr	9-Q
FM9	Exhaust fan /Rr	25-Q
FM10		12-L
	Overall control board cooling fan	
FM11	CPU cooling fan	13-J
HUMS	Humidity sensor	20-Y
HV	Hight voltage unit	3-Q
IDCS	IDC sensor	10-Q
INDEXB	Index board	18-L
KCT	Key counter	18-R
L1	Exposure lamp	17-S
L1 INVB	L1 inverter	17-Q
L1 RLB	L1 relay board	17-R
L2	Fusing heater lamp /1	11-B
L3	Fusing heater lamp /2	11-B
LCD	LCD	6-H
LCDB	LCD board	6-H
LDB	Laser drive board	16-L
M1	Drum motor	1-Y
M2	Scanner motor	16-Q
M3	Developing motor	3-Y
M4	Toner supply motor	7-R
M5	Polygon motor	15-P
M6	Reverse motor	25-Q
M7	Paper lift motor /1	17-Y
M8	Paper lift motor /2	19-Y
M9	Feed motor	5-Y
M10	Toner bottle motor	8-R
M11	Fusing motor	2-Y
MS	Interlock switch	8-F
NF	Noise filter	4-B
NRB	NVRAM board	20-H
OACB	Overall control board	11-F
OB INVB	OB inverter	6-K
PKB	Panel key board	6-G
PRCB	Printer control board	1-T
PS1	Registration sensor	21-Y
PS2	Vertical conveyance sensor	12-Y
PS3	Fusing exit sensor	7-Q
	Toner bottle sensor	7-Q 26-R
PS4		

Symbol	Part name	Location
PS5	Paper empty sensor /1	11-Y
PS6	Upper limit sensor /1	11-Y
PS7	Feed door open/close sensor	12-Y
PS8	Tray set sensor /1	15-Y
PS9	Near-empty sensor /1	15-Y
PS10	Paper size sensor /Rr1	16-Y
PS11	<u>'</u>	16-Y
PS12	Paper size sensor /Fr1	11-Y
	Paper empty sensor /2	
PS13	Upper limit sensor /2	12-Y
PS14	Tray set sensor /2	18-Y
PS15	Near-empty sensor /2	18-Y
PS16	Paper size sensor /Rr2	18-Y
PS17	Paper size sensor /Fr2	19-Y
PS18	Paper empty sensor /BP	13-Y
PS19	Paper size sensor /BP1	14-Y
PS20	Paper size sensor /BP2	14-Y
PS21	Paper size sensor /BP3	14-Y
PS22	Paper size sensor /BP4	6-Y
PS23	Lift sensor	7-Y
PS24	ADU conveyance sensor /1	8-Y
PS25	ADU conveyance sensor /2	9-Y
PS26	ADU open/close sensor	9-Y
PS27	Reverse sensor	26-Q
PS28	Toner bottle position sensor	27-R
PS30	· ·	
	Scanner home sensor	17-Q
PS31	APS timing sensor	17-Q
PS32	APS sensor	18-Q
PSB/1	Paper size board /1	16-Y
PSB/2	Paper size board /2	19-Y
PWB1	Operation board /1	8-G
PWB2	Operation key board /2	8-M
PWB3	Operation key board /3	8-L
PWB4	VR board	9-L
PZS	Toner remaining sensor	7-R
RL1	Main relay	6-A
RL2	Sub relay	6-B
SD1	Pick-up solenoid /BP	7-Y
SD2	Drum claw solenoid	11-Q
SD3	Reverse solenoid	25-Q
SD4	Web solenoid	8-R
SD5	Toner solenoid	9-R
SDB	Scanner drive board	16-N
SILB	Status indicator LED board	14-L
SP	Speaker	11-L
SW1	Main power switch	3-D
SW2	Power switch	10-L
SW3	DF open/close switch	18-Q
TCRS	TCR sensor	13-Y
TCT	Total counter	10-Y
TH1	Thermistor /1	6-Q
TH2	Thermistor /2	6-Q
TS	Thermostat	11-A
TSL	Transfer exposure lamp	22-Y
USBIFB	USB I /F board	15-L
VR1	Paper size VR /BP	7-Y
_	DF-613	13-N
	FK-502	24-H
_		
	FS-522	3-L
_	FS-523	3-L
_	HD-509	14-H

Symbol	Part name	Location
_	IC-207	14-I
_	JS-502	23-Q
_	LU-203	7-N
_	MK-708	24-H
_	ML-503	24-H
_	PC-206	4-1
_	PC-407	4-1
_	RU-507	3-L
_	SC-505	17-I
_	EM-312	16-H
_	EK-703	18-H
_	Inlet	2-B
_	Guide plate bias	4-P
_	Grid	3-Q
_	Developing	3-O
_	Coin vendor /2	11-Q
_	Copy vender (serial)	22-D
_	Charging	3-P
_	Transfer	4-P
_	Backlight	6-J
_	Plug	2-B
_	Separation	4-P

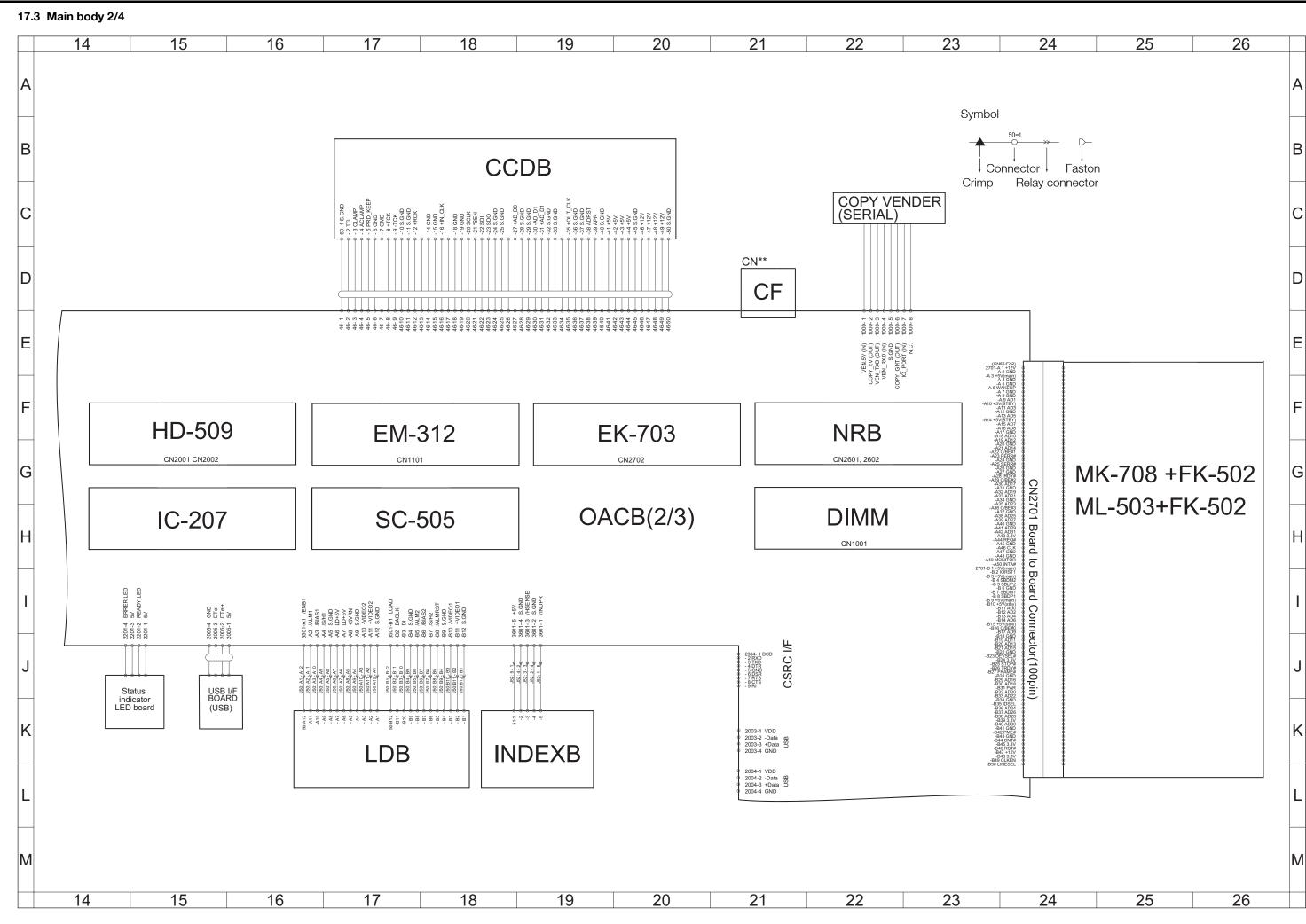
Main Body location list

17. OVERALL WIRING DIAGRAM

Wall body location list			
Symbol	Part name	Location	
CBR1	Circuit breaker /1	3-B	
CBR2	Circuit breaker /2	3-C	
DCPS	DC power supply	4-A	
FM10	Overall control board cooling fan	12-K	
FM11	CPU cooling fan	13-J	
L2	Fusing heater lamp /1	11-B	
L3	Fusing heater lamp /2	11-B	
LCD	LCD	6-H	
LCDB	LCD board	6-H	
MS	Interlock switch	8-F	
NF	Noise filter	4-B	
OACB	Overall control board	11-F	
OB INVB	OB inverter	6-K	
PKB	Panel key board	6-G	
PWB1	Operation board /1	8-G	
PWB2	Operation key board /2	8-M	
PWB3	Operation key board /3	8-L	
PWB4	VR board	9-M	
RL1	Main relay	6-B	
RL2	Sub relay	6-B	
SP	Speaker	11-L	
SW1	Main power switch	3-D	
SW2	Power switch	9-L	
TS	Thermostat	11-B	
_	FS-522	3-K	
_	FS-523	3-K	
_	LU-203	1-l	
_	PC-206	3-H	
_	PC-407	3-H	
_	RU-507	3-K	
_	Inlet	2-B	
_	Backlight	6-J	
_	Plug	2-B	
	•		

Field Service Ver.1.0 May. 2008

bizhub 501/421/361



Main Body location list

17. OVERALL WIRING DIAGRAM

Symbol	Part name	Location
CCDB	CCD board	17-B
INDEXB	Index board	18-K
LDB	Laser drive board	16-K
NRB	NVRAM board	21-F
DIMM	Standard memory	21-H
SILB	Status indicator LED board	14-J
USBIFB	USB I/F board	15-J
_	FK-502	24-E
_	HD-509	14-F
_	IC-207	14-G
_	MK-708	24-E
_	ML-503	24-E
_	SC-505	17-G
_	EM-312	17-F
_	EK-703	19-F
_	Copy vender (serial)	22-C

Field Service Ver.1.0 May. 2008

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17.4 Main body 3/4 3 9 10 11 12 13 5 DCPS(2/2) 0 7-5 To guide plate bias Separation J62-4 J62-3 Coin vendor/2 Q TH1 TH2 IDCS HV FM8 (FM4) FM6 (FM2) 937:2 - 1 M4 M10 J12: 6-2 J13:A4 - AJ 980:1-1 J13:A2 - A3 980:3 - 3 70-6 70-5 70-3 70-2 70-2 935:2 - 1 56 S J28:6-1 J28:5-2 J28:4-3 J28:3-4 J28:2-5 J28:1-6 S 24V1 16-1 P.GNID 16-2 0 (DO/L/BIAS1 16-3 0 (AO/2-8V)B_SIG 16-4 0 P.GND 16-5 0 24V2 16-6 0 /F6.DRV 15-15 (DI/H) /F6.LCK 15-16 P.GND 15-17 (AI/0-5V) TH1.S 34-A1 6 S.GND 34-A2 6 /F4.DRV 15-12 / /F4.LCK 15-13 P.GND 15-14 5V_R 34-A5 S.GND 34-A6 FIX_PS 34-A7 BTLM_A 34-B1 6 BTLM_AB 34-B2 6 BTLM_B 34-B3 6 BTLM_AB 34-B4 6 24V2 34-B6 6 /F2.DRV 34-B11 (P2.LCK(DI/H) 34-B12 P.GND 34-B13 C SD_DRV 33-8 6 24V2 33-9 6 5V) TH2.S 34-A3 c S.GND 34-A4 c S.GND 34-A8 (//_LEVEL(DI) 34-A9 (TLEV_5V 34-A10 (24V2 34-B7 (3_SD_DRV 34-B8 24V2 34-B9 (34-B14 34-B15 34-B16 24V2 33-10 o PCL_DRV 33-11 o 33-1 33-2 33-4 33-5 33-6 33-7 35-1 35-2 35-3 35-4 35-5 20-1 20-2 20-3 20-4 20-5 20-5 (AO/4-10V) SC S16 15 (AO/4-10V) SC S16 15 (AO/4-10V) SC S16 15 (AO/4-10V) T S16 15 (AO/4-10V) T S16 15 (AO/4-10V) CAONT 15 (AO 24V2 2 P GND 2 DRUM_TH 12V 12V TNOUT TNOUT 3 S.GND 24V2 3 KEY.SIG 3 S.GND 3 KC.DRV 3 P.GND 3 /F2.DRV 3.LCK(DI/H) 3.P.GND 3 PRCB(1/2) 31-A4 24V2 31-A5 MULTI_PICKUP_SD_ 30-B7 5V_R 30-B8 S.GND 30-B9 MULTI_EMPTY_F 32-414 5V 32-413 S.GND 32-412 /DEV_ONL 32-49 /DEVM_LCK 32-49 /DEVM_LCK 32-48 /DEVM_GAIR 32-48 P.GND 32-45 P.GND 32-45 24V2 26-44 24V2 27-81 5V 27-82 F_MTYPE 27-84 FKM_ON(27-85 S.GND 27-86 FKM_CLK 27-86 FKM_GLK 27-87 FKM_GND 27-89 P.GND 27-89 P.GND 27-810 24V2 27-811 24V2 32-811 5V 32-81 0 S.GND 32-89 FEED_ON 32-88 FEEDM_CI 32-86 N.C. 32-85 FEED_GAI 32-84 P.GND 32-83 P.GND 32-83 P.GND 32-81 24V2 32-81 24V2 31-B12 24V2 31-B13 DUP_CL2_ 31-B14 N.C. 31-B10 24V2 31-B11 DUP_CL1 30-B10 5V_R 30-B11 S.GND 30-B12 MULTI_S 32-A3 GND 32-A2 /F1.LCK(I 32-A1 F1.DRV 32-B14 GND 32-B13 /F7.LCK(32-B12 F7.DRV 31-A14 24V2 31-A15 V_FEED_ 31-B15 F5.DRV 31-B16 P.GND 31-B17 /F5.LCK 30-A1 24V2 30-A2 TC_DRV 30-B1 TDS_COI 30-B2 12V 30-B3 TDS_SIG 30-B4 S.GND 31-A1 5V_R 31-A2 S.GND 31-A3 MULTI_S 31-A6 S.GND 31-A7 MULTI_W 31-A8 5V 31-A7 5V_R 31-A8 S.GND 31-B9 DUP_CO 30-A6 5V_R 30-A7 S.GND 30-A8 TRAY1_F 31-B1 5V_R 31-B2 S.GND 31-B3 DUP_PS 31-84 5V_R 31-85 S.GND 31-86 DUP_PS 30-A3 5V_R 30-A4 S.GND 30-A5 TRAY1_E 30-A18 5V_R 30-A19 S.GND 30-A20 SIDE DC 31-A16 24V2 31-A17 TRAY2 30-B5 24V2 30-B6 TRAY1 J35: 3 - 2 J35: 4 - 1 911:3-1 917:3-2 917:2-3 917:1-4 S -2 JO4: 2-5 CS -2 JO4: 2-5 CS -2-5 J04: 4-3 J04: 5-2 J04: 6-1 27.1.326 CT2 925:2-1 CT3 FM7 PS6 conveyance 2 927: 2-(FM1) PS22 th /1 5V-1 S.G-2 CONT-3 CLK-4 CCCW-5 HAL-7 P.G-8 P.G-9 24V-10 5V-1 S.G-2 COKF-3 CCKW-5 LD-6 H/L-7 P.G-9 P.G-9 5V-1 S.G-2 S.G-2 CLK-4 CLK-4 CCW-5 LD-6 HAL-7 P.G-9 P.G-8 5V-1 S.G-2 CONT-3 CLK-4 ACCW-5 LD-6 HAL-7 P.G-8 P.G-9 PS12 PS24 VR1 PS25 PS13 PS23 PS19 ្នាក់ផ្ល PS7 PS26 FM5 (M1)(M11) (M3) (M9) TCRS sensor /BP4 Ploid /BP © RT3 = φ3 Ζ

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Main Body location list

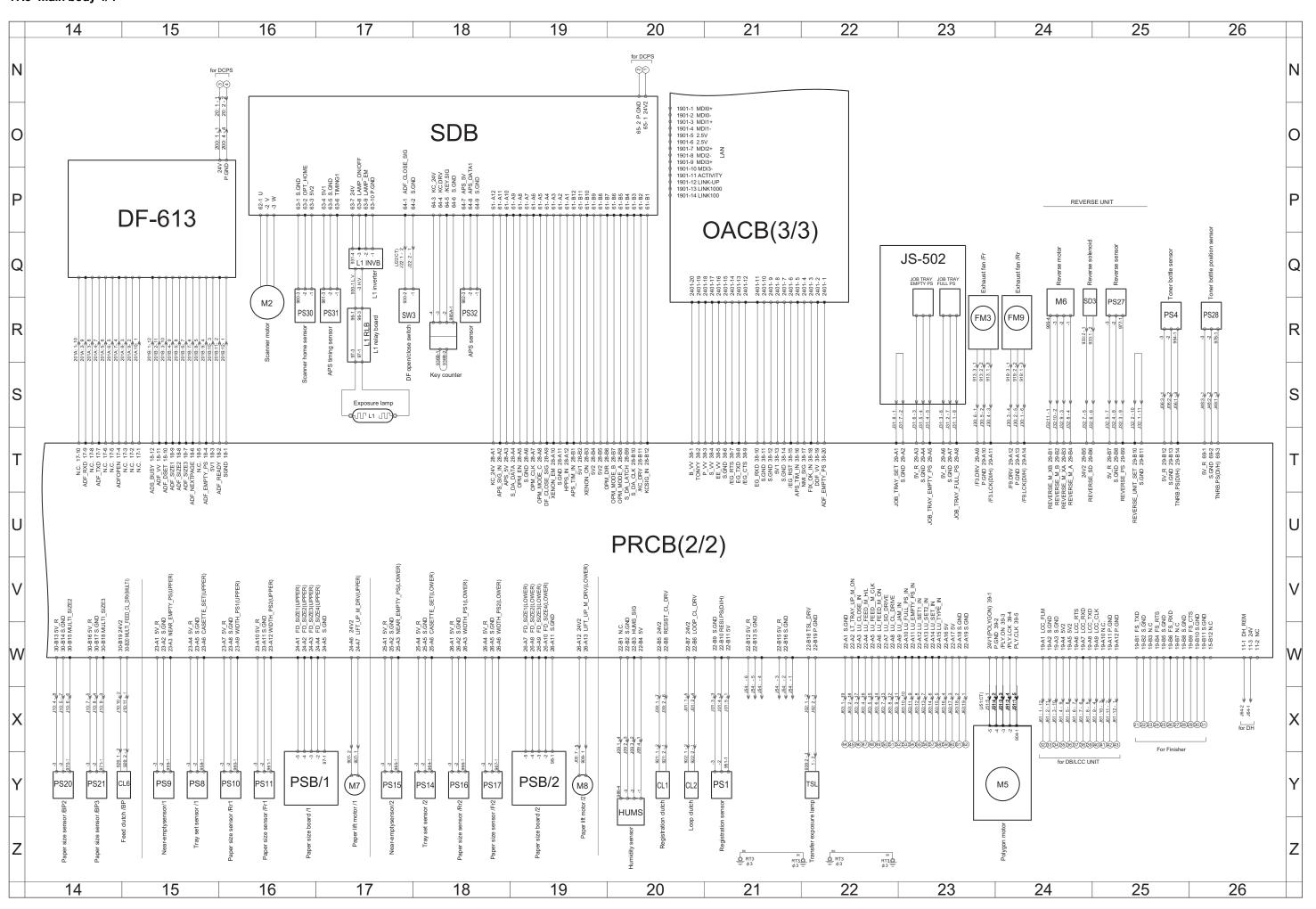
17. OVERALL WIRING DIAGRAM

Main Body location list			
Symbol	Part name	Location	
CL3	Vertical conveyance clutch	7-Y	
CL4	Feed clutch /1	12-Y	
CL5	Feed clutch /2	7-Y	
CL7	ADU conveyance clutch /Up	9-Y	
CL8	ADU conveyance clutch /Lw	9-Y	
EL	Erase lamp	10-Q	
FM1	Power supply cooling fan	4-X	
FM2	Fusing cooling fan /Fr	8-Q	
FM4	Drum cooling fan	5-Q	
FM5	Coveyance suction fan	9-X	
FM6	Developing suction fan	5-Q	
FM7	Developing cooling fan	4-X	
FM8	Fusing cooling fan /Rr	9-Q	
HV	Hight voltage unit	3-Q	
IDCS	IDC sensor	9-Q	
M1	Drum motor	1-X	
M3	Developing motor	3-X	
M4	Toner supply motor	7-R	
M9	Feed motor	5-X	
M10	Toner bottle motor	7-R	
M11	Fusing motor	2-X	
PRCB	Printer control board	1-T	
PS2	Vertical conveyance sensor	11-Y	
PS3	Fusing exit sensor	6-Q	
PS5	Paper empty sensor /1	10-Y	
PS6	Upper limit sensor /1	10-Y	
PS7	Feed door open/close sensor	12-Y	
PS12	Paper empty sensor /2	11-Y	
PS13	Upper limit sensor /2	11-Y	
PS18	Paper empty sensor /BP	13-Y	
PS19	Paper size sensor /BP1	13-Y	
PS22	Paper size sensor /BP4	6-Y	
PS23	Lift sensor	7-Y	
PS24	ADU conveyance sensor /1	8-Y	
PS25	ADU conveyance sensor /2	8-Y	
PS26	ADU open/close sensor	8-Y	
PZS	Toner remaining sensor	6-Q	
SD1	Pick-up solenoid /BP	6-Y	
SD2	Drum claw solenoid	10-Q	
SD4	Web solenoid	8-R	
SD5	Toner solenoid	8-R	
TCRS	TCR sensor	12-Y	
TCT	Total counter	10-Y	
TH1	Thermistor /1	6-Q	
TH2	Thermistor /2	6-Q	
VR1	Paper size VR /BP	6-Y	
_	DF-613	14-O	
_	Guide plate bias	3-P	
_	Grid	3-Q	
_	Developing	3-O	
_	Coin vendor /2	11-Q	
_	Charging	3-Q	
_	Transfer	4-P	
_	Separation	4-P	

Field Service Ver.1.0 May. 2008

bizhub 501/421/361

17.5 Main body 4/4



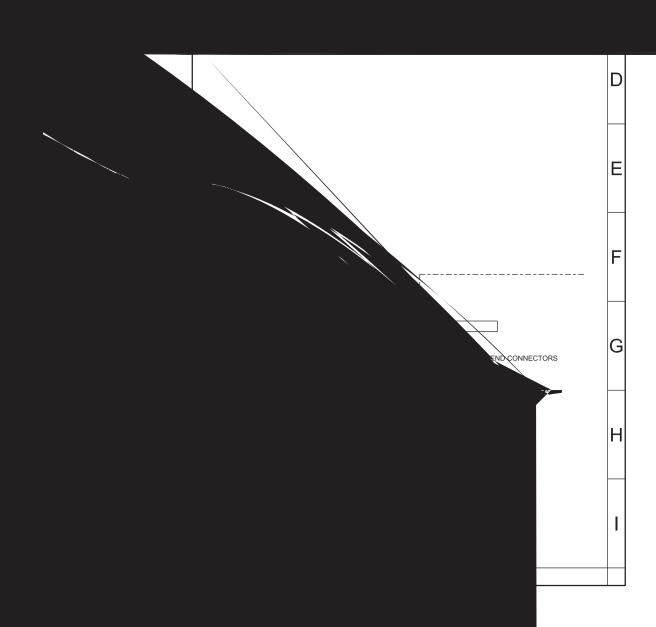
Main Body location list

17. OVERALL WIRING DIAGRAM

Symbol	Part name	Location
CL1	Registration clutch	20-Y
CL2	Loop clutch	20-Y
CL6	Feed clutch /BP	14-Y
FM3	Exhaust fan /Fr	23-Q
FM9	Exhaust fan /Rr	24-Q
HUMS	Humidity sensor	20-Y
KCT	Key counter	18-R
L1	Exposure lamp	17-S
L1 INVB	L1 inverter	17-Q
L1 RLB	L1 relay board	17-R
M2	Scanner motor	16-Q
M5	Polygon motor	23-X
M6	Reverse motor	24-Q
M7	Paper lift motor /1	17-Y
M8	Paper lift motor /2	19-Y
PS1	Registration sensor	21-Y
PS4	Toner bottle sensor	25-R
PS8	Tray set sensor /1	15-Y
PS9	Near-empty sensor /1	15-Y
PS10	Paper size sensor /Rr1	16-Y
PS11	Paper size sensor /Fr1	16-Y
PS14	Tray set sensor /2	18-Y
PS15	Near-empty sensor /2	17-Y
PS16	Paper size sensor /Rr2	18-Y
PS17	Paper size sensor /Fr2	18-Y
PS20	Paper size sensor /BP2	14-Y
PS21	Paper size sensor /BP3	14-Y
PS27	Reverse sensor	25-Q
PS28	Toner bottle position sensor	26-R
PS30	Scanner home sensor	16-Q
PS31	APS timing sensor	17-Q
PS32	APS sensor	18-Q
PSB/1	Paper size board /1	16-Y
PSB/2	Paper size board /2	19-Y
SD3	Reverse solenoid	24-Q
SDB	Scanner drive board	16-N
SW3	DF open/close switch	17-Q
TSL	Transfer exposure lamp	22-Y
_	JS-502	22-Q

Field Service Ver.1.0 May. 2008





DF-613 location list

17. OVERALL WIRING DIAGRAM

Symbol	Part name	Location
DFCB	DF control board	3-D
FM3	Cooling fan	5-B
M1	Original feed motor	6-B
M2	Original conveyance motor	6-B
MOSDB	Mix Original size detection board	5-F
PS1	Original size sensor /1	6-H
PS2	Original size sensor /2	6-H
PS3	Original size sensor /3	6-H
PS4	Original size sensor /4	6-H
PS5	Original empty sensor	5-G
PS6	Original feed sensor	5-G
PS7	Cover open/close sensor	4-G
PS8	Original detection sensor	3-G
PS9	Original registration sensor	3-G
PS10	Original exit sensor	3-G
SD1	Pressure roller release solenoid	5-B
SD2	Stamp solenoid	5-B
TB	Tray board	6-F
VR1	Original size VR	6-H

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APPEND

PC-206 location list

17. OVERALL WIRING DIAGRAM

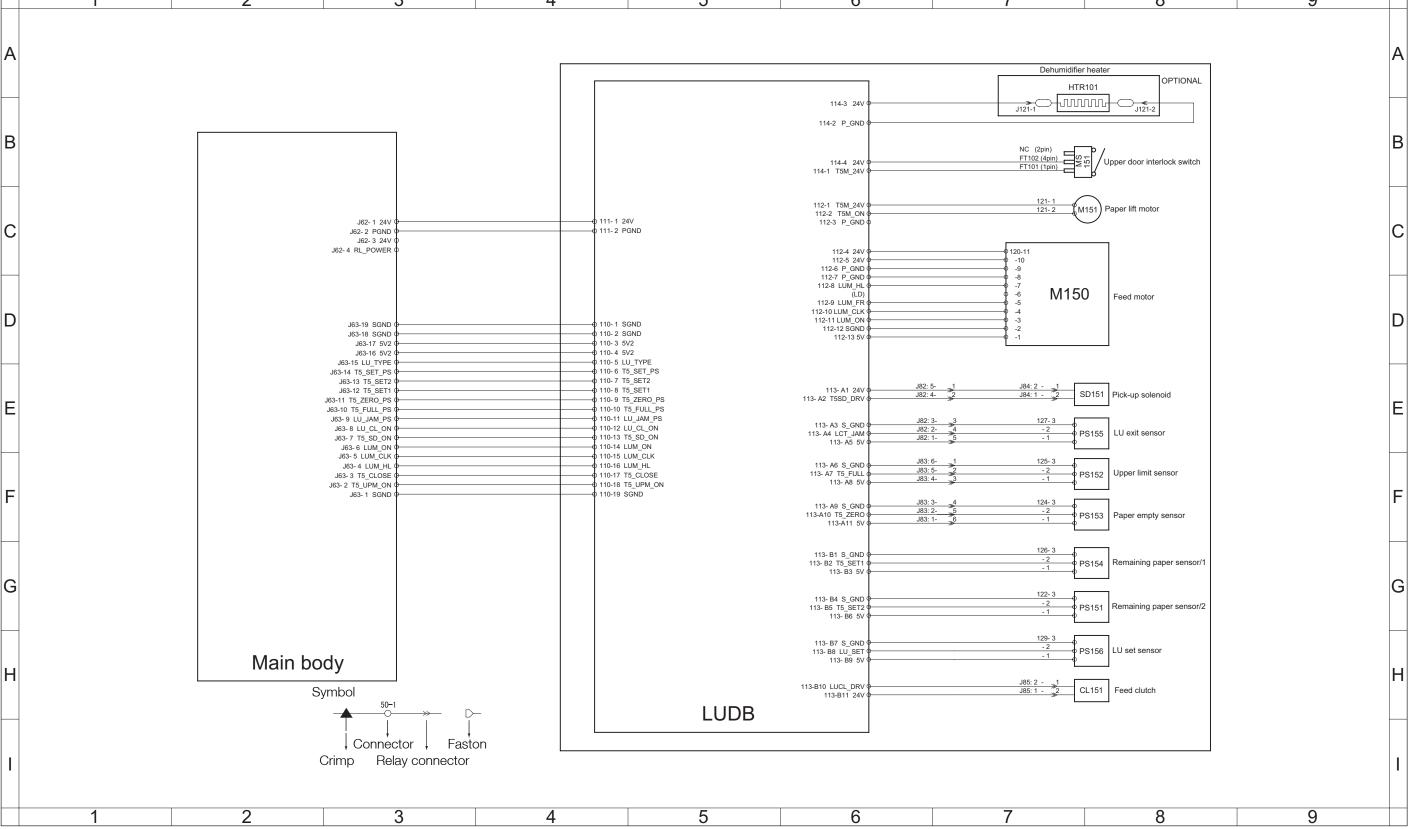
Symbol	Part name	Location
M120	Vertical conveyance motor /3	4-C
M121	Vertical conveyance motor /4	7-G
M122	Paper feed motor /3	4-C
M123	Paper feed motor /4	6-G
M124	Paper lift motor /3	5-C
M125	Paper lift motor /4	3-G
PCCB	PC control board	3-D
PS111	Right door open/close sensor	4-C
PS112	Tray set sensor/3	6-C
PS113	Near-empty sensor /3	5-C
PS114	Upper limit sensor /3	3-C
PS115	Paper empty sensor /3	3-C
PS116	Paper feed sensor /3	3-C
PS117	Vertical conveyance sensor /3	4-C
PS118	Paper size sensor /Rr3	5-C
PS119	Paper size sensor /Fr3	5-C
PS121	Tray set sensor /4	4-G
PS122	Near-empty sensor /4	4-G
PS123	Upper limit sensor /4	5-G
PS124	Paper empty sensor /4	5-G
PS125	Paper feed sensor /4	6-G
PS126	Vertical conveyance sensor /4	6-G
PS127	Paper size sensor /Rr4	5-G
PS128	Paper size sensor /Fr4	5-G
PSDB3	Paper size detect board /3	6-C
PSDB4	Paper size detect board /4	4-G

PC-407 location list

17. OVERALL WIRING DIAGRAM

Symbol	Part name	Location
M1	Paper feed motor	8-C
M2	Vertical conveyance motor	7-C
M3	Shift gate motor	6-G
M4	Shift motor	6-G
M5	Paper lift motor	5-G
MEB	Main tray empty board	4-G
PCCB	PC control board	3-A
PS1	Paper feed sensor	7-C
PS2	Vertical conveyance sensor	7-C
PS3	Paper empty sensor	7-C
PS4	Upper limit sensor	6-C
PS5	Right door open/close sensor	6-C
PS6	Tray set sensor	8-C
PS7	Lower limit over run sensor	5-G
PS8	Shft motor encoder sensor	5-G
PS9	Sub tray empty sensor	5-G
PS10	Paper lift motor encoder sensor	4-G
PS11	Shift position sensor	4-G
PS12	Shift home sensor	3-G
PS13	Lower limit sensor	3-G
PS14	Shift gate position sensor	6-G
RLB	Rely board	4-B
SD1	Tray lock solenoid	8-C
SW1	Tray release switch	3-G

17.8 LU 1 2 3 4 5 6 7 8



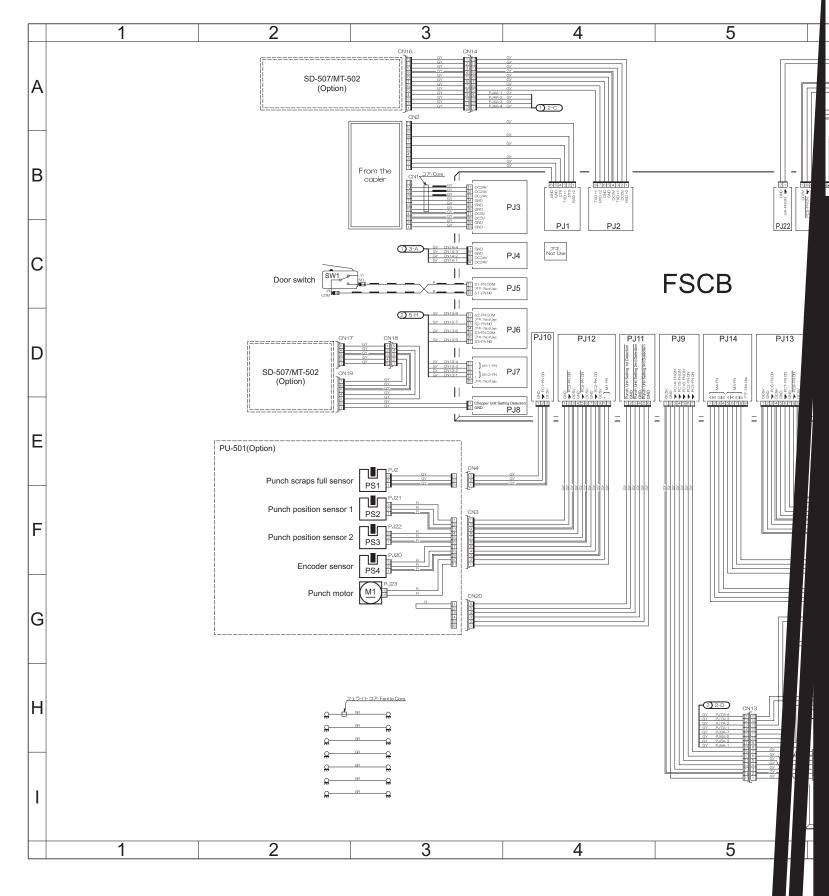
LU-203 location list

17. OVERALL WIRING DIAGRAM

Symbol	Part name	Location
CL151	Feed clutch	7-H
HTR101	Dehumidifier heater	7-A
LUDB	LU drive board	4-A
M150	Feed motor	7-C
M151	Paper lift motor	7-C
MS151	Upper door interlock switch	7-B
PS151	Remaining paper sensor /2	7-G
PS152	Upper limit sensor	7-F
PS153	Paper empty sensor	7-F
PS154	Remaining paper sensor /1	7-G
PS155	LU exit sensor	7-E
PS156	LU set sensor	7-H
SD151	Pick-up solenoid	7-E

17.9 FS

17.9.1 FS-522/PU-501



FS-522 location list

17. OVERALL WIRING DIAGRAM

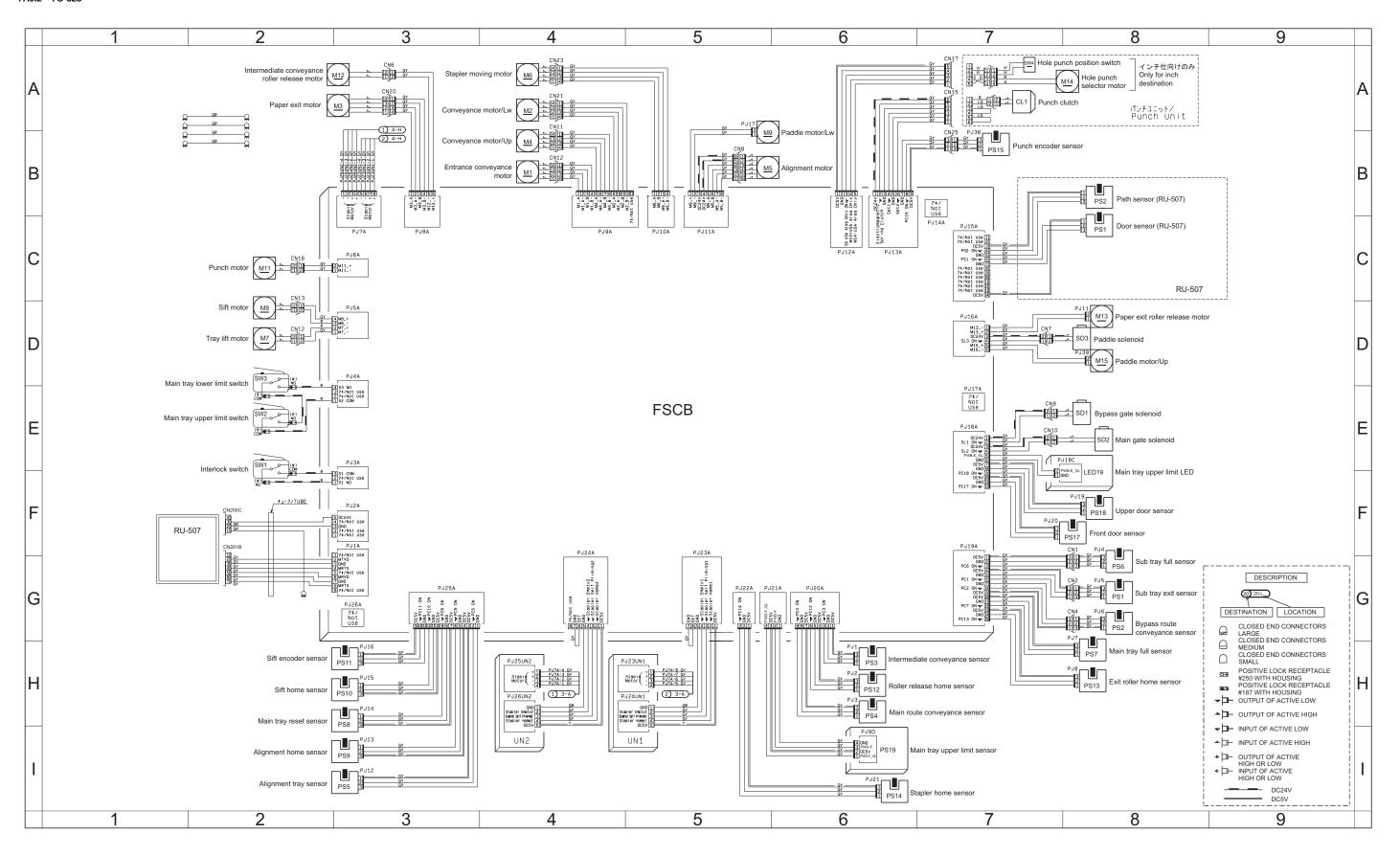
Symbol	Part name	Location
CL1	Registration clutch	7-B
FSCB	FS control board	3-B
M1	Exit motor	7-E
M2	Conveyance motor	7-C
МЗ	Entrance motor	7-C
M4	Alignment motor /Rr	7-G
M5	Alignment motor /Fr	7-F
M6	Exit roller release motor	7-B
M7	Stapler movement motor	7-E
M11	Tray lift motor	7-G
M12	Shutter motor	7-G
PS3	Tray position sensor	7-I
PS4	Entrance sensor	7-B
PS5	Conveyance sensor	7-A
PS6	Alignment sensor /Rr	7-F
PS7	Alignment sensor /Fr	7-F
PS8	Stacker sensor	7-E
PS10	Stapler home sensor	7-D
PS11	Exit paddle home sensor	7-C
PS12	Exit roller home sensor	7-A
PS14	Lower limit sensor	7-H
PS15	Upper limit sensor	7-I
PS16	Shutter home sensor	7-H
SD1	Stacker paddle solenoid	7-A
SD2	Exit paddle solenoid	7-C
SW1	Door switch	2-C
SW2	Shutter switch	7-H
SW3	Tray overrun switch	7-G
SW4	Guide plate switch	7-A
TLB	Tray lift board	5-H

PU-501 location list

Symbol	Part name	Location
M1	Punch motor	3-G
PS1	Punch scraps full sensor	3-E
PS2	Punch position sensor /1	3-F
PS3	Punch position sensor /2	3-F
PS4	Encoder sensor	3-F

bizhub 501/421/361

17.9.2 FS-523

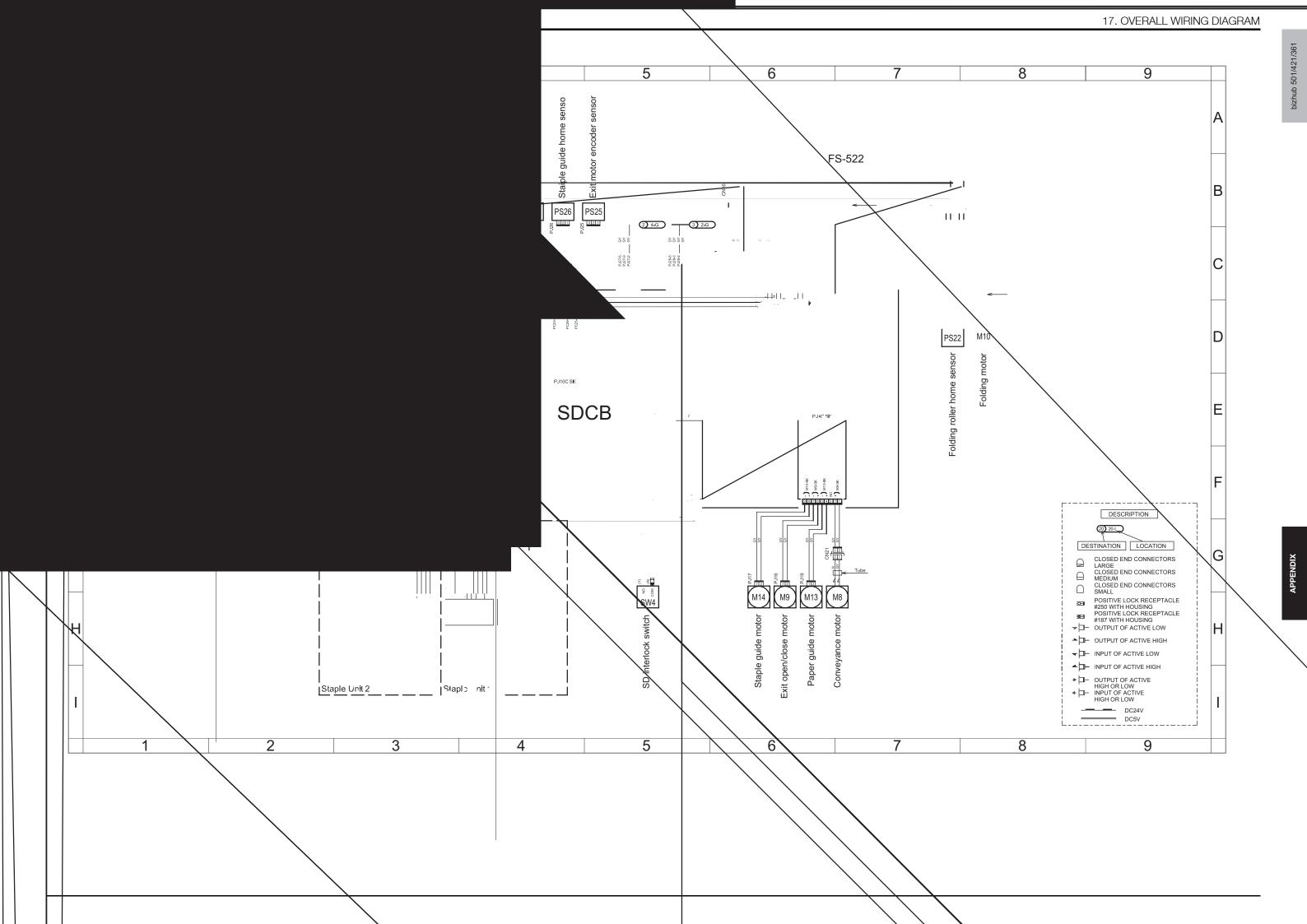


PENDIX

FS-523 location list

17. OVERALL WIRING DIAGRAM

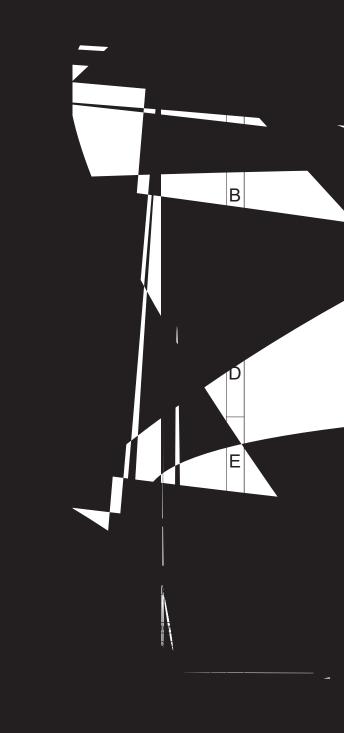
Symbol	Part name	Location
CL1	Punch clutch	7-A
FSCB	FS control board	2-B
LED19	Main tray upper limit LED	7-E
M1	Entrance conveyance motor	4-B
M2	Conveyance motor /Lw	4-A
M3	Paper exit motor	2-A
M4	Conveyance motor /Up	4-B
M5	Alignment motor	5-B
M6	Stapler moving motor	4-A
M7	Tray lift motor	2-D
M8	Shift motor	2-C
M9	Paddle motor /Lw	5-A
M11	Punch motor	2-C
M12	Intermediate conveyance roller release motor	2-A
M13	Paper exit roller release motor	8-D
M14	Hole punch selector motor (Inch area only)	7-A
M15	Paddle motor /Up	8-D
M16	Stapler motor /Rr	4-H
M17	Stapler motor /Fr	4-H
PS1	Sub tray exit sensor	8-G
PS1	Door sensor (RU-507)	8-B
PS2	Bypass route conveyance sensor	8-G
PS2	Path sensor (RU-507)	8-B
PS3	Intermediate conveyance sensor	6-H
PS4	Main route conveyance sensor	6-H
PS5	Alignment tray sensor	2-1
PS6	Sub tray full sensor	8-F
PS7	Main tray full sensor	8-G
PS8	·	2-H
PS9	Main tray reset sensor	
	Alignment home sensor	2-1
PS10	Shift home sensor	2-H
PS11	Shift encoder sensor	2-H
PS12	Roller release home sensor	6-H
PS13	Exit roller home sensor	8-H
PS14	Stapler home sensor	6-I
PS15	Punch encoder sensor	7-B
PS17	Front door sensor	7-F
PS18	Upper door sensor	8-F
PS19	Main tray upper limit sensor	6-I
PS20	Staple empty sensor /Rr	4-H
PS21	Stapler ready sensor /Rr	4-H
PS22	Stapler home sensor /Rr	4-H
PS23	Staple empty sensor /Fr	4-H
PS24	Stapler ready sensor /Fr	4-H
PS25	Stapler home sensor /Fr	4-H
SD1	Bypass gate solenoid	8-E
SD2	Main gate solenoid	8-E
SD3	Paddle solenoid	8-D
SW1	Interlock switch	2-E
SW2	Main tray upper limit switch	2-E
SW3	Main tray lower limit switch	2-D
SW4	Hole punch position switch (Inch area only)	7-A



SD-507 location list

17. OVERALL WIRING DIAGRAM

Symbol	Part name	Location
M8	Conveyance motor	6-G
M9	Exit open/close motor	6-G
M10	Folding motor	8-D
M13	Paper guide motor	6-G
M14	Staple guide motor	6-G
PS18	Saddle exit home sensor	4-B
PS20	Exit sensor	4-B
PS21	Tray empty sensor	3-B
PS22	Folding roller home sensor	7-D
PS23	Paper guide home sensor	4-B
PS25	Exit motor encoder sensor	4-B
PS26	Staiple guide home sensor	4-B
SDCB	SD control board	3-C
SW4	SD interlock switch	5-G



MT-502 location list

17. OVERALL WIRING DIAGRAM

Symbol	Part name	Location
M1	Conveyance motor	4-C
MTCB	MT control board	3-D
PS1	Paper detection sensor /1	5-C
PS2	Paper detection sensor /2	6-C
PS3	Paper detection sensor /3	5-C
PS4	Paper detection sensor /4	6-C
PS5	Paper full sensor /1	5-C
PS6	Paper full sensor /2	4-C
PS7	Paper full sensor /3	6-C
PS8	Paper full sensor /4	6-C
PS9	Conveyance sensor /Up	4-C
PS10	Conveyance sensor /Lw	5-C
PS11	Right door open/close sensor	7-C
SD1	Gate solenoid /1	6-G
SD2	Gate solenoid /2	4-G
SD3	Gate solenoid /3	3-C



SERVICE MANUAL

DF-613

Revision history

After publication of this service manual, the parts and mechanism may be subject to change for improvement of their performance.

Therefore, the descriptions given in this service manual may not coincide with the actual machine.

When any change has been made to the descriptions in the service manual, a revised version will be issued with a revision mark added as required.

Revision mark:

- To indicate clearly a section revised, \bigwedge is shown at the left margin of the revised section. The number inside \bigwedge represents the number of times the revision has been made.
- To indicate clearly a page that contains the revision, is shown near the page number of the corresponding page.

The number inside \(\begin{align*} \text{represents the number of times the revision has been made. \)

NOTE

Revision marks shown in a page are restricted only to the latest ones with the old ones deleted.

- When a page revised in Ver. 2.0 has been changed in Ver. 3.0:
 The revision marks for Ver. 3.0 only are shown with those for Ver. 2.0 deleted.
- When a page revised in Ver. 2.0 has not been changed in Ver. 3.0:
 The revision marks for Ver. 2.0 are left as they are.

2008/05	1.0	_	Issue of the first edition
Date	Service manual Ver.	Revision mark	Descriptions of revision

DF-613

CONTENTS

DF-613

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0011		
1.	PRODUCT SPECIFICATIONS	1
MAIN	ITENANCE	
2.	PERIODIC CHECK	5
2.1	Maintenance procedure	5
2.1	.1 Replacing the Pick-up Roller and Feed Roller	5
2.1	.2 Replacing the Separation Roller	6
2.1	.3 Cleaning of the Pick-up Roller, Feed Roller and Separation Roller	7
2.1	.4 Cleaning of Miscellaneous Rollers	8
2.1	.5 Cleaning of the Scanning Guide	11
2.1	.6 Cleaning of the Reflective Sensor Section	12
3.	OTHER	13
3.1	Disassembly/Adjustment prohibited items	13
3.2	Disassembling and assembling list	14
3.3	Disassembling and assembling procedure	14
3.3	.1 Cover /Fr, Cover /Rr and Original Feed Tray Cover /Lw	14
3.3	.2 DF Control Board (DFCB)	15
3.3	.3 Original Size VR (VR1)	15
3.3	.4 Complete Stamp Unit 2	17
3.3	.5 Replacing the Replace Stamp 2	18
3.3	.6 DF	19
ADJL	JSTMENT/SETTING	
4.	MECHANICAL ADJUSTMENT	21
4.1	Leading Edge Skew Adjustment	21
4.2	Height adjustment	23

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OUTLINE

PRODUCT SPECIFICATIONS

A. Type

Name	Reverse Automatic Document Feeder			
	Paper Feed	Paper Feed from top of stack		
Туре	Turnover	Switch back system		
	Paper Exit	Straight exit system		
Installation	Screw cramp to the main	Screw cramp to the main unit		
Document Alignment	Center			
Document Loading	Left image side up			

B. Functions

Modes	1-Sided Mode / 2-Sided Mode
-------	-----------------------------

C. Paper type

Type of Document	Standard Mode Plain Paper	1-Sided Mode 35 to 128 g/m² (9.25 to 34 lbs)		
		2-Sided Mode 50 to 128 g/m² (13.25 to 34 lbs)		
	Mixed Original Detection Mode Plain Paper	1-Sided / 2-Sided Mode 50 to 128 g/m² (13.25 to 34 lbs)		
	FAX Mode Plain Paper	1-Sided Mode 35 to 128 g/m² (9.25 to 34 lbs)		
		2-Sided Mode 50 to 128 g/m² (13.25 to 34 lbs)		
Detectable Document Size*1	Inch area A3, A4S, A4, B4, B5S, B5 11 x 17, 8½ x 14, 8½ x 11S, 8½ x 11, 8½ x 5½S, 8½ x 5½ Metric area A3, A4S, A4, A5S, A5, B4, B5S, B5, B6S 11 x 17, 8½ x 11S, 8½ x 11			
Capacity	80 sheets (80 g/m² and load height of 11 mm or less)			

^{*1:} For the Combined Original Detection Mode, Refer to the Mixed Original Detection Enabled Size Combination Table.

D. Paper feed prohibited originals

• If fed, trouble occurrence will be highly possible.

Type of Original	Possible Trouble
Original that is stapled or clipped.	Feed failure, damage to the original, or drive failure due to clip clogging
Book original	Feed failure, damage to the original, or drive failure
Original weighing less than 35g/m ² or 128g/m ² or more	Feed failure
Torn original	Feed failure, damaged sheet
Highly curled original (15 mm or more)	Original misfeed due to dog-ear or skew
OHP transparencies	Feed failure
Label Sheet	Feed failure
Offset master	Feed failure
Sheets clipped or notched	Damaged sheet
Sheets patched	Patched part folded or torn sheet

E. Paper feed not guaranteed originals

• If fed, paper feed will be possible to some extent but trouble occurrence will be possible.

Type of Original	Possible Trouble
Sheets lightly curled (Curled amount: 10 - 15 mm)	Dog-eared, exit failure
Heat Sensitive Paper	Edge folded, exit failure, conveyance failure
Coated Paper (Ink Jet Paper)	Take-up failure, conveyance failure
Translucent paper	Take-up failure, conveyance failure
Paper immediately after paper exit from the main unit	Take-up failure, conveyance failure
Paper with many punched holes (e.g., loose leaf) limited to vertical feeding	Multi-page feed due to flashes from holes
Sheets with 2 to 4 holes	Conveyance failure
Sheets two-folded or Z-folded (amount of non-flatness: 15 mm or less)	Take-up failure, conveyance failure, image deformation
Sheets folded	Image deformation, multi-page feed, take-up failure

F. Mixed original feed chart

For Metric

		Reference original (original with a maximum width)							
		A3	A4	B4S	B5	A4S	A5	B5S	A5
Other	A3	Δ	0	_	_	_	_	_	_
originals	A4	0	Δ	_	_	_	_	_	_
	B4S	•	•	Δ	0	_	_	_	_
	B5	•	•	0	Δ	_	_	_	_
	A4S	•	•	•	•	Δ	0	_	_
	A5	•	•	•	•	0	Δ	_	_
	B5S	Х	Х	•	•	•	•	Δ	_
	A5S	Х	Х	Х	Х	Х	Х	Х	Δ

^{△:} Same size O: Same group O: Different group X: Mix prohibited —: No need to set

For Inch

		Reference original (original with a maximum width)					
		11 x 17	81/2 x 11	8½ x 14	81/2 x 11S	51/2 x 81/2	51/2 x 81/2 S
Other	11 x 17	Δ	0	_	_	_	_
originals	81/2 x 11	0	Δ	_	_	_	_
	8½ x 14	•	•	Δ	0	0	_
	81/2 x 11S	•	•	0	Δ	0	_
	51/2 x 81/2	•	•	0	0	Δ	_
	51/2 x 81/2S	Х	Х	Х	Х	Х	Δ

^{△:} Same size O: Same group O: Different group X: Mix prohibited —: No need to set

G. Maintenance

Maintenance	Same as the main body.

H. Machine data

Power Requirements	24V DC ± 10% (supplied from the main body)
Max. Power Consumption	48 W or less
Dimensions	582 (W) x 558 (D) x 145 mm (H)
Weight	Approx. 10 kg

I. Operating environment

Temperature	10 to 30°C
Humidity	10 to 80% RH (with no condensation)

NOTE

• These specifications are subject to change without notice.

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■ MAINTENANCE

2. PERIODIC CHECK

2.1 Maintenance procedure

NOTE

 The alcohol described in the cleaning procedure of Maintenance represents the isopropyl alcohol.

2.1.1 Replacing the Pick-up Roller and Feed Roller

A. Periodically replaced part/cycle

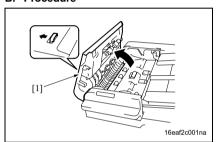
• Pick-up Roller : Every 500,000 prints (Actual replacement cycle: Every 200,000 faces)*1

: Every 450,000 prints (Actual replacement cycle: Every 200,000 faces)*2

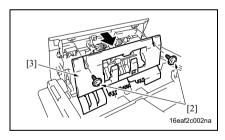
*1 501/421

*2 361

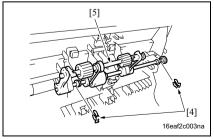
B. Procedure



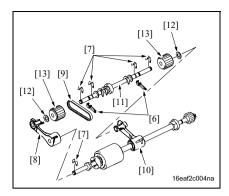
1. Open the Open/Close Cover [1].

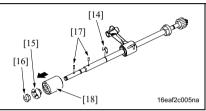


2. Remove two screws [2], and remove the cover [3].



3. Remove two C-clips [4], and remove the Pick-up Roller Assy [5].





- 4. Remove two levers [6].
- 5. Remove five C-rings [7].
- 6. Remove the arm /Fr [8].
- 7. Remove the belt [9].
- 8. Remove the Pick-up Roller Shaft [11] from the Arm /Rr [10].
- Remove the 2 Spacers [12] from the Pick-up Roller Shaft.
- 10. Remove two Pick-up Rollers [13].

NOTE

- Be sure to take note of the direction of the pick-up roller when installing it.
- 11. Remove the C-ring [14].
- 12. Remove two pins [17].
- 13. Remove the gear [15] and the bearing [16]
- 14. Remove the Feed Roller [18].

NOTE

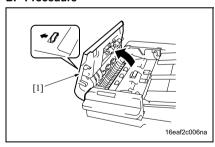
- · Use care not to lose the pin.
- 15. Reinstall the above parts following the removal steps in reverse.

2.1.2 Replacing the Separation Roller

A. Periodically replaced part/cycle

- Separation Roller: Every 500,000 prints (Actual replacement cycle: Every 200,000 faces)*1
 : Every 450,000 prints (Actual replacement cycle: Every 200,000 faces)*2
- *1 501/421
- *2 361

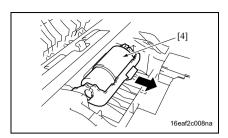
B. Procedure



1. Open the Open/Close Cover [1].

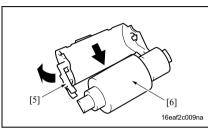
- [2] [3] [2] 16eaf2c007na
- 2. Hold the [2] sections in the figure, and remove the cover [3].

DF-613



3. Remove the Separation Roller Assy [4]. **NOTE**

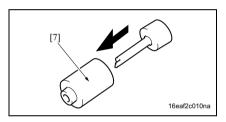
 Use care not to lose the spring at the bottom side of the Separation Roller Assy.



4. While opening up the holder [5], remove the Separation Roller Shaft [6].

NOTE

 Opening the holder too much can break the holder.



- 5. Remove the Separation Roller [7] from the Separation Roller Shaft.
- 6. Reinstall the above parts following the removal steps in reverse.

2.1.3 Cleaning of the Pick-up Roller, Feed Roller and Separation Roller

A. Periodic cleaning parts/cycle

Pick-up Roller : Every 250,000 prints (Actual replacement cycle: Every 50,000 faces)*1

: Every 225,000 prints (Actual replacement cycle: Every 50,000 faces)*2

• Feed Roller : Every 250,000 prints (Actual replacement cycle: Every 50,000 faces)*1

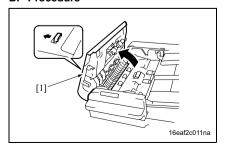
: Every 225,000 prints (Actual replacement cycle: Every 50,000 faces)*2

Separation Roller: Every 250,000 prints (Actual replacement cycle: Every 50,000 faces)*1

: Every 225,000 prints (Actual replacement cycle: Every 50,000 faces)*2

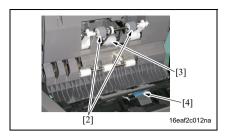
*1 501/421 *2 361

B. Procedure



1. Open the Open/Close Cover [1].

DF-613



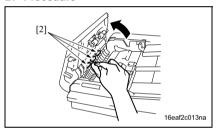
 Using a soft cloth dampened with alcohol, wipe the Pick-up Roller [2], Feed Roller [3] and Separation Roller [4].

2.1.4 Cleaning of Miscellaneous Rollers

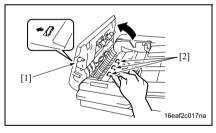
A. Periodic cleaning parts/cycle

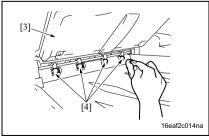
- Miscellaneous Rollers: Every 250,000 prints (Actual replacement cycle: Every 50,000 faces)*1
 Every 225,000 prints (Actual replacement cycle: Every 50,000 faces)*2
- *1 501/421
- *2 361

B. Procedure

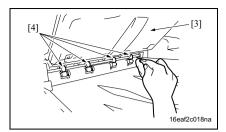


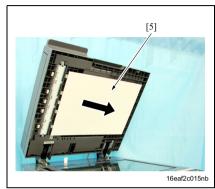
- 1. Open the Open/Close Cover [1].
- Using a soft cloth dampened with alcohol, wipe the roller [2].

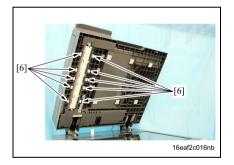




- 3. Lift up the Original Feed Tray [3].
- Using a soft cloth dampened with alcohol, wipe the roller [4].

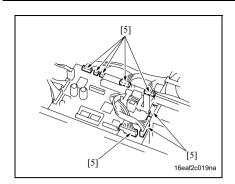




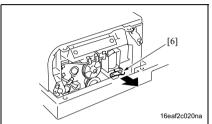


- 5. Open the DF.
- 6. Remove the Platen Guide [5].

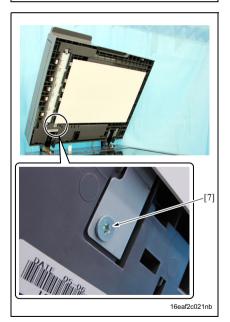
7. Using a soft cloth dampened with alcohol, wipe the roller [6].



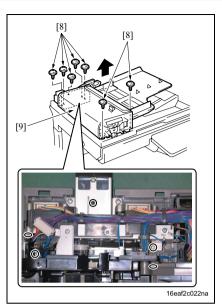
- 8. Remove the Cover /Fr and Cover /Rr. (See P.14)
- Disconnect eight connectors [5] on the DF Control Board (DFCB).



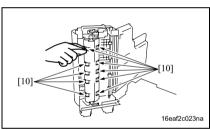
10. Remove the lever [6].



11. Remove the screw [7].



12. Remove seven screws [8], and remove the Paper Feed Unit [9].



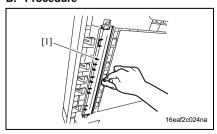
- 13. Using a soft cloth dampened with alcohol, wipe the roller [10].
- 14. Reinstall the above parts following the removal steps in reverse.

2.1.5 Cleaning of the Scanning Guide

A. Periodic cleaning part/cycle

- Scanning Guide : Every 250,000 prints (Actual replacement cycle: Every 50,000 faces)*1
 - : Every 225,000 prints (Actual replacement cycle: Every 50,000 faces)*2
- *1 501/421
- *2 361

B. Procedure



- 1. Open the DF.
- 2. Using a soft cloth dampened with alcohol, wipe the Scanning Guide [1].

DF-613

2.1.6 Cleaning of the Reflective Sensor Section

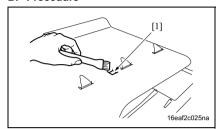
A. Periodic cleaning part/cycle

• Reflective Sensor : Every 250,000 prints (Actual replacement cycle: Every 50,000 faces)*1

: Every 225,000 prints (Actual replacement cycle: Every 50,000 faces)*2

*1 501/421 *2 361

B. Procedure



Clean the Original Size Sensor /2 (PS2)
 using a brush or other similar tools.

3. OTHER

3.1 Disassembly/Adjustment prohibited items

- A. Screws to which blue paint or green paint is applied
- Blue paint or green paint is applied to some screws to prevent them from coming loose.
- As a general rule, screws to which blue paint or green paint is applied should not be removed or loosened.

B. Red-painted screws

 Do not remove or loosen any of the red-painted screws in the field. It should also be noted that, when two or more screws are used for a single part, only one representative screw may be marked with the red paint.

C. Variable Resistors on Board

NOTE

 Do not turn the variable resistors on boards for which no adjusting instructions are given in ADJUSTMENT/SETTING.

D. Removal of Boards



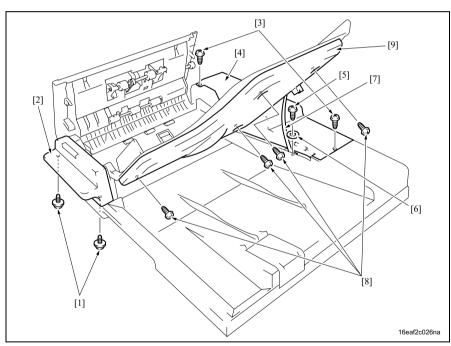
- When removing a circuit board or other electrical component, refer to "SAFETY AND IMPORTANT WARNING ITEMS" and follow the corresponding removal procedures.
- The removal procedures given in the following omit the removal of connectors and screws securing the circuit board support or circuit board.
- When it is absolutely necessary to touch the ICs and other electrical components on the board, be sure to ground your body.

3.2 Disassembling and assembling list

No.	Section	Part name	Ref.Page	
1		Cover /Fr	P.14	
2	Cover	over Cover /Rr		
3		Original Feed Tray Cover /Lw	P.14	
4	Board and etc.	DF Control Board (DFCB)	P.15	
5	Board and etc.	Original Size VR (VR1)	P.15	
6	Others	Complete Stamp Unit 2	P.17	
7	Others	Replace Stamp 2	P.18	
8	DF	DF main body	P.19	

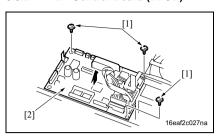
3.3 Disassembling and assembling procedure

3.3.1 Cover /Fr, Cover /Rr and Original Feed Tray Cover /Lw



- 1. Remove two screws [1], and remove the Cover /Fr [2].
- Remove the 2 Screws [3] and raise the Original Feed Tray. Open DF to release the Lock Claws (at 2 places) and then remove the Cover /Rr [4].
- 3. Remove the screw [5] and the washer [6], and remove the stopper [7].
- 4. Lift up the Original Feed Tray.
- 5. Remove four screws [8], and remove the Original Feed Tray Cover /Lw [9].
- 6. Reinstall the above parts following the removal steps in reverse.

3.3.2 DF Control Board (DFCB)

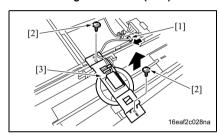


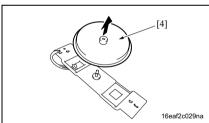
- Turn OFF the Main Power Switch (SW1).
- 2. Remove the Cover /Rr. (See P.14)
- Disconnect all the connectors on the DF Control Board (DFCB).
- 4. Remove three screws [1], and then remove the DFCB [2].
- 5. Reinstall the above parts following the removal steps in reverse.

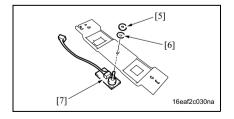
NOTE

When DFCB is replaced, be sure to conduct the back-up data initialization, the original width detection adjustment and the rewrite of the firmware.

3.3.3 Original Size VR (VR1)



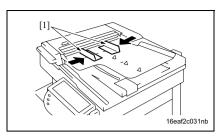


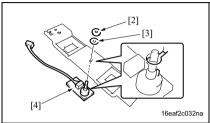


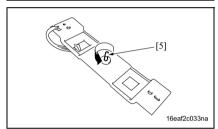
A. Removal Procedure

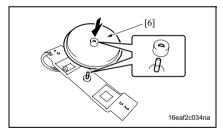
- Turn OFF the Main Power Switch (SW1).
- Remove the Original Feed Tray Cover /Lw.
 - (See P.14)
- 3. Disconnect the connector [1].
- 4. Remove two screws [2] and the mounting plate [3].
- 5. Remove the gear [4].

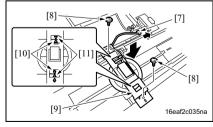
 Remove the nut [5] and the washer [6], and remove the Original Size VR (VR1) [7]. DF-613











B. Reinstallation Procedure

 Close the Side Edge Stop [1] of the Original Feed Tray.

NOTE

 Be sure to perform document width detection adjustment after replacing the Original Size VR (VR1).

(See P.230 "10.8 ADF" in Field Service bizhub 501/421/361 main body.)

2. Use the nut [2] and the washer [3] to install the VR1 [4].

NOTE

- Align the protrusion of the VR1 and the cutout of the mounting plate.
- Turn the protrusion of the VR1 [5] counterclockwise until it stops.

4. Reinstall the gear [6].

NOTE

 Note the mounting position of the gear and the VR1.

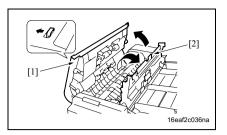
- 5. Connect the connector [7].
- 6. Use two screws [8] to install the VR1 [9]. NOTE
- Install the gear and rack gear by aligning the arrows [10] and [11].

7. Install the Original Feed Tray Cover /Lw and turn ON the Main Power Switch (SW1).

NOTE

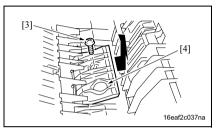
 When VR1 is replaced, be sure to conduct the back-up data initialization and the original width detection adjustment.

3.3.4 Complete Stamp Unit 2



3. Remove the screw [3] and the cover [4].

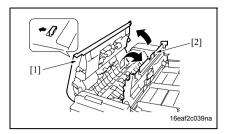
Open the Open/Close Cover [1].
 Open the Processing Guide [2].

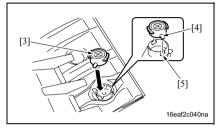


- [6] [7] 16eaf2c038na
- Remove the screw [5] and disconnect the connector [6], and remove the Complete Stamp Unit 2 [7].
- 5. Reinstall the above parts following the removal steps in reverse.

DF-613

3.3.5 Replacing the Replace Stamp 2

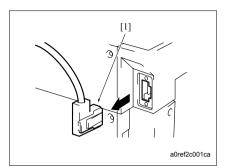




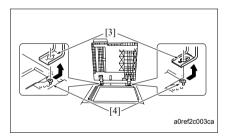
- 1. Open the Open/Close Cover [1].
- 2. Open the Processing Guide [2].

- 3. Remove the stamp.
- 4. Reinstall the new Replace Stamp 2 [3]. **NOTE**
- Align the protrusion [4] of the stamp to the crevice [5] of the holder.
- 5. Close the Processing Guide.
- 6. Close the Open/Close Cover.

3.3.6 DF



[2] a0ref2c002ca



1. Disconnect the connector [1].

- 2. Open the DF.
- 3. Remove two screws [2].

- Slide allover the DF, and release the two holes [3] from two stepped screws [4], and then remove the DF.
- 5. Reinstall the above parts following the removal steps in reverse.

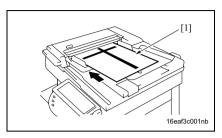
DF-613

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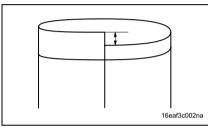
ADJUSTMENT/SETTING

4. MECHANICAL ADJUSTMENT

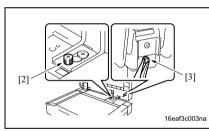
4.1 Leading Edge Skew Adjustment



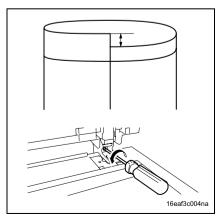
 Load the test chart [1] in the DF and make one 1-sided copy five consecutive times.



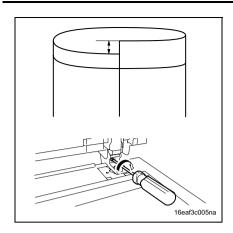
- Fold each of the sample copies as illustrated and check for any deviation.
 Specifications: 0 ± 3.0 mm
- If the deviation does not fall within the specified range, perform the following adjustment procedure.



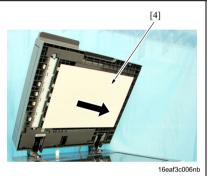
- 4. Open the DF.
- Loosen the decorative screw [2] and the nut [3] in the back to the right.



If there is a deviation as shown on the figure, turn the screw counterclockwise to adjust it. DF-613



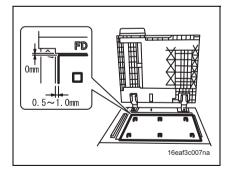
- If there is a deviation as shown on the figure, turn the screw clockwise to adjust it.
- After the adjustment procedure has been completed, tighten the decorative screw and the nut which has been loosened in step 5.



Remove the Platen Guide[4] from the DF.

NOTE

 When removing the Platen Guide, pull apart the hook and loop fastener one by one. Pulling them all at once may damage the sponge.



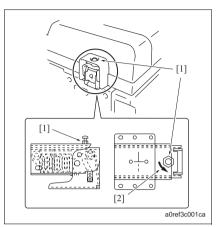
- 10. With the rear edge of the Platen Guide pressed up against the Original Length Scale, place it on the Original Glass so that its left edge is 0.5 to 1.0 mm away from the Original Width Scale.
- 11. Gently lower the DF.

NOTE

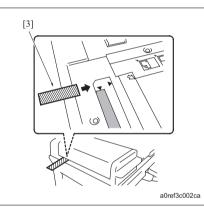
- When lowering the DF, use utmost care to prevent the Platen Guide from deviating from its correct position.
- 12. Gently raise the DF and press the Platen Guide up against the DF by hand so that it is affixed in position.

4.2 Height Adjustment

Conduct this adjustment when removing the DF



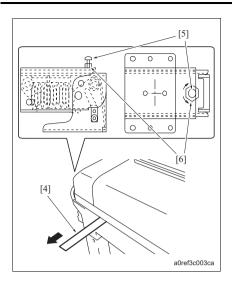
1. Loosen the far left side nut [1] in the arrow-marked direction[2].



Create the strip of paper [3] made by copy paper, set it on the original glass,and then close the DF gently.

NOTE

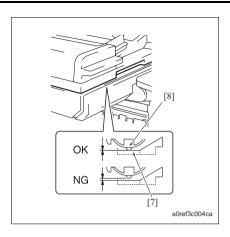
 Creation points of the strip of paper. size (20 x 210 mm) weight (60 to 80 g/m²) DF-613



 Rotate the far left side adjustment screw [5] to adjust, as you can get a feeling of secure contact when you pull out the strip of paper [4].

NOTE

- When the load is heavy, rotate the screw clockwise. When the load is light, rotate the screw counter clockwise.
- 4. After the height adjustment, fasten the nut [6] securely.



 Check the gap between the original glass face [7] and the projection of DF [8].

NOTE

- Check that there are no gaps between the projection of DF and the original glass face.
- When there are gaps, loosen the far right side nut and then rotate adjustment screw clockwise to adjust.
- After the adjustment, fasten the far right side nut securely.

DF-613

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SERVICE MANUAL

PC-206 (bizhub 501/421/361)

Revision history

After publication of this service manual, the parts and mechanism may be subject to change for improvement of their performance.

Therefore, the descriptions given in this service manual may not coincide with the actual machine.

When any change has been made to the descriptions in the service manual, a revised version will be issued with a revision mark added as required.

Revision mark:

- To indicate clearly a section revised, \bigwedge is shown at the left margin of the revised section. The number inside \bigwedge represents the number of times the revision has been made.
- To indicate clearly a page that contains the revision, **\(\)** is shown near the page number of the corresponding page.

The number inside **\(\Lambda \)** represents the number of times the revision has been made.

NOTE

Revision marks shown in a page are restricted only to the latest ones with the old ones deleted.

- When a page revised in Ver. 2.0 has been changed in Ver. 3.0:
 The revision marks for Ver. 3.0 only are shown with those for Ver. 2.0 deleted.
- When a page revised in Ver. 2.0 has not been changed in Ver. 3.0:
 The revision marks for Ver. 2.0 are left as they are.

2008/05	1.0	_	Issue of the first edition
Date	Service manual Ver.	Revision mark	Descriptions of revision

PC-206

CONTENTS

PC-206

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OUI	LIIVI	=	
1.	PRO	DUCT SPECIFICATIONS	1
MAII	NTE	NANCE	
2.	PERI	ODIC CHECK	3
2.1	Mai	ntenance procedure	3
2.	1.1	Replacing the Separation Roller Assy	3
2.	1.2	Replacing the Feed Roller	4
2.	1.3	Replacing the Pick-up Roller	7
3.	ОТН	ER	9
3.1	Disa	assembly/Adjustment prohibited items	9
3.2	Disa	assembling, assembling and cleaning list	10
3.2	2.1	Disassembling and assembling list	10
3.2	2.2	Cleaning list	10
3.3	Disa	assembling and assembling procedure	11
3.3	3.1	Right Door/Rear Right Cover/Lower Right Cover/Front Right Cover	11
3.3	3.2	Rear Cover	11
3.4	Cle	aning procedure	12
3.4	4.1	Separation Roller	12
3.4	4.2	Feed Roller	13
3.4	4.3	Pick-up Roller	13
3.4	4.4	Vertical Conveyance Roller	14
ADJI	JST	MENT/SETTING	
4.	MEC	HANICAL ADJUSTMENT	15
4.1	Mis	-centering adjustment of the Trays 3 and 4	15

PC-206

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OUTLINE

1. PRODUCT SPECIFICATIONS

A. Type

Name	2 way Paper Take-Up Cabinet	
Туре	Front loading type 2 way paper take-up device	
Installation	Desk type	
Document Alignment	Center	

B. Paper type

Paper Type	Same as the main body.		
Paper Size	Metric: A3, B4, A4, A4S, B5, A5S, 11 \times 17, $8\frac{1}{6}$ \times 11, $8\frac{1}{6}$ \times 11S, Foolscap, 8K *1, 16K *1 Inch: 11 \times 17, $8\frac{1}{6}$ \times 14, $8\frac{1}{6}$ \times 11, $8\frac{1}{6}$ \times 11S, $5\frac{1}{6}$ \times 8 $\frac{1}{6}$ S, A3, A4, A4S, Foolscap		
Capacity	Tray 3	500 sheets (80 g/m²)	
σαρασιιγ	Tray 4	500 sheets (80 g/m²)	

^{*1:} Only supported in Taiwan.

C. Maintenance

Maintenance

D. Machine specifications

Power Requirements	24V DC \pm 10 %, 5V DC \pm 5 % (supplied from the main body)
Power Consumption	15 W or less
Dimensions	570 mm (W) × 577 mm (D) × 300 mm (H)
Weight	Approx. 26.0 kg

E. Operating environment

Temperature	Same as the main body.
Humidity	Same as the main body.

NOTE

• The information herein may be subject to change for improvement without notice.

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■ MAINTENANCE

2. PERIODIC CHECK

2.1 Maintenance procedure

2.1.1 Replacing the Separation Roller Assy

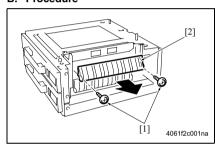
A. Periodically replaced part/cycle

- Separation Roller Assy: Every 750,000 prints (Actual replacement cycle: Every 300,000 prints) *1
 : Every 675,000 prints (Actual replacement cycle: Every 300,000 prints) *2
- *1 501/421
- *2 361

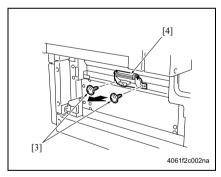
NOTE

· Replace the Separation Roller Assy, Feed Roller and Pick-up Roller at the same time.

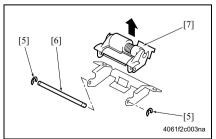
B. Procedure



- Remove the Right Door. (See P.11)
- 2. Remove two screws [1] and remove the Jam Access Cover [2].



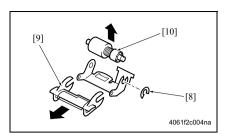
 Remove two screws [3] and remove the Separation Roller Mounting Plate Assy [4].

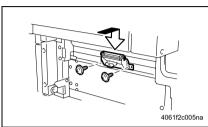


 Remove two C-rings [5] and the shaft [6], and remove the Separation Roller Fixing Plate Assy [7].

NOTE

Be careful not to lose spring at this time.





- Remove the C-ring [8], the Guide [9], and remove the Separation Roller Assy [10].
- 6. Repeat steps 1 to 5 similarly for the Tray

7. Reinstall the above parts following the removal steps in reverse.

NOTE

 When installing the Separation Roller Mounting Plate Assy, be sure to fix the holder with screws while holding it down.

2.1.2 Replacing the Feed Roller

A. Periodically replaced part/cycle

•Feed Roller : Every 750,000 prints (Actual replacement cycle: Every 300,000 prints) *1

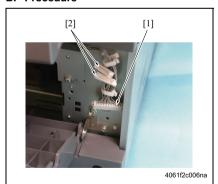
: Every 675,000 prints (Actual replacement cycle: Every 300,000 prints) *2

*1 501/421 *2 361

NOTE

• Replace the Separation Roller Assy, Feed Roller and Pick-up Roller at the same time.

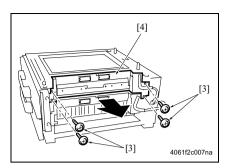
B. Procedure



- Remove the Rear Right Cover. (Remove the Right Lower Cover for Tray 4.) (See P.11)
- 2. Remove the Tray.
- Remove the Separation Roller Mounting Plate Assy. (See P.3)
- Disconnect the connector [1] (Tray 3), two connectors [2] (Tray 4) and remove the harness from two wire saddles.

NOTE

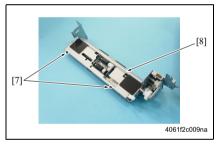
 Be careful not to confuse the connector of the Tray 3 with the connectors of the Tray 4.



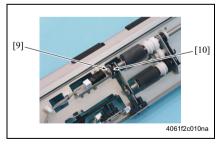
5. Remove four screws [3] and remove the Paper Feed Unit [4].



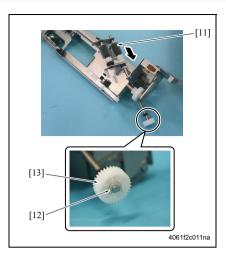
 Remove two screws [5] and remove the Mounting Frame [6] for the Separation Roller Mounting Plate Assy.



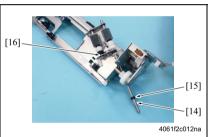
7. Remove two screws [7] and remove the Feed Roller Cover [8].



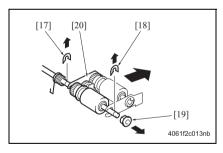
8. Remove the C-ring [9] and remove the bearing [10].



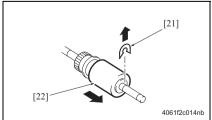
 Shift the Shaft Assy [11] in the orientation as shown on the left, and remove the C-ring [12] and the gear [13].



10. Remove the C-ring [14], the bearing [15], and remove the shaft Assy [16].



 Remove C-ring [17], E-ring [18] and the bearing [19], and remove the Pick-up Roller Fixing Plate Assy [20].



- 12. Remove the C-ring [21] and remove the Feed Roller [22].
- 13. Repeat steps 1 to 12 similarly for the Tray 4.
- 14. Reinstall the above parts following the removal steps in reverse.

2.1.3 Replacing the Pick-up Roller

A. Periodically replaced part/cycle

• Pick-up Roller : Every 750,000 prints (Actual replacement cycle: Every 300,000 prints) *1

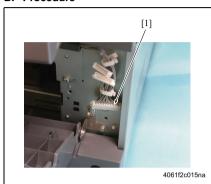
: Every 675,000 prints (Actual replacement cycle: Every 300,000 prints) *2

*1 501/421 *2 361

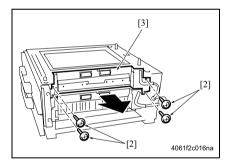
NOTE

· Replace the Separation Roller Assy, Feed Roller and Pick-up Roller at the same time.

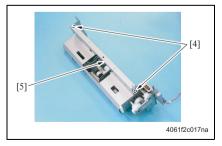
B. Procedure



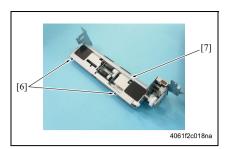
- Remove the Rear Right Cover. (Remove the Right Lower Cover for Tray 4.) (See P.11)
- 2. Remove the Tray.
- Remove the Separation Roller Mounting Plate Assy. (See P.3)
- Disconnect the connector [1] and remove the harness from two wire saddles.



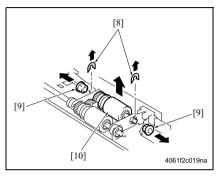
5. Remove four screws [2] and remove the Paper Feed Unit [3].



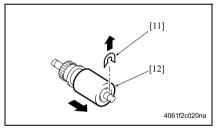
 Remove two screws [4] and remove the Separation Roller Mounting Plate Assy [5] together with frame.



7. Remove two screws [6] and remove the Feed Roller Cover [7].



 Remove two C-rings [8], two bearings [9], and remove the Pick-up Roller Assy [10].



- 9. Remove the C-ring [11] and remove the Pick-up Roller [12].
- 10. Repeat steps 1 to 9 similarly for the tray 4.
- 11. Reinstall the above parts following the removal steps in reverse.

3. OTHER

3.1 Disassembly/Adjustment prohibited items

- A. Screws to which blue paint or green paint is applied
- Blue paint or green paint is applied to some screws to prevent them from coming loose.
- As a general rule, screws to which blue paint or green paint is applied should not be removed or loosened.

B. Red-painted screws

 Do not remove or loosen any of the red-painted screws in the field. It should also be noted that, when two or more screws are used for a single part, only one representative screw may be marked with the red paint.

C. Variable Resistors on Board

NOTE

 Do not turn the variable resistors on boards for which no adjusting instructions are given in ADJUSTMENT/SETTING.

D. Removal of Boards

⚠ CAUTION

- When removing a circuit board or other electrical component, refer to "SAFETY AND IMPORTANT WARNING ITEMS" and follow the corresponding removal procedures.
- The removal procedures given in the following omit the removal of connectors and screws securing the circuit board support or circuit board.
- When it is absolutely necessary to touch the ICs and other electrical components on the board, be sure to ground your body.

3.2 Disassembling, assembling and cleaning list

3.2.1 Disassembling and assembling list

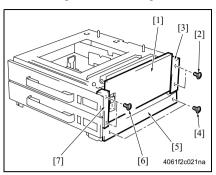
No	Section	Part name	Ref. page
1		Right Door	See P.11
2		Rear Right Cover	See P.11
3	Covers	Lower Right Cover	See P.11
4		Front Right Cover	See P.11
5		Rear Cover	See P.11

3.2.2 Cleaning list

No	Section	Part name	Ref. page
1	Paper feed section	Separation Roller	See P.12
2		Feed Roller	See P.13
3		Pick-up Roller	See P.13
4		Vertical Conveyance Roller	See P.14

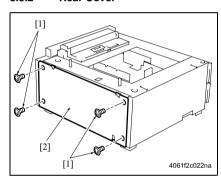
3.3 Disassembling and assembling procedure

3.3.1 Right Door/Rear Right Cover/Lower Right Cover/Front Right Cover



- 1. Open the Right Door [1].
- 2. Remove the Right Door [1].
- 3. Remove two screws [2] and remove the Rear Right Cover [3].
- 4. Remove two screws [4] and remove the Lower Right Cover [5].
- 5. Remove two screws [6] and remove the Front Right Cover [7].
- 6. Reinstall the above parts following the removal steps in reverse.

3.3.2 Rear Cover



- 1. Remove four screws [1] and remove the Rear Cover [2].
- 2. Reinstall the above parts following the removal steps in reverse.

PC-206

3.4 Cleaning procedure

NOTE

• The alcohol described in the cleaning procedure represents the isopropyl alcohol.

3.4.1 Separation Roller

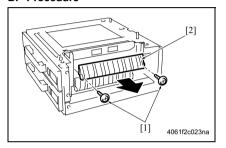
A. Periodically cleaning cycle

Separation Roller: Every 250,000 prints *1
 Every 225,000 prints *2

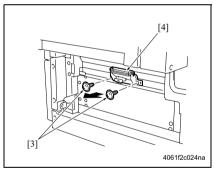
. _ . . . , _ _

*1 501/421 *2 361

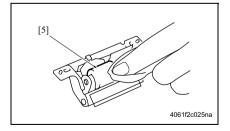
B. Procedure



- Remove the Right Door. (See P.11)
- 2. Remove two screws [1] and remove the Jam Access Cover [2].



 Remove two screws [3] and remove the Paper Separation Roller Mounting Plate Assy [4].



- 4. Using a soft cloth dampened with alcohol, wipe the Separation Roller [5].
- Repeat steps 1 to 4 similarly for the Tray
- 6. Reinstall the above parts following the removal steps in reverse.

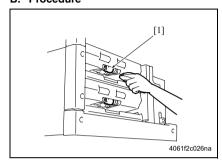
3.4.2 Feed Roller

A. Periodically cleaning cycle

Feed Roller : Every 250,000 prints *1
: Every 225,000 prints *2

*1 501/421 *2 361

B. Procedure



3.4.3 Pick-up Roller

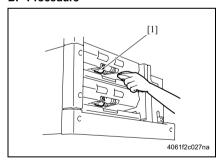
A. Periodically cleaning cycle

• Pick-up Roller: Every 250,000 prints *1

: Every 225,000 prints *2

*1 501/421 *2 361

B. Procedure



- 1. Remove the Tray 3.
- Remove the Separation Roller Mounting Plate Assy.

 (Can Role)

(See P.12)

- Using a soft cloth dampened with alcohol, wipe the Feed Roller [1] clean of dirt.
- Repeat steps 1 to 3 similarly for the Tray
- 5. Reinstall the above parts following the removal steps in reverse.

- 1. Remove the Tray 3.
- Remove the Separation Roller Mounting Plate Assy. (See P.12)
- 3. Using a soft cloth dampened with alcohol, wipe the Pick-up Roller [1].
- Repeat steps 1 to 3 similarly for the Tray
- 5. Reinstall the above parts following the removal steps in reverse.

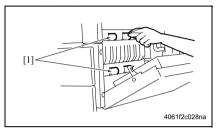
Vertical Conveyance Roller 3.4.4

A. Periodically cleaning cycle
Vertical Conveyance Roller : Every 250,000 prints *1

: Every 225,000 prints *2

*1 501/421 *2 361

B. Procedure



- 1. Open the Right Door.
- 2. Using a soft cloth dampened with alcohol, wipe the Vertical Conveyance Roller [1].

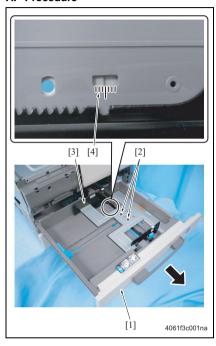
■ ADJUSTMENT/SETTING

4. MECHANICAL ADJUSTMENT

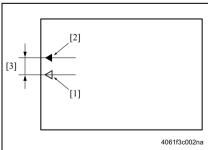
4.1 Mis-centering adjustment of the Trays 3 and 4

Conduct this adjustment when a mis-centering occurs that cannot be adjusted in the service mode.

A. Procedure



- 1. Pull out the Tray [1].
- 2. If there remains any paper, remove it thoroughly.
- 3. Loosen the 2 screws [2].
- Move the Paper Guide [3] and adjust the center position with the marking-off [4] as a guide.
- 5. Tighten the 2 screws [2].



- 6. Set the Tray with paper put it in.
- Conduct the copy/print operation and check to see if the mis-centering between the center [1] of the paper and the center [2] of the copied image is within a standard value (± 3 mm or less [3]).
- When the value is not within the standard value, repeat steps 1 to 7 until the standard value can be obtained.

PC-206

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SERVICE MANUAL

PC-407 (bizhub 501/421/361)

Revision history

After publication of this service manual, the parts and mechanism may be subject to change for improvement of their performance.

Therefore, the descriptions given in this service manual may not coincide with the actual machine.

When any change has been made to the descriptions in the service manual, a revised version will be issued with a revision mark added as required.

Revision mark:

- To indicate clearly a page that contains the revision, **\(\)** is shown near the page number of the corresponding page.

The number inside **\(\Lambda \)** represents the number of times the revision has been made.

NOTE

Revision marks shown in a page are restricted only to the latest ones with the old ones deleted.

- When a page revised in Ver. 2.0 has been changed in Ver. 3.0:
 The revision marks for Ver. 3.0 only are shown with those for Ver. 2.0 deleted.
- When a page revised in Ver. 2.0 has not been changed in Ver. 3.0:
 The revision marks for Ver. 2.0 are left as they are.

2008/05	1.0	_	Issue of the first edition
Date	Service manual Ver.	Revision mark	Descriptions of revision

CONTENTS

PC-407

\sim	ITI	IN	
()1		111	_

0011		
1.	RODUCT SPECIFICATION	1
MAIN	ΓΕΝΑΝCE	
2.	ERIODIC CHECK	3
2.1	Maintenance procedure	3
2.1	Replacing the Separation Roller Assy	3
2.1	Replacing the Feed Roller	4
2.1	Replacing the Pick-up Roller	7
3.	THER	9
3.1	Disassembly/Adjustment prohibited items	9
3.2	Disassembling, assembling and cleaning list	10
3.2	Disassembling and assembling list	10
3.2	2 Cleaning list	10
3.3	Disassembling and assembling procedure	11
3.3	Right Door/Rear Right Cover/Lower Right Cover/Front F	Right Cover11
3.3	Pear Cover	11
3.3	3 Tray	12
3.3	Wire	13
3.4	Cleaning procedure	16
3.4	Separation Roller	16
3.4	Peed Roller	16
3.4	Pick-up Roller	17
3.4	Vertical Conveyance Roller	17
ADJL	STMENT/SETTING	
4.	TECHANICAL ADJUSTMENT	19
4.1	Mis-centering adjustment	19
4.2	Shifter Movement Timing Belt Adjustment	

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OUTLINE

PRODUCT SPECIFICATION

A. Type

Name	2500 sheets paper feed cabinet
Туре	Front loading type LCC
Installation	Desk type
Document Alignment	Center

B. Paper type

Paper Type	Same as the main body.
Paner Size	Metric: A4 Inch: 8½ × 11
Capacity	2500 sheets (80 g/m ²)

C. Maintenance

D. Machine specifications

Power Requirements	24V DC ± 10 %, 5V DC ± 5 % (supplied from the main body)
Power Consumption	45 W or less
Dimensions	570 mm (W) × 577 mm (D) × 300 mm (H)
Weight	Approx. 26.0 kg

E. Operating environment

Temperature	Same as the main body.
Humidity	Same as the main body.

NOTE

• The information herein may be subject to change for improvement without notice.

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■ MAINTENANCE

2. PERIODIC CHECK

2.1 Maintenance procedure

2.1.1 Replacing the Separation Roller Assy

A. Periodically replaced part/cycle

Separation Roller Assy: Every 750,000 prints (Actual replacement cycle: Every 300,000 prints) *1
 Every 675,000 prints (Actual replacement cycle: Every 300,000 prints) *2

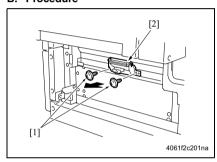
*1 501/421

*2 361

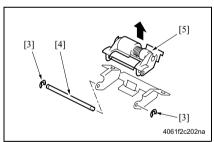
NOTE

• Replace the Separation Roller Assy, Feed Roller and Pick-up Roller at the same time.

B. Procedure



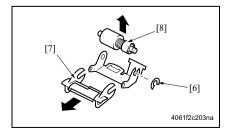
- Remove the Right Door. (See P.11)
- Remove two screws [1] and remove the Separation Roller Mounting Plate Assy [2].



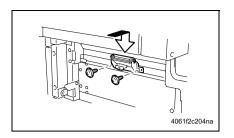
 Remove two C-rings [3] and the shaft [4], and remove the Separation Roller Fixing Plate Assy [5].

NOTE

Be careful not to lose spring at this time.



 Remove the C-ring [6], the Guide [7], and remove the Separation Roller Assy [8].



5. Reinstall the above parts following the removal steps in reverse.

NOTE

 When installing the Separation Roller Mounting Plate Assy, be sure to fix the holder with screws while holding it down.

2.1.2 Replacing the Feed Roller

A. Periodically replaced part/cycle

Feed Roller : Every 750,000 prints (Actual replacement cycle: Every 300,000 prints) *1

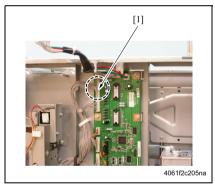
: Every 675,000 prints (Actual replacement cycle: Every 300,000 prints) *2

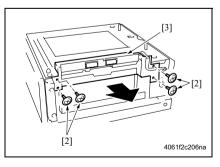
*1 501/421 *2 361

NOTE

• Replace the Separation Roller Assy, Feed Roller and Pick-up Roller at the same time.

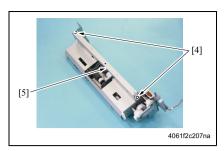
B. Procedure



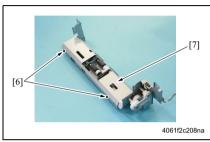


- 1. Remove the Rear Cover and the Rear Right Cover.
 - (See P.11)
- 2. Remove the Tray.
- 3. Remove the Separation Roller Mounting Plate Assy.
 - (See P.3)
- Disconnect the connector [1] from the PC Control Board (PCCB).

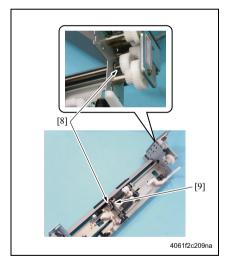
5. Remove four screws [2] and remove the Paper Feed Unit [3].



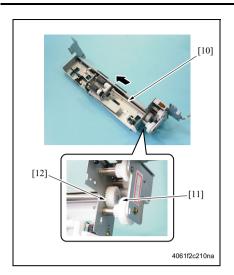
 Remove two screws [4] and remove the Mounting Frame [5] for the Separation Roller Mounting Plate Assy.



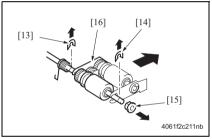
Remove two screws [6] and remove the Feed Roller Cover [7].



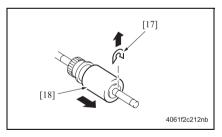
8. Remove two C-rings [8] and remove the bearing [9].



- Shift the Shaft Assy [10] in the orientation as shown on the left, and remove the C-ring [11] and the gear [12].
- 10. Remove the Shaft Assy [10].



 Remove C-ring [13], E-ring [14], and the bearing [15], and remove the Pick-up Roller Fixing Plate Assy [16].



- 12. Remove the C-ring [17] and remove the Feed Roller [18].
- 13. Reinstall the above parts following the removal steps in reverse.

2.1.3 Replacing the Pick-up Roller

A. Periodic replaced part/cycle

• Pick-up Roller : Every 750,000 prints (Actual replacement cycle: Every 300,000 prints) *1

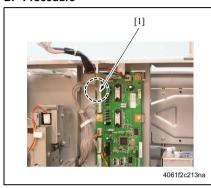
: Every 675,000 prints (Actual replacement cycle: Every 300,000 prints) *2

*1 501/421 *2 361

NOTE

· Replace the Separation Roller Assy, Feed Roller and Pick-up Roller at the same time.

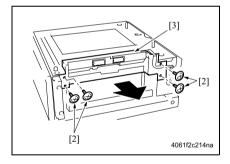
B. Procedure



 Remove the Rear Cover and the Rear Right Cover.

(See P.11)

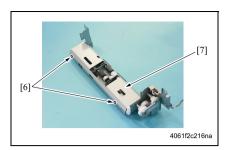
- 2. Remove the Tray.
- Remove the Separation Roller Mounting Plate Assy. (See P.3)
- Disconnect the connector [1] from the PC Control Board (PCCB).



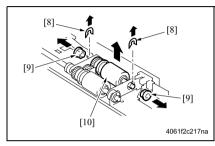
Remove four screws [2] and the Paper Feed Unit [3].



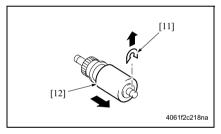
 Remove two screws [4] and remove the Separation Roller Mounting Plate Assy
 [5] together with frame.



7. Remove two screws [6] and remove the Paper Feed Roller Cover [7].



8. Remove two C-rings [8], two bearings [9], and the Pick-up Roller Assy [10].



- Remove the C-ring [11] and remove the Pick-up Roller [12].
- 10. Reinstall the above parts following the removal steps in reverse.

3. OTHER

3.1 Disassembly/Adjustment prohibited items

- A. Screws to which blue paint or green paint is applied
- Blue paint or green paint is applied to some screws to prevent them from coming loose.
- As a general rule, screws to which blue paint or green paint is applied should not be removed or loosened.

B. Red-painted screws

 Do not remove or loosen any of the red-painted screws in the field. It should also be noted that, when two or more screws are used for a single part, only one representative screw may be marked with the red paint.

C. Variable Resistors on Board

NOTE

 Do not turn the variable resistors on boards for which no adjusting instructions are given in ADJUSTMENT/SETTING.

D. Removal of Boards

⚠ CAUTION

- When removing a circuit board or other electrical component, refer to "SAFETY AND IMPORTANT WARNING ITEMS" and follow the corresponding removal procedures.
- The removal procedures given in the following omit the removal of connectors and screws securing the circuit board support or circuit board.
- When it is absolutely necessary to touch the ICs and other electrical components on the board, be sure to ground your body.

3.2 Disassembling, assembling and cleaning list

3.2.1 Disassembling and assembling list

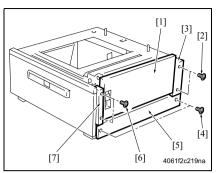
No	Section	Part name	Ref. page
1	Cover	Right Door	P.11
2		Rear Right Cover	P.11
3		Lower Right Cover	P.11
4		Front Right Cover	P.11
5		Rear Cover	P.11
6	Tray section	Tray	P.12
7		Wire	P.13

3.2.2 Cleaning list

No	Section	Part name	Ref. page
1	Paper feed section	Separation Roller	P.16
2		Feed Roller	P.17
3		Pick-up Roller	P.17
4		Vertical Conveyance Roller	P.18

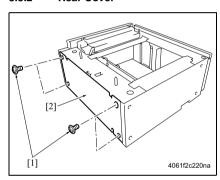
3.3 Disassembling and assembling procedure

3.3.1 Right Door/Rear Right Cover/Lower Right Cover/Front Right Cover



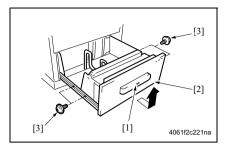
- 1. Open the Right Door [1].
- 2. Remove the Right Door [1].
- 3. Remove two screws [2] and remove the Rear Right Cover [3].
- 4. Remove two screws [4] and remove the Lower Right Cover [5].
- 5. Remove two screws [6] and remove the Front Right Cover [7].
- 6. Reinstall the above parts following the removal steps in reverse.

3.3.2 Rear Cover

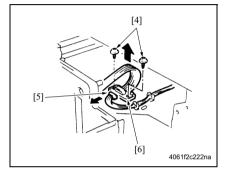


- 1. Remove four screws [1] and remove the Rear Cover [2].
- 2. Reinstall the above parts following the removal steps in reverse.

3.3.3 Tray



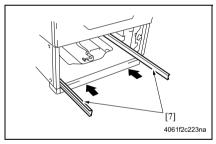
- Press the Tray Release Key [1] and slide out the Tray [2].
- 2. Remove the paper.
- 3. Remove four screws [3] and slide out the Tray [2].



- Remove two screws [4], the connector [5], and remove the Relay Board (RLB) [6].
- 5. Remove the Tray.

NOTE

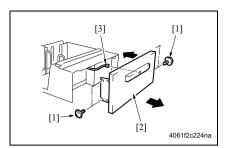
 When removing the RLB, take care not to drop the Tray from the guide rail.



⚠ CAUTION

- To prevent injuries, press the guide rail
 [7] inside the machine.
- 6. Reinstall the above parts following the removal steps in reverse.

3.3.4 Wire

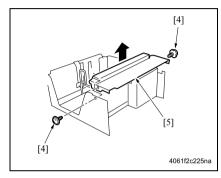


(See P.12)

2. Remove four screws [1] and remove the

1. Remove the Tray.

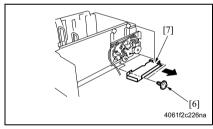
2. Hemove four screws [1] and remove the Front Cover Assy [2].3. Unplug the connector [3].



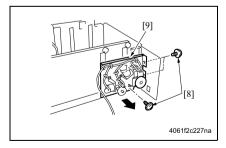
4. Remove two screws [4] and the Inner Cover Assy [5].

NOTE

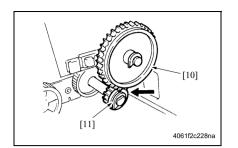
Do not peel off pulley protective mylar sheet.



Remove two screws [6] and remove the Driver Cover [7].

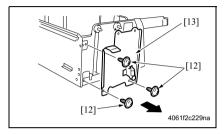


6. Remove three screws [8] and remove the Driver Mounting Plate Assy [9].

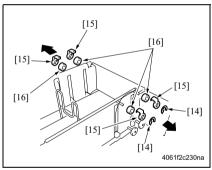


NOTE

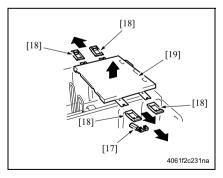
 When assembling, be sure to engage rib of gear 1 [10] with concave section of gear 2 [11].



7. Remove three screws [12] and remove the Reinforcement Plate Assy [13].



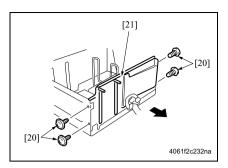
- 8. Remove two C-clips [14].
- 9. Remove four Pulley Covers [15].
- 10. Unhook four pulleys [16].



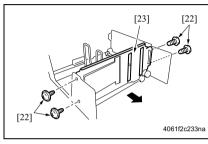
- 11. Remove the Ground Plate [17].
- *12.* Remove four Cable Holders [18] and remove the Main Tray [19].

NOTE

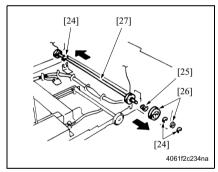
· Take care not to bend the wires.



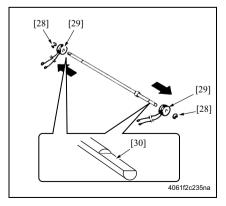
13. Remove four screws [20] and remove the Side Guide Assy /Rr [21].



14. Remove four screws [22] and remove the Side Guide Assy /Fr [23].



- 15. Remove three C-rings [24], the bearing [25], and two gears [26].
- 16. Remove the Wire Pulley Assy [27].



17. Remove two C-rings [28] and the Wire Pulley [29].

NOTE

- · Take care not to lose fixing pins.
- When reinstalling the Wire Pulley, check that the direction of the wire coming from both wire pulleys are the same.
- Install so that cut parts [30] at both ends of shaft face up.
- 18. Reinstall the above parts following the removal steps in reverse.

3.4 Cleaning procedure

NOTE

• The alcohol described in the cleaning procedure represents the isopropyl alcohol.

3.4.1 Separation Roller

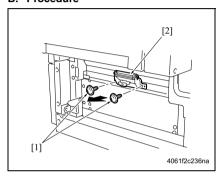
A. Periodic cleaning cycle

• Separation Roller : Every 250,000 prints *1

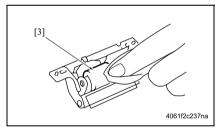
: Every 225,000 prints *2

*1 501/421 *2 361

B. Procedure



- Remove the Right Door. (See P.11)
- Remove two screws [1] and remove the Paper Separation Roller Mounting Plate Assy [2].



- 3. Using a soft cloth dampened with alcohol, wipe the Separation Roller [3].
- 4. Reinstall the above parts following the removal steps in reverse.

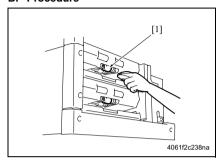
342 Feed Roller

A. Periodic cleaning cycle

 Feed Roller : Every 250,000 prints *1 : Every 225,000 prints *2

*1 501/421 *2 361

B. Procedure



1. Remove the Tray.

2. Remove the Separation Roller Mounting Plate Assv. (See P.16)

- 3. Using a soft cloth dampened with alcohol, wipe the Feed Roller [1].
- 4. Reinstall the above parts following the removal steps in reverse.

3.4.3 Pick-up Roller

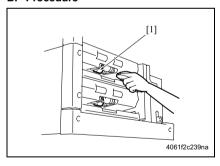
A. Periodic cleaning cycle

 Pick-up Roller : Every 250,000 prints *1

: Every 225,000 prints *2

*1 501/421 *2 361

B. Procedure



- 1. Remove the Tray.
- 2. Remove the Separation Roller Mounting Plate Assy.

(See P.16)

- 3. Using a soft cloth dampened with alcohol, wipe the Pick-up Roller [1].
- 4. Reinstall the above parts following the removal steps in reverse.

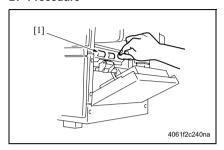
3.4.4 **Vertical Conveyance Roller**

A. Periodic cleaning cycleVertical Conveyance Roller : Every 250,000 prints *1

: Every 225,000 prints *2

*1 501/421 *2 361

B. Procedure



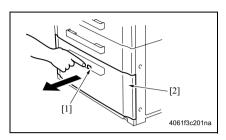
- 1. Open the Right Door.
- 2. Using a soft cloth dampened with alcohol, wipe the Vertical Conveyance Roller [1].

■ ADJUSTMENT/SETTING

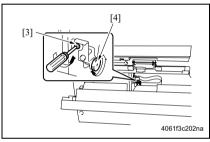
4. MECHANICAL ADJUSTMENT

4.1 Mis-centering adjustment

Conduct this adjustment when a mis-centering occurs that cannot be adjusted in the service mode.



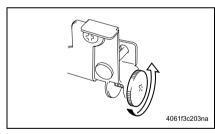
1. Press the Tray Release Key [1] and slide out the Tray [2].



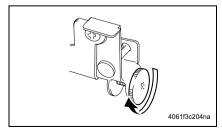
- 2. Open the Right Door.
- 3. Loosen the adjustment screw [3] and turn screw D [4].

NOTE

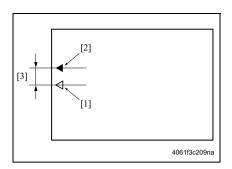
 Do not damage the passage surface of the Right Door.



 When moving the center of the paper to the rear side, rotate the screw D counterclockwise.

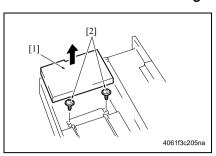


 When moving the center of the paper to the front side, rotate the screw D clockwise.



- 4. Close the Right Door and set the Tray.
- Conduct the copy/print operation and check to see if the mis-centering between the center [1] of the paper and the center [2] of the copied image is within a standard value (± 3 mm or less [3]).
- When the value is not within the standard value, repeat steps 1 to 5 until the standard value can be obtained.
- Slide out the Tray and tighten the adjustment screw.

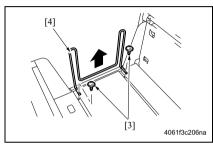
4.2 Shifter Movement Timing Belt Adjustment



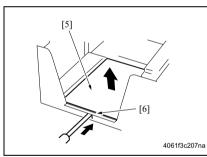
- Slide out the Tray and remove it.
 If the Main Tray [1], and remove
- 2. Lift the Main Tray [1], and remove two screws [2] fixing the Shift Tray.

NOTE

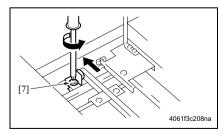
 When reinstalling, take care not to unfasten the wire of the Main Tray.



3. Remove two screws [3] and remove the Shifter [4].



- 4. Push the tab [6] of the Shift Tray [5] as shown on the left and release the lock.
- 5. Remove the Sub Tray [5].



- Loosen the screw [7] as shown to the left and move it in the direction of the arrow.
- 7. After moving the Shifter, tighten the screw [7].

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SERVICE MANUAL

LU-203

Revision history

After publication of this service manual, the parts and mechanism may be subject to change for improvement of their performance.

Therefore, the descriptions given in this service manual may not coincide with the actual machine.

When any change has been made to the descriptions in the service manual, a revised version will be issued with a revision mark added as required.

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- To indicate clearly a section revised,
 \(\underset \) is shown at the left margin of the revised section.

 The number inside
 \(\underset \) represents the number of times the revision has been made.
- To indicate clearly a page that contains the revision, **\(\)** is shown near the page number of the corresponding page.

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2008/05	1.0	_	Issue of the first edition
Date	Service manual Ver.	Revision mark	Descriptions of revision

CONTENTS

LU-203

OUTLINE 1. PRODUCT SPECIFICATION	1
MAINTENANCE	•
2. PERIODIC CHECK	3
2.1 Maintenance procedure of the paper feed section	3
2.1.1 Replacing the pick-up rubber and the feed rubber	3
2.1.2 Replacing the separation roller	8
3. OTHERS	12
3.1 Disassembling and assembling list	12
3.2 Disassembling and assembling procedure	13
3.2.1 Removal and reinstallation of the right cover, the front cover and the rear cover	13
3.2.2 Replacing the wires	16
ADJUSTMENT/SETTING	
4. MECHANICAL ADJUSTMENT	23
4.1 Adjusting the tilt of the lift plate	23

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■ OUTLINE

1. PRODUCT SPECIFICATION

A. Type

Type	Side mount type large volume paper feed tray

B. Functions

Maximum tray capacity	2,000 sheets (80 g/m ²)

C. Type of paper

Paper type *1	Plain paper, recycled paper, high quality paper of 60 to 105 g/m ²
Paper size	A4, 8½ x 11

*1 Recommended paper

Plain paper Inch: Hammermill Tidal MP (20 lbs)

Metric: Konica Profi (80 g/m²), Konica Minolta Original (80 g/m²)

Recycled paper Inch: Weyehaeuser Recycled Laser Copy (20 lbs)

Metric: Nautilus (80 g/m²)

D. Maintenance

Maintenance	Same as the main body.
	•

E. Machine data

Power source	24/5V DC (supplied from the main body)
Power consumption	30 W or less (internal heater is not used)
Dimensions	424 (W) x 515 (D) x 295 (H) mm
Weight	Approx. 16 kg

F. Operating environment

Temperature	Same as the main body
Humidity	Same as the main body

Note

• The information herein may be subject to change for improvement without notice.

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■ MAINTENANCE

2. PERIODIC CHECK

2.1 Maintenance procedure of the paper feed section

⚠Caution

 When connected to the main body, make sure that the power cord of the main body is unplugged from the power outlet.

2.1.1 Replacing the pick-up rubber and the feed rubber

A. Periodically replaced parts/cycle

• Pick-up rubber : Every 500,000 prints (Actual replacement cycle: Every 200,000 prints) *1

: Every 450,000 prints (Actual replacement cycle: Every 200,000 prints) *2

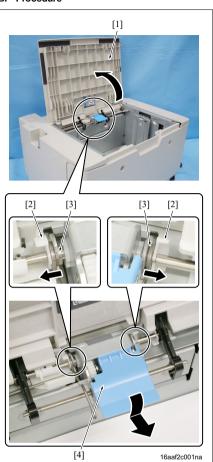
• Feed rubber : Every 500,000 prints (Actual replacement cycle: Every 200,000 prints) *1

: Every 450,000 prints (Actual replacement cycle: Every 200,000 prints) *2

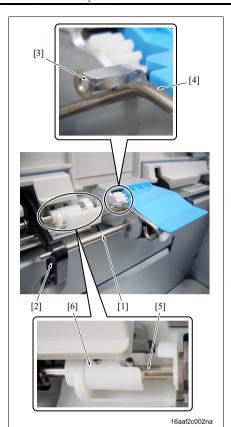
*1 501/421

*2 361

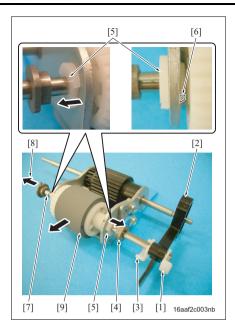
B. Procedure



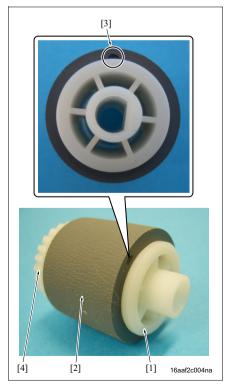
- 1. Open the upper door [1].
- 2. Remove the C-clips [2], 1 each, and release the 2 bearings [3].
- 3. Remove the paper feed roller unit [4].



- When installing the paper feed roller unit, be sure to insert the shaft [1] into the ring of the actuator [2].
- When installing the paper feed roller unit, be sure to install it so that the hook [3] comes above the lift-up shaft [4].
- When installing the paper feed roller unit, be sure to insert the shaft [5] securely into the coupling [6].

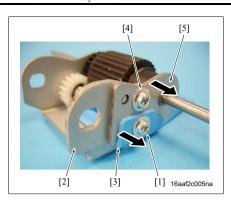


- 4. Remove the C-clip [1] and then remove the actuator [2].
- 5. Remove the C-clip [3] and then remove the bearing [4].
- 6. Release the claws [6] of the bearings [5], two each, and then remove the two bearings [5].
- Pull out the shaft [7] in the arrow-marked direction
 and remove the feed roller [9].

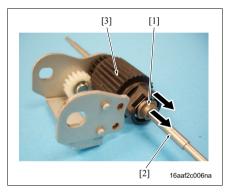


8. Remove the feed rubber [2] from the paper feed roller [1].

- Be sure to install the feed rubber [2] so that the paint mark [3] comes in the opposite direction of the gear [4].
- When setting the feed rubber, apply alcohol on the inside of the feed rubber. By doing so, the feed rubber can be set more easily.



- 9. Remove the screw [1] and then remove the handle [3] from the roller mounting plate [2].
- 10. Remove the screw [4] and then remove the bearing holder [5] from the roller mounting plate [2].



11. Remove the bearing [1] and then remove the pickup roller [3] from the shaft [2].



12. Remove the pick-up rubber [2] from the pick-up roller [1].

- When setting the pick-up rubber, apply alcohol on the inside of the pick-up rubber. By doing so, the pick-up rubber can be set more easily.
- 13. Reinstall the above parts following the removal steps in reverse.

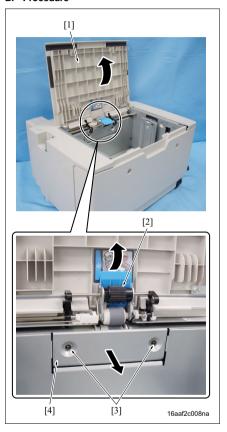
2.1.2 Replacing the separation roller

A. Periodically replaced part/cycle

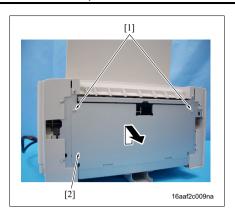
Separation rubber: Every 500,000 prints (Actual replacement cycle: Every 200,000 prints) *1
 : Every 450,000 prints (Actual replacement cycle: Every 200,000 prints) *2

*1 501/421 *2 361

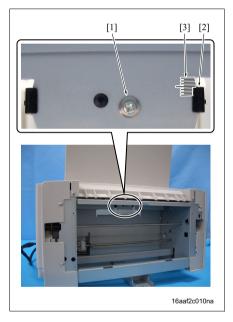
B. Procedure



- 1. Pull out LU from the main body.
- 2. Open the upper door [1].
- 3. Lift up the paper feed roller unit [2].
- 4. Remove the 2 screws [3] and then remove the guide plate [4].



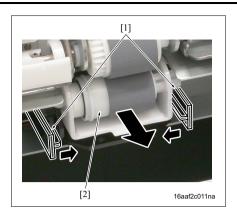
5. Remove the 2 screws [1] and then remove the left cover [2].



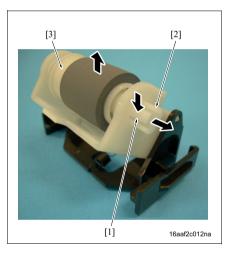
6. Remove the screw [1].

Note

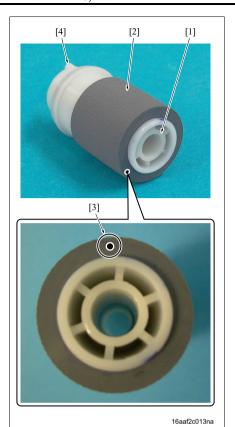
 When installing the separation roller assy, be sure to set the upper section of the claw [2] at the center of the marking-off [3] of the plate.
 In this way, the separation roller assy can be horizontally positioned.



7. Release the lock lever [1] and remove the separation roller assy [2].



8. Pull out the shaft [2] while pressing the lever [1] and remove the separation roller [3].



Remove the separation rubber [2] from the separation roller [1].

- Be sure to install the separation rubber [2] so that the paint mark [3] comes in the opposite direction of the projection [4].
- When setting the separation rubber, apply alcohol on the inside of the separation rubber.
 By doing so, the separation rubber can be set more easily.
- 10. Reinstall the above parts following the removal steps in reverse.

3. OTHERS

3.1 Disassembling and assembling list

- This list shows the explanation of the disassembly and reassembly of the parts which are considered necessary to replace (other than periodically replaced parts). However, these parts except for the covers are not required to be disassembled while in normal service operations.
- For the method of replacing the periodically replaced parts, see "2.1 Maintenance procedure of the paper feed section".
 (See P.3)

No.	Section	Part name	Page referred to
1	Cover	Right cover	P.13
		Front cover	P.13
		Rear cover	P.13
2	Tray section	Wire A	P.16
		Wire B	P.16
		Wire C	P.16
		Wire D	P.16

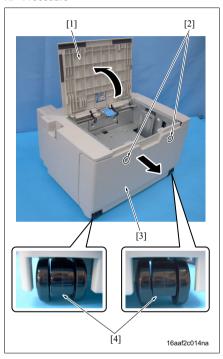
3.2 Disassembling and assembling procedure

∴ Caution

 When connected to the main body, make sure that the power cord of the main body is unplugged from the power outlet.

3.2.1 Removal and reinstallation of the right cover, the front cover and the rear cover

A. Procedure



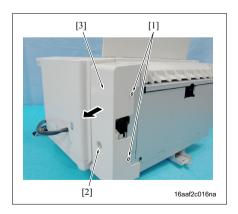
- 1. Pull out LU from the main body side.
- 2. Open the upper door [1].
- 3. Remove the 2 screws [2] and then remove the right cover [3].

Note

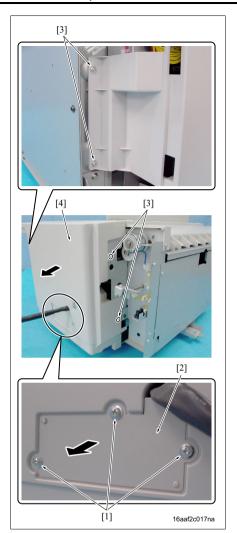
• When installing the right cover [3], be sure to take note of the direction of the 2 casters [4].



- 4. Loosen the 2 screws [1].
- 5. Remove the 2 screws [2] and then remove the front cover [3].



- 6. Loosen the 2 screws [1].
- 7. Remove the screw [2] and then remove the auxiliary cover /Rr [3].



- 8. Remove the 3 screws [1] and then remove the cable cover [2].
- 9. Remove the 4 screws [3] and then remove the rear cover [4].
- 10. Reinstall the above parts following the removal steps in reverse.

3.2.2 Replacing the wires

The length of the wires

Wire /A: 707.2 mm

Wire /B: 585.7 mm

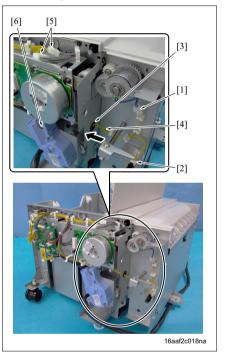
Wire /C: 558.7 mm

Wire /D: 680.2 mm

Auxiliary wire: 706.3 mm

Detection wire: 609.6 mm

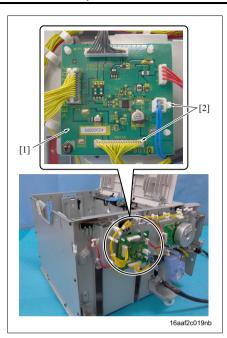
A. Removing the wire



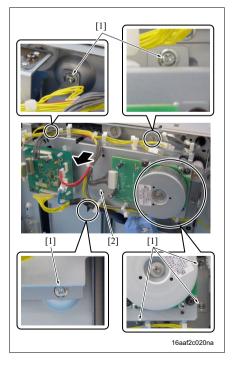
1. Remove the right cover, the front cover and the rear cover.

(See P.13)

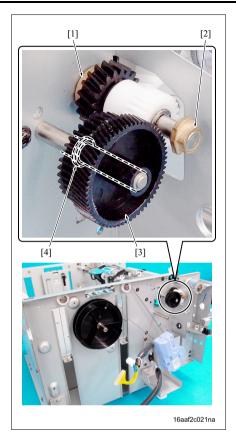
- 2. Remove the connectors [1] and [2], and pull out the wiring harness [4] from the hole [3].
- 3. Remove the 2 connectors [5] and the connector [6].



4. Remove two connectors [2] from the LU drive board (LUDB) [1].

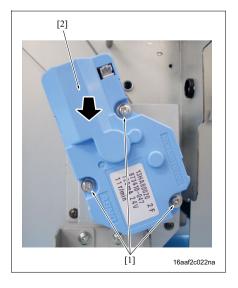


5. Remove the 6 screws [1] and then remove the LU drive board unit [2].

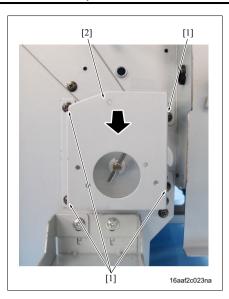


Note

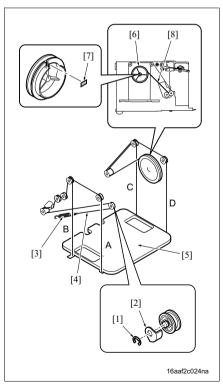
- When removing the LU drive board unit, the bearings [1] and [2] may come off and fall. Be careful that they do not get lost.
- On the inside of the gear [3], the spacer [4] is provided. Be careful that it does not get lost.



6. Remove the 3 screws [1] and then remove the paper lift motor (M151) [2].



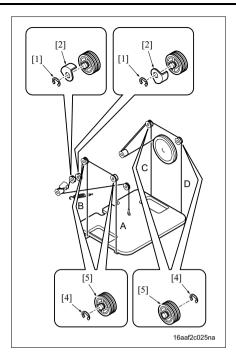
7. Remove the 4 screws [1] and then remove the motor mounting plate [2].



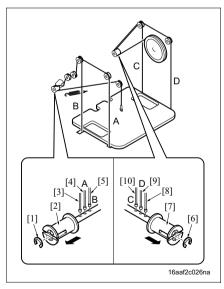
- Remove the E-ring [1], and remove the wire stopper [2]
- 9. Remove the assist wire [4] from the spring [3].

Note

- Be careful that the lift plate [5] comes down by its own weight.
- 10. Peel off the seal [7] from the detection reel [6].
- 11. Rotate the detection reel [6] clockwise as seen from the rear side, and remove the detection wire [8] from the reel.

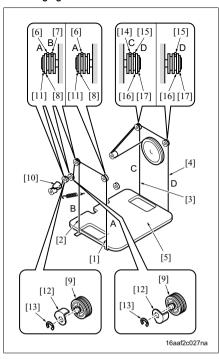


- 12. Remove the 2 E-rings [1] and the 2 wire stoppers [2].
- 13. Remove the 4 E-rings [4] and remove the 4 upper pulleys [5].

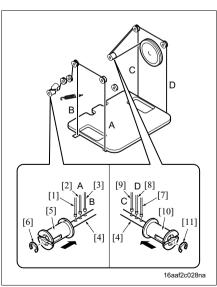


- 14. Remove the E-ring [1] and the drive pulley [2], then remove the auxiliary wire [3], the wire A [4] and the wire B [5].
- 15. Remove the E-ring [6] and the drive pulley [7], then remove the detection wire [8], the wire D [9] and the wire C [10].

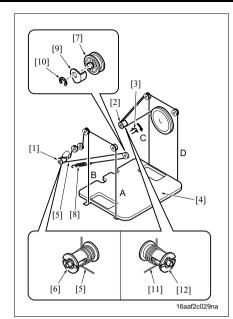
B. Stringing wires

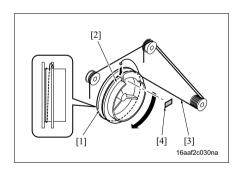


- 1. Pass the wire A [1], the wire B [2], the wire C [3] and the wire D [4] through the lift plate [5].
- Run the wire A [6] and the wire B [7] through the 2
 upper pulleys [8] and the 2 lower pulleys [9], and
 then through the adjustment part [10].
- 3. Tighten the 2 upper pulleys [8] with the 2 E-rings [11].
- Install the wire stopper [12] to each of the 2 lower pulleys [9] in the direction as shown in the drawing. And then fasten it with the 2 E-Rings [13].
- 5. Run the wire C [14] and the wire D [15] through the groove of the pulley [16].
- 6. Tighten the 2 pulleys [16] with each of the E-ring [17].



- 7. After putting the auxiliary wire [1], the wire A [2] and the wire B [3] into the holes in the front section of the drive shaft [4], install the drive pulley [5] and tighten it with the E-ring [6].
- 8. After putting the detection wire [7], the wire D [8] and the wire C [9] into the holes in the rear section of the drive shaft [4], install the drive pulley [10] and tighten it with the E-ring [11].





- Hold the drive pulley [1] and the drive pulley [2] with both hands and rotate them counterclockwise as seen from the front side until there are no slacks found in the wires A, B, C, and D.
- 10. Rotate the coupling shaft [3] on the rear side to lift the lift plate [4] to the upper limit.

Note

- Be sure to wind the wires from the inside of the LU to the outside.
- At this time, the auxiliary wire [5] and the detection wire [11] should not have been wound around the drive pulleys [6] and [12].
- 11. Wind the auxiliary wire [5] about half turn counterclockwise around the drive pulley [6].
- 12. Wind the auxiliary wire [5] about 1.5 turn clockwise around the pulley [7] and install it to the spring [8].
- 13. Install the wire stopper [9] to the pulley [7] in the direction as shown in the drawing, and tighten it with the E-ring [10].
- 14. With the lift plate [4] lifted fully up to the upper limit, wind the detection wire [11] about half turn clockwise around the drive pulley [12].
- 15. Set the wire attaching notch [2] at the right above position with no tension applied on the detection reel [1], and wind the detection wire [3] a full turn counterclockwise around the detection reel [1] starting at the top side.

Note

- Be sure to wind the wire from the inside of the LU to the outside.
- 16. Rotate the detection reel [1] clockwise to apply tension. After rotating about ³/₄ turn, install the detection wire [3].
- 17. Stick the seal [4] to the detection reel [1].
- 18. Follow Steps 1 to 7 in "A. Removing the wire" in reverse order.

Note

- After finishing wire replacement, move the lift plate up and down to confirm that it moves smoothly.
- Make sure that the wires do not cross each other, or a wire does not run on another wire.
- After installing the wires, adjust the tilt of the lift plate.

(See P.23)

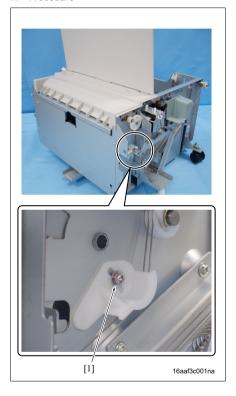
■ ADJUSTMENT/SETTING

4. MECHANICAL ADJUSTMENT

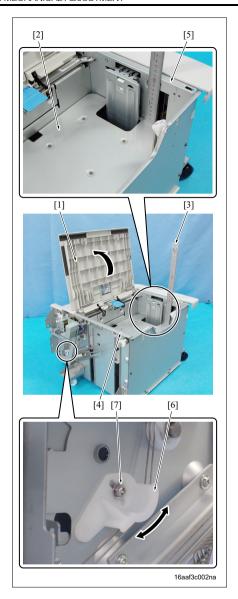
4.1 Adjusting the tilt of the lift plate

When the lift plate is tilted, paper may not be fed correctly. Adjust the lift plate so that it becomes parallel to the paper feed roller shaft. When replacing the wire, be sure to conduct this adjustment.

A. Procedure



- Remove the right cover and the front cover. (See P.13)
- 2. Loosen the screw [1].



- 3. Open the upper door [1].
- 4. Stand the scale [3] on the upper surface of the lift plate [2].
- 5. Move and adjust the wire adjusting member [6] so that the distance from each of the upper surfaces of the panels /Fr [4] and /Rr [5] to the upper surface of the lift plate become identical.
- 6. After completion of the adjustment, tighten up the screw [7] securely.



SERVICE MANUAL

FS-522/PU-501/ OT-602

Revision history

After publication of this service manual, the parts and mechanism may be subject to change for improvement of their performance.

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2008/05	1.0	_	Issue of the first edition
Date	Service manual Ver.	Revision mark	Descriptions of revision

CONTENTS

FS-522/PU-501/OT-602

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1.	PRO	DUCT SPECIFICATIONS	1
1.1	FS-	522	1
1.2	PU	-501	3
1.3	OT-	602	4
MAI	NTE	NANCE	
2.	PER	IODIC CHECK	5
2.1	Ma	intenance procedure	5
2	.1.1	Cleaning of the Roller	5
3.	OTH	ER	7
3.1		assembly/Adjustment prohibited items	
3.2		assembling and assembling list	
3.3	B Dis	assembling and assembling procedure	
3	.3.1	Conveyance Front Cover /Up, /Rt, /Lw	9
3	.3.2	Conveyance Upper Cover	S
3	.3.3	Front Door	10
3	.3.4	Conveyance Front Cover /Lt	10
3	.3.5	Paper Exit Front Cover, Rear Cover, Connector Cover	11
3	.3.6	Tray /2	12
3	.3.7	OT-602	12
3	.3.8	Tray /1	12
3	.3.9	Lift Tray	13
3	.3.10	Conveyance Unit	13
3	.3.11	Stapler	14
3	.3.12	PU	15
3	.3.13	Stacker Paddle Drive Clutch Assy	16
3	.3.14	Paper Holding Paddle Drive Clutch Assy	17
ADJ	UST	MENT/SETTING	
4.	MEC	HANICAL ADJUSTMENT	19
4.1		ple Position Adjustment	
4.2		ustment of the Installation Position of the Shutter Drive Gear	
4.3	B Pui	nch Mis-centering Adjustment (PU-501)	21

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OUTLINE

1. PRODUCT SPECIFICATIONS

1.1 FS-522

A. Type

Name	Multi tray finisher built into the main body
Installation	Installed in the main body
Document Alignment	Center
Consumables	Staples (5,000 staples/cartridge)

B. Functions

C. Paper type

(1) Non sort

Туре	Size	Weight		Max. Capacity		
	Metric:		Tray /1	200 sheets		
Plain paper	A3, B4, A4, A4S, B5, B5S *2, A5S, B6S 11 x 17, 8½ x 11, 8½ x 11S, Foolscap, 8K *1, 16K *1, 16KS *1	50 to 90 g/m ²	Tray /2	A4S, 8½ x 11S or less	1000 sheets	
Recycled paper				B4, 8½ x 14 or greater	500 sheets	
Thick paper	010 1, 1010 1, 1010 1	91 to 210 g/m ²	20 sheets			
OHP transparencies	Inch: 11 x 17, 8½ x 14, 8½ x 11, 8½ x 11S, 5½ x 8½S	-				
Envelope		-				
Label paper		-				
Letterhead	A3, A4, A4S, Foolscap	-				

^{*1:} Only supported in Taiwan.

(2) Sort/Group

Туре	Size	Weight		Max. Capacity	
	Metric:		Tray /1	200 sheets	
Plain paper	A3, B4, A4, A4S, B5, B5S *2 11 x 17, 8½ x 11, 8½ x 11S, Foolscap, 8K *1, 16K *1, 16KS *1	56 to 90 g/m ²	Tray /2	A4S, 8½ x 11S or less	1000 sheets
Recycled paper	Inch: 11 x 17, 8½ x 14, 8½ x 11, 8½ x 11S A3, A4, A4S, Foolscap		nay /2	B4, 8½ x 14 or greater	500 sheets

^{*1:} Only supported in Taiwan.

^{*2:} Supported in other than inch area and Taiwan.

^{*2:} Supported in other than inch area and Taiwan.

(3) Sort Staple

Туре	Size	Weight		Max. Capacity	
	Metric:		Tray /1	200 sheets	
Plain paper	A3, B4, A4, A4S, B5, B5S *2 11 x 17, 8½ x 11, 8½ x 11S, Foolscap, 8K *1, 16K *1, 16KS *1	56 to 90 g/m ²	Tray /2	A4S, 8½ x 11S or less	1000 sheets
Recycled paper	Inch: 11 x 17, 8½ x 14, 8½ x 11, 8½ x 11S A3, A4, A4S, Foolscap		nay /2	B4, 8½ x 14 or greater	500 sheets

^{*1:} Only supported in Taiwan.

D. Stapling

Staple Filling Mode	Dedicated Staple Cartridge (5000 staples)		
Staple Detection	Available (Nearly Empty: 20 remaining staples)		
	Front: Diagonal 45° 1 point *1		
	Rear: Diagonal 45° 1 point *1	11 x 17, 8½ x 11	
Stapling Position	Front: Parallel 1 point	A4S, B5S	
Ctaping Footion	Rear: Parallel 1 point	8½ x 14, 8½ x 11S	
	Side: Parallel 2 point	A3, B4, A4, A4S, B5, B5S 11 x 17, 8½ x 14, 8½ x 11, 8½ x 11S	

^{*1:} Diagonal 30° for B5 and B4

E. Maintenance

Maintenance	Same as the main body.
-------------	------------------------

F. Machine specifications

Power Requirements	24/5V DC (supplied from the main body)
Power Consumption	66 W or less
Dimensions	319 (W) x 558 (D) x 573 mm (H)
Weight	Approx. 21.4 kg

G. Operating environment

Temperature	Same as the main body.
Humidity	Same as the main body.

^{*2:} Supported in other than inch area and Taiwan.

1.2 PU-501

A. Type

Туре	FS built-in type punching operation device	
Installation	Screwed to the FS	
Paper Size	Metric: A3, B4, A4, A4S, B5 11 x 17, 8½ x 11, 8K*1, 16K*1 Inch: 2 holes: 11 x 17, 8½ x 14, 8½ x 11, 8½ x 11S	
Paper Type	Plain Paper (60 to 163 g/m ²), Recycled Paper (60 to 163 g/m ²)	
Punch Hole	Metric: 4 holes, Swedish 4 holes (ϕ 6.5 mm) Inch: 2 and 3 holes (can be switched) (ϕ 8 mm)	
Number of Stored Punch Wastes	Metric (4 holes): For 1,500 sheets of paper (80 g/m²) Inch (2, 3 holes): For 1,000 sheets of paper (75 g/m²)	
Document Alignment	Center	

^{*1:} Only supported in Taiwan.

B. Maintenance

Maintenance	Same as the main body.

C. Machine specifications

Power Requirements	24/5V DC (Supplied from FS)	
Dimensions	114 (W) x 461 (D) x 136 mm (H)	
Weight	Approx. 1.9 kg	

D. Operating environment

Temperature	Same as the main body.
Humidity	Same as the main body.

빌

1.3 OT-602

A. Type

Туре	Additional Tray to FS	
Installation	Screwed to the FS	
Mode	Non sort, sort, group, and sort staple	
Number of Bins	1 bin	
Document Alignment	Center	

B. Paper Type

Mode	Size	Туре		Capacity
	Metric: A3, B4, A4, A4S, B5, B5S *2, A5S, B6S 11 x 17, 8½ x 11, 8½ x 11S, Foolscap, 8K *1, 16K *1, 16KS *1	Plain Paper, Recycled Paper (50 to 90 g/m²)		200 sheets
			OHP transparencies	
Non sort			Thick paper (91 to 210 g/m ²)	
	Inch:	Special	Envelope	20 sheets
	11 x 17, 8½ x 14, 8½ x 11, 8½ x 11S, 5½ x 8½S A3, A4, A4S, Foolscap		Label paper	
			Letterhead	
Sort / group	Metric: A3, B4, A4, A4S, B5, B5S *2 11 x 17, 8½ x 11, 8½ x 11S, Foolscap, 8K	Plain Paper, Recycled paper (56 to 90 g/m²)		200 sheets
Sort staple	1*1, 16K *1, 16KS *1 Inch: 11 x 17, 8½ x 14, 8½ x 11, 8½ x 11S A3, A4, A4S, Foolscap			200 sheets or 20 copies

^{*1:} Only supported in Taiwan.

C. Maintenance

Maintenance	Same as the main body.

D. Machine specifications

Dimensions	282 (W) x 368 (D) x 57 mm (H)	
Weight	Approx. 0.7 kg	

E. Operating environment

Temperature	Same as the main body.
Humidity	Same as the main body.

NOTE

• The information herein may be subject to change for improvement without notice.

^{*2:} Supported in other than inch area and Taiwan.

FS-522/PU-501/OT-602

MAINTENANCE

2. PERIODIC CHECK

2.1 Maintenance procedure

NOTE

 The alcohol described in the cleaning procedure of Maintenance represents the isopropyl alcohol.

2.1.1 Cleaning of the Roller

A. Periodic cleaning cycle

Various Rollers : Every 250,000 prints *1

: Every 225,000 prints *2

Paper Holding Paddle : Every 250,000 prints *1

: Every 225,000 prints *2

*1 501/421 *2 361

B. Procedure

1. Remove the Lift Tray.

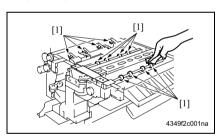
(See P.13)

2. Remove the Conveyance Unit.

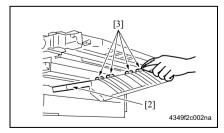
(See P.13)

3. Remove the Conveyance Top Cover.

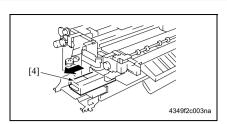
(See P.9)



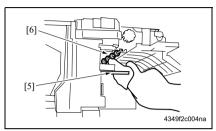
4. Using a soft cloth dampened with alcohol, wipe the roller [1].



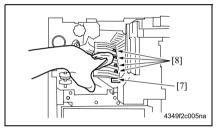
- 5. Lower Processing Guide FN1 [2].
- Using a soft cloth dampened with alcohol, wipe the roller [3].



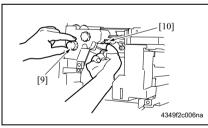
Remove Punch Scraps Box FN3.1 [4]. (only when PU is installed)



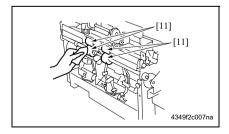
- 8. Lower Processing Guide FN-3 [5].
- Using a soft cloth dampened with alcohol, wipe the roller [6].



- 10. Lower Processing Guide FN-4 [7].
- 11. Using a soft cloth dampened with alcohol, wipe the roller [8].



12. While turning Processing Knob FN-5 [9], wipe the roller [10] using a soft cloth dampened with alcohol.



13. Using a soft cloth dampened with alcohol, wipe the roller [11].

FS-522/PU-501/OT-602

3. OTHER

3.1 Disassembly/Adjustment prohibited items

- A. Screws to which blue paint or green paint is applied
- Blue paint or green paint is applied to some screws to prevent them from coming loose.
- As a general rule, screws to which blue paint or green paint is applied should not be removed or loosened.

B. Red-painted screws

 Do not remove or loosen any of the red-painted screws in the field. It should also be noted that, when two or more screws are used for a single part, only one representative screw may be marked with the red paint.

C. Variable Resistors on Board

NOTE

 Do not turn the variable resistors on boards for which no adjusting instructions are given in ADJUSTMENT/SETTING.

D. Removal of Boards



- When removing a circuit board or other electrical component, refer to "SAFETY AND IMPORTANT WARNING ITEMS" and follow the corresponding removal procedures.
- The removal procedures given in the following omit the removal of connectors and screws securing the circuit board support or circuit board.
- When it is absolutely necessary to touch the ICs and other electrical components on the board, be sure to ground your body.

FS-522/PU-501/OT-602

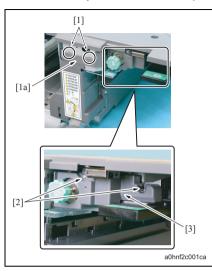
3.2 Disassembling and assembling list

No.	Section	Part name	Ref.Page
1		Conveyance Front Cover /Up	P.9
2		Conveyance Upper Cover	P.9
3		Conveyance Front Cover /Rt	P.9
4		Front Door	P.10
5		Conveyance Front Cover /Lw	P.9
6	Cover	Conveyance Front Cover /Lt	P.10
7	- Cover -	Paper Exit Front Cover	P.11
8		Tray /2	P.12
9		OT (Option)	P.12
10		Tray /1	P.12
11		Connector Cover	P.11
12		Paper Exit Rear Cover	P.11
13		Lift Tray	P.13
14	- Unit	Conveyance Unit	P.13
15	Oliit	Stapler Unit	P.14
16		PU (Option)	P.15
17	Others	Stacker Paddle Drive Clutch Assy	P.16
18	Ouleis	Paper Holding Paddle Drive Clutch Assy	P.17

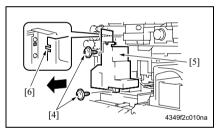
MAINTENANCE

3.3 Disassembling and assembling procedure

3.3.1 Conveyance Front Cover /Up, /Rt, /Lw



- 1. Remove the Conveyance Upper Cover.
- 2. Unhook two claws [1], and remove the Conveyance Front Cover /Up [1a].
- 3. Remove two screws [2], and remove the Conveyance Front Cover /Rt [3].

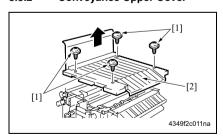


4. Remove two screws [4], and remove the Conveyance Front Cover /Lw [5].

NOTE

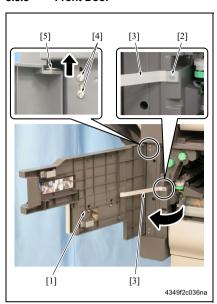
- At reinstallation, first fit the claw [6] into position.
- 5. Reinstall the above parts following the removal steps in reverse.

3.3.2 Conveyance Upper Cover



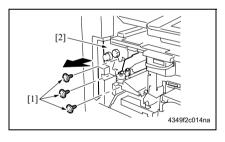
- 1. Remove four screws [1], and remove the Conveyance Upper Cover [2].
- 2. Reinstall the above parts following the removal steps in reverse.

3.3.3 Front Door



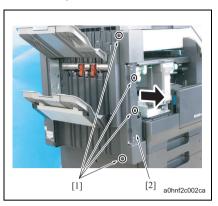
- 1. Open the Front Door [1].
- 2. Remove the screw [2], and remove the stopper [3].
- 3. Loosen two screws [4].
- 4. Slide up the Fulcrum /Up [5] and remove the Front Door.
- 5. Reinstall the above parts following the removal steps in reverse.

3.3.4 Conveyance Front Cover /Lt

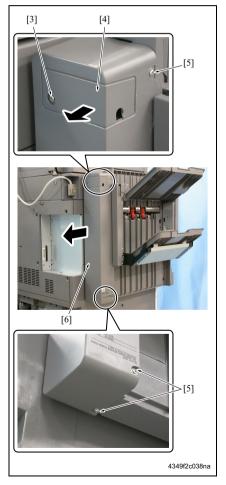


- 1. Remove three screws [1], and remove the Conveyance Front Cover /Lt [2].
- 2. Reinstall the above parts following the removal steps in reverse.

3.3.5 Paper Exit Front Cover, Rear Cover, Connector Cover

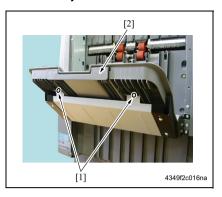


- Remove the Front Door. (See P.10)
- Remove the Conveyance Front Cover /Lt.
 (See P.10)
- 3. Remove four screws [1], and remove the Paper Exit Front Cover [2].



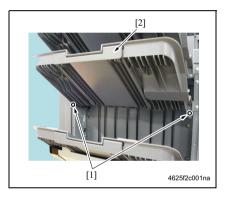
- 4. Remove the screw [3], and remove the Connector Cover [4].
- 5. Remove three screws [5] and remove the Paper Exit Rear Cover [6].
- 6. Reinstall the above parts following the removal steps in reverse.

3.3.6 Tray /2



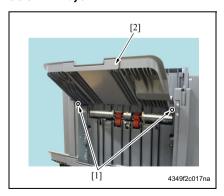
- 1. Remove two screws [1], and remove the Tray /2 [2].
- 2. Reinstall the above parts following the removal steps in reverse.

3.3.7 OT-602



- Remove two screws [1], and remove the OT [2].
- 2. Reinstall the above parts following the removal steps in reverse.

3.3.8 Tray /1



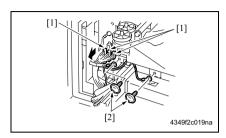
- 1. Remove two screws [1], and remove the Tray /1 [2].
- 2. Reinstall the above parts following the removal steps in reverse.

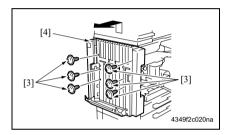
MAINTENANCE

3.3.9 Lift Tray

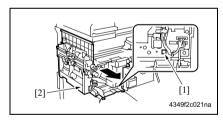
NOTE

- When removing the Lift Tray, be sure to bring the Tray down to the bottom in advance.
- · If the OT is installed, remove it in advance.





3.3.10 Conveyance Unit

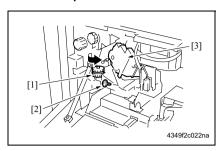


- Remove the Front Door. (See P.10)
- Remove the Conveyance Front Cover /Lt.
 (See P.10)
- 3. Disconnect three connectors [1].
- Remove two screws [2], and remove the ground wire.
- Remove the Tray /1, Tray /2 and OT. (See P.12)
- Remove six screws [3], and lift the Lift Tray [4] upward and off from the Conveyance Unit.

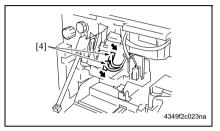
NOTE

- The removal of the upper 2 screws [3] is not available when the Lift Tray is not brought down to the bottom.
- 7. Reinstall the above parts following the removal steps in reverse.
- 1. Remove the Lift Tray. (See P.13)
- While holding down the lock release button [1], remove the Conveyance Unit [2].
- 3. Reinstall the above parts following the removal steps in reverse.

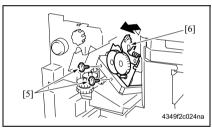
3.3.11 Stapler



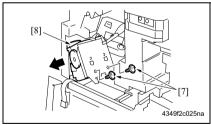
- 1. Open the Front Door.
- 2. Turn the knob [1], and move the stapler forward.
- 3. Remove the Staple Cartridge.
- 4. Remove the screw [2], and remove the cover [3].



5. Disconnect two connectors [4].



6. Remove two screws [5], and remove the Stapler Unit [6].



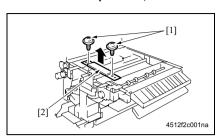
- 7. Remove two screws [7] and remove the Stapler [8].
- 8. Reinstall the above parts following the removal steps in reverse.

MAINTENANCE

3.3.12 PU

NOTE

• When the SD is provided, be sure to remove the Folding Unit in advance.



- 4512f2c002na
- [7] [6] [6] [6] [6] [6]
- [8] [10] [11] [8] [8] [8] [11] [8] [8] [8] [8] [11]

- Remove the Lift Tray. (See P.13)
- Remove the Conveyance Unit. (See P.13)
- 3. Remove the Conveyance Upper Cover. (See P.9)
- Remove the Conveyance Front Cover /Lw.
 (See P.9)
- Remove two screws [1], and remove the Reinforcement Plate [2].
- 6. Disconnect two connectors [3].

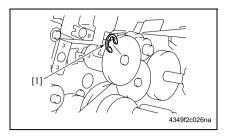
7. Remove two screws [6], and remove the PU [7].

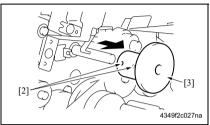
8. Remove nine screws [8], and the Punch Unit [9].

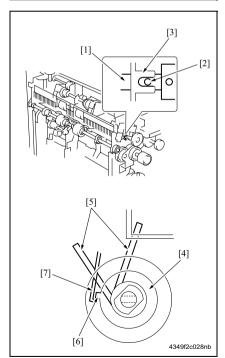
NOTE

- The Guide Plate /Up [10] has a cut in its edge, while the Guide Plate /Lw [11] has no cut. Be careful not to confuse one with the other.
- Be careful not to bend the Transparent Guide Plate.
- Reinstall the above parts following the removal steps in reverse.

3.3.13 Stacker Paddle Drive Clutch Assy







A. Removal Procedure

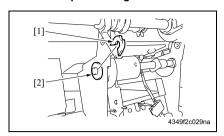
- 1. Remove the Lift Tray. (See P.13)
- Remove the Conveyance Unit. (See P.13)
- Remove the Conveyance Upper Cover. (See P.9)
- 4. Remove the E-ring [1].
- Loosen two hexagonal socket head screws [2], and remove the Stacker Paddle Drive Clutch Assy [3].
- 6. Reinstall the above parts following the removal steps in reverse.

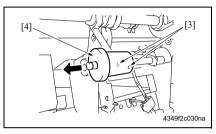
B. Note to reinstallation procedure of the Stacker Paddle Drive Clutch Assy

- Check that the 2-mm hole [2] of the stacker paddle drive shaft [1] and the cutout of the frame [3] are aligned and insert the Stacker Paddle Drive Clutch Assy [4] into the Stacker Paddle Drive Shaft [1].
- 2. Refer to the figure and check the paddle position [5].
- Hook the Solenoid Flapper [7] to the claw [6] of the Stacker Paddle Drive Clutch Assy [4].
- 4. Attach the E-ring.
- Adjust the spacing between the E-ring and the Stacker Paddle Drive Clutch Assy to 0.2 mm and tighten two hexagonal socket head screws.

MAINTENANCE

3.3.14 Paper Holding Paddle Drive Clutch Assy





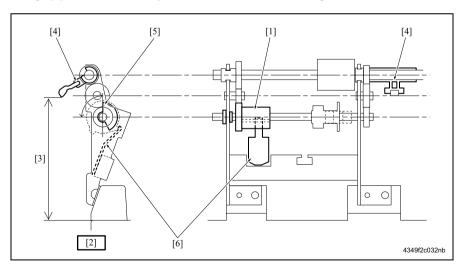
- A. Removal Procedure
- 1. Remove the Lift Tray. (See P.13)
- Remove the Conveyance Unit. (See P.13)
- Remove the Conveyance Upper Cover. (See P.9)
- 4. Remove the C-ring [1].
- 5. Remove the bearing [2].
- Loosen two hexagonal socket head screws [3], and remove the Paper Holding Paddle Drive Clutch Assy [4].
- 7. Reinstall the above parts following the removal steps in reverse.

B. Note to reinstallation Procedure of the Paper Holding Paddle Drive Clutch Assy

1. Insert the Paper Holding Paddle Drive Clutch Assy [1].

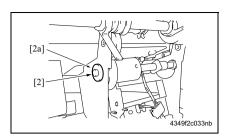
NOTE

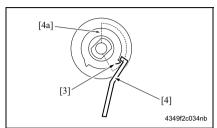
 When inserting the Paper Holding Paddle Drive Clutch Assy [1] into the shaft, move the Paper Holding Paddle [4] at the specified position [3], and be sure to install the edge [5] of Actuator in the position as shown in the drawing.

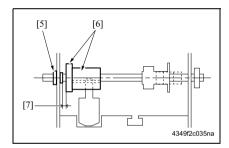


- [1] Paper Holding Paddle Drive Clutch Assy
- [2] Front side view
- [3] 107 ± 3mm

- [4] Paper Holding Paddle
- [5] Edge of Actuator
- [6] Solenoid Flapper







2. Install the bearing [2] and the C-ring [2a].

 Hook the Solenoid Flapper [4] to the claw [3] of the Paper Holding Paddle Drive Clutch Assy.

NOTE

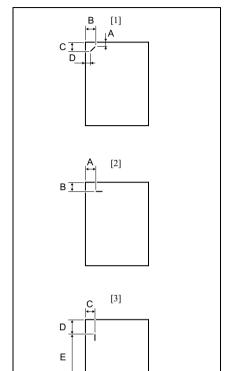
- Install the Paper Holding Paddle Drive Clutch Assy with the side having a wider spacing between the claws facing upward.
- When hooking the Solenoid Flapper [4], make sure that the edge of Actuator [4a] is vertical.
- Adjust the spacing [7] between the bushing [5] and the Paper Holding Paddle Drive Clutch Assy [6] to 0.2 mm and tighten two hexagonal socket head screws.

FS-522/PU-501/OT-602

ADJUSTMENT/SETTING

4. MECHANICAL ADJUSTMENT

4.1 Staple Position Adjustment



- 1. Set the staple and make a print.
- 2. Check the staple position of the paper.
- Slant one point Staple [1] (Paper Width: 216 to 297 mm) 279 to 297 mm: 45°, B5. B4: 30°

Measurement position	Specification	Adjustment range
A, C	4.4 mm	_
B, D	12.1 mm	+1 to -2mm

• Parallel one point Staple [2] (Paper Width: 182 to 216 mm)

Measurement position	Specification	Adjustment range
Α	4.5 mm	_
В	6 mm	+1 to -2mm

• Parallel two points Staple [3]

Measurement position	Specification	Adjustment range
C, F	6 mm	+1 to -2mm
D	Υ	_
E	Х	_

Y = (paper width-X-11) / 2

X = A3, A4: 137 mm

4349f3c001na

B4, B5: 114 mm A4S: 190 mm

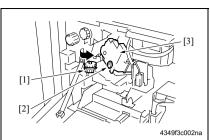
B5S: 162 mm

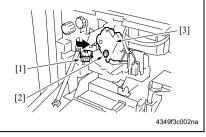
11 x 17, 8½ x 11: 119.4 mm

8½ x 11S: 196 mm

Substitute above into the equation.

If the staple position is misaligned, adjust with the following procedure.



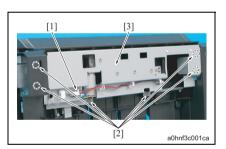


[4] 4349f3c003na

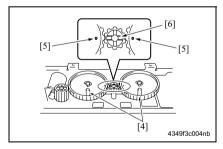
- 4. Open the Front Door.
- 5. Turn the knob [1], and move the stapler forward.
- 6. Loosen the screw [2], and remove the cover [3].

- 7. Loosen two adjustment screws [2] and move the Stapler Unit [3] in the direction of the arrow to make the adjustment.
- Make another print and check the staple position.

4.2 Adjustment of the Installation Position of the Shutter Drive Gear



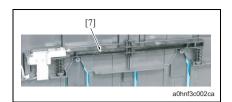
- 1. Remove the Lift Tray. (See P.13)
- 2. Remove the Connector [1] and six screws [2], and then remove the Shutter Drive Assy [3].



Set three gears.

NOTE

. When the Crank Pins [4] are the bottom position, set the gears so that the marks [5] on Gears 1 and 3 are aligned with the rib [6] of Gear 2 as shown on the left.

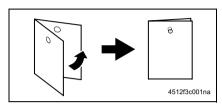


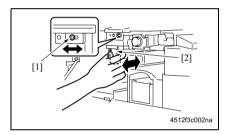
4. Reinstall the above parts following the removal steps in reverse.

NOTE

 When installing the Shutter Drive Assy, make sure to insert the two Crank Pins into the Slit of Shutter [7].

4.3 Punch Mis-centering Adjustment (PU-501)





- Set the copier into the Punch mode and make a 1-sided print from a 1-sided original.
- Fold the output paper in half and check whether the punch hole positions are aligned.
 Specification: 0 ± 2 mm
- 3. If the punch hole position is misaligned, adjust with the following procedure.
- Remove the Conveyance Front Cover /Lw.
 (See P.9)
- Loosen the adjustment screw [1], and move the Punch Unit [2] forward or backward to make the adjustment.
- Make another print and check the punch displacement.

ADJUSTMENT/SETTING

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SERVICE MANUAL

Field Service

FS-523/RU-507

Revision history

After publication of this service manual, the parts and mechanism may be subject to change for improvement of their performance.

Therefore, the descriptions given in this service manual may not coincide with the actual machine.

When any change has been made to the descriptions in the service manual, a revised version will be issued with a revision mark added as required.

Revision mark:

- To indicate clearly a section revised,
 \hat{\Lambda} is shown at the left margin of the revised section.

 The number inside
 \hat{\Lambda} represents the number of times the revision has been made.
- To indicate clearly a page that contains the revision, **\(\)** is shown near the page number of the corresponding page.

The number inside A represents the number of times the revision has been made.

NOTE

Revision marks shown in a page are restricted only to the latest ones with the old ones deleted.

- When a page revised in Ver. 2.0 has been changed in Ver. 3.0:
 The revision marks for Ver. 3.0 only are shown with those for Ver. 2.0 deleted.
- When a page revised in Ver. 2.0 has not been changed in Ver. 3.0: The revision marks for Ver. 2.0 are left as they are.

2008/05	1.0	_	Issue of the first edition
Date	Service manual Ver.	Revision mark	Descriptions of revision

CONTENTS

FS-523/RU-507

OI		

1. PF	RODUC	T SPECIFICATION1
1.1	FS-5	23
1.2		507
MAI	NTEN	ANCE
2. 0	THERS	t
2.1	Disa	ssembling and assembling list
2.2	Disa	ssembling and assembling procedure
	2.2.1	Removal/reinstallation of the upper cover6
	2.2.2	Removal/reinstallation of the front cover /Up
	2.2.3	Removal/reinstallation of the front cover /Lw
	2.2.4	Removal/reinstallation of the rear cover
	2.2.5	Removal/reinstallation of the punch unit
	2.2.6	Replacing the stapler unit
ADJ	USTN	MENT/SETTING
3. MI	ECHAN	IICAL ADJUSTMENT
3.1	Outp	out check mode
	3.1.1	Switches provided inside the board
	3.1.2	Output check mode
3.2	Adju	sting the punch hole position in the vertical direction
3.3	Adju	sting the solenoid
	3.3.1	Adjustment of the bypass gate solenoid (SD1)
	3.3.2	Adjustment of the main gate solenoid (SD2)27
3.4	Adju	sting the belt tension
	3.4.1	Adjustment of the timing belt of the conveyance motor /Up (M4)
	3.4.2	Adjustment of the timing belt of the conveyance motor /Lw (M2)
	3.4.3	Adjustment of the timing belt of the paper exit motor (M3)
3.5	Adju	sting the tray upper surface detection position
26	۸diu	ating the tray evalued detection level

ADJUSTMENT/SETTING

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■ OUTLINE

1. PRODUCT SPECIFICATION

1.1 FS-523

A. Type

Туре	Multi staple finisher	
Installation	Floor-mounted type	
Document alignment	Center	
Consumables	Staples	

B. Functions

Mode	Normal	Non-sort, sort, group, sort-staple
	Punch	Non-sort-punch, sort-punch, group-punch,
		sort-staple-punch

C. Type of paper

Maximum load capacity: (80 g/m²) when loaded with paper of the same size.

(1) Straight

Type of paper	Size of paper	Weight	Max. capacity	Exit tray	Max. number of
					sheets stapled
Plain paper	Inch:	60 to 90 g/m ²	250 sheets	Sub tray	_
Recycled paper	A3, A4, A4S				
Thick paper	11 x 17, 8½ x 14,	91 to 210 g/m ²	20 sheets		
Thin paper	8½ x 11, 8½ x 11S,	50 to 59 g/m ²	•		
OHP	8½ x 5½S, Foolscap Metric:	_	•		
transparencies	A3, B4, A4, A4S, B5,				
Envelope	B5S *2, A5S, B6S				
Label paper	11 x 17, 8½ x 11,				
Letterhead	81/2 x 11S, Foolscap,				
	8K *1, 16K *1, 16KS *1				

^{*1} Only supported in Taiwan.

^{*2} Supported in other than inch area and Taiwan.

(2) Non-sort, sort, group

	T = -				
Type of paper	Size of paper	Weight	Max. capacity	Exit tray	Max. number of
					sheets stapled
Plain paper	Inch:	50 to 210 g/m ²	3000 sheets	Main tray	_
Recycled paper	A3, A4, A4S		(A4S or smaller)		
	11 x 17, 8½ x 14, 8½ x 11,		1500 sheets		
Thick paper	81/2 x 11S, Foolscap		(B4 or larger)		
Thin paper	Metric:		(= : :: :: : : : : : : : : : : : : : : :		
	A3, B4, A4, A4S, B5,				
	B5S *2				
	11 x 17, 8½ x 11,				
	81/2 x 11S, Foolscap,				
	8K *1, 16K *1, 16KS*1				

^{*1} Only supported in Taiwan.

(3) Sort-staple, group-staple

Type of paper	Size of paper	Weight	Max. capacity	Exit tray	Max. number of
					sheets stapled
Plain paper Recycled paper	11 x 17, 8½ x 14, 8½ x 11, 8½ x 11S, Foolscap Metric: A3, B4, A4, A4S, B5, B5S *2 11 x 17, 8½ x 11,	60 to 90 g/m ²	3000 sheets (A4S or smaller) 1500 sheets (B4 or larger)	Main tray	50 sheets
	8½ x 11S, Foolscap, 8K *1, 16K *1, 16KS *1				

^{*1} Only supported in Taiwan.

(4) Punch

a. Metric/Swedish

Type of paper	Size of paper	Weight	Max. capacity	Exit tray	Max. number of
					sheets stapled
Plain paper	A3, B4, A4, A4S, B5,	60 to 90 g/m ²	_	Main tray	_
Recycled paper	8K *1, 16K *1			Sub tray	

^{*1} Only supported in Taiwan.

b. Inch 2 holes

Type of paper	Size of paper	Weight	Max. capacity	Exit tray	Max. number of
					sheets stapled
Plain paper	11 x 17, 8½ x 11,	60 to 90 g/m ²	_	Main tray	_
Recycled paper	8½ x 11S, 8½ x 14, 5½ x 8½S, Foolscap			Sub tray	

c. Inch 3 holes

Type of paper	Size of paper	Weight	Max. capacity	Exit tray	Max. number of
					sheets stapled
Plain paper	8½ x 11, 11 x 17	60 to 90 g/m ²	_	Main tray	_
Recycled paper				Sub tray	

^{*2} Supported in other than inch area and Taiwan.

^{*2} Supported in other than inch area and Taiwan.

D. Stapling

Staple filling method	Dedicated staple cartridge (5000 staples)				
Staple detection	Available (near empty: 20 rer	Available (near empty: 20 remaining staples)			
Staple position *1	Rear: Diagonal 45° 1 point	Metric: A3, B4, A4, B5			
	Front: Diagonal 45° 1 point	Inch: 8½ x 11, 11 x 17			
	Rear: Diagonal 28° 1 point Metric: B4, B5				
	Front: Diagonal 28° 1 point Inch: —				
	Rear: Parallel 1 point	Metric: A4S, B5S			
	Front: Parallel 1 point	Inch: 81/2 x 11S, 81/2 x 14			
	Side: 2 points Metric: A4, A4S, A3, B5, B5S, B4				
	Inch: 81/2 x 11, 81/2 x 11S, 81/2 x 14, 11 x 17				
Manual staple	None				

^{*1} In case of the 1-staple mode, conduct a parallel and a skew adjustment according to the length in the main scan direction.

Parallel: main scan direction 182 to 216 mm Diagonal: main scan direction 216 to 297 mm

E. Punch

No. of holes	Inch: 2 holes, 3 holes
	Metric: 4 holes
Punch scraps full detection	None

F. Maintenance

Maintenance	Same as the main body.
-------------	------------------------

G. Machine data

Power source	24V DC ± 10 % (supplied from the main body)
Power consumption	63 W or less
Dimensions	538 (W) x 637 (D) x 978 (H) mm
Weight	39.2 kg

H. Operating environment

Temperature	Same as the main body.
Humidity	Same as the main body.

Note

• The information herein may be subject to change for improvement without notice.

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1.2 RU-507

A. Type

Туре	Roller method relay conveyance unit	
------	-------------------------------------	--

B. Functions

Conveyance	Paper conveyance from the main body to FS

C. Type of paper

Paper size	Same as the main body.
Paper type	Same as the main body.
Amount of curling	b = 10 mm or less
(5 sheets)	h
	16fat1c001na

D. Maintenance

Maintenance	Same as the main body.

E. Machine data

Power source	$5.1V DC \pm 5 \%$ (supplied from main body)
Dimensions	430 (W) x 445 (D) x 445 (H) mm
Weight	Approx. 4.9 kg

F. Operating environment

Temperature	Same as the main body.
Humidity	Same as the main body.

Note

• The information herein may be subject to change for improvement without notice.

■ MAINTENANCE

2. OTHERS

2.1 Disassembling and assembling list

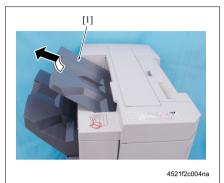
No.	Section	Part name	Page referred to
1	Cover	Upper cover	P.6
2		Front cover /Up	P.8
3		Front cover /Lw	P.9
4		Rear cover	P.10
5	Punch section	Punch unit	P.11
6	Staple section	Stapler unit	P.13

ANCE

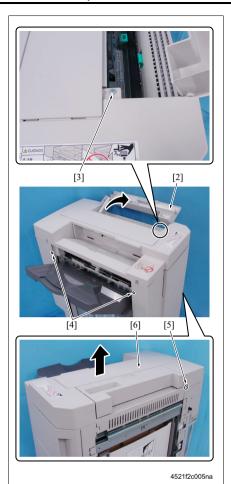
2.2 Disassembling and assembling procedure

2.2.1 Removal/reinstallation of the upper cover

A. Procedure

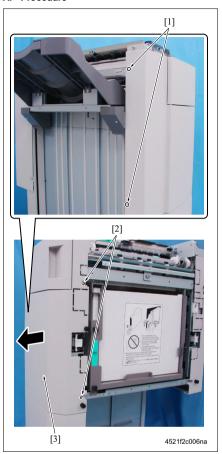


1. Remove the sub tray [1].



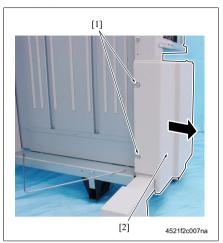
- 2. Open the upper door [2].
- 3. Remove the screw [3].
- 4. Loosen 2 screws [4].
- Loosen the screw [5] and remove the upper cover [6].
- 6. Reinstall the above parts following the removal steps in reverse.

2.2.2 Removal/reinstallation of the front cover /Up



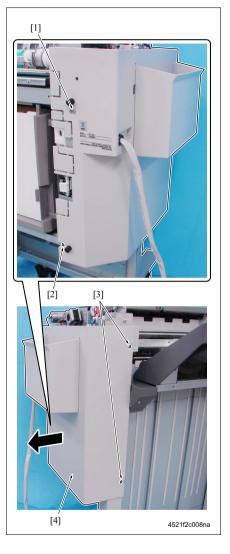
- 1. Loosen 2 screws [1].
- Loosen 2 screws [2] and remove the front cover /Up [3].
- 3. Reinstall the above parts following the removal steps in reverse.

2.2.3 Removal/reinstallation of the front cover /Lw



- Loosen 2 screws [1] and remove the front cover /Lw [2].
- 2. Reinstall the above parts following the removal steps in reverse.

2.2.4 Removal/reinstallation of the rear cover



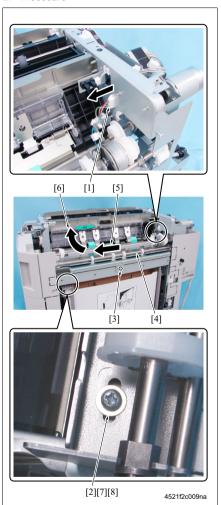
- 1. Remove the screw [1] and loosen the screw [2].
- 2. Loosen 2 screws [3] and remove the rear cover [4].
- 3. Reinstall the above parts following the removal steps in reverse.

2.2.5 Removal/reinstallation of the punch unit

A. Installation of the Swedish punch kit G

When installing the Swedish punch kit G, be sure to remove the existing punch unit and follow the procedure given below.

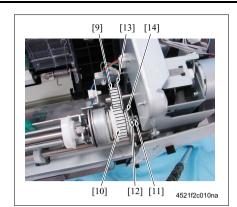
B. Procedure



- Remove the upper cover. (See P.6)
- 2. Remove the connector [1].
- Remove the screws [2] and [3]. After sliding the punch unit [4] in the arrow-marked direction [5], remove it in the arrow-marked direction [6].

Note

 The screw [2] is provided with the spacer [7] and the washer [8]. Be careful that they do not get lost.



Note

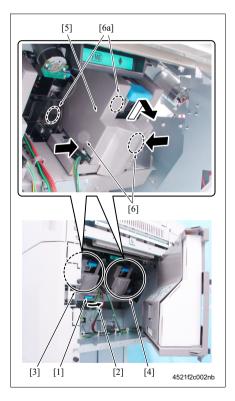
- When installing the punch unit, be sure to set the gear [9] of the main body to the gear [10] of the punch unit, and then insert the shaft [11] into the hole [12] of FS.
- When engaging the gears, be sure to engage them so that the gear flange [13] of the main body comes inside the gear flange [14] of the punch unit.
- 4. Reinstall the above parts following the removal steps in reverse.

2.2.6 Replacing the stapler unit

A. Procedure



1. Open the punch scraps box holder [1].



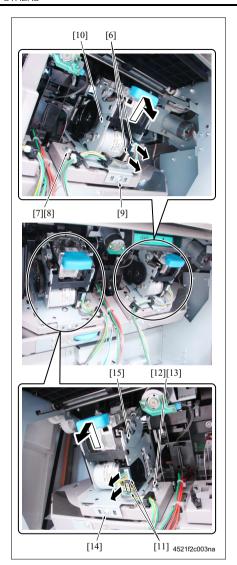
Rotate the dial [1] in the arrow-marked direction
 [2] to expand the intervals of the stapler units /Fr
 [3] and /Rr [4].

Note

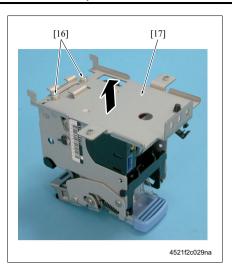
- After replacing the stapler units /Fr and /Rr, be sure to return these intervals to their original widths.
- 3. While pressing both sides [6] of each of the stapler unit covers [5], remove 2 stapler unit covers.

Note

- For each FS unit, 2 stapler units are provided.
 When replacing these 2 stapler units, they are replaced at the same time. So, be sure to remove both the covers.
- When installing the stapler unit covers, fit the claws [6a] into the holes of the plate.



- 4. Remove 2 connectors [6].
- 5. Remove the screw [7] and then remove the ground terminal [8].
- 6. Remove the screw [9] and then remove the stapler unit /Rr [10].
- 7. Remove 2 connectors [11].
- 8. Remove the screw [12] and then remove the ground terminal [13].
- 9. Remove the screw [14] and then remove the stapler unit /Fr [15].



- 10. Remove 2 screws [16] and then remove the plate [17], 1 each, from each of the stapler units.
- 11. Reinstall the above parts following the removal steps in reverse.

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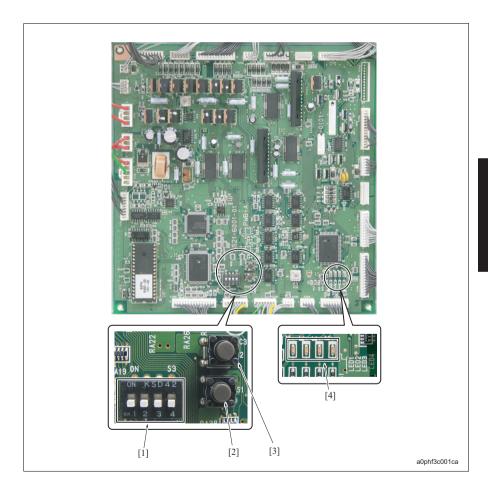
■ ADJUSTMENT/SETTING

3. MECHANICAL ADJUSTMENT

3.1 Output check mode

3.1.1 Switches provided inside the board

Test switch [1]	Dipswitch used for the mode setting of the output check mode. (All settings are off in the initial condition.)
Output check switch /1 [2]	Used to execute the output check mode.
Output check switch /2 [3]	
LED1 to 4 [4]	Display the conditions while in the output check mode.



3.1.2 Output check mode

- A. Setting of the output check mode.
- (1) Procedure for setting

Note

FS-523/RU-507

 Before executing the output check mode, be sure to remove the upper cover, the front cover /Up and the rear cover of FS in advance.

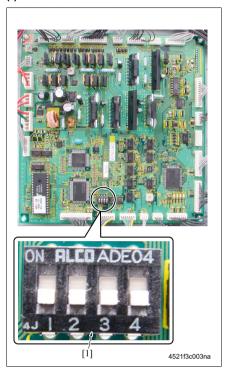
(See P.6, P.8, P.10)

 When removing the covers of FS, be sure to block the light that strikes on the front door sensor (PS17) and the upper door sensor (PS18).



- 1. Turn OFF the power switch (SW2) of the main body.
- Switch the test switch [1] to the output check mode. (See P.19)
- 3. Turn ON SW2.
- 4. The output check mode is set.

(2) Method for release



- 1. Turn OFF the power switch (SW2) of the main body.
- Set the test switch [1] to the initial condition (all OFF).
- 3. Turn ON SW2.

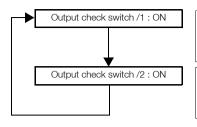
B. Types of the output check modes

Output check mode		Test switch				LED1 to 4			
	1	2	3	4	1	2	3	4	
Sub tray paper exit mode	ON	OFF	OFF	OFF	•	0	0	0	
Main tray paper exit mode	OFF	ON	OFF	OFF	0	•	0	0	
Alignment tray paper exit mode	ON	ON	OFF	OFF	•	•	0	0	
Shift operation mode	ON	OFF	ON	OFF	•	0	•	0	
Alignment plate operation mode	OFF	ON	ON	OFF	0	•	•	0	
Stapler unit CD movement mode	ON	ON	ON	OFF	•	•	•	0	
Paper exit roller release mode	OFF	OFF	OFF	ON	0	0	0	•	
Intermediate conveyance roller release mode	ON	OFF	OFF	ON	•	0	0	•	
Main tray operation mode	OFF	ON	OFF	ON	0	•	0	•	
Punch hole operation mode	ON	ON	OFF	ON	•	•	0	•	
Sensor output check mode	ON	OFF	ON	ON	The sensor conditions are displayed.				

• : Blink • : Off

C. Operation of each of the output check modes

(1) Sub tray paper exit mode



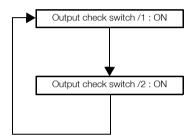
The motor and the solenoid turn ON.

- Entrance conveyance motor (M1)
- Conveyance motor /Up (M4)
 Bypass gate solenoid (SD1)
- Main gate solenoid (SD2)

The motor and the solenoid turn OFF.

- Entrance conveyance motor (M1)
- Conveyance motor /Up (M4)
- Bypass gate solenoid (SD1)
- Main gate solenoid (SD2)

(2) Main tray paper exit mode



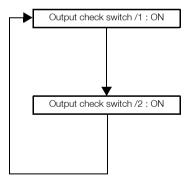
The motor turns ON.

- Entrance conveyance motor (M1)
- Conveyance motor /Lw (M2)
- Paper exit motor (M3)
- Shift motor (M8)

The motor turns OFF.

- Entrance conveyance motor (M1)
- Conveyance motor /Lw (M2)
- Paper exit motor (M3)
 Shift motor (M8)

(3) Alignment tray paper exit mode



The motor and the solenoid turn ON.

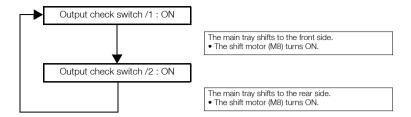
Entrance conveyance motor (M1)

- Conveyance motor /Up (M4)
- Conveyance motor /Lw (M2)
- Paper exit motor (M3)
- Bypass gate solenoid (SD1)
- Paddle motor /Up (M15)
- Paper exit roller release motor (M13)

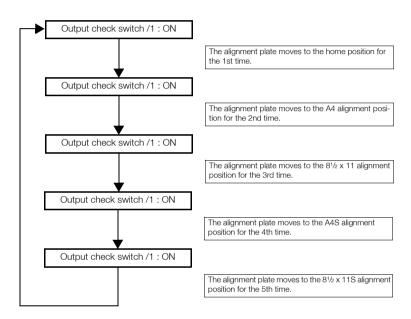
The motor and the solenoid turn OFF.

- Entrance conveyance motor (M1)
- Conveyance motor /Up (M4)
- Conveyance motor /Lw (M2)
- · Paper exit motor (M3)
- Bypass gate solenoid (SD1)
- Paddle motor /Up (M15)
- Paper exit roller release motor (M13)

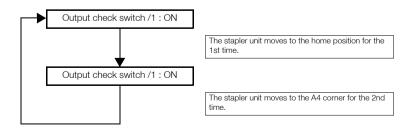
(4) Shift operation mode



(5) Alignment plate operation mode



(6) Stapler unit CD moving mode

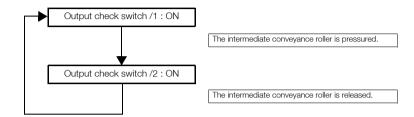


(7) Paper exit roller release mode

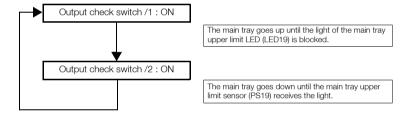
Output check switch /1 : ON Output check switch /2 : ON

The paper exit roller is in the pressure/release operation

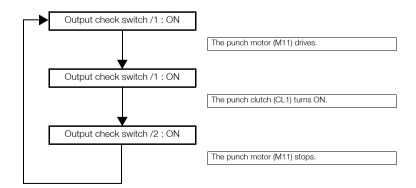
(8) Intermediate conveyance roller release mode



(9) Main tray operation mode



(10) Punch hole operation mode

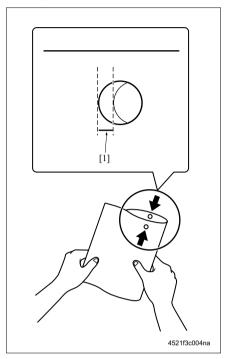


(11) Sensor output check mode

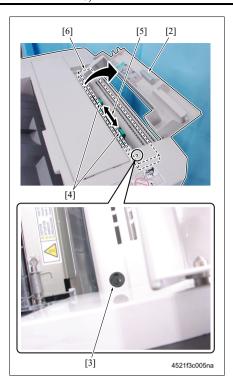
Sensor	Status	LED			
		1	2	3	4
Main tray upper limit sensor (PS19)	Light pass through	0	0	0	•
Intermediate conveyance sensor (PS3)	Light blocked	0	0	•	0
Bypass route conveyance sensor (PS2)	Light blocked	0	•	0	0
Main route conveyance sensor (PS4)	Light blocked	•	0	0	0

●: On O: Off

3.2 Adjusting the punch hole position in the vertical direction



- 1. Set the punch hole mode, and make a copy in the single sided original -> single sided print mode.
- Fold the copy exited into two and check the position of the punch holes to see if the discrepancy "A" [1] is 2 mm or less.
- 3. When "A" is in excess of 2 mm, adjust the punch hole position in the vertical direction.

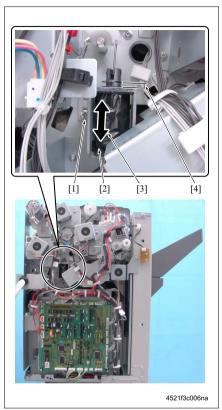


- 4. Open the upper door [2].
- Loosen the screw [3] and move the handle [4] in the arrow-marked direction [5] to adjust the position of the punch unit [6].
- 6. Repeat steps 1 and 2 and check the punch holes to see if the discrepancy "A" is 2 mm or less.
- 7. When "A" is in excess of 2 mm, repeat steps 3 to 6 until "A" gets inside 2 mm.

3.3 Adjusting the solenoid

3.3.1 Adjustment of the bypass gate solenoid (SD1)

A. Procedure

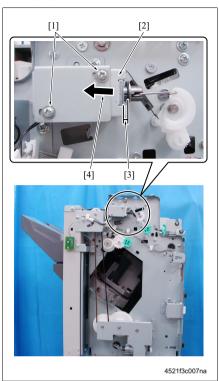


- Remove the upper cover. (See P.6)
- 2. Remove the rear cover. (See P.10)
- 3. Loosen the screw [1].
- 4. Move the bypass gate solenoid (SD1) [2] in the arrow-marked direction [3] and tighten the screw [1] when the length of "A" [4] comes to the specified value.

Specified value "A" = 4.4 mm

3.3.2 Adjustment of the main gate solenoid (SD2)

A. Procedure



- 1. Remove the upper cover.
 - (See P.6)
- 2. Remove the front cover /Up.
 - (See P.8)
- 3. Loosen 2 screws [1].
- 4. Move the main gate solenoid (SD2) [2] and tighten the 2 screws [1] when the length of "A" [3] comes to the specified value.

Note

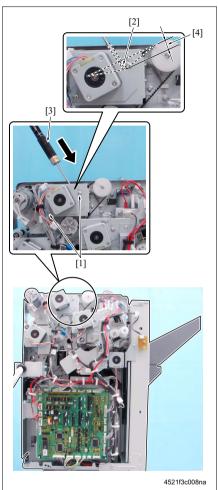
 With the plunger of SD2 pressed in the arrowmarked direction [4] in advance, be sure to adjust the clearance with no play.

Specified value "A" = 3.6 mm

3.4 Adjusting the belt tension

3.4.1 Adjustment of the timing belt of the conveyance motor /Up (M4)

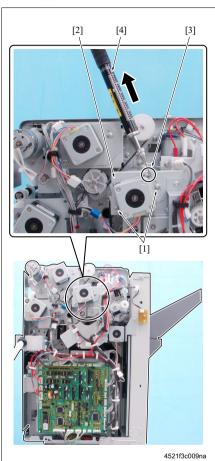
A. Procedure



- Remove the upper cover. (See P.6)
- 2. Remove the rear cover. (See P.10)
- 3. Loosen 2 screws [1].
- 4. Press the timing belt at the center section [2] with a spring balance [3] from above. And when the amount of the deflection [4] comes to 4 mm, tighten 2 screws [1] at the position in which the scale of the spring balance points to the specified value "A."

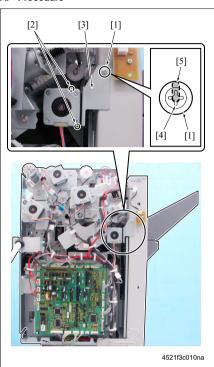
Specified value "A" = $200 \pm 100 \text{ gf}$

3.4.2 Adjustment of the timing belt of the conveyance motor /Lw (M2)



- 1. Remove the upper cover.
 - (See P.6)
- 2. Remove the rear cover /Up.
 - (See P.10)
- 3. Loosen 2 screws [1].
- 4. Pull the square hole [3] provided on the conveyance motor /Lw mounting plate [2] with the spring balance [4] and tighten 2 screws [1] at the position in which the scale of the spring balance points to the specified value "A."
 - Specified value "A" = 800 ± 50 gf

3.4.3 Adjustment of the timing belt of the paper exit motor (M3)

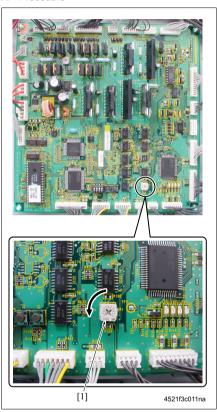


- 1. Loosen the screw [1] and 2 screws [2].
- 2. Tighten the screw [1] and 2 screws [2] at the position [5] in which the external form of the screw [1] and that of the oblong hole [4] provided on the paper exit motor mounting plate [3] coincide each other.

3.5 Adjusting the tray upper surface detection position

This adjustment is made when replacing the FS control board (FSCB), or the main tray upper limit LED (LED19) or the main tray upper limit sensor (PS19).

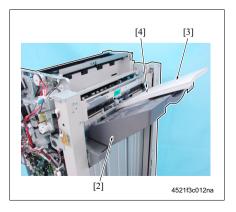
A. Procedure



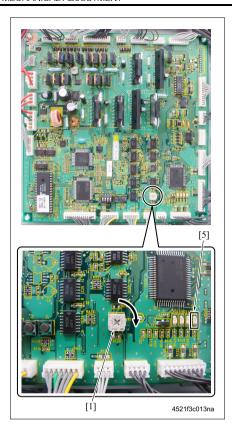
 Set the output check mode "Sensor output check mode."

(See P.17)

Rotate VR1 [1] provided on the FS control board (FSCB) up to the limit counterclockwise.



 Place the paper [3] on the main tray [2] to block the light of the main tray upper limit LED (LED19) [4].



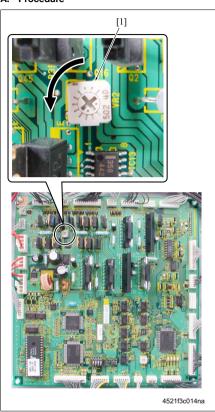
 Check to see if LED4 [5] on FSCB turns OFF from ON. If it is left ON, rotate VR1 [1] slowly clockwise and stop the rotation of VR1 at the position in which LED4 turns OFF.

FS-523/RU-507

3.6 Adjusting the tray overload detection level

This adjustment is made when replacing the FS control board (FSCB) or replacing the tray lift motor (M7).

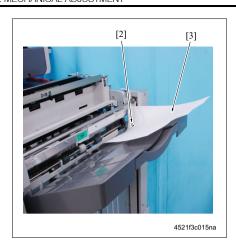
A. Procedure



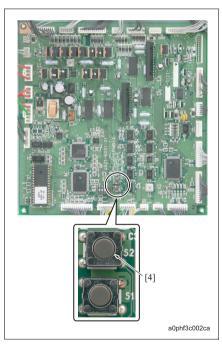
 Set the output check mode "Main tray operation mode."

(See P.17)

2. Rotate VR2 [1] on the FS control board (FSCB) counterclockwise up to the limit.

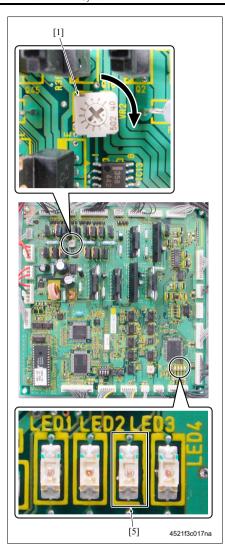


3. Place the paper [3] to block the light of the main tray upper limit LED (LED19) [2].



4. Press the output check switch /2 [4] to bring down the main tray.

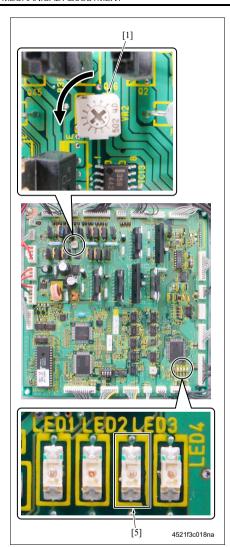
FS-523/RU-507



- 5. Load 1500 sheets of A3 paper (80 g/m²) on the main tray.
- 6. Remove the paper that was put in step 3 to block the light and let the light of LED19 pass through.

Note

- When letting the light of LED19 pass through, the main tray starts to go up. Be sure to conduct the following steps 7 and 8 while in the up drive of the main tray.
- While in the up drive of the main tray, rotate VR2
 [1] on FSCB clockwise.
 LED3 [5] on FSCB turns ON.



 When LED3 [5] on FSCB turns ON, rotate VR2 [1] counterclockwise, and stop VR2 at the position in which LED3 changes to OFF from ON.



SERVICE MANUAL

SD-507 (bizhub 501/421/361)

Revision history

After publication of this service manual, the parts and mechanism may be subject to change for improvement of their performance.

Therefore, the descriptions given in this service manual may not coincide with the actual machine.

When any change has been made to the descriptions in the service manual, a revised version will be issued with a revision mark added as required.

Revision mark:

- To indicate clearly a section revised, \bigwedge is shown at the left margin of the revised section. The number inside \bigwedge represents the number of times the revision has been made.
- To indicate clearly a page that contains the revision, **\(\)** is shown near the page number of the corresponding page.

The number inside **\(\Lambda \)** represents the number of times the revision has been made.

NOTE

Revision marks shown in a page are restricted only to the latest ones with the old ones deleted.

- When a page revised in Ver. 2.0 has been changed in Ver. 3.0:
 The revision marks for Ver. 3.0 only are shown with those for Ver. 2.0 deleted.
- When a page revised in Ver. 2.0 has not been changed in Ver. 3.0:
 The revision marks for Ver. 2.0 are left as they are.

2008/05	1.0	_	Issue of the first edition	
Date	Service manual Ver.	Revision mark	Descriptions of revision	

CONTENTS

SD-507

4.1

4.2

OUTLIN	NE	
1. PR	ODUCT SPECIFICATIONS	
MAINT	ENANCE	
2. PE	RIODIC CHECK3	3
2.1 M	laintenance procedure3	3
2.1.1	Cleaning of the Rollers	3
3. OT	HER4	ļ
3.1 D	isassembly/Adjustment prohibited items4	ļ
3.2 D	isassembling and assembling list5	;
3.3 D	isassembling and assembling procedure5	;
3.3.1	Paper Output Tray/Front Cover5	;
3.3.2	Rear Cover6	j
3.3.3	Upper Cover6	j
3.3.4	Saddle Unit7	,
3.3.5	Folding Unit	}
3.3.6	Stapler Unit)
3.3.7	Paper Guide Motor (M13)14	ļ
3.3.8	Folding Roller18	
ADJUS	TMENT/SETTING	
4. ME	CHANICAL ADJUSTMENT29)

Fold Skew Adjustment29

Center Staple Skew Adjustment30

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OUTLINE

PRODUCT SPECIFICATIONS

A. Type

Туре	pe FS built-in saddle-stitching device	
Installation	Screwed to the FS	
Document Alignment	Center	
Stapling Function	Center parallel two points No. of sheets to be stapled together: 2 to 15	
Consumables	Staples (2000 staples/cartridge)	

B. Paper type

Туре	Plain Paper, Recycled paper	56 to 90 g/m ²
Size	Metric: A3, B4, A4S, B5S *2, 11 x 17, 8½ x 11S, Foolscap, 8K *1, 16KS *1 Inch: 11 x 17, 8½ x 14, 8½ x 11S, A3, A4S, Foolscap	
Capacity	200 sheets or 20 copies	

^{*1:} Only supported in Taiwan.

C. Maintenance

Maintenance	Same as the main body.

D. Machine specifications

Power Requirements	24/5V DC (supplied from FS)
Power Consumption	9.5 W or less
Dimensions	445 (W) x 478 (D) x 203 mm (H)
Weight	Approx. 9.3 kg

E. Operating environment

Temperature	Same as the main body.
Humidity	Same as the main body.

NOTE

• The information herein may be subject to change for improvement without notice.

^{*2:} Supported in other than inch area and Taiwan.

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MAINTENANCE

2. PERIODIC CHECK

2.1 Maintenance procedure

NOTE

 The alcohol described in the cleaning procedure of Maintenance represents the isopropyl alcohol.

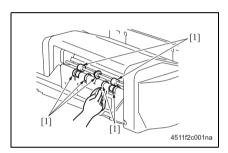
2.1.1 Cleaning of the Rollers

A. Periodic cleaning cycle

• Various Rollers : Every 250,000 prints *1

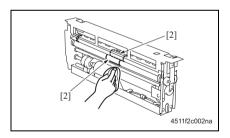
: Every 225,000 prints *2

*1 501/421 *2 361



 Using a soft cloth dampened with alcohol, wipe the Roller [1].

Remove the Folding Unit. (See P.8)



3. Using a soft cloth dampened with alcohol, wipe the Roller [2].

3. OTHER

3.1 Disassembly/Adjustment prohibited items

- A. Screws to which blue paint or green paint is applied
- Blue paint or green paint is applied to some screws to prevent them from coming loose.
- As a general rule, screws to which blue paint or green paint is applied should not be removed or loosened.

B. Red-painted screws

 Do not remove or loosen any of the red-painted screws in the field. It should also be noted that, when two or more screws are used for a single part, only one representative screw may be marked with the red paint.

C. Variable Resistors on Board

NOTE

 Do not turn the variable resistors on boards for which no adjusting instructions are given in ADJUSTMENT/SETTING.

D. Removal of Boards

⚠ Caution

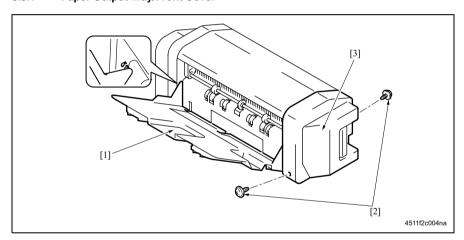
- When removing a circuit board or other electrical component, refer to "SAFETY AND IMPORTANT WARNING ITEMS" and follow the corresponding removal procedures.
- The removal procedures given in the following omit the removal of connectors and screws securing the circuit board support or circuit board.
- When it is absolutely necessary to touch the ICs and other electrical components on the board, be sure to ground your body.

3.2 Disassembling and assembling list

No.	Section	Part name	Ref.Page
1	Paper Output Tray	Paper Output Tray	P.5
2		Front Cover	P.5
3	Cover	Upper Cover	P.6
4		Rear Cover	P.6
5	Unit	Saddle Unit	P.7
6		Folding Unit	P.8
7		Stapler Unit	P.9
8	Others	Paper Guide Motor (M13)	P.14
9		Folding Roller	P.18

3.3 Disassembling and assembling procedure

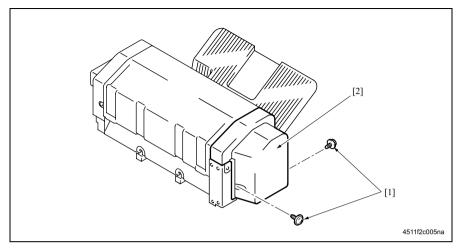
3.3.1 Paper Output Tray/Front Cover



- 1. Align the cutout and remove the Paper Output Tray [1].
- 2. Remove two screws [2], and remove the Front Cover [3].
- 3. Reinstall the above parts following the removal steps in reverse.

SD-507

3.3.2 Rear Cover

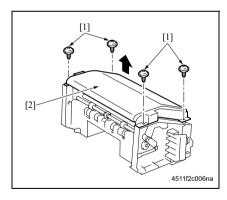


- 1. Remove two screws [1], and remove the Rear Cover [2].
- 2. Reinstall the above parts following the removal steps in reverse.

3.3.3 Upper Cover

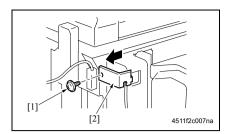
- 1. Remove the Front Cover.
 - (See P.5)
- 2. Remove the Rear Cover.

(See P.6)

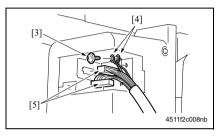


- 3. Remove four screws [1], and remove the Upper Cover [2].
- 4. Reinstall the above parts following the removal steps in reverse.

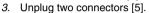
3.3.4 Saddle Unit

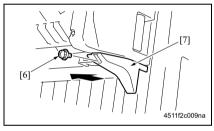


1. Remove the screw [1], and remove the Connector Cover [2].

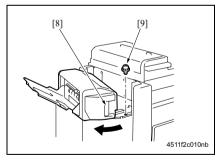


2. Remove the screw [3], and remove the two Ground Terminals [4].

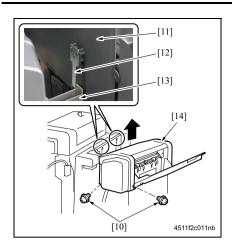




4. Remove the screw [6], and remove the Front Cover /Lw [7].



- 5. Pull the Lock Release Lever [8], and open the Saddle Unit.
- 6. Remove the screw [9], and close the Saddle Unit.



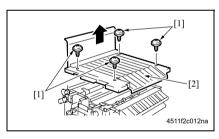
- 7. Remove two screws [10].
- Pull up the Shutter [11], remove the two Claws [12] from the hole [13] and remove the Saddle Unit [14].
- 9. Reinstall the above parts following the removal steps in reverse.

3.3.5 Folding Unit

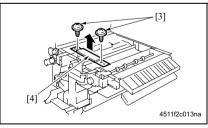
- 1. Remove the Saddle Unit.
 - (See P.7)
- 2. Remove the Lift Tray.

(See P.13 in "Field Service FS-522/PU-501/OT-602")

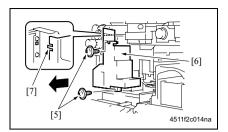
 Remove the Horizontal Conveyance Unit. (See P.13 in "Field Service FS-522/PU-501/OT-602")

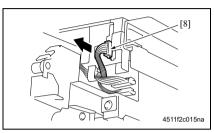


4. Remove four screws [1], and remove the Horizontal Conveyance Upper Cover [2].



5. Remove two screws [3], and remove the Reinforcement Plate [4].

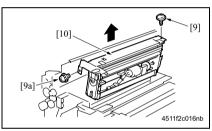




 Remove two screws [5], and remove the Horizontal Conveyance Front Cover /Lw [6].

NOTE

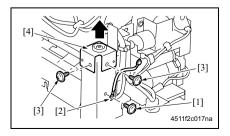
- At reinstallation, first fit the claw [7] into position.
- 7. Unplug the connector [8].



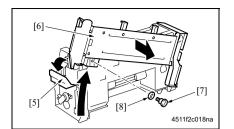
- Remove the Shoulder Screw [9] and the screw [9a], and remove the Folding Unit [10].
- 9. Reinstall the above parts following the removal steps in reverse.

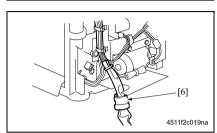
3.3.6 Stapler Unit

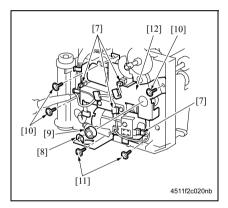
- Remove the Saddle Unit. (See P.7)
- 2. Remove the Paper Output Tray. (See P.5)
- 3. Remove the Front Cover. (See P.5)
- 4. Remove the Rear Cover. (See P.6)
- 5. Remove the Upper Cover. (See P.6)



- 6. Remove the screw [1], and remove the ground terminal [2].
- 7. Remove two screws [3], and remove the holder [4].

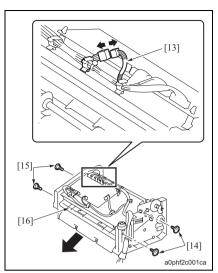




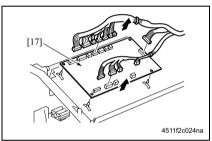


- Release the Lock Release Lever [5], and slide the Saddle Unit Mounting Plate [6].
- Remove the screw [7] and the Washer [8], and remove the Saddle Unit Mounting Plate [6].
- Remove the Harness Clamp [6] from the Metal Plate.

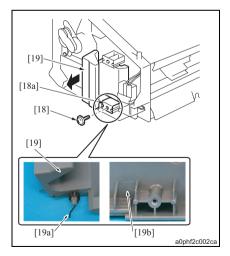
- 11. Unplug four connectors [7].
- 12. Remove the C-ring [8], and remove the bearing [9].
- Remove three screws [10] and two screws [11], and remove the Drive Unit [12].



- 14. Unplug the connector [13].
- 15. Remove two screws [14] and two screws [15].
- 16. Remove the Tray [16].



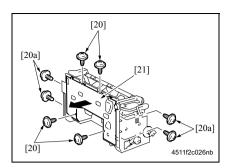
- 17. Unplug all the connectors on the SD Control Board (SDCB) [17].
- 18. Remove the Board Support, and then remove the SDCB.



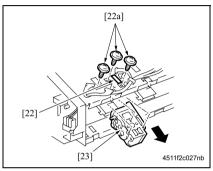
 Remove the screw [18], and then remove the Mounting Bracket [18a] and the Lock Release Lever [19].

NOTE

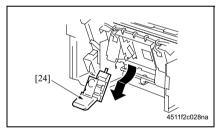
- Be careful that when the Mounting Bracket [18a] is removed, the spring [19a] is also removed.
- When installing the spring, install the end of spring [19a] into the gap [19b] between the ribs.



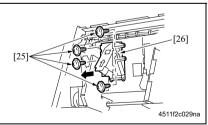
 Remove four screws [20] and four screws [20a], and remove the Lower Cover [21].



- 21. Remove the harness clamp and unplug the connector [22].
- 22. Remove three screws [22a], and remove the Clincher /1 [23].



23. Remove the Staple Cartridge /1 [24].



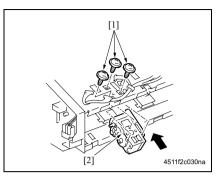
 Remove four screws [25], unplug the connector, and remove the Stapler /1 [26].

NOTE

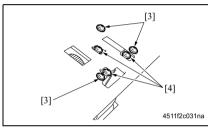
- To replace Clincher /2 and Stapler /2, repeat steps 21 to 24.
- 25. Reinstall the above parts following the removal steps in reverse.

Precaution for Clincher Reinstallation

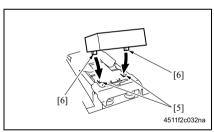
 When the Clincher is installed, the position of the Stapler and the Clincher will be misaligned. Be sure to perform the following adjustment.



- 1. Install the Stapler, and then install the Staple Cartridge.
- Use three screws [1] to temporary fix the Clincher [2].



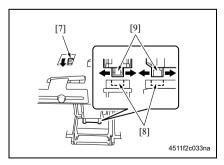
- 3. Loosen three screws [3] of the stopper.
- 4. Loosen three screws [4] of the Clincher.



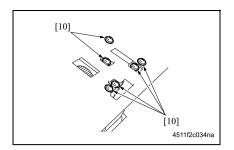
Aligning the protrusions of the jig [6] with the recesses in the Stapler [5], fit the jig to the Stapler.

NOTE

 Make sure that the protrusions of the jig properly rest in the recesses.



 Turn the gear [7] of the Clincher to project the protrusions [9] of the Clincher, and then slide to put into the Clincher as it fits into the recesses [8] of the jig.



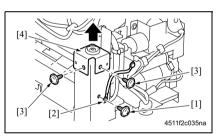
7. Tighten six screws [10].

NOTE

- Turn the gear again and check to see that the protrusion of the Clincher smoothly fits into the recess in the jig.
- 8. Turn the gear and remove the jig.

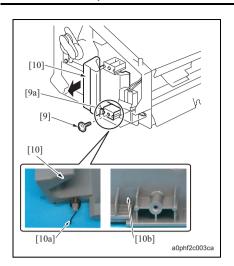
3.3.7 Paper Guide Motor (M13)

- 1. Remove the Saddle Unit. (See P.7)
- 2. Remove the Paper Output Tray. (See P.5)
- 3. Remove the Front Cover. (See P.5)
- Remove the Rear Cover. (See P.6)
- 5. Remove the Upper Cover. (See P.6)



[6] [7] [8] 4511[2c036na

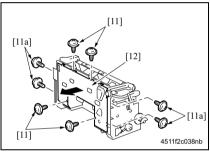
- 6. Remove the screw [1], and remove the ground terminal [2].
- Remove two screws [3], and remove the holder [4].
- 8. Release the lock release lever [5], and slide the Saddle Unit Mounting Plate [6].
- Remove the screw [7] and the washer [8], and remove the Saddle Unit Mounting Plate [6].



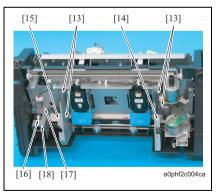
 Remove the screw [9], and then remove the Mounting Bracket [9a] and the Lock Release Lever [10].

NOTE

- Be careful that when the Mounting Bracket [9a] is removed, the spring [10a] is also removed.
- When installing the spring, install the end of spring [10a] into the gap [10b] between the ribs.

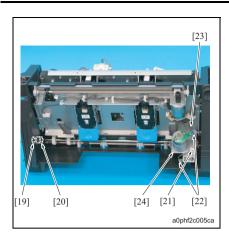


 Remove four screws [11] and four screws [11a], and remove the Lower Cover [12].

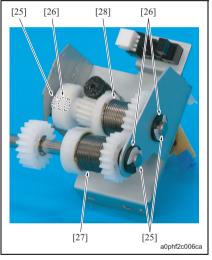


- 12. Remove four screws [13], and remove the plate [14] and [15].
- 13. Unplug the connector [16] and remove the screw [17], and then remove the Paper Guide Gear Assy [18].

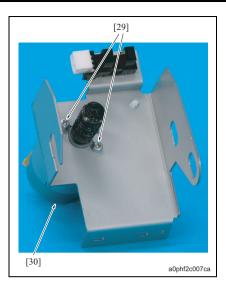
SD-507



- 14. Remove the C-ring [19], and remove the bearing [20].
- 15. Remove the Wire Saddle [21], and unplug two connectors [22]. Remove the screw [23], and remove the Paper Guide Motor Assy [24].

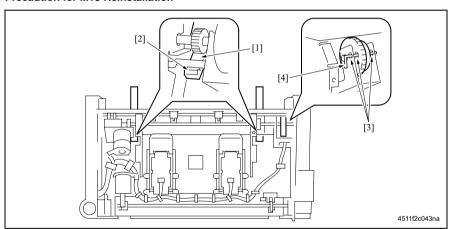


- 16. Remove three C-rings [25], and remove three bearings [26].
- 17. Remove the Clutch Gear Drive Shaft [27], and remove the Clutch Gear Assy [28].



- Remove two screws [29], and then remove the Paper Guide Motor M13 [30].
- 19. Reinstall the above parts following the removal steps in reverse.

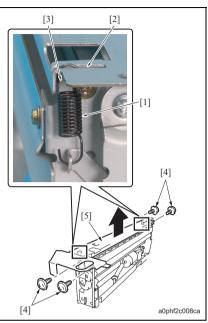
Precaution for M13 Reinstallation



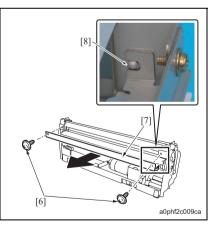
- Press the two Paper Guides [1] in and check that they touch the stopper [2] simultaneously.
- Check that pins [4] can be inserted through the positioning holes [3] (3 holes) of the Paper Guide Sensor Assy.

3.3.8 Folding Roller

 Remove the Folding Unit. (See P.8)



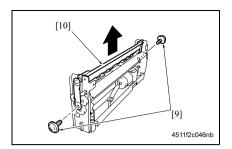
- 2. Remove the two springs [1].
- NOTE
- When reinstalling the spring, put it through the hole [2] with the end [3] faced out side.
- 3. Remove four screws [4] and then remove the Upper Plate [5].



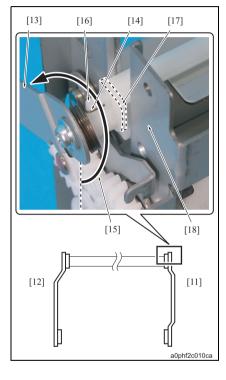
4. Remove two screws [6], and remove the Guide Plate [7].

NOTE

• When reinstalling the Guide Plate, put it into the boss [8].

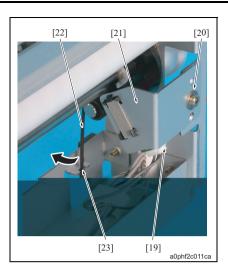


5. Remove two screws [9], and remove the Folding Blade Assy [10].



NOTE

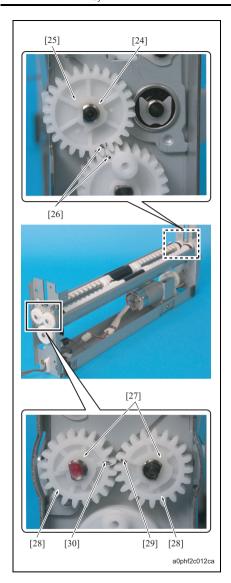
- Install the Folding Blade Assy in the direction shown in the left figure.
 [11] Front
 [12] Rear
- Be sure to rotate the Crank Arm [13] one turn in counter clockwise [15] (as seen from the front of device) from the position that the spring [14] doesn't work (the spring hangs down vertical), and then install the Folding Blade Assy in the position that the spring can hook the Stopper [16].
- Be sure to install the edge [17] of Blade Support comes outside of the metal plate [18].



- Unplug the connector [19] and remove the screw [20], and then remove the sensor [21].
- 7. Release the spring [22].

NOTE

• When reinstalling the spring [22], insert the recess [23].



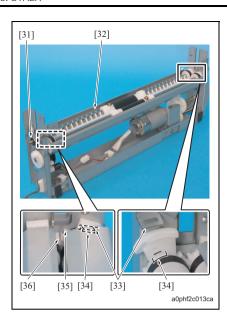
8. Remove the C-ring [24] and remove the gear [25].

NOTE

- Install the gear [25] so that the marks [26] of gear are aligned to the position shown in the left figure.
- 9. Remove two C-rings [27] and then remove the two gears [28].

NOTE

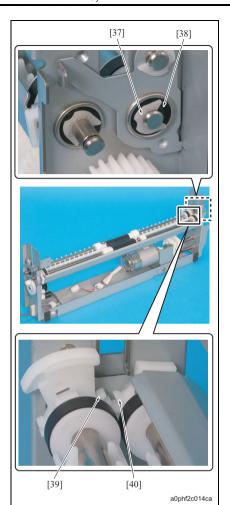
 Install the gears [28] so that the mark [29] of Folding Roller /Rt comes half tooth above the mark [30] of Folding Roller /Lt.



10. Remove the bearing [31], and remove the Lower Guide Plate /Lt [32].

NOTE

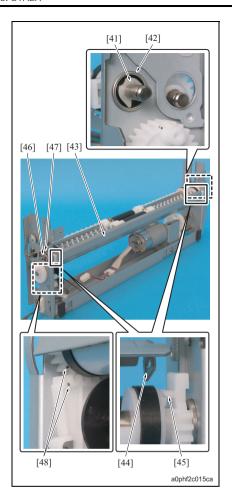
- Install the Lower Guide Plate /Lt [32] so that the claw [34] of Guide Plate Gear make sure to put into the hole [33].
- Install the bearing [31] so that the last tooth [35] of Guide Plate Gear /LtFr comes half tooth above the last tooth [36] of Guide Plate Gear /RtFr.



11. Remove the C-ring [37], and remove the bearing [38].

NOTE

 Install the bearing [38] so that the last tooth [39] of Guide Plate Gear /LtRr comes half tooth above the last tooth [40] of Guide Plate Gear /RtRr.



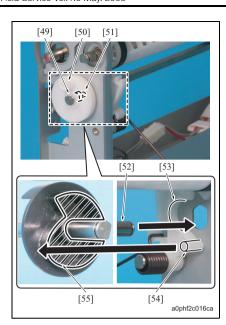
Remove the C-ring [41] and the bearing [42], and remove the Lower Guide Plate /Rt [43].

NOTE

- Install the Lower Guide Plate /Rt [43] so that the claw [45] of Guide Plate Gear make sure to put into the hole [44].
- 13. Remove the C-ring [46] and the bearing [47].

NOTE

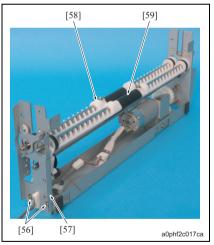
• Install the bearing [47] so that the marks [48] are aligned.



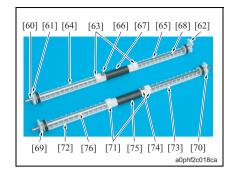
14. Remove the C-ring [49], and remove the Crank Plate [50] and the bearing [51].

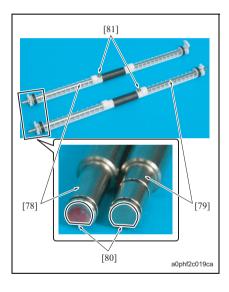
NOTE

 When reinstalling it, insert the Crank Shaft [52] into the recess [53] of Guide Gear Plate. And, be sure not to insert the Cam pin [54] into the Cam [55].



- 15. Remove two screws [56], and remove the Side Plate [57].
- 16. Remove the Folding Roller Assy /Lt [58] and the Folding Roller Assy /Rt [59].

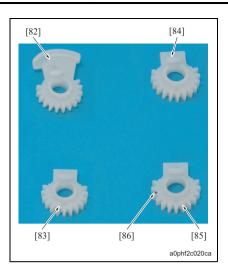




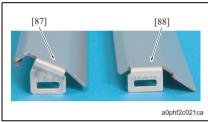
- 17. Remove the two washers [60] and the Guide Plate Gear /LtFr [61], and remove the Guide Plate Gear /LtRr [62].
- 18. Remove two C-rings [63], and remove the Folding Roller A [64] and C [65].
- Remove the screw [66], and remove the Folding Roller B [67] from the Folding Roller Shaft /Lt [68].
- 20. Remove the Guide Plate Gear /RtFr [69] and the Guide Plate Gear /RtRr [70].
- 21. Remove two C-rings [71], and remove the Folding Roller A [72] and C [73].
- Remove the screw [74], and remove the Folding Roller B [75] from the Folding Roller Shaft /Rt [76].
- 23. Reinstall the above parts following the removal steps in reverse.

NOTE

- There is 1 each a groove of the both ends of the Folding Roller Shaft /Lt [78]. However there is 2 each a groove of the both ends of the Folding Roller Shaft /Rt [79]. Be careful not to confuse one with the other.
- Be sure to place it with the D-cut [80] down, and install the screw [81] from the top.
- Be sure to install the Folding Roller Shaft so that the screw of Folding Roller Shaft /Lt [78] faced to the front side of device and the screw of Folding Roller Shaft /Rt [79] faced to the rear side of device.



 Be careful not to confuse the Guide Plate Gear /LtRr [82], /LtFr [83], /RtRr [84] and /RtFr [85]. The outward appearance is identical for the Guide Plate Gear /LtFr [83], /RtRr [84] and /RtFr [85]. However, the mark [86] is provided on the Guide Plate Gear /RtFr [85]. Install claw in facing.



Be careful not to confuse the directions of Lower Guide Plate /Lt [87] and /Rt [88]. Be sure to install the direction (as seen from the front of device) as shown in the figure.

SD-507

■ ADJUSTMENT/SETTING

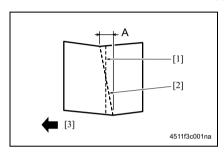
4. MECHANICAL ADJUSTMENT

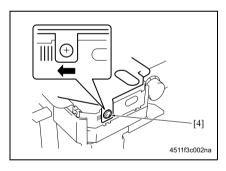
4.1 Fold Skew Adjustment

NOTE

Make this adjustment after any of the following procedures has been performed.

- · When the Folding Unit has been replaced.
- · When skew occurs in the crease.
- 1. Enter the Half-fold mode and make a copy. (A3 or 11 x 17 Size)





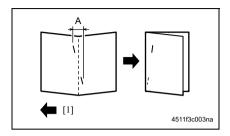
- 2. Fold the output paper along the crease [2].
- Fold the output paper and measure the width A of the paper.
 Specification: 0 ± 1.5 mm
- If the fold position is skewed as shown on the left, make the following adjustment.
- [1] Center
- [2] Crease
- [3] Exit direction
- Open the Front Door, loosen the adjustment screw [4], and move the Folding Unit to the left to make the adjustment. Graduated in 1 mm divisions
- If the fold position is skewed opposite to the figure of step 4, move the Folding Unit to the right to make the adjustment.
- Make another copy and check the fold position.

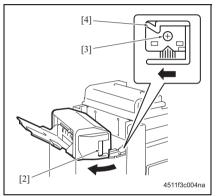
4.2 Center Staple Skew Adjustment

NOTE

Make this adjustment after any of the following procedures has been performed.

- · When Staple Unit 1 or 2 has been replaced.
- When skew occurs in the position of the center staple.





- Set to Fold & Staple mode and make a copy. Measure the width A of the paper. Specification: 0 ± 1.5 mm
- If the staple position is skewed as shown on the left, make the following adjustment.
- [1] Exit direction
- Release the lock release lever [2] of the Saddle Unit.
- Loosen the adjustment screw [3] and move the lock member [4] to the left to make the adjustment.
- If the staple position is skewed opposite to the figure of step 2, move the lock member to the right to make the adjustment
- 5. Make another copy and check the staple position.



SERVICE MANUAL

MT-502 (bizhub 501/421/361)

Revision history

After publication of this service manual, the parts and mechanism may be subject to change for improvement of their performance.

Therefore, the descriptions given in this service manual may not coincide with the actual machine.

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2008/05	1.0	_	Issue of the first edition
Date	Service manual Ver.	Revision mark	Descriptions of revision

MT-502

CONTENTS

MT-502

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1.	PRODUCT SPECIFICATIONS	
MAII	INTENANCE	
2.	PERIODIC CHECK	
2.1	1 Maintenance procedure	
2.	2.1.1 Cleaning of the Roller	
3.	OTHER	
3.1	1 Disassembly/Adjustment prohibited items	
3.2	2 Disassembling and assembling list	
3.3	3 Disassembling and assembling procedure	
3.3	3.3.1 Rear Cover/Right Door	
3.3	3.3.2 Front Cover/Upper Cover/Paper Output T	- ray
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AINTENANCE

MT-502

OUTLINE

PRODUCT SPECIFICATIONS

A. Type

Туре	4 bins Mailbin (available only for printing from PC)
Installation	Screwed to the FS
Number of Bins	4 bins
Number of Sheets Stored per Bin	125 sheets (80 g/m²)
Storable Paper	Plain Paper (56 to 90 g/m²), Recycled paper (56 to 90 g/m²)
Storable Paper Size	Metric: A4, B5, 8½ x 11 Inch: 8½ x 11, 5½ x 8½S

B. Maintenance

Maintenance	Same as the main body.
-------------	------------------------

C. Machine specifications

Power Requirements	24V DC (supplied from FS)
Dimensions	340 (W) x 509 (D) x 387 mm (H)
Weight	Approx. 8 kg

D. Operating environment

Temperature	Same as the main body.
Humidity	Same as the main body.

NOTE

• The information herein may be subject to change for improvement without notice.

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MAINTENANCE

2. PERIODIC CHECK

2.1 Maintenance procedure

NOTE

 The alcohol described in the cleaning procedure of Maintenance represents the isopropyl alcohol.

2.1.1 Cleaning of the Roller

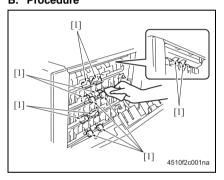
A. Periodic cleaning cycle

Various Rollers : Every 250,000 prints *1

: Every 225,000 prints *2

*1 501/421 *2 361

B. Procedure



- 1. Open the Right Door.
- 2. Using a soft cloth dampened with alcohol, wipe the rollers [1].

3. OTHER

3.1 Disassembly/Adjustment prohibited items

- A. Screws to which blue paint or green paint is applied
- Blue paint or green paint is applied to some screws to prevent them from coming loose.
- As a general rule, screws to which blue paint or green paint is applied should not be removed or loosened.

B. Red-painted screws

 Do not remove or loosen any of the red-painted screws in the field. It should also be noted that, when two or more screws are used for a single part, only one representative screw may be marked with the red paint.

C. Variable Resistors on Board

NOTE

 Do not turn the variable resistors on boards for which no adjusting instructions are given in ADJUSTMENT/SETTING.

D. Removal of Boards

NOTE

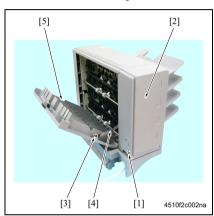
- When removing a circuit board or other electrical component, refer to "SAFETY AND IMPORTANT WARNING ITEMS" and follow the corresponding removal procedures.
- The removal procedures given in the following omit the removal of connectors and screws securing the circuit board support or circuit board.
- When it is absolutely necessary to touch the ICs and other electrical components on the board, be sure to ground your body.

3.2 Disassembling and assembling list

No.	Section	Part name	Ref. page
1		Rear Cover	P.5
2	Cover	Front Cover	P.5
3		Upper Cover	P.5
4		Right Door	P.5
5	Paper Output Tray	Paper Output Tray	P.5

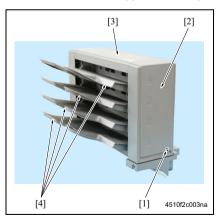
3.3 Disassembling and assembling procedure

3.3.1 Rear Cover/Right Door



- 1. Remove the screw [1] and remove the Rear Cover [2].
- 2. Remove the screw [3], the stopper [4], and remove the Right Door [5].
- 3. Reinstall the above parts following the removal steps in reverse.

3.3.2 Front Cover/Upper Cover/Paper Output Tray



- 1. Remove the screw [1] and remove the Front Cover [2].
- 2. Remove the Rear Cover. (See P.5)
- 3. Remove the Upper Cover [3].
- 4. Remove the Paper Output Trays [4].
- 5. Reinstall the above parts following the removal steps in reverse.

MT-502



SERVICE MANUAL

JS-502 (bizhub 501/421/361)

Revision history

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JS-502

CONTENTS

JS-502

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.		
1.	PRODUCT SPECIFICATIONS	1
MAII	NTENANCE	
2.	OTHER	3
2.1	Disassembly/Adjustment prohibited items	3
2.2	Disassembling and assembling list	4
2.3	Disassembling and assembling procedure	4
2.3	3.1 Upper Cover	4

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OUTLINE

PRODUCT SPECIFICATIONS

A. Type

Name	Job Separator
Туре	Expansion tray
Installation	Installed in the main body
Document Alignment	Center

B. Paper type

Exit Tray		Size		Туре	Capacity
	Inch: 11 x 17, 8½ x 14,		Plain Paper (56 to 90 g/m²)		250 sheets
	Main Metric: A3, B4, A4, A4S, B5, B5S*2 A5S B6S	5½ x 8½S A3, A4, A4S, Foolscap :: A3, B4, A4, A4S, B5,		OHP transparencies	
Tray 2 (Main			Special	Thick paper (91 to 210g/m ²)	20 sheets
Body				Envelope	
Tray)		, ,		Label paper	
		, , , , , , , , , , , , , , , , , , , ,		Letterhead	
Tray 1 (Job Tray)	Inch:	11 x 17, 8½ x 14, 8½ x 11, 8½ x 11S, 5½ x 8½S A3, A4, A4S, Foolscap A3, B4, A4, A4S, B5, B5S *2, A5S, B6S 11 x 17, 8½ x 11, 8½ x 11S, Foolscap, 8K *1, 16K *1, 16KS *1	Plain Paper (56 to 90 g/m²)		100 sheets

^{*1:} Only supported in Taiwan.

C. Maintenance

Maintenance	None
-------------	------

D. Machine specifications

Power Requirements	5V DC \pm 5 % (supplied from the main body)
Power Consumption	0.2 W or less
Dimensions	450 (W) x 443 (D) x 75 mm (H)
Weight	Approx. 1.7 kg

E. Operating environment

Temperature	Same as the main body.
Humidity	Same as the main body.

NOTE

• The information herein may be subject to change for improvement without notice.

^{*2:} Supported in other than inch area and Taiwan.

■ MAINTENANCE

OTHER

2.1 Disassembly/Adjustment prohibited items

- A. Screws to which blue paint or green paint is applied
- Blue paint or green paint is applied to some screws to prevent them from coming loose.
- As a general rule, screws to which blue paint or green paint is applied should not be removed or loosened.

B. Red-painted screws

 Do not remove or loosen any of the red-painted screws in the field. It should also be noted that, when two or more screws are used for a single part, only one representative screw may be marked with the red paint.

C. Variable Resistors on Board

NOTE

 Do not turn the variable resistors on boards for which no adjusting instructions are given in ADJUSTMENT/SETTING.

D. Removal of Boards



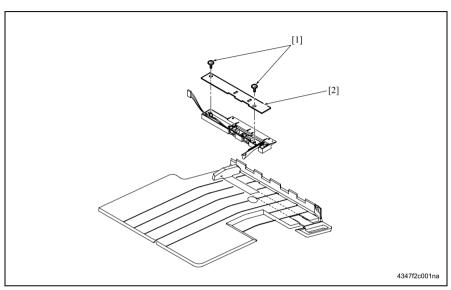
- When removing a circuit board or other electrical component, refer to "SAFETY AND IMPORTANT WARNING ITEMS" and follow the corresponding removal procedures.
- The removal procedures given in the following omit the removal of connectors and screws securing the circuit board support or circuit board.
- When it is absolutely necessary to touch the ICs and other electrical components on the board, be sure to ground your body.

2.2 Disassembling and assembling list

No.	Section	Part name	Ref.Page
1	Cover	Upper Cover	See P.4

2.3 Disassembling and assembling procedure

2.3.1 Upper Cover



1. Remove two screws [1], and remove the Upper Cover [2].



SERVICE MANUAL

Field Service

IC-207

Revision history

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2008/05	1.0		Issue of the first edition
Date	Service manual Ver.	Revision mark	Descriptions of revision

MAINTENANCE

OUTLINE 6

IC-207

OUTLINE
1. PRODUCT SPECIFICATIONS
MAINTENANCE
2. FIRMWARE VERSION UP 5 3. DISASSEMBLY / REASSEMBLY 6 3.1 Tools Required 6 3.2 Removal / Installation of Printer key control board 7
ADJUSTMENT / SETTING
4. SERVICE MODE
TROUBLESHOOTING
6. TROUBLESHOOTING THE PRINTING SYSTEM

CONTENTS

■ OUTLINE

1. PRODUCT SPECIFICATIONS

A. Type

Type:	Mainbody built-in controller

B. Functions

Resolution	600 x 600 dpi (Print, FAX)	
	400 x 400 dpi (FAX)	
	200 x 200 dpi (FAX)	
Gradation	binary	
Blank area	4.23mm (left, right, top and bottom without variation)	
Printable Area	Same as copier	
No. of Print	1 to 999	
Continuous Print Speed	bizhub 501: 50 ppm (A4, 8.5 x 11) / (600 x 600 dpi)	
	bizhub 421: 42 ppm (A4, 8.5 x 11) / (600 x 600 dpi)	
	bizhub 361: 36 ppm (A4, 8.5 x 11) / (600 x 600 dpi)	
Printer Description Language	PCL5e emulation	
	PCL XL Ver3.0 emulation	
	PostScript3 emulation	
	XPS Ver1.0	

Printer Driver	PCL6 (KONICA MINOLTA products)
	*The driver for PCL5e is not supported.
	Windows NT4.0 (SP6a)
	Windows 2000 Professional (SP3 or later) /Server
	Windows XP Home Edition/Professional (SP2 or later)
	Windows Server 2003 Standard
	Windows Vista (All versions)
	PS3 driver(KONICA MINOLTA products)
	Windows 2000 Professional (SP3 or later) /Server
	Windows XP Home Edition/Professional (SP2 or later)
	Windows Server 2003 Standard
	Windows Vista (All versions)
	PostScript PPD driver
	Windows 2000 Professional (SP3 or later) / Server
	Windows XP Home Edition/Professional (SP2 or later)
	Windows Server 2003 Standard
	Windows Vista (All versions)
	Mac OS 9.2/10.2/10.3/10.4 (Intel Mac 10.4 also included)
	Fax Driver
	Windows NT4.0 (SP6a)
	Windows 2000 Professional (SP3 or later) /Server
	Windows XP Home Edition/Professional (SP2 or later)
	Windows Server 2003 Standard
	Windows Vista (All versions)
	*(For the XP (Professional)/Server 2003/Vista, x64 is also included.)
Network Functions	,
Printing Method	lpd/lpr (TCP/IP), IPP (TCP/IP), AppleTalk (EtherTalk), PServer/RPrinte
	(IPX/SPX), RAW Port (TCP/IP)
Dedicated Utilities	EMS Plug-in
	NDPS Gateway
	Direct Print

C. Paper

Paper Size	Same as copier
Paper Type	Same as copier
Paper Weight	Same as copier

D. Maintenance and Life

Maintenance	Same as copier
Machine Service Life	Same as copier

IC-207

E. Machine Data

System Memory	Same as copier	
Host Interface	Ethernet, USB (Optional)	
Hard Disk Drive	Same as copier	
Power	Same as copier	
Network Function		
Network Interface	Ethernet	
Frame Type	Auto/IEEE 802.2/802.3/Ethernet II/IEEE802.3 SNMP	
Ethernet Connection	1000Base-T/100Base-TX/10Base-T	
Network Connector	RJ-45	

F. Operating Environment

Temperature	Same as copier
Humidity	Same as copier

■ MAINTENANCE

2. FIRMWARE VERSION UP

Firmware for IC-207 is contained in the copier firmware (MFP Controller). With the updating of MFP controller version, the version of the IC-207 firmware is also updated.

Firmware's version is upgraded by ISW.

See "5. FIRMWARE VERSION UP" in the Field Service for the main body.

3. DISASSEMBLY / REASSEMBLY

⚠ Caution

· Assembly should be made in reverse order of disassembly unless otherwise noted.

Precautions against static electricity.

- Keep the image controller in an antistatic bag while transporting it or storing it.
- When working in places where static electricity tends to accumulate, such as on a carpet, discharge electricity from your body by touching any metallic portion before handling the image controller.
- Do not touch the contacts on the image controller with your hands, as that may result in poor conductivity.
- . Do not physically damage the image controller by dropping it, bending it, etc.

3.1 Tools Required

Standard screwdriver

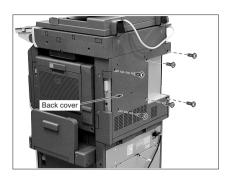
⚠ Caution

Be sure to unplug the power cable, not only to turn the copier off, before attempting to make servicing.

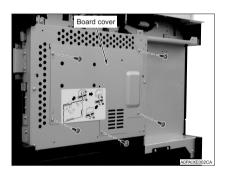
⚠ Caution

- Before engaging in Disassembly/Reassembly, check to make sure that all the cables are unplugged from the copier.
- There may be occasions when boards are damaged if no appropriate grounding measures are taken. Wear a wrist strap or others during servicing.
- . Disassembly/Reassembly should be made on cushioning materials.

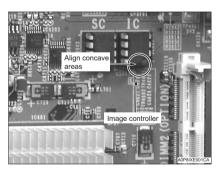
3.2 Removal / Installation of Printer key control board



- Turn the Sub and Main power switches OFF of the main body, and unplug the power cord from the outlet.
- 2. Remove the back cover (6 screws).



3. Remove the board cover (5 screws).



4. Remove the image controller in the location with the IC-207 mark on the system control board.

NOTE

- You should be careful not to damage the board.
- Remove the image controller pulling it perpendicularly to the system control board.
- Align the concave area on the left side of the image controller and the concave area on left side of the slot in the system control board when installing.
- Assembly should be made in reverse order from disassembly.

■ ADJUSTMENT / SETTING

4. SERVICE MODE

In the service mode, various adjustments / settings are available.

See "10. SERVICE MODE" in Field Service for the main body.

5. Starting and Finishing the Service Mode

- 1. Confirm that the normal Copy Mode screen is on the display.
- Press the [Utility/Counter] button. [Utility] screen appears.
- 3. Press [Meter Count] provided at the upper left section of the screen.
- 4. Press the [Details] key.
 - [MetaCount] screen appears.
- 5. Press the keypad in the following order.
 - Stop -> 0 -> 0 -> Stop -> 0 -> 1

[Service Mode menu] screen appears.

NOTE

- If the CE password has been provided, you should enter the password to enter the service mode.
- 6. Press the key of items to be set.
 - Setting screen of each item appears.
- Set items as required and press the [OK] key after completion.
 Setting is accepted and the [Service Mode menu] screen returns.
- 8. Press the [Exit] key.
 - Normal Copy Mode screen returns.

■ TROUBLESHOOTING

5. TROUBLESHOOTING THE PRINTING SYSTEM

This table lists information about the symptoms, possible causes, and remedies for problems that may occur with the printing system (combination of the print controller and copier). It is intended to help engineers find information as quickly as possible, and provide basic solutions.

⚠ Caution

. See the "Copier Service Manual" for information about Error Cord List.

6.1 Troubleshooting of the print controller and copier

Symptoms	Causes	Actions
"Warming up" does not disappear.	Copier is in trouble.	Locate the cause of trouble of the copier.
Printout is defective, or nothing can be printed.	The system board or some boards of the copier are defective.	Put the copier in service mode and per- form test. If it operates properly, system board may be failure.
Print controller does not start.	The printer key control board is inactive. Or printer key control board is not installed.	Check the connector of the controller board. Replace the system board as necessary.
	Software of the print controller is defective.	Reinstall the software of the print controller.
Test print can be produced but not from the USB port.	There is no USB port installed. (Because of the USB being optional) The USB port has something wrong or the cable is wrong or, the problem is on the computer side.	Check the cables (internal/external). Perform test using a data generator or a well-proven PC/I/O cable. Replace the system board as necessary.
Test print can be produced and all ports are good, but user jobs cannot be printed.	Some software error has happened.	Print controller's software or application program has something wrong. Save the file, which failed to be printed, in the disk and analyze the problem by suitable means.

7. Data Capture

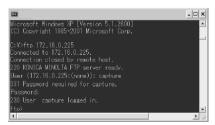
If any fault is caused in relation with the printer, acquire the print job data for the fault analysis. Capture data of up to 5 jobs can be saved. When new data is saved, oldest one is deleted.

⚠ Caution

To enable this function, following conditions should be met.

- Hard disk should have been installed in the main body printer (copier).
- [Administrator Settings] [Security Settings] [Security Details] [Print Data Capture] should be set to [Allow].
- [Administrator Settings] [Network Settings] [FTP Settings] [FTP Server Settings] should be set to [ON].
 - Activate the service mode.
 - (Refer to the steps 1 through 7 of "ADJUSTMENT / SETTING, 5. Starting and Finishing the Service Mode".)
 - Press [System2] [Data Capture] and select [ON]. Selecting [ON] saves the job data transmitted from PC in the copier hard disk.
 - 3. Confirm the IP address of the copier.
 - Connect the Windows PC and copier with the Ethernet cable.
 - Activate the command prompt, specify the IP address of the copier and activate the FTP.



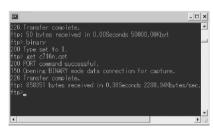


- 6. Enter User and Password.
- User: capture
- · Password: sysadm

```
230 User capture logged in.

ftp> Is
200 PCRT command successful.
150 Ocening ASCII mode data connection for capture.
6708.n.cat
6708.n.cat
6708.n.cat
6708.n.cat
6708.n.cat
6708.n.cat
6708.n.cat
6708.n.cat
6708.n.cat
6718.n.cat
671
```

C716n.cpt
c716n.cpt
c708n.cpt
c708n.cpt
c712n.cpt
c712n.cpt
c714n.cpt
226 Transfer complete.
ftps: 50 bytes received in
ftpb binary
200 Type set to 1.



7. Display the list of files which can be captured with the [Is] or [dir] command.

 Set the file transfer mode to binary transfer with the [binary] command.

Transfer the data to be captured to PC with the [get] or [mget] command.

10. Exit from the command prompt.

NOTE

 If you set [Administrator Settings] - [Security Settings] - [Security Details] - [Print Data Capture] to [Restrict] after acquiring the capture data, the job data saved in the hard disk will be deleted. Blank Page





PARTS GUIDE MANUAL

APRIL 2008

bizhub 361 A0R7

INFORMATION FOR PARTS GUIDE MANUAL

To find correct Parts No., refer to the "HOW TO MAKE THE BEST USE OF THIS MANUAL" in the following page.

HOW TO MAKE THE BEST USE OF THIS MANUAL

- 1 When you order, please check the proper figures beforehand that are on Our Parts Guide Manual, and order with the appropriate figures.
- 2 For screws, Nuts, Washers, retaining rings and Pins which are used in this model, one letter is shown on the Standard parts column of Parts list and exploded diagrams.
- 3 In order to maintain safety of the product, some specific parts composed of this product are set up as "essential safety parts".
- 4 The assigned parts number for the "essential safety parts" is indicated as "SP00-****".

When replacing these parts, follow precautions for disassembling and installing which are listed in the Service Manual.

Do not use any parts that are not set up as

- 5 means that there are exclusive parts for each destination.

 Please check the appropriate destination when you order.
- 6 Revision Mark

Marked as ▲ on the illustration shows that the revision has been made.

7 All rights reserved. (any reprints or quotations are prohibited.)
Use of this parts guide manual should be strictly supervised to avoid disclosure of confidential information.

パーツガイドマニュアルのご案内

サービス部品をご発注の際には、下記に示す "パーツガイドマニュアルの活用にあたって"をご参照の上、正しい部品番号にてお願い致します。

パーツガイドマニュアルの活用にあたって

- 1 部品発注の際には、掲載されている部品番号の桁数を確認し、掲載されている桁数で発注願います。
- 2 この製品に使用されているネジ、ナット、ワッシャー、止め輪、ピンなどは、リストの右側の Standard parts 欄に a,b,c,……で表示し、イラストにも a,b,c,……表示してあります。
- 3 製品の安全性を維持する為に、製品に使用される特定の部品を「重要保安部品」として設定しています。
- 4 重要保安部品の部品番号は、"SP00-****" と記載されていますので、部品 交換時は、サービスマニュアル記載の分解・組み立ての注意事項に従っ て作業をして下さい。

また、指定以外の部品は一切使用しないで下さい。

5 本文に ♣ が表示されている部品は、仕向け地毎に専用部品がある事を意味しています。

オーダーされる時は、仕向け地を確認して下さい。

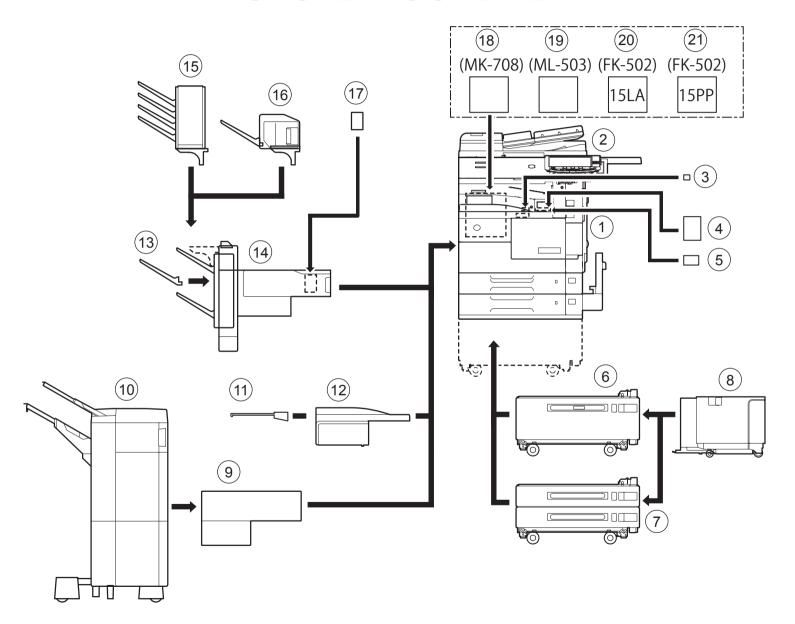
6 改訂記号について

イラスト上に▲印が表示されている部分は、改訂された事を表します。

7 版権所有 (無断転載及び無断引用の禁止) オパーツガイドラニュアルについては、機

本パーツガイドマニュアルについては、機密保持等その扱いには十分注意して下さい。万一取り扱いを誤った場合には、法律で処罰されることがあります。

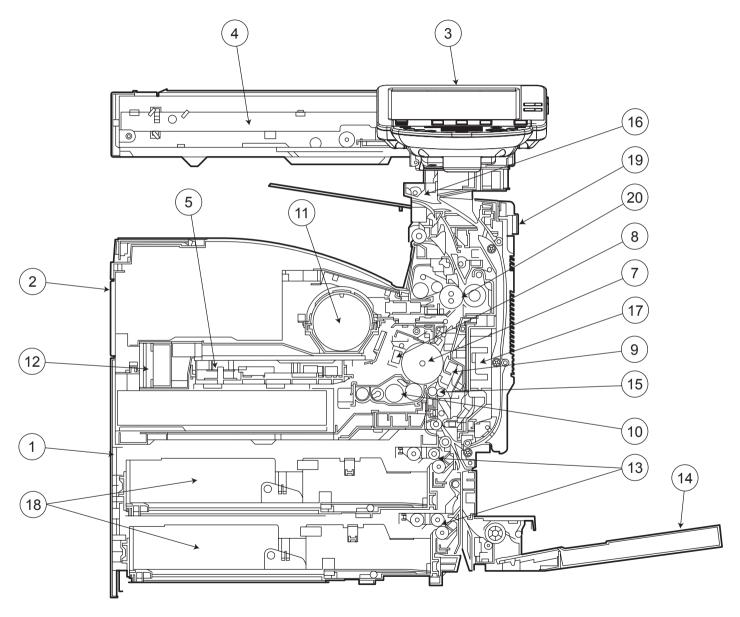
SYSTEM OUTLINE



GENERAL CONTENTS

No.	Description	Model
1	DIGITAL MFP B/W	bizhub 361
2	DOCUMENT FEEDER	DF-613
3	PRINT CONTROLLER	IC-207
4	OTHER OPTION	EK-703
5	OTHER OPTION	HD-509
6	PAPER FEEDER	PC-407
7	PAPER FEEDER	PC-206
8	PAPER FEEDER	LU-203
9	OTHER OPTION	RU-507
10	SORTER/FINISHER	FS-523
11	STACKER	JS-502
12	OTHER OPTION	OT-504
13	OTHER OPTION	OT-602
14	SORTER/FINISHER	FS-522
15	SORTER/FINISHER	MT-502
16	SORTER/FINISHER	SD-507
17	PUNCH UNIT	PU-501
18	FAX CONTROLLER	MK-708
19	FAX CONTROLLER	ML-503
20	FAX CONTROLLER	FK-502

DIAGRAMS OF MAIN PARTS SECTION



CONTENTS

No.	DESCRIPTION	名称	PAGE No.
1	MAIN FRAME	骨格	P1 P2 P3 P4
2	EXTERNAL PARTS	外装	P5 P6
3	OPERATION UNIT	操作部	P7
4	OPTICS UNIT	光学部	P8 P9 P10
5	WRITE UNIT	書き込みユニット	P11
6	DRIVING UNIT	駆動部	P12 P13 P14 P15 P16
7	DRUM CARTRIDGE	ト゛ラムカートリッシ゛	P17 P18 P19 P20
8	CHARGING UNIT	帯電極	P21
9	TRANSFER SEPARATOR CORONA UNIT	転写分離極	P22
10	DEVELOPING UNIT	現像ユニット	P23 P24
11	TONER SUPPLY UNIT	トナー補給部	P25 P26 P27 P28 P29
12	DEVELOPING SUCTION UNIT	現像サクションユニット	P30
13	PAPER FEED UNIT	給紙部	P31 P32 P33 P34
14	MANUAL FEED UNIT	手差しユニット	P35 P36 P37
15	REGISTRATION UNIT	レジストユニット	P38
16	TURNOVER UNIT	反転部	P39 P40
17	CONVEYANCE UNIT	搬送部	P41
18	CASSETTE	カセット	P42
19	AUTO DUPLEX UNIT	自動両面ユニット	P43 P44 P45 P46 P47 P48
20	FIXING UNIT	定着部	P49 P50 P51 P52 P53 P54
21	ELECTRIC PARTS	電装部	P55 P56 P57 P58
22	WIDING	束線	P59 P60 P61 P62 P63 P64 P65 P66 P67
22	WIRING	木砂	P68
23	WIRING ACCESSORY AND JIGS	配線部品 治具	P69 P70
24	ACCESSORY PARTS	アクセサリーパーツ	P71

INDEX

Parts No.	Page No.
000V -18- 1	70-12
000V -18- 2	70-12
000V 1001 0	70-7
000V 1002 0	70-8
000V 1003 0	70-9
000V 1004 0	70-10
000V 1005 0	70-11
00Z9 2450 8	69-20
00Z9 2451 2	69-21
00Z9 2452 4	69-22
0294 2064 0	23-9
0830 2014 0	6-20
0928 3033 01	46-7
0992 3014 01	42-36
1052 4412 01	31-22
1065 3086 01	31-19
1065 3086 01	33-25
1067 2501 01	31-27
1067 2501 01	33-22
1067 2502 01	36-26
1067 2513 01	16-30
1070 3072 01	31-21
1075 2565 01	36-7
1134 3041 01	33-10
1134 3041 01	45-3
1134 3042 02	37-20
1136 2060 0	24-14
1139 3169 01	40-1
1149 3454 01	34-29
1155 2518 01	16-28
1164 2155 01	1-6
1164 3065 01	54-21
1200 2105 02	39-14
1200 5212 04	33-7
1274 3603 01	42-29
12QV 4066 0	38-18
1300 3322 17	36-24
13QA 1033 0	15-7
13QA 7602 1	38-17
13QA 8552 1	38-7

Parts No. Page No. 13RN 7312 0 58-11 1900 4141 0 12-6 1900 4141 0 13-5 1900 4141 0 14-4 1900 4141 0 15-17 1900 4142 0 14-6 1921 4171 0 51-3
1900 4141 0 12-6 1900 4141 0 13-5 1900 4141 0 14-4 1900 4141 0 15-17 1900 4142 0 14-6
1900 4141 0 13-5 1900 4141 0 14-4 1900 4141 0 15-17 1900 4142 0 14-6
1900 4141 0 14-4 1900 4141 0 15-17 1900 4142 0 14-6
1900 4141 0 15-17 1900 4142 0 14-6
1900 4142 0 14-6
1021 /171 0 51 2
25AA 7553 0 47-16
25HA 2510 0 21-2
25HA 3215 2 26-6
26NA -909 2E 11-2
26NA -918 2E 18-6
26NA -951 2E 10-20
26NA 1240 1 6-22
26NA 1255 0 5-11
26NA 1520 0 13-24
26NA 1560 0 13-4
26NA 1728 0 12-3
26NA 1728 0 13-19
26NA 1728 0 15-2
26NA 1728 0 16-6
26NA 1757 0 15-10
26NA 1758 0 13-21
26NA 1759 0 15-11
26NA 2014 0 20-9
26NA 2016 0 20-14
26NA 2017 0 20-15
26NA 2020 0 18-8
26NA 2022 0 20-7
26NA 2024 2 17-6
26NA 2025 0F 18-3
26NA 2027 0 17-8
26NA 2029 0 17-12
26NA 2030 0 17-9
26NA 2030 0 32-13
26NA 2031 0 17-10
26NA 2037 0D 19-10
26NA 2038 0 19-7
26NA 2042 0 19-5
26NA 2048 0 18-2

Davida Na	Dana Na
Parts No.	Page No.
26NA 2055 3	20-11
26NA 2056 0	20-10
26NA 2057 0	19-2
26NA 2058 0	20-4
26NA 2071 0	20-13
26NA 2076 0D	19-4
26NA 2086 0D	19-11
26NA 2087 0	19-13
26NA 2092 0	19-1
26NA 2095 0	18-7
26NA 2107 0	19-9
26NA 2116 0	20-8
26NA 2128 0	19-19
26NA 2133 0	18-9
26NA 2134 0	17-2
26NA 2136 0	17-20
26NA 2136 0	24-21
26NA 2138 0	17-5
26NA 2140 0	17-14
26NA 2142 0	17-13
26NA 2143 0	17-17
26NA 2144 0	17-22
26NA 2517 0	21-11
26NA 2518 0	21-9
26NA 2608 0	22-3
26NA 2623 0	22-5
26NA 2625 0	22-11
26NA 2626 0	22-12
26NA 3009 0	24-8
26NA 3021 1G	24-24
26NA 3036 0	24-22
26NA 3044 0	24-17
26NA 3045 0	23-8
26NA 3047 0	23-2
26NA 3049 0	23-1
26NA 3063 0	24-23
26NA 3065 0	24-16
26NA 3066 0	24-15
26NA 3070 0	24-13
26NA 3070 0 26NA 3072 0	23-4

Parts No.	Page No.
26NA 3073 0	24-11
26NA 3075 0	24-28
26NA 3077 0	24-4
26NA 3084 0 26NA 3085 0	24-19
26NA 3085 0	24-3
26NA 3086 0	24-25
26NA 3087 0	13-26
26NA 3093 0	24-27
26NA 3094 0	24-5
26NA 3095 0	24-10
26NA 3096 0	24-9
26NA 3101 0	24-30
26NA 3204 0	26-14
26NA 3209 0	26-25
26NA 3220 0	26-23
26NA 3228 0	26-21
26NA 3230 0	26-27
26NA 3231 1E	25-16
26NA 3242 0	25-14
26NA 3243 0	26-28
26NA 3254 0	26-22
26NA 3255 0	26-24
26NA 3256 0	26-9
26NA 3259 0	25-12
26NA 3266 0	25-6
26NA 3268 0	25-4
26NA 3269 0	26-29
26NA 3287 0	27-9
26NA 3290 0	26-26
26NA 3291 0	26-16
26NA 3292 0	26-17
26NA 3293 0	26-15
26NA 3294 0	25-13
26NA 3295 0	25-15
26NA 3296 0	26-7
26NA 3297 0	26-13
26NA 4082 0	38-12
26NA 4256 0	47-17
26NA 4507 1	41-10
26NA 4514 1	38-23

Parts No.	Page No.
26NA 4536 0	38-21
26NA 4537 1	38-20
26NA 4538 1	41-19
26NA 4549 0	21-14
26NA 4549 0	41-11
26NA 4552 0	41-1
26NA 5037 0	12-21
26NA 5321 1	50-17
26NA 5329 0	51-12
26NA 5346 0	51-6
26NA 5349 0	54-9
26NA 5359 0	12-22
26NA 5359 0	13-20
26NA 5361 0	54-8
26NA 5362 0	49-8
26NA 5371 2	49-5
26NA 5372 0	49-6
26NA 5374 0	49-17
26NA 5377 0	49-19
26NA 5384 0	51-11
26NA 5403 0	50-1
26NA 5414 0	51-25
26NA 5419 0	51-24
26NA 5423 0	49-18
26NA 5423 0	50-3
26NA 5424 0	51-10
26NA 5428 0	50-16
26NA 5429 0	51-7
26NA 5430 0	54-12
26NA 6115 0	9-6
26NA 6130 0	9-4
26NA 6131 0	10-17
26NA 6134 0	10-21
26NA 6137 0	10-14
26NA 6138 0	10-4
26NA 6139 0	10-23
26NA 6141 0	10-22
26NA 6153 1	10-5
26NA 6154 0	10-7
26NA 6155 1	10-12

Parts No.	Page No.
26NA 6156 0	10-3
26NA 6159 0	10-13
26NA 6160 0	10-8
26NA 6161 0	10-6
26NA 6173 2	8-1
26NA 6175 1	10-26
26NA 6181 2	8-4
26NA 6184 0	10-31
26NA 6194 0	10-2
26NA 6206 0	10-18
26NA 6213 0	5-10
26NA 6216 0	8-14
26NA 6228 0	8-5
26NA 6232 0	10-32
26NA 6239 1	10-11
26NA 6245 1	8-13
26NA 6528 0	4-2
26NA 6529 0	4-1
26NA 7325 1	22-9
26NA 7325 1	56-17
26NA 7357 0	58-12
26NA 7373 2	57-1
26NA 8006 1	25-5
26NA 8251 3	25-11
26NA 8804 1	23-10
26NA 8846 1	57-6
26NA 9019 1	59-1
26NA 9031 1	62-9
26NA 9035 1	59-2
26NA JG01 1	70-6
26NA R701 00	57-7
26NA R702 00	13-3
26NA R703 00	18-4
26NA R704 00	17-23
26NA R705 00	17-4
26NA R706 00	18-5
26NA R707 00	24-12
26NA R708 00	23-3
26NA R709 00	3-9
26NA R710 00	12-19

Parts No.	Page No.
26NA R711 00	10-1
26NA R712 00	56-18
26TA -235 0	19-17
26TA -236 0	19-18
26TA -237 1	19-22
26TA 2032 0	17-7
26TA 2053 1	19-15
26TA 2088 1	19-12
26TA 2146 0	19-26
26TA 2147 0	19-25
26TA 2148 0	19-24
26TA 2149 0	19-23
26TA 2151 0	20-6
26TA 2154 0	19-16
26TA 2161 1	19-20
26TA 3258 0	25-7
26TA 3261 0	25-10
26TA 3264 0	25-8
26TA 3296 0	27-2
26TA 3297 0	27-3
26TA 3298 0	27-6
26TA 3299 0	27-4
26TA 3301 0	26-18
26TA 6251 0	8-9
26TA 6252 1	10-9
26TA 6253 0	10-10
26TA 8452 1	8-10
26TA R701 00	19-21
26TA R702 00	24-7
27LA 5383 0	54-7
27LA 5419 0	54-2
27LA 5446 0	3-10
27LA 7391 0	57-2
27LA 7399 0	58-17
27LA 8003 2E	12-1
27LA 8051 1	57-3
27LA 8803 1	56-9
3920 4526 0	17-24
4002 3108 01	42-37
4002 3110 01	55-6

Parts No.	Page No.
4002 3131 01	55-5
4002 3779 01	39-17
4002 7306 01	42-20
4011 3012 01	55-1
4011 3020 01	42-27
4011 3021 01	42-26
4011 5852 02	39-5
4011 5852 02	45-12
4030 0151 01	32-15
4030 0151 01	34-11
4030 0207 04	39-16
4030 0216 05	37-9
4030 2005 02	1-16
4030 2006 01	1-1
4030 2007 01	1-13
4030 2008 02	1-14
4030 2009 01	3-3
4030 2010 01	1-5
4030 2011 01	1-3
4030 2018 01	2-1
4030 2022 01	48-6
4030 2023 01	48-8
4030 2029 02	1-12
4030 2038 02	1-11
4030 2039 02	3-4
4030 2041 02	1-8
4030 2042 02	1-2
4030 2062 01	3-2
4030 2080 01	2-19
4030 2081 01	1-15
4030 3001 03	31-28
4030 3002 02	31-10
4030 3002 02	33-16
4030 3003 01	31-12
4030 3003 01	33-21
4030 3004 01	31-20
4030 3005 01	31-7
4030 3005 01	33-13
4030 3008 01	31-11
4030 3008 01	33-17

Parts No.	Page No.
4030 3010 02	33-37
4030 3011 03	31-24
4030 3011 03	33-27
4030 3012 01	31-25
4030 3012 01	33-28
4030 3013 01	32-17
4030 3013 01	34-9
4030 3014 01	32-7
4030 3014 01	34-7
4030 3016 12	31-30
4030 3016 12	33-11
4030 3017 03	32-6
4030 3017 03	34-5
4030 3018 01	33-6
4030 3019 02	33-9
4030 3021 01	33-36
4030 3022 01	33-26
4030 3023 03	31-15
4030 3025 02	32-14
4030 3025 02	34-17
4030 3026 02	32-10
4030 3027 02	32-11
4030 3030 01	31-18
4030 3030 01	33-24
4030 3031 01	33-8
4030 3032 03	32-2
4030 3034 01	31-8
4030 3034 01	33-14
4030 3036 01	31-13
4030 3036 01	34-18
4030 3037 01	32-12
4030 3037 01	34-16
4030 3039 01	32-18
4030 3039 01	34-8
4030 3041 02	31-4
4030 3042 02	33-5
4030 3046 03	55-16
4030 3047 02	55-4
4030 3048 02	55-13
4030 3049 01	55-14

Parts No.	Page No.
4030 3051 01	16-22
4030 3052 01	16-25
4030 3053 01	16-27
4030 3054 01	16-29
4030 3055 01	16-26
4030 3057 01	16-19
4030 3059 01	16-35
4030 3060 01	16-34
4030 3063 01	33-35
4030 3064 01	33-32
4030 3067 01	16-21
4030 3068 01	33-34
4030 3069 01	33-33
4030 3077 01	32-16
4030 3077 01	34-10
4030 3078 01	32-4
4030 3078 01	34-3
4030 3079 01	32-9
4030 3079 01	34-2
4030 3080 01	32-8
4030 3081 01	55-10
4030 3083 01	55-12
4030 3084 01	31-2
4030 3085 01	31-16
4030 3086 01	31-3
4030 3087 01	31-1
4030 3088 01	31-14
4030 3091 01	55-2
4030 3092 01	33-31
4030 3093 01	36-17
4030 3095 01	34-19
4030 3105 01	34-12
4030 3107 01	34-22
4030 3108 01	32-1
4030 3112 02	33-1
4030 3114 02	34-23
4030 3115 01	34-30
4030 3116 01 4030 3117 02	34-24 34-27
4030 3121 01	34-34

Parts No.	Page No.	Parts No.	Page No.	Parts No.	Page No.	Parts No.	Page No.	Parts No.	Page No.
4030 3122 01	34-33	4030 3420 02	36-14	4030 3492 01	35-12	4030 3818 02	40-9	4030 5848 01	52-14
4030 3123 01	34-32	4030 3422 01	36-20	4030 3523 02	57-14	4030 3819 01	40-10	4030 5854 01	52-8
4030 3124 03	34-13	4030 3424 01	35-19	4030 3524 01	57-15	4030 3821 01	39-18	4030 5855 01	52-6
4030 3125 01	32-5	4030 3427 01	36-23	4030 3703 01	44-1	4030 3823 01	40-8	4030 5856 01	52-9
4030 3125 01	34-14	4030 3428 01	35-17	4030 3707 01	46-8	4030 3824 01	45-11	4030 5856 01	53-9
4030 3128 01	33-4	4030 3429 02	36-1	4030 3708 01	46-10	4030 3825 02	45-10	4030 5857 01	52-7
4030 3129 03	34-15	4030 3430 01	36-18	4030 3709 01	46-15	4030 3826 01	40-4	4030 5858 01	52-5
4030 3134 03	34-31	4030 3432 07	36-35	4030 3710 01	43-10	4030 3829 01	45-8	4030 6214 00	42-38
4030 3135 01	34-25	4030 3434 01	36-4	4030 3713 01	43-4	4030 3834 01	39-19	4030 6215 00	42-39
4030 3201 09	42-12	4030 3435 01	37-27	4030 3725 01	43-14	4030 5717 01	53-12	4030 6810 02	68-3
4030 3203 01	42-16	4030 3436 01	37-13	4030 3726 01	43-3	4030 5750 03	53-2	4030 6811 01	31-5
4030 3205 01	42-35	4030 3437 01	37-28	4030 3733 03	43-11	4030 5753 01	53-14	4030 6812 02	67-1
4030 3206 01	42-34	4030 3438 01	35-23	4030 3734 01	43-15	4030 5802 01	52-15	4030 6813 02	67-2
4030 3207 01	42-25	4030 3441 01	36-5	4030 3735 01	44-3	4030 5803 01	54-14	4030 6814 03	68-1
4030 3208 02	55-9	4030 3444 01	36-29	4030 3737 01	46-6	4030 5805 03	52-11	4030 6818 01	68-2
4030 3211 02	42-8	4030 3445 01	36-30	4030 3738 03	46-5	4030 5805 03	53-11	4030 6824 01	59-4
4030 3212 01	42-19	4030 3446 01	37-17	4030 3739 01	46-3	4030 5806 01	52-12	4030 7306 02	37-30
4030 3214 02	42-21	4030 3447 01	36-28	4030 3740 01	46-14	4030 5808 02	53-4	4030 7307 02	37-30
4030 3215 01	42-22	4030 3448 01	35-20	4030 3741 03	46-13	4030 5809 02	53-7	4030 7308 02	37-30
4030 3216 01	42-32	4030 3455 02	37-11	4030 3742 01	46-12	4030 5810 02	53-8	4030 7315 01	1-4
4030 3217 01	42-3	4030 3456 01	35-5	4030 3743 02	46-11	4030 5811 01	54-15	4030 R705 00	16-31
4030 3218 01	42-33	4030 3457 03	35-18	4030 3744 01	43-19	4030 5812 01	52-16	4030 R707 00	36-19
4030 3222 03	42-24	4030 3460 02	37-8	4030 3745 01	43-21	4030 5816 01	52-24	4030 R708 00	36-6
4030 3223 03	42-28	4030 3463 01	37-10	4030 3748 01	43-7	4030 5817 02	52-25	4034 0151 01	35-8
4030 3224 02	42-41	4030 3464 01	36-27	4030 3749 01	43-5	4030 5820 03	52-23	4037 0104 01	55-3
4030 3224 02	55-11	4030 3465 01	36-31	4030 3749 01	46-17	4030 5821 02	52-22	4037 0906 01	31-26
4030 3226 01	42-30	4030 3467 01	36-9	4030 3750 01	46-16	4030 5822 03	52-26	4037 0906 01	33-3
4030 3227 01	42-13	4030 3472 01	37-14	4030 3755 01	44-9	4030 5823 01	52-2	4037 0906 01	36-3
4030 3228 12	42-11	4030 3473 02	37-26	4030 3760 01	46-2	4030 5827 01	52-30	4037 0906 01	37-21
4030 3229 02	42-31	4030 3474 01	35-13	4030 3805 02	40-11	4030 5827 01	53-3	4037 0906 01	39-22
4030 3401 13	36-22	4030 3475 01	35-11	4030 3806 02	45-9	4030 5834 02	54-18	4037 0906 01	55-7
4030 3402 01	35-14	4030 3476 01	35-4	4030 3807 03	40-7	4030 5836 01	52-19	4037 3204 01	42-2
4030 3403 01	35-15	4030 3477 01	35-3	4030 3808 01	40-12	4030 5839 03	52-3	4037 3213 12	42-14
4030 3404 01	35-10	4030 3478 02	36-11	4030 3809 01	39-13	4030 5840 02	52-17	4037 6899 01	37-12
4030 3412 01	37-7	4030 3479 01	36-2	4030 3810 01	39-12	4030 5841 01	54-16	4040 0780 01	57-5
4030 3414 01	37-19	4030 3481 01	35-24	4030 3811 01	45-4	4030 5842 01	52-33	4040 3096 01	31-23
4030 3415 02	37-18	4030 3484 01	35-6	4030 3812 01	45-5	4030 5843 02	52-10	4040 3096 01	33-29
4030 3416 02	36-34	4030 3486 01	37-1	4030 3813 01	45-6	4030 5844 02	52-18	4040 3097 01	31-17
4030 3417 01	36-25	4030 3487 01	37-3	4030 3814 01	45-7	4030 5845 02	52-20	4040 3097 01	33-23
4030 3419 01	36-15	4030 3489 01	35-16	4030 3817 01	40-6	4030 5847 01	52-1	4040 3443 01	36-32

Danta Na	Dana Na
Parts No.	Page No.
4040 3495 01	35-26
4040 3496 01	35-25
4040 3497 01	36-33
4040 3833 02	39-4
4040 5610 00	32-19
4040 5610 00	34-6
4040 5612 00	32-20
4040 5612 00	34-4
4040 5758 01	51-21
4040 6205 00	1-9
4040 R706 00	52-13
4040 R707 00	52-4
40AA 2017 0	17-16
40AA 2023 0	17-11
40AA 3229 0	48-4
40AA 5347 0	49-16
40AA 7319 1	17-25
40AA 8501 1	56-12
40AA 8803 1	26-19
40LA -215 1	19-6
40LA -221 0	17-26
40LA -222 0	17-27
40LA 1740 0	16-7
40LA 1754 0	15-4
40LA 1755 0	15-5
40LA 1756 0	15-9
40LA 2005 0	19-3
40LA 2019 0	20-1
40LA 2034 0D	20-5
40LA 2036 0E	20-2
40LA 2094 0	17-21
40LA 2167 0	18-1
40LA 2501 1	21-4
40LA 2502 0	21-13
40LA 2504 0	21-12
40LA 2505 0	21-5
40LA 2507 0	21-10
40LA 2516 0	21-6
40LA 2519 0	21-3
40LA 2520 0	21-15

Parts No.	Page No.
40LA 3227 0	26-10
40LA 5443 0	50-13
40LA 6114 0	8-2
40LA 6116 1E	9-16
40LA 6119 0	10-29
40LA 6121 0	10-19
40LA 6174 1	8-12
40LA 6183 0	10-30
40LA 6192 0	10-28
40LA 6193 0	10-27
40LA 6201 0	9-9
40LA 6246 0	9-18
40LA 6526 0	11-3
40LA 7384 0	58-15
40LA 8301 1	10-15
40LA 8351 3	9-12
40LA 9007 1	64-5
40LA 9022 0E	64-6
40LA 9025 0	64-4
40LA 9736 1	58-8
40LA R701 00	20-16
40LA R702 00	17-19
40LA R703 00	20-17
40LA R704 00	21-7
40LA R705 00	30-2
40LA R706 00	26-12
40LA R707 00	54-5
40LA R708 00	54-10
4128 3823 01	42-1
4131 2536 02	40-3
4131 3001 01	36-36
4131 3003 01	16-20
4131 3003 01	31-6
4131 3003 01	33-12
4131 3004 02	36-16
4131 3007 02	36-13
4131 3053 02	35-9
4131 3532 02	33-2
4131 4128 01	36-12
4131 4623 04	37-5

Parts No.	Page No.
4163 5293 01	34-26
42GA -530 0	51-1
42GA -533 0	53-1
42GA -540 0	54-1
42GA -548 0	50-20
42GA 5303 0	49-4
42GA 5304 0	49-13
42GA 5307 0	49-14
42GA 5308 0	49-11
42GA 5390 0	49-9
42GA 5406 0	49-7
42GA 5450 0	50-5
42GA 5451 0	50-8
42GA 5474 0	50-12
42GA 5482 0	52-21
42GA 5486 0E	53-15
42GA 5498 0	53-2
42GA N101 00	60-1
42GE -530 0	51-1
42GF -530 0	51-1
4348 6206 00	1-10
4425 3013 01	31-29
4425 3013 01	33-15
4425 3016 01	31-9
4425 3016 01	33-20
4426 4411 02	40-5
4470 4024 01	29-7
4470 4024 01	53-5
4497 3114 01	44-5
4497 3114 01	46-19
4497 3116 01	44-6
4497 3116 01	46-20
4498 3388 01	39-6
4498 3469 01	42-15
4498 3825 01	42-4
4498 3826 01	42-5
4657 3714 01	43-18
4658 3012 01	42-23
4658 3047 01	57-9
4658 3048 01	42-6

Parts No.	Page No.
4658 3049 01	42-7
4658 3513 01	32-23
4658 3517 01	36-8
4660 7602 0	12-12
4660 7602 0	13-7
4660 7801 0	24-2
4660 7801 0	51-4
4661 3106 01	44-12
4661 3150 01	44-13
4661 3155 01	44-14
4687 3281 01	35-2
50GA -153 0	13-27
50GA -154 0	13-25
50GA -155 0	13-2
50GA -157 0	12-18
50GA -159 0	13-22
50GA -160 1E	13-8
50GA -164 1F	14-9
50GA -165 0E	14-13
50GA -167 0F	14-18
50GA -168 0E	14-10
50GA -169 2	16-23
50GA -171 0	15-3
50GA -172 0	15-13
50GA -173 0E	15-6
50GA -176 0	16-33
50GA -183 0 50GA -186 1G	12-13
	16-3
50GA -189 0	12-27
50GA -200 1	17-18
50GA -205 0	19-14
50GA -209 0	20-12
50GA -217 0	19-8
50GA -218 0	17-15
50GA -250 0	21-1
50GA -251 0	21-16
50GA -260 0	22-1
50GA -261 0	22-8
50GA -262 0	22-10
50GA -300 1	24-18

Parts No. Page No. 50GA -304 0 24-31 50GA -307 0E 24-29 50GA -311 0 30-7 50GA -313 0 30-3 50GA -315 0 30-4 50GA -316 0 30-5 50GA -319 0 30-6 50GA -320 1 26-1 50GA -322 1 25-1
50GA -304 0 24-31 50GA -307 0E 24-29 50GA -311 0 30-7 50GA -313 0 30-3 50GA -315 0 30-4 50GA -316 0 30-5 50GA -319 0 30-6 50GA -320 1 26-1
50GA -311 0 30-7 50GA -313 0 30-3 50GA -315 0 30-4 50GA -316 0 30-5 50GA -319 0 30-6 50GA -320 1 26-1
50GA -313 0 30-3 50GA -315 0 30-4 50GA -316 0 30-5 50GA -319 0 30-6 50GA -320 1 26-1
50GA -315 0 30-4 50GA -316 0 30-5 50GA -319 0 30-6 50GA -320 1 26-1
50GA -316 0 30-5 50GA -319 0 30-6 50GA -320 1 26-1
50GA -319 0 30-6 50GA -320 1 26-1
50GA -320 1 26-1
50GA -322 1 25-1
20-1
50GA -323 0 25-9
50GA -332 1 27-1
50GA -333 0 27-7
50GA -334 1 27-5
50GA -336 0 29-14
50GA -337 0 28-9
50GA -380 1 38-1
50GA -382 0 38-2
50GA -400 0 33-38
50GA -402 0 33-39
50GA -450 0 41-22
50GA -452 0 41-23
50GA -513 0 47-3
50GA -519 0 43-9
50GA -520 0 43-13
50GA -521 0 44-17
50GA -533 0 53-1
50GA -540 0 54-1
50GA -543 0 51-2
50GA -544 0 50-6
50GA -546 1 51-20
50GA -548 0 50-20
50GA -550 0 3-11
50GA -556 0 54-11
50GA -626 1 8-11
50GA -628 0 9-5
50GA -751 0 56-16
50GA -902 0E 58-2
50GA -905 0 9-13
50GA -913 0 41-3
50GA 1006 0 4-5

Parts No.	Page No.
50GA 1007 0E	4-4
50GA 1010 0	2-17
50GA 1011 0	2-22
50GA 1013 0	2-2
50GA 1014 0	2-10
50GA 1015 0	2-13
50GA 1018 0	2-16
50GA 1019 0	2-14
50GA 1021 0	2-12
50GA 1023 0D	4-3
50GA 1024 0	2-21
50GA 1026 0	71-1
50GA 1030 0	2-4
50GA 1031 0	57-12
50GA 1360 00	58-5
50GA 1503 0	13-18
50GA 1504 0E	16-18
50GA 1506 0	12-11
50GA 1507 0F	16-15
50GA 1509 1	16-2
50GA 1518 1E	13-9
50GA 1522 0E	12-17
50GA 1541 0	12-25
50GA 1545 0	12-20
50GA 1547 0	12-26
50GA 1548 0	13-23
50GA 1550 0	12-5
50GA 1551 0	13-6
50GA 1552 0	12-7
50GA 1553 0	12-14
50GA 1554 0	12-15
50GA 1555 0	13-16
50GA 1556 0	13-11
50GA 1557 0	13-17
50GA 1559 0	13-12
50GA 1560 0	13-10
50GA 1561 0E	12-16
50GA 1562 0	13-15
50GA 1563 0	13-13
50GA 1564 0	13-14

Parts No.	Page No.
50GA 1565 0	12-23
50GA 1566 0	12-4
50GA 1605 0	14-1
50GA 1610 0	14-19
50GA 1611 0	14-5
50GA 1612 0	14-7
50GA 1613 0	14-2
50GA 1614 0E	14-16
50GA 1616 0	14-11
50GA 1617 0	14-12
50GA 1618 0F	14-17
50GA 1619 1	14-3
50GA 1620 0E	14-15
50GA 1640 1E	16-32
50GA 1703 0	15-12
50GA 1751 0	15-16
50GA 1752 0	15-14
50GA 1753 0	15-15
50GA 1760 1E	15-8
50GA 1811 1G	16-4
50GA 1822 0D	16-10
50GA 1824 1E	16-14
50GA 1841 0	16-9
50GA 1842 0	16-12
50GA 1843 0	16-11
50GA 1851 0	16-1
50GA 1852 3I	16-5
50GA 1853 2G	16-8
50GA 1854 2G	16-17
50GA 1855 2G	16-13
50GA 1856 0	12-8
50GA 1857 0	12-9
50GA 1858 0E	12-10
50GA 1859 2G	16-16
50GA 2007 0	20-3
50GA 2035 0E	17-3
50GA 2104 00	12-24
50GA 2501 00	14-14
50GA 2506 0	21-8
50GA 2509 0	21-17

	•
Parts No.	Page No.
50GA 2604 0	22-7
50GA 2606 0E	22-13
50GA 2607 0F	22-6
50GA 2619 1E	22-2
50GA 3014 0	24-6
50GA 3015 0	24-1
50GA 3017 0	24-26
50GA 3018 0	24-20
50GA 3071 0	3-13
50GA 3074 0	2-15
50GA 3157 0	23-7
50GA 3160 0	23-6
50GA 3161 0	23-5
50GA 3208 0	26-20
50GA 3210 2I	28-2
50GA 3211 1F	29-16
50GA 3223 0	29-6
50GA 3251 0	26-8
50GA 3252 0	26-2
50GA 3253 0	26-5
50GA 3270 0	26-4
50GA 3271 0	25-2
50GA 3272 0	25-3
50GA 3282 2F	27-11
50GA 3285 1	27-8
50GA 3302 0	29-12
50GA 3303 0	29-1
50GA 3304 0	28-7
50GA 3305 0E	29-15
50GA 3306 0E	28-5
50GA 3307 1	29-4
50GA 3308 0E	28-1
50GA 3309 1E	28-6
50GA 3310 0	27-14
50GA 3311 0	27-12
50GA 3312 0	27-10
50GA 3313 0	29-13
50GA 3314 0	29-10
50GA 3315 2F	28-4
50GA 3316 1E	29-8

Parts No.	Page No.
50GA 3317 0E	29-5
50GA 3318 2	28-3
50GA 3319 0	28-8
50GA 3321 0	28-10
50GA 3322 0	26-11
50GA 3323 0E	26-3
50GA 3324 0	29-2
50GA 3325 0	29-11
50GA 3326 0	27-13
50GA 3332 0	28-11
50GA 3333 0	29-9
50GA 3813 0	38-25
50GA 3848 0	38-10
50GA 3849 0	38-9
50GA 3854 1F	38-5
50GA 3858 1F	38-6
50GA 3861 0	38-14
50GA 3865 0E	38-11
50GA 3867 0E	38-24
50GA 3868 0E	38-15
50GA 3869 1F	38-8
50GA 3870 0E	38-4
50GA 3875 0D	38-3
50GA 3879 0	38-13
50GA 4001 0	32-3
50GA 4002 0	32-22
50GA 4003 0	32-21
50GA 4005 0	33-18
50GA 4006 00	34-21
50GA 4007 00	34-20
50GA 4008 00	42-10
50GA 4009 00	42-9
50GA 4402 0	39-21
50GA 4406 0	39-2
50GA 4407 0	39-10
50GA 4410 0E	39-23
50GA 4508 0	41-9
50GA 4509 0	41-27
50GA 4521 0D	41-7
50GA 4522 1	41-4

	3/1
Parts No.	Page No.
50GA 4527 0	41-26
50GA 4528 0	41-21
50GA 4531 1	41-18
50GA 4532 0	41-17
50GA 4533 0	41-5
50GA 4535 1	41-6
50GA 4539 0	41-20
50GA 4553 0	41-8
50GA 4558 0	41-15
50GA 4559 0	41-16
50GA 4565 0	41-25
50GA 4569 1E	14-8
50GA 4570 0	47-14
50GA 4571 0	41-2
50GA 4572 0	47-15
50GA 4573 0	41-14
50GA 4574 0	41-13
50GA 4575 0	41-12
50GA 5001 0	44-4
50GA 5001 0	46-18
50GA 5003 0	47-11
50GA 5004 1F	48-3
50GA 5006 0	47-19
50GA 5007 0	47-13
50GA 5008 0	47-20
50GA 5009 0	48-12
50GA 5010 0	47-7
50GA 5011 0	47-10
50GA 5012 0	43-2
50GA 5014 0	48-13
50GA 5015 0	48-14
50GA 5016 0	43-6
50GA 5017 0	43-20
50GA 5019 0	2-11
50GA 5020 0	3-6
50GA 5021 0	3-8
50GA 5022 0	2-9
50GA 5023 0	3-5
50GA 5024 0	3-7
50GA 5027 0	48-5

Parts No.	Page No.
50GA 5028 0	48-1
50GA 5031 0	43-1
50GA 5033 0	43-17
50GA 5035 0	44-7
50GA 5039 0	3-1
50GA 5040 0	47-18
50GA 5041 0	46-22
50GA 5043 0	47-21
50GA 5045 0	48-2
50GA 5047 0E	47-2
50GA 5048 0	47-9
50GA 5049 0	47-6
50GA 5051 0	47-4
50GA 5053 0	47-1
50GA 5055 0	44-16
50GA 5056 0E	47-5
50GA 5057 0	44-15
50GA 5058 00	43-16
50GA 5061 00	43-12
50GA 5062 00	48-9
50GA 5303 0	49-4
50GA 5304 0	49-13
50GA 5307 0	49-14
50GA 5308 0	49-11
50GA 5330 0D	51-5
50GA 5336 0	50-18
50GA 5343 0	54-6
50GA 5347 0	54-13
50GA 5351 0	54-3
50GA 5359 0	49-12
50GA 5360 0	49-10
50GA 5365 1E	50-19
50GA 5366 0	3-12
50GA 5378 0	50-15
50GA 5389 0	49-15
50GA 5390 0	49-9
50GA 5404 0	51-13
50GA 5405 0	50-14
50GA 5406 0	49-7
50GA 5417 0	51-9

Parts No.	Page No.
50GA 5429 0	51-8
50GA 5442 0	50-11
50GA 5450 0	50-5
50GA 5451 0	50-8
50GA 5452 0	50-2
50GA 5453 0	50-4
50GA 5454 0	49-3
50GA 5460 0	54-4
50GA 5461 1	52-34
50GA 5462 0	52-35
50GA 5463 0	52-36
50GA 5464 0E	50-9
50GA 5465 0	4-9
50GA 5466 0	4-8
50GA 5467 0	4-7
50GA 5468 0	4-10
50GA 5469 0	51-23
50GA 5470 0	51-22
50GA 5471 0	54-19
50GA 5472 1	54-17
50GA 5473 1E	51-19
50GA 5474 0	50-12
50GA 5481 0	52-37
50GA 5482 0	52-21
50GA 5483 0D	51-17
50GA 5484 0	51-15
50GA 5485 0	51-14
50GA 5486 0E	53-15
50GA 5487 0	52-31
50GA 5488 0	54-20
50GA 5492 0	52-32
50GA 5493 1E	51-18
50GA 5494 0	50-7
50GA 5495 0	53-10
50GA 6111 0	9-3
50GA 6112 0	9-14
50GA 6120 0	10-24
50GA 6122 0	10-16
50GA 6182 0	5-9
50GA 6211 0	9-15

Parts No.	Page No.
50GA 6212 0	9-20
50GA 6214 0	9-10
50GA 6251 0E	9-11
50GA 6252 0	9-2
50GA 6258 0	9-21
50GA 6259 0	9-19
50GA 6271 01	55-15
50GA 7227 00	53-13
50GA 7296 00	51-16
50GA 7334 0	58-1
50GA 7337 1	57-11
50GA 7338 1	57-4
50GA 7339 0	57-19
50GA 7341 0	56-3
50GA 7342 0	56-19
50GA 7343 0	56-10
50GA 7344 0	57-8
50GA 7346 0E	57-16
50GA 7347 0	56-4
50GA 7348 1	56-5
50GA 7349 1	56-6
50GA 7350 0	56-13
50GA 7351 0	56-14
50GA 7355 0	57-17
50GA 7359 0	56-11
50GA 7376 1	56-7
50GA 7377 0	58-4
50GA 7379 0E	57-18
50GA 7380 0	56-15
50GA 7391 0	57-10
50GA 8002 0	9-17
50GA 8051 0	4-6
50GA 8052 0	57-13
50GA 8202 0	33-19
50GA 8202 0	38-22
50GA 8203 0	46-9
50GA 8401 0	56-2
50GA 8451 0	56-1
50GA 8601 00	40-2
50GA 9002 0	66-1

Parts No.	Page No.
50GA 9003 0	63-1
50GA 9004 0	61-1
50GA 9005 1	61-2
50GA 9006 0	65-1
50GA 9008 0	65-2
50GA 9009 0	65-3
50GA 9011 0E	61-3
50GA 9012 0	61-4
50GA 9013 0	61-5
50GA 9014 0	61-6
50GA 9016 0	61-7
50GA 9017 1	66-2
50GA 9019 0	61-8
50GA 9020 0	65-5
50GA 9024 0	61-9
50GA 9026 0	62-1
50GA 9027 0	62-2
50GA 9029 0	65-4
50GA 9030 0	64-7
50GA 9031 0	62-3
50GA 9032 0E	62-4
50GA 9033 0	64-1
50GA 9034 0	64-2
50GA 9035 0	64-3
50GA 9037 0	62-5
50GA 9038 0	62-6
50GA 9039 0	62-7
50GA 9042 0	62-8
50GA 9050 0	63-2
50GA 9746 0	48-7
50GA 9746 0	52-28
50GA 9747 0E	52-29
50GA 9748 0E	52-27
50GA 9749 0E	38-16
50GA 9795 1E	17-1
50GA M32A 00	49-2
50GA M33A 00	49-1
50GE 3315 2F	28-4
50GE 8302 1	49-2
50GE 8303 1	49-1

	0/7
Parts No.	Page No.
50GF 3315 2F	28-4
50GF 8302 1 50GF 8303 1	49-2
	49-1
50GF 8451 1	56-1
56AA 1783 0	22-4
56AA 8551 1	9-7
56AA 8553 1	8-3
56QA 7507 0	10-25
56UA 9792 0	8-15
56UA 9792 0	24-32
56UA 9792 0	41-24
57AA 8203 0	38-19
5850 9705 0	58-3
65AA 1130 0	56-8
6852 8604 0	57-6
9313 1100 33	39-9
9313 1100 33	47-12
9314 1200 91	39-11
9321 2200 32	39-15
9322 1500 12	16-24
9322 1500 12	33-30
9326 1910 31	37-15
9332 5710 11	2-23
9334 2610 12	8-17
9335 1300 61	9-8
9335 1300 61	29-3
9335 1300 61	46-4
9335 1300 61	53-6
9373 2200 11	8-21
9381 4101 31	57-5
9384 1600 11	70-5
9384 1600 11	71-7
9J06 M103 00	55-8
9J06 M200 00	36-21
9J06 M201 00	36-10
A00J 1682 02	5-2
A00J 1685 02	5-3
A00J 1689 02	5-1
A00J 1691 00	5-5
A00J 1699 01	71-6

Parts No.	Page No.	
A00J 1919 00	7-10	A0R5
A00J 6234 00	42-17	A0R5
A00J 9437 00	71-15	A0R5
A00J 9455 00	71-13	A0R5
A00J H00E 00	5-4	A0R5
A02E 1683 00	7-22	A0R5
A02E 1694 00	7-18	A0R5
A02E 1911 00	7-7	A0R5
A02E 1912 00	7-16	A0R5
A02E 1913 02	7-5	A0R5
A02E 1914 02	7-11	A0R5
A02E 1915 02	7-12	A0R
A02E 1916 01	7-4	A0R
A02E 1917 01	7-15	A0R
A02E 1918 00	7-17	A0R5
A02E 1921 01	7-20	A0R5
A02E 1922 01	7-25	A0R
A02E 1923 01	7-24	A0R5
A02E 1924 00	7-19	A0R5
A02E 1925 00	7-23	A0R5
A02E 1926 01	7-21	A0R5
A02E 1927 01	7-9	A0R5
A02E 1928 01	7-1	A0R5
A02E 1930 00	7-3	A0R5
A02E 1931 01	7-8	A0R
A02E 1932 01	7-14	A0R5
A02E 1933 00	7-13	A0R
A02E 1934 00	7-2	A0R
A02E 2639 00	2-7	A0R
A02E 9412 00	42-43	A0R
A02E 9481 00	7-27	A0R5
A02E 9482 00	7-27	A0R5
A02E 9483 00	7-27	A0R5
A02E 9486 00	7-29	A0R5
A02E 9487 00	7-29	A0R5
A02E 9490 00	7-28	A0R5
A02E 9491 00	7-28	A0R5
A02E 9494 00	7-30	A0R5
A0R5 1012 01	2-20	A0R5
A0R5 1016 00	2-3	A0R5

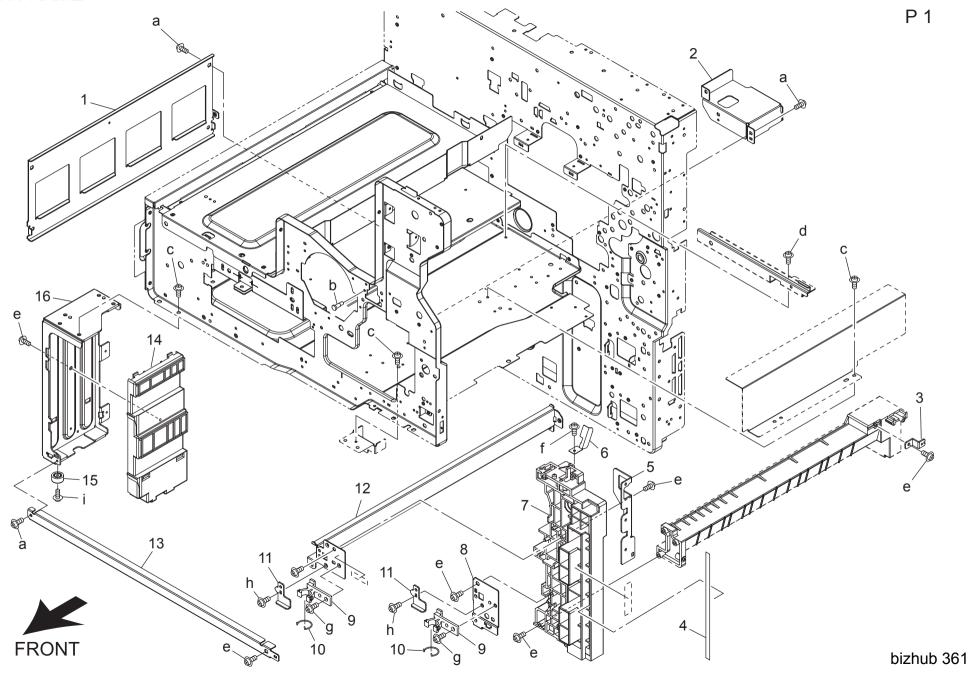
Parts No.	Page No.
A0R5 1017 00	2-6
A0R5 1017 00	71-2
A0R5 1032 00	2-8
A0R5 1033 00	2-5
A0R5 1126 00	1-7
A0R5 1137 00	2-18
A0R5 1354 00	58-18
A0R5 1356 00	58-7
A0R5 1357 00	58-16
A0R5 1361 00	58-13
A0R5 1362 00	58-14
A0R5 1363 00	6-9
A0R5 1364 00	6-8
A0R5 1374 00	58-9
A0R5 1388 00	8-19
A0R5 1389 01	8-18
A0R5 1601 00	6-15
A0R5 1603 00	6-10
A0R5 1604 00	5-6
A0R5 1605 00	6-4
A0R5 1607 00	6-6
A0R5 1608 00	6-23
A0R5 1621 00	5-14
A0R5 1623 00	5-8
A0R5 1624 00	5-7
A0R5 1625 00	5-13
A0R5 1634 00	6-26
A0R5 1641 00	42-44
A0R5 1651 00	42-45
A0R5 1674 00	6-3
A0R5 1675 01	6-1
A0R5 1676 00	6-17
A0R5 1677 00	71-3
A0R5 1678 01	6-2
A0R5 1679 00	6-16
A0R5 1680 00	71-4
A0R5 1681 01	5-18
A0R5 1682 01	5-17
A0R5 1707 01	5-16
A0R5 1708 01	6-7

Parts No.	Page No.
A0R5 1711 00	6-18
A0R5 1712 00	71-5
A0R5 1713 00	5-15
A0R5 1714 00	6-13
A0R5 1715 00	6-11
A0R5 1716 00	6-14
A0R5 1719 00	6-24
A0R5 1761 01	6-12
A0R5 1762 00	6-5
A0R5 2650 00	8-16
A0R5 2651 00	7-6
A0R5 2653 00	8-7
A0R5 2654 00	8-6
A0R5 2657 00	8-8
A0R5 5611 00	34-1
A0R5 5630 00	34-28
A0R5 6008 00	37-25
A0R5 6009 00	35-1
A0R5 6010 00	37-2
A0R5 6011 00	37-4
A0R5 6023 00	37-22
A0R5 6025 00	35-7
A0R5 6026 00	37-16
A0R5 6042 00	35-21
A0R5 6059 00	37-23
A0R5 6066 00	37-6
A0R5 6108 01	37-29
A0R5 6221 00	42-40
A0R5 6299 00	42-42
A0R5 8102 00	47-8
A0R5 8105 00	48-11
A0R5 8129 00	44-2
A0R5 8130 00	44-10
A0R5 8136 00	45-1
A0R5 8137 00	43-8
A0R5 8138 00	46-21
A0R5 8206 00	46-1
A0R5 8221 00	48-10
A0R5 8251 00	44-8
A0R5 8703 00	39-20

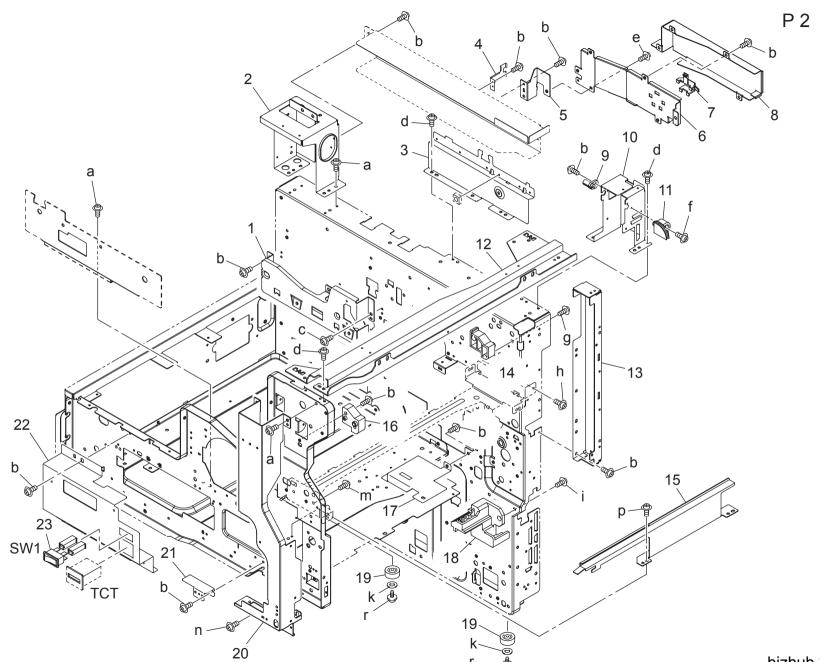
Parts No.	Page No.
A0R5 8704 00	39-1
A0R5 8705 00	39-3
A0R5 8711 00	39-8
A0R5 8820 00	39-7
A0R5 9421 01	35-22
A0R5 9421 01	44-11
A0R5 9422 00	6-21
A0R5 9426 00	5-12
A0R5 9428 00	45-2
A0R5 9430 00	37-24
A0R5 9434 01	42-47
A0R5 9435 01	42-46
A0R5 A162 00	6-19
A0R5 A620 02	42-18
A0R5 H010 06	58-6
A0R5 H030 00	8-20
A0R5 M103 00	12-2
A0R5 M103 00	13-1
A0R5 M103 00	15-1
A0R5 M710 00	7-26
A0R5 N100 00	59-5
A0R5 N101 00	59-6
A0R5 N105 00	59-3
A0R5 R700 00	11-1
A0R5 R701 00	30-1
A0R5 R703 00	35-27
A0R5 R704 00	35-27
A0R5 R705 00	35-27
A0R5 R707 00	9-1
A0R7 9451 01	6-25
A0RA 1701 01	71-14
SP00 -011 2	50-10
V116 0306 03	71-12
V121 0306 03	71-10
V121 0308 04	71-11
V123 0450 03	71-9
V137 0308 04	71-8
V500 0100 03	69-3
V500 0100 04	69-5
V500 0100 05	69-26

	111
Parts No.	Page No.
V500 0100 07	69-25
V500 0100 08	69-2
V500 0100 20	69-12
V500 0100 22	69-1
V500 0100 26	69-17
V500 0100 28	69-18
V500 0100 29	69-19
V500 0100 35	69-38
V500 0100 46	69-10
V500 0100 47	69-33
V500 0100 61	69-11
V500 0200 05	69-14
V500 0200 10	69-28
V500 0200 27	69-40
V500 0200 29	69-37
V500 0200 55	69-39
V501 0100 01	69-29
V501 0100 06	69-27
V501 0100 09	70-4
V501 0100 12	69-32
V502 0100 17	70-1
V502 0100 44	69-34
V502 0100 45	69-35
V502 0100 46	69-36
V502 0100 54	58-10
V570 0100 07	69-15
V570 0100 08	69-16
V570 0100 12	69-23
V570 0100 21	69-30
V570 0100 23	69-6
V570 0100 26	69-7
V570 0100 27	69-8
V570 0100 28	69-9
V570 0100 31	69-31
V570 0100 39	69-4
V570 0100 50	69-13
V590 0400 02	57-20
V651 0100 01	69-24
V651 0100 05	70-2
V651 0200 01	70-3

MAIN FRAME



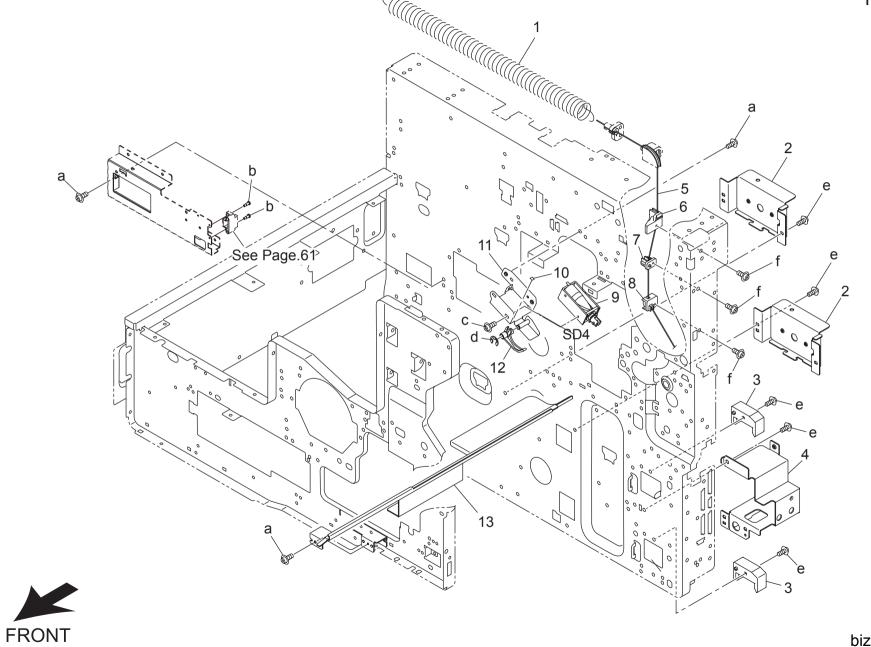
MAIN FRAME



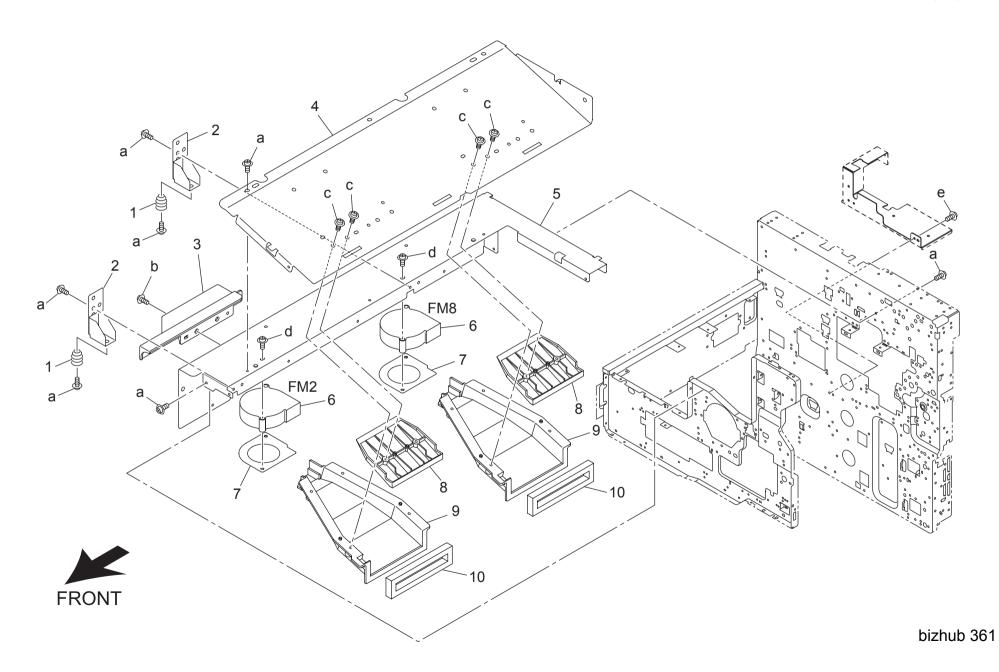


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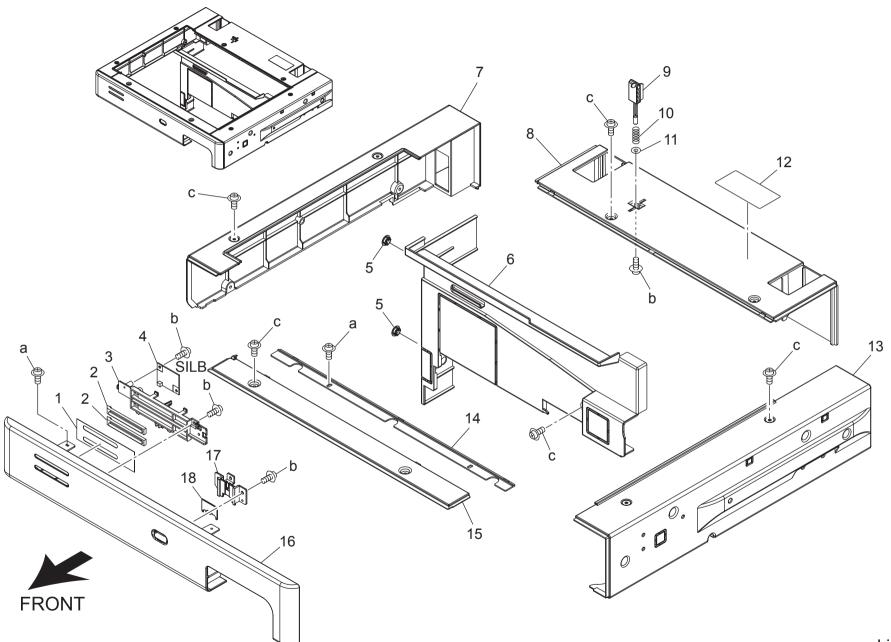
MA	N FRAME						Page. 2
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	4030 2018 01	BRACKET	取付板		D	1	a-V144 0306 03 b-V121 0306 03
2	50GA 1013 0	READ MOUNTING PEDESTAL /LEFT	読取取り付け台/左		D	1	c-V121 0306 03 c-V137 0308 03
3	A0R5 1016 00	Board Mounting Stay /Rear	基板取り付けステー/奥		D	1	d-V137 0306 03
4	50GA 1030 0	EXTERNAL SUPPORT PLATE /1	外装支持板/1		D	1	e-V121 0306 04
<u>5</u>	A0R5 1033 00	Holding Plate /C	押さえ板/ C		D	1	f-V121 0314 03 g-V151 0408 03
7	A0R5 1017 00 A02E 2639 00	Holding Plate /A Cord clamp	押さえ板/ A コード押え (パネルハーネス)		D D	1 1	h-V121 0304 03
8	A0R5 1032 00	Holding Plate /B	コート押え(ハネルハーネス) 押さえ板/ B		D	1	i-V153 0410 03
9	50GA 5022 0	WIRE SUPPORT PART 4	ワイヤー支持部材 4		C	1	k-V207 0300 01
10	50GA 1014 0	READ MOUNTING PEDESTAL /RIGHT	読取取り付け台/右		D	1	m-V123 0306 03 n-V153 0408 03
11	50GA 5019 0	WIRE SUPPORT PART 1	ワイヤー支持部材 1		C	1	p-V144 0306 03
12	50GA 1021 0	READ MOUNTING STAY	読取取り付けステー		Ď	1	r-V137 0310 03
13	50GA 1015 0	BOARD MOUNTING STAY /RIGHT	基板取り付けステー/右		D	1	
14	50GA 1019 0	ADU LOCK PART/REAR	ADU ロック部材/奥		C	1	
15	50GA 3074 0	DEVELOPING RAIL /LEFT	現像 レール/左		D	1	
16	50GA 1018 0	ADU LOCK PART/ FRONT	ADU ロック部材/前		С	1	
17	50GA 1010 0	REINFORCE STAY /2	補強ステー/2		D	1	
18	A0R5 1137 00	Holder	ホルダ		D	1	
19	4030 2080 01	RUBBER FOOT	ゴム足		D	2	
20	A0R5 1012 01	Reinforce Stay /4	補強ステー/4		D	1	
21	50GA 1024 0	MOUNTING PLATE /1	取り付け板/1		D	1	
22	50GA 1011 0	REINFORCE STAY /3	補強ステー/3		D	1	
23	9332 5710 11	SWITCH	スイッチ		С	1	
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Key	Part No.		Description	Destinations	Class	QTY	Standard part
			•	Destinations		·	
1	50GA 5039 0	ADU HOLDING SPRING	ADU 押えバネ		С	1	a-V121 0306 03
2	4030 2062 01	BRACKET	取付板		D	2	b-1079 2219 01
3	4030 2009 01	GUIDE	ガイド		D	2	c-V121 0304 03
4	4030 2039 02	BRACKET	取付板		D	1	d-V217 0400 50
5	50GA 5023 0	ADU STOPPER WIRE	ADU 突き当てワイヤー		C	1 1	e-V137 0306 03
							f-V151 0308 03
6	50GA 5020 0	WIRE SUPPORT PART 2	ワイヤー支持部材 2		С	1	
7	50GA 5024 0	WIRE SUPPORT PART 5	ワイヤー支持部材 5		С	1	
8	50GA 5021 0	WIRE SUPPORT PART 3	ワイヤー支持部材 3		С	1	
9	26NA R709 00	ADU SOLENOID SHAFT ASSY	ADU ソレノイド軸部組		D	1	
10	27LA 5446 0	SOLENOID STOPPER	ソレノイドストッパ		D	1	
		SOLENOID STOFFER					4
11	50GA -550 0	SOLENOID MOUNTING PLATE CAULKI	ソレノイド取り付け板カシメ		D	1	
12	50GA 5366 0	SOLENOID ACTUATOR	ソレノイドアクチェタ		С	1	
13	50GA 3071 0	DEVELOPING RAIL /RIGHT	現像 レール/右		D	1	
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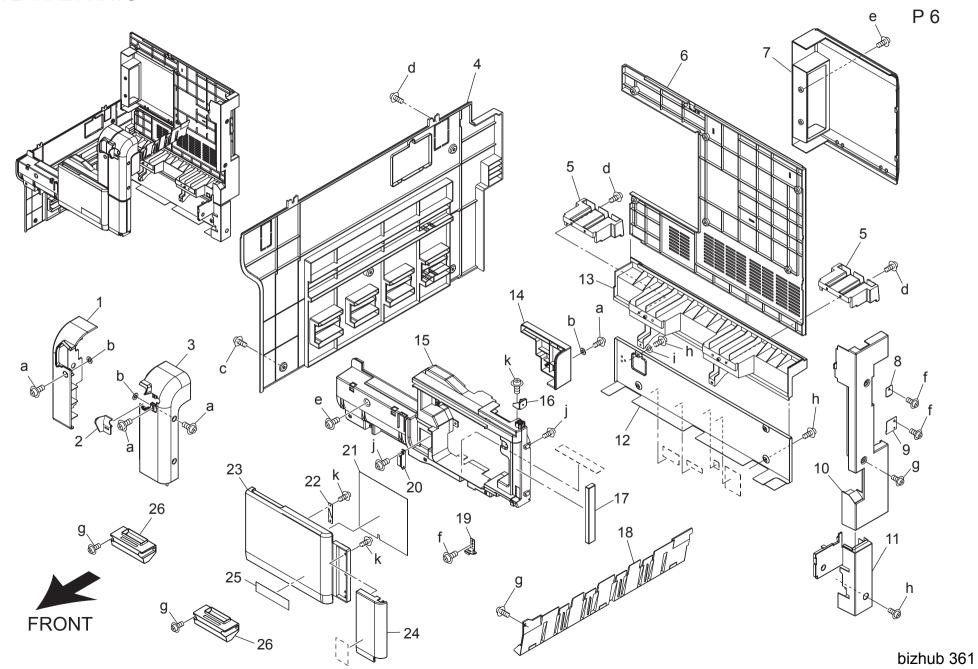


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Key	Part No.		Description	Destinations	Class	QTY	Standard parts		
1 2 3 4 5 6 7 8	26NA 6529 0 26NA 6528 0 50GA 1023 0D 50GA 1007 0E 50GA 1006 0 50GA 8051 0 50GA 5467 0 50GA 5466 0 50GA 5465 0	WRITING MOUNT SPRING WRITING MOUNT PART Guide Part /F Reinforce Stay /B SUPPLY STAY /A COOLING FAN MOTOR FAN MOUNTING PLATE ROLLER COOLING DUCT 4 ROLLER COOLING DUCT 3	書込み取り付けバネ 書込み取り付け部材 ガイド部材/ F 補強ステー/ B 補給ステー/ A 冷却ファンモータ ファン取り付け板 ローラ冷却ダクト 4 ローラ冷却ダクト 3		D D D D D D D D D D D D D D D D D D D	2 2 1 1 1 2 2 2 2	a-V121 0306 03 b-V121 0306 04 c-V151 0308 03 d-V121 0320 03 e-V137 0306 03		
10	50GA 5468 0	SEALING PART	シール部材		D	2			



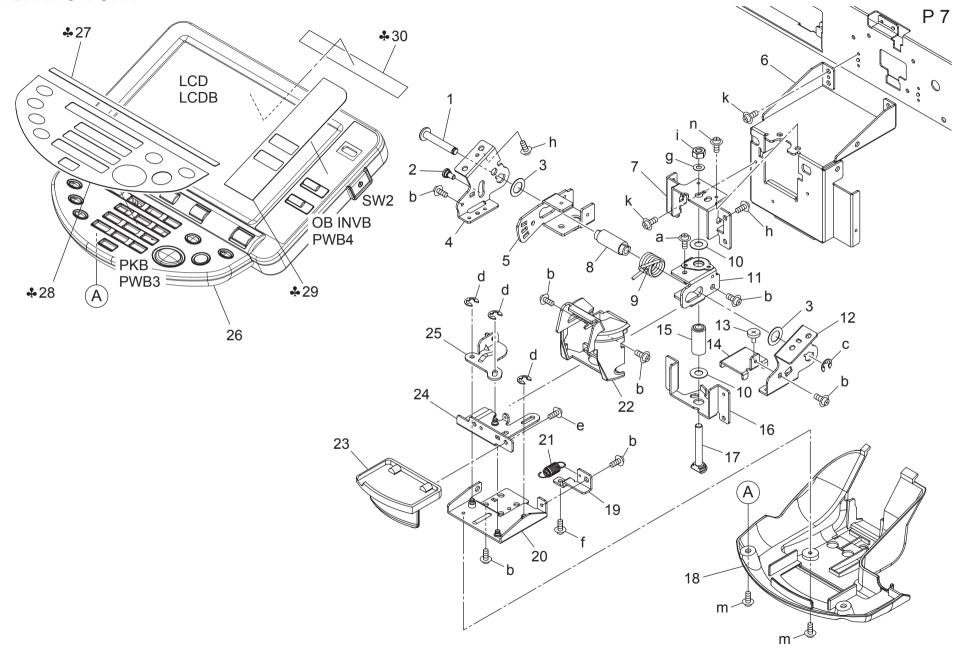
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1	A00J 1689 02	Light blocking Plate			C	1	
2	A00J 1682 02	Lens /B	レンズ/ B		Č	2	a-V121 0306 03 b-V151 0308 03 c-V121 0306 04
3	A00J 1685 02	Light blocking Cover /C	遮光カバー/ C		D	1	c-V121 0306 04
	A00J H00E 00	PWB Assembly LED2	基板 A S S Y L E D 2				
4	A00J H00E 00		蓋		C		
5	A00J 1691 00	Cover				2	_
6	A0R5 1604 00	Cover /Rear	カバー/奥		C	1	
7	A0R5 1624 00	Read Cover /Left	読取カバー/左		С	1	
8	A0R5 1623 00	Read Cover /Rear	読取カバー/奥		С	1	
9	50GA 6182 0	ADF DETECTION ACTUATOR	ADF 検知アクチェタ		С	1	
10	26NA 6213 0	DETECTING SPRING	検知バネ		С	1	
11	26NA 1255 0	SPRING REGULATING SHEET	バネ規制シート		С	1	1
12	A0R5 9426 00	Label	ラベル		С	1	
13	A0R5 1625 00	Read Cover /Right	読取カバー/右		C	1	
14	A0R5 1621 00	Part /Front	部材/前		D	1	
15	A0R5 1713 00	Mounting Plate /2	取付板/2		D		
16		Read Cover /Front	・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・			- '	4
	A0R5 1707 01				С	1	
17	A0R5 1682 01	Guide	ガイド		C	1	
18	A0R5 1681 01	Cover	カバー		С	1	
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							1
							1

EXTERNAL PARTS

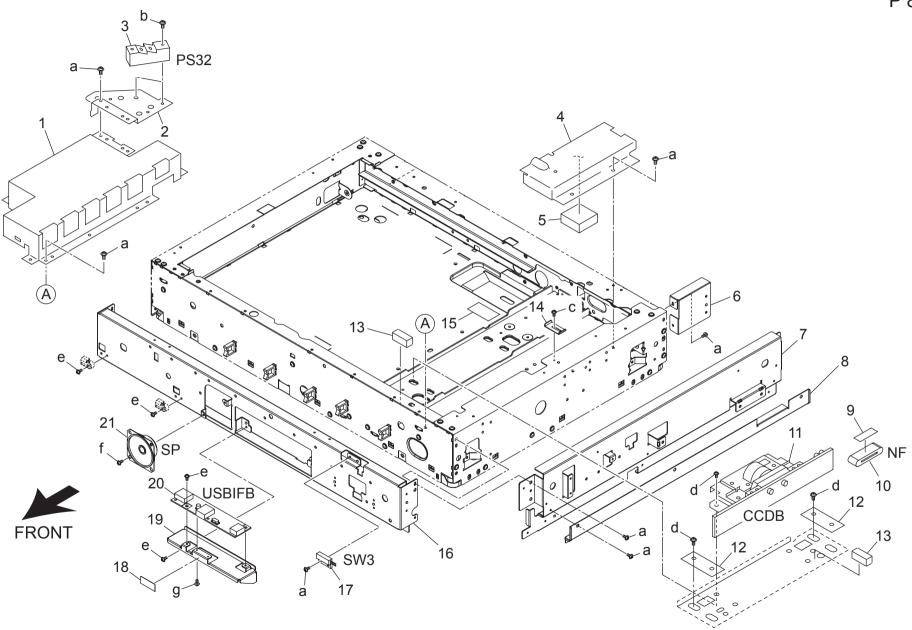


у	Part No.		Description	Destinations	Class	QTY	Standard part
	A0R5 1675 01	Operation Cover /Left	操作カバー/左		С	1	a-V121 0310 03
	A0R5 1678 01	Operation Cover /3	操作カバー/3		С	1	b-V211 0300 80
	A0R5 1674 00	Operation Cover /Right	操作カバー/右		С	1	c-V137 0306 04
	A0R5 1605 00	Cover /Left	カバー/左		C	1	d-V137 0310 04
	A0R5 1762 00	Handle	取手		Ď	2	e-V121 0308 04 f-V121 0306 03
	A0R5 1607 00	Cover /1	カバー/1		C	1	g-V121 0306 04
	A0R5 1708 01	Cover	カバー		Č	1 1	h-V137 0308 04
	A0R5 1364 00	Cover	カバー		D	1	i-V209 0300 03
			カバー				j-V145 0308 03
	A0R5 1363 00	Cover			D	1	k-V151 0308 03
	A0R5 1603 00	Rear Cover /Right	背面		С	1	
	A0R5 1715 00	Cover	カバー		С	1	
	A0R5 1761 01	Cover	カバー (背面下)		С	1	
3	A0R5 1714 00	Cover /2	カバー/2		С	1	
ı l	A0R5 1716 00	Auxiliary Cover /1	補助カバー/ 1		С	1	
	A0R5 1601 00	Main body Cover /Front	本体		C	1	
	A0R5 1679 00	Plate	板		D	1	
	A0R5 1676 00	Cover	カバー		C		
			ガバー 排紙カバー/ A		C		
	A0R5 1711 00	Paper exit Cover /A					
	A0R5 A162 00	FULCRUM PLATE ASSY	支点板 ASSY		D	1	
	0830 2014 0	STOPPER MATERIAL	ストッパー部材		С	1	
	A0R5 9422 00	Label	ラベル		С	1	
	26NA 1240 1	MAGNET PRESSURE PLATE	マグネット突き当て板		D	1	
	A0R5 1608 00	Cover	カバー		С	1	
	A0R5 1719 00	Cover	カバー		č	l i	
	A0R7 9451 01	Label	ラベル (bizhub 361)		Č	1	
	A0R7 9451 01 A0R5 1634 00	Front Lifting Handle	前面持ち上げ把手		C	2	_

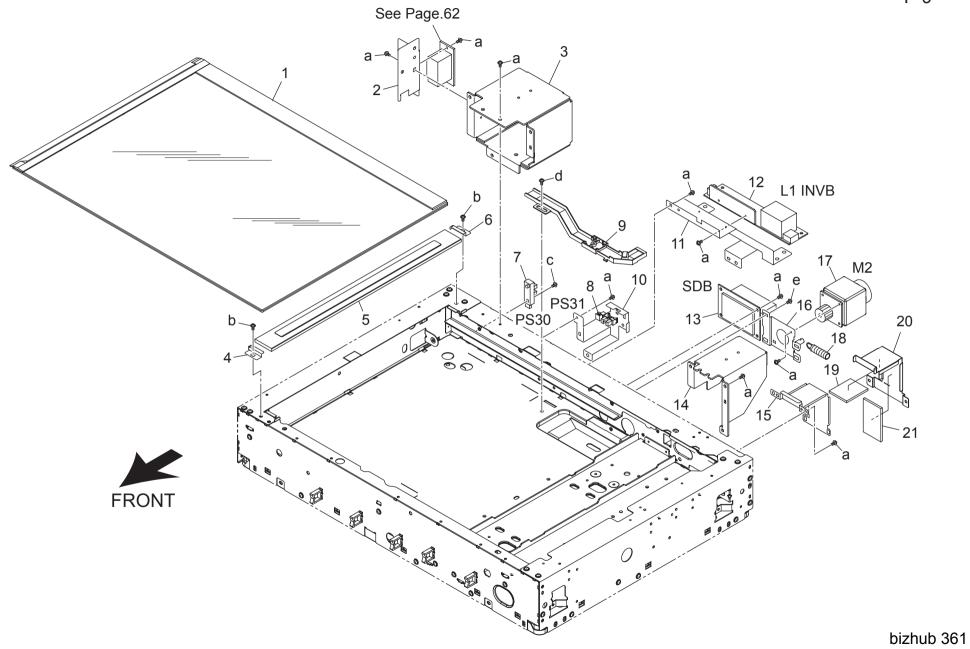
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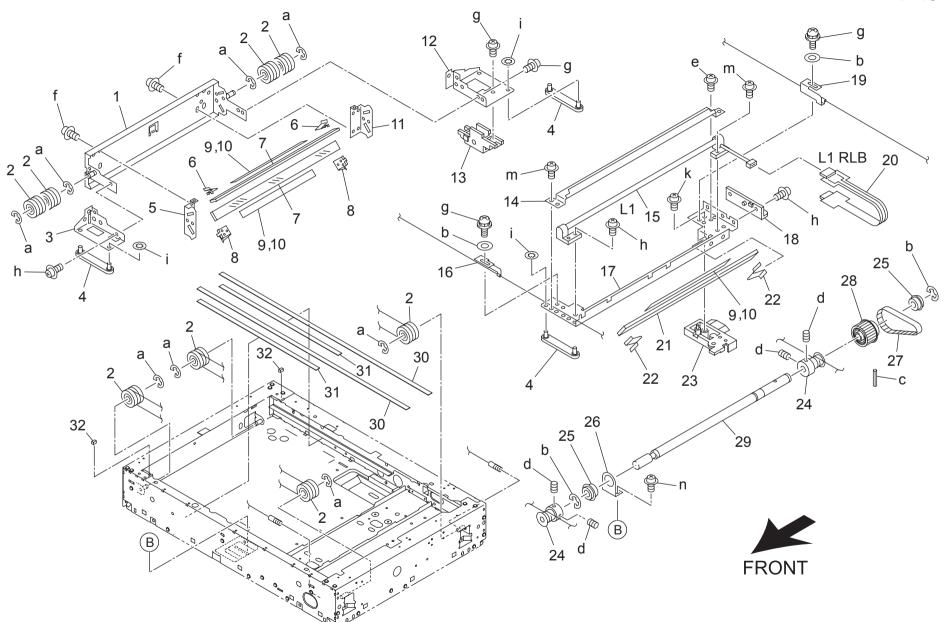
Key	Part No.		Description	Destinations	Class	QTY	Standard par
1	A02E 1928 01	Stay	支柱(パネル・可動)		D	1	a-V116 0306 03
2	A02E 1934 00	Shoulder screw	段ねじ(パネルロック)		С	1	b-V137 0306 03
3	A02E 1930 00	Washer	ワッシャ(パネル・右)		С	2	c-V217 0500 01
1	A02E 1916 01	Bracket	取付板 (パネル・左)		D	1	d-V217 0300 0 e-V153 0308 03
5	A02E 1913 02	Arm	アーム (パネル・左)		D	1	f-V137 0308 03
3	A0R5 2651 00	Auxiliary Plate /A	補助板/A		D	1	g-V205 0600 03
7	A02E 1911 00	Bracket	取付板(パネル・上)		D	1	g-V205 0600 0 h-V136 0308 0
;	A02E 1911 00 A02E 1931 01	Collar	カラー (パネル・2)		D	1	i-V195 0600 03
)	A02E 1937 01 A02E 1927 01	Torsion Spring	ねじりばね		C		k-V121 0306 0
							m-9646 0308
)	A00J 1919 00	Washer	ワッシャ		C	2	n-9735 0306 1
1	A02E 1914 02	Arm	アーム(パネル・右)		D	1	
2	A02E 1915 02	Bracket	取付板(パネル・右)		D	1	
3	A02E 1933 00	Shoulder screw	段ねじ		С	1	
	A02E 1932 01	Reinforce Plate	補強板		D	1	
	A02E 1917 01	Collar	カラー (パネル)		D	1	
	A02E 1912 00	Bracket	取付板(パネル・下)		D	1	1
	A02E 1918 00	Stay	支柱(パネル)		D	1 1	
	A02E 1694 00	Cover	カバー (パネル・下)		C	1	
	A02E 1094 00 A02E 1924 00	Bracket	取付板(パネル・L)		D		
	A02E 1921 01	Bracket	取付板(パネル・前)		D	1	4
	A02E 1926 01	Pulling Spring	引張りばね		С	1	
	A02E 1683 00	Cover	カバー(パネルヒンジ・中)		С	1	
	A02E 1925 00	Handle	取手		С	1	
	A02E 1923 01	Lever	レバー		С	1	
	A02E 1922 01	Lever	レバー		С	1	
	A0R5 M710 00	Panel assembly	操作パネル ASSY			1	1
	A02E 9481 00	Panel sheet	パネルシート(モード・国内)	A	С	1	
	A02E 9482 00	Panel sheet	パネルシート(モード・北米)	B,G2	Č	1	
	A02E 9483 00	Panel sheet	パネルシート(モード・欧州)	C C	č	1 1	
			パネルシート(キー・国内)	Ä	C		
_	A02E 9490 00	Panel sheet					_
	A02E 9491 00	Panel sheet	パネルシート(キー・北米)	B,G2	С	1	
	A02E 9486 00	Panel sheet	パネルシート (MMUC・国内)	A	С	1	
	A02E 9487 00	Panel sheet	パネルシート(MMUC・北米)	B,G2	С	1	
	A02E 9494 00	Panel sheet	パネルシート(米国水銀法)	B,G2	С	1	
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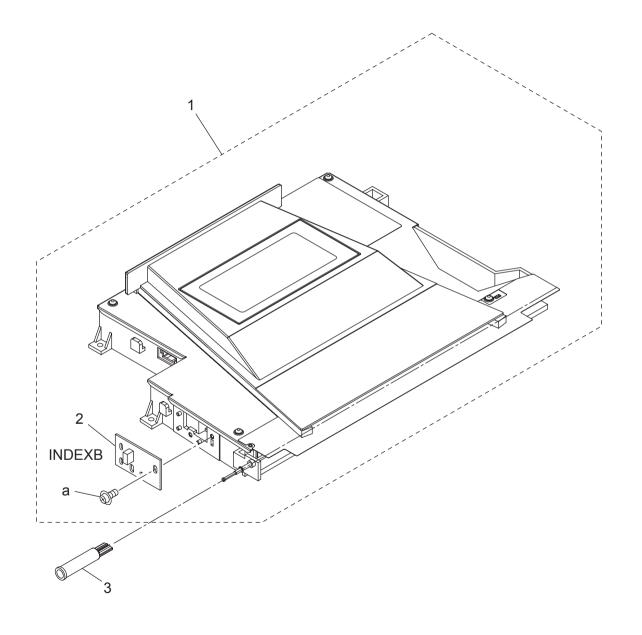
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Key	Part No.	Description		Destinations	Class	QTY	Standard parts	
1	26NA 6173 2	LENS COVER	レンズカバー		С	1	a-V121 0306 03	
2	40LA 6114 0	MOUNTING PLATE	センサー取り付け板		D	1	b-V118 0320 03	
3	56AA 8553 1	APS SENSOR 2	APSセンサ 2		В	1	c-V121 0304 04 d-V123 0306 03	
4	26NA 6181 2	WIRING GUIDE PLATE 1	束線ガイド板 1		D	1	e-V123 0306 03 e-V118 0306 03	
5	26NA 6228 0	WIRING HOLD PART 1	束線押さえ部材 1		D	1	f-V111 0206 03	
6	A0R5 2654 00	Auxiliary Plate /C	補助板/ C		D	1	f-V111 0206 03 g-V121 0308 03	
7	A0R5 2653 00	Auxiliary Plate /B	補助板/B		D	1	3	
8	A0R5 2657 00	Auxiliary Plate /D	補助板/ D		D	1		
9	26TA 6251 0	FIXING SEAL	固定シール		C			
10	26TA 8452 1	NOISE FILTER /1	ノイズ フィルタ/1		Č	1 1		
11	50GA -626 1	CCD UNIT	CCD ユニット		i	1		
12	40LA 6174 1	SCREW FIXING PLATE	ネジ固定板		Ď	2		
13	26NA 6245 1	EARTH SPRING 3	アースバネ 3		D	2		
			ガラス押え板		C			
14	26NA 6216 0	GLASS HOLDING PLATE	カフス押え似		C	1		
15	56UA 9792 0	HIGE VOLTAGE CAUTION LABEL	高圧注意ラベル			1		
16	A0R5 2650 00	Mounting Plate /A	取付板/A		D	1		
17	9334 2610 12	REED SWITCH	リードスイッチ		C	1		
18	A0R5 1389 01	Label	ラベル		D	1		
19	A0R5 1388 00	Plate	板		D	1		
20	A0R5 H030 00	I/F BOARD/H ASSY	I / F 基板/ H ASSY		С	1		
21	9373 2200 11	LOUDSPEAKER	スピーカ		D	1		
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Key	Part No.	Desc	ription	Destinations	Class	QTY	Standard parts
1	A0R5 R707 00	ORIGINAL TABLE GLASS ASSY	原稿台ガラス ASSY		С	1	a-V121 0306 03
2	50GA 6252 0	ADF CONNECTOR /1	ADF コネクタ/1		D	1	b-V121 0304 04
3	50GA 6111 0	ADF MOUNTING PLATE /LEFT	ADF取り付け板/左		D	1	c-V118 0310 03
4	26NA 6130 0	GLASS HOLDER PLATE FRONT	ガラス押さえ板 前		C	1	d-V123 0306 03 e-V123 0308 03
5	50GA -628 0	ORIGINAL TABLE GLASS ASSY 2	原稿台ガラス部組/2		Č	1	e-V123 0308 03
6	26NA 6115 0	GLASS HOLDER PLATE REAR	ガラス押さえ板 奥		C	1	-
7	56AA 8551 1	PHOTO SENSOR	フォトセンサ		В	1	
8	9335 1300 61	PHOTO INTERRUPTER	フォトインタラプタ		В	1	
9	40LA 6201 0	WIRING GUIDE PART 3	フォドインメリンメ 束線ガイド部材 3		D	1	
					D		
10	50GA 6214 0	MOUNTING PLATE /2	センサ取り付け板/2			1	
11	50GA 6251 0E	Board Mounting Plate /No.1	基板取り付け板/1号		D	1	
12	40LA 8351 3	LAMP STARTER	ランプ点灯器		В	1	
13	50GA -905 0	SCANNER DRIVE BOAD ASSY	スキャナ駆動基板部組		I	1	
14	50GA 6112 0	ADF MOUNTING PLATE /RIGHT	ADF取り付け板/右		D	1	
15	50GA 6211 0	WIRING GUIDE PLATE 2	東線ガイド板 2		D	1	
16	40LA 6116 1E	Motor Mounting Plate	モータ取付板		D	1	
17	50GA 8002 0	SCANNER DRIVE MOTOR	スキャナー駆動モータ		С	1	
18	40LA 6246 0	MOTOR TENSION SPRING 1	モータテンションバネ 1		С	1	
19	50GA 6259 0	WIRING HOLDING PART /2	束線押さえ部材/2		D	1	
20	50GA 6212 0	WIRING GUIDE PLATE 3	束線ガイド板 3		D	1	
21	50GA 6258 0	WIRING HOLDING PART /1	束線押さえ部材/1		D	1	
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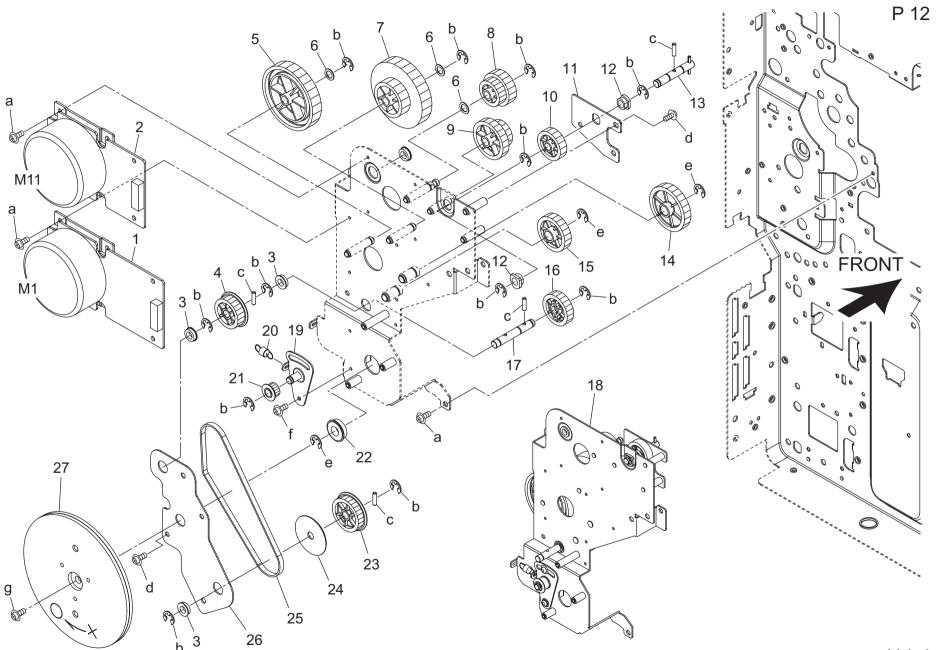
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	26NA R711 00	MIRROR MOUNT PLATE 2 ASSY	ミラー取付板/2部組		D	1	a-V217 0400 50
2	26NA 6194 0	BEARING	ワイヤープーリ		С	8	b-V217 0600 50
3	26NA 6156 0	OPTICS SLIDE PLATE FRONT	光学スライド板 前		D	1	c-V233 3018 50 d-V193 0406 04
4	26NA 6138 0	SLIDE PART	スライド部材		D	3	e-V121 0304 03
5	26NA 6153 1	MIRROR SUPPORT PLATE FRONT	ミラー支持板 前		D	1	f-V118 0310 03
6	26NA 6161 0	MIRROR PRESSURE SPRING 4	ミラー押圧バネ 4		С	2	g-V123 0306 03
7	26NA 6154 0	OPTICS MIRROR 2	光学ミラー 2		С	2	ň-V123 0308 03
8	26NA 6160 0	MIRROR PRESSURE SPRING 3	ミラー押圧バネ 3		C	2	i-V226 0300 50
9	26TA 6252 1	MIRROR REINFORCE PART 1	ミラー補強部材 1		D	3	k-V151 0306 03 m-V118 0303 03
10	26TA 6253 0	STICKING PART1	貼り部材1		D	3	n-V121 0304 04
11	26NA 6239 1	MIRROR SUPPORT PLATE REAR	ミラー支持板 奥		D	1	11 1121 0004 04
12	26NA 6155 1	OPTICS SLIDE PLATE REAR	光学スライド板 奥		D	1	
13	26NA 6159 0	WIRING GUIDE PART 2	束線ガイド部材 2		D		
14	26NA 6137 0	REFLECT MIRROR	反射鏡		C		
15	40LA 8301 1	EXPOSURE LAMP	及初號 露光ランプ		A		
16		OPTICAL WIRE FRONT			C		4
	50GA 6122 0		光学ワイヤーが			1	
17	26NA 6131 0	MIRROR MOUNT PLATE 1	ミラー取り付け板 1		С	1	
18	26NA 6206 0	MIRROR ADJUSTING SCREW	ミラー調整ネジ		D	1	
19	40LA 6121 0	OPTICS WIRE REAR	光学ワイヤー 奥		С	1	
20	26NA -951 2E	POWERING BOARD ASSY	給電基板部組		С	1	
21	26NA 6134 0	OPTICS MIRROR 1	光学ミラー 1		С	1	
22	26NA 6141 0	MIRROR PRESSURE SPRING	ミラー押圧バネ		В	2	
23	26NA 6139 0	WIRING GUIDE PART 1	束線ガイド部材 1		D	1	
24	50GA 6120 0	WIRE DRIVE PULLEY	ワイヤー駆動プーリ		С	2	
25	56QA 7507 0	BEARING/8	駆動軸受 8		С	2	
26	26NA 6175 1	PULLEY FIXED PLATE	フ゜ーリーコテイイタ (04/2)		D	1	
27	40LA 6193 0	MOTOR BELT 160L	モータベルト 160 L		С	1	
28	40LA 6192 0	DRIVING PULLEY 55T	駆動プーリ 55 T		С	1	
29	40LA 6119 0	DRIVE SHAFT	駆動軸		D	1	
30	40LA 6183 0	OPTICS SLIDE SHEET 1	光学スライドシート 1		D	2	
31	26NA 6184 0	OPTICS SLIDE SHEET 2	光学スライドシート 2		С	2	
32	26NA 6232 0	READING SEAL/7	読取 シール/7		D	2	
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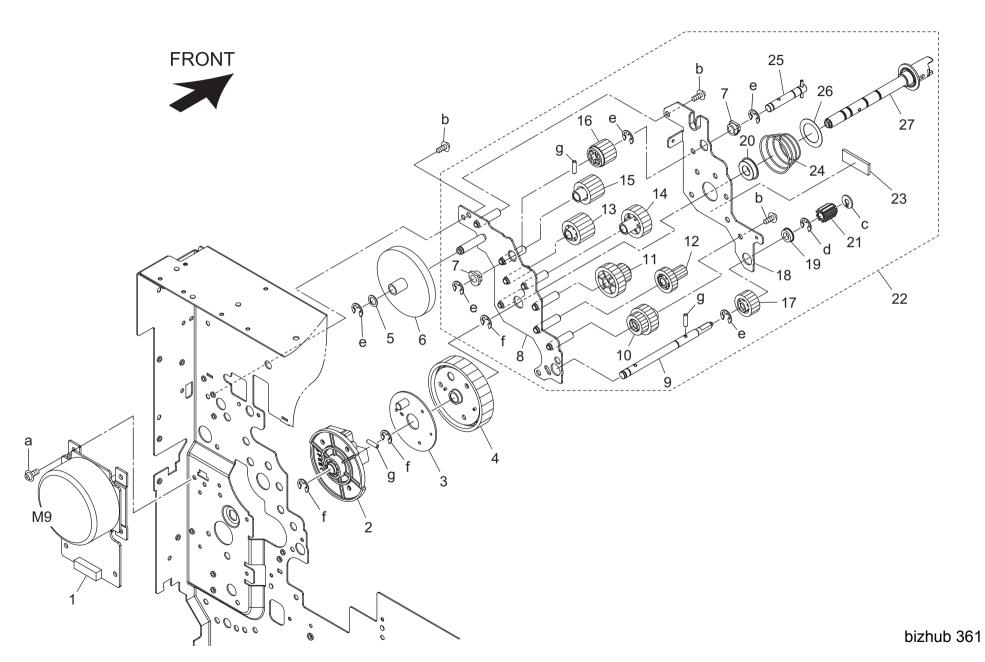


Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2 3	A0R5 R700 00 26NA -909 2E 40LA 6526 0	Write Unit INDEX ASSY WRITING CLEANER KNOB	書込みユニット INDEX検知基板部組 書込み清掃ノブ		B I C	1 1 1	a-V151 0308 03

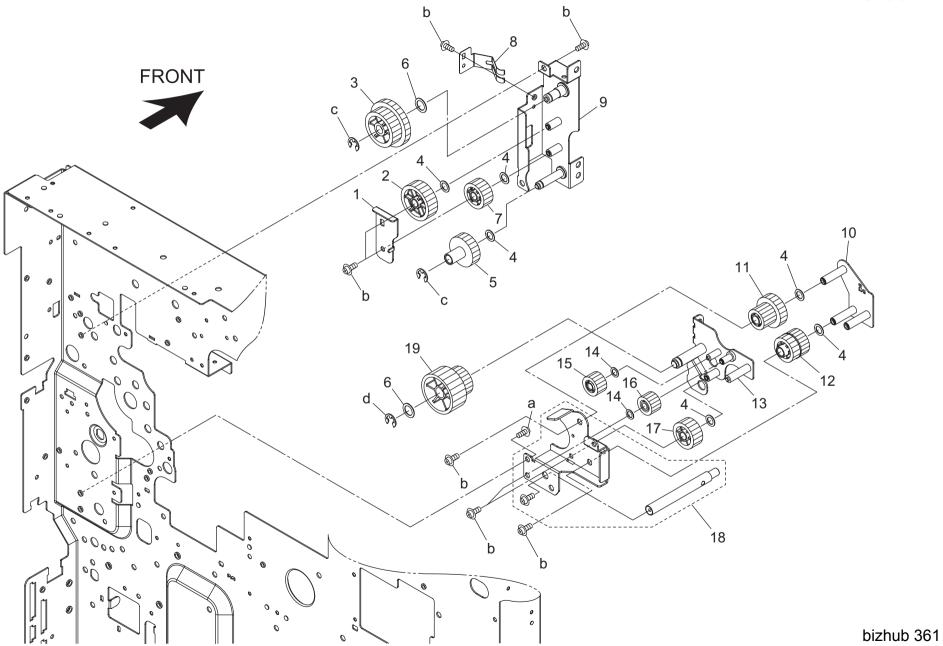
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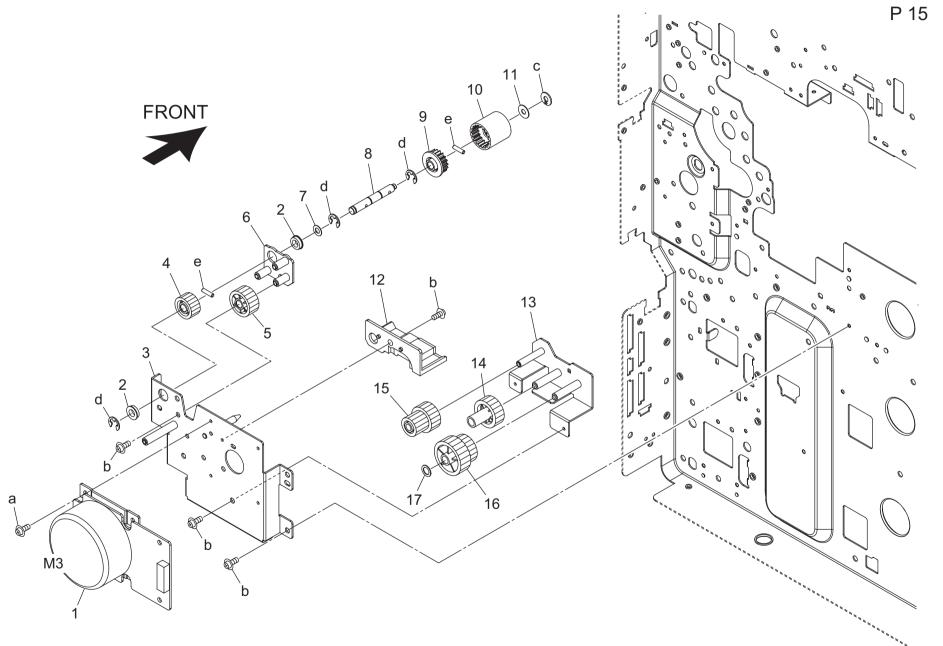
2 3 4 5 5 6 7 8 8 9 5 9	27LA 8003 2E A0R5 M103 00 26NA 1728 0 50GA 1566 0 50GA 1550 0 1900 4141 0 50GA 1552 0 50GA 1856 0	DC BRUSHLESS MOTOR/30 DC Brushless motor /30 BALL BEARING DRIVE PULLEY UPPER 40T GEAR A 100T 30T PLYSLIDER 6	DC ブラシレス モータ/30 DC ブラシレスモータ/30 現像駆動軸受 駆動ブーリ 上 40 T	C C C	1	a-V121 0304 03 b-V217 0400 50
2 3 4 5 5 6 7 8 8 9 5 9	A0R5 M103 00 26NA 1728 0 50GA 1566 0 50GA 1550 0 1900 4141 0 50GA 1552 0 50GA 1856 0	DC Brushless motor /30 BALL BEARING DRIVE PULLEY UPPER 40T GEAR A 100T 30T	DC ブラシレスモータ/30 現像駆動軸受 駆動プーリ 上 40 T	С	-	b-V217 0400 50
3 2 4 5 5 6 7 8 8 9	26NA 1728 0 50GA 1566 0 50GA 1550 0 1900 4141 0 50GA 1552 0 50GA 1856 0	BALL BEARING DRIVE PULLEY UPPER 40T GEAR A 100T 30T	現像駆動軸受 駆動プーリ 上 40 T			
4 ! 5 ! 6 ? 7 ! 8 ! 9 ! !	50GA 1566 0 50GA 1550 0 1900 4141 0 50GA 1552 0 50GA 1856 0	DRIVE PULLEY UPPER 40T GEAR A 100T 30T	駆動プーリ 上 40 T	1 6	3	c-V237 2012 50
5 5 6 7 8 5 9 5	50GA 1550 0 1900 4141 0 50GA 1552 0 50GA 1856 0	GEAR A 100T 30T		C	1	d-V121 0306 03 e-V217 0600 50
6 7 8 9	1900 4141 0 50GA 1552 0 50GA 1856 0		ギア A 100 T 30 T	Ċ	1	f-V123 0306 03
7 8 9	50GA 1552 0 50GA 1856 0		ポリスライダー 6	C	3	g-V123 0408 03
8 9	50GA 1856 0	GEAR C 102T 35T	ギア C 102 T 35 T	Č	1]
9 !		CONVEYANCE GEAR A 50T 27T	搬送ギア A 50 T 27 T	Č	1	
	50GA 1857 0	CONVEYANCE GEAR B 41T 27T	搬送ギア B 41 T 27 T	Č	1	
	50GA 1858 0E	CONVEYANCE GEAR /C 31T	搬送 ギア/ C 3 1 T	C	1	
	50GA 1506 0	DRIVE PANEL /F	駆動 パネル/ F	D	1	+
	4660 7602 0	PAPER FEED SHAFT HOLDER	給紙送り出し軸受	В	2	
				D	1	
	50GA -183 0	SHAFT ASSY	軸部組	_		
	50GA 1553 0	GEAR D 45T	ギア D 45 T	С	1	
	50GA 1554 0	GEAR E 35T	ギア E 35 T	C	1	
	50GA 1561 0E	GEAR /I 31T	ギア/ I 3.1 T	С	1	
	50GA 1522 0E	Idling Shaft /B	アイドラー軸/B	D	1	
	50GA -157 0	RU DRIVE ASSY	RU 駆動部組	С	1	
	26NA R710 00	TENSION PLATE CAULKING	テンション板カシメ	D	1	
	50GA 1545 0	TENSION SPRING	テンションバネ	С	1	
	26NA 5037 0	IDLER PULLEY 18T	アイドラープーリ 18 T	С	1	
	26NA 5359 0	BALL BEARING	定着軸受 下	Α	1	
23	50GA 1565 0	DEVELOPING DRIVE PULLEY LOWER 45T	現像駆動プーリ 下 45 T	С	1	
24	50GA 2104 00	Stopper Plate	ストッパプレート	D	1	
25	50GA 1541 0	BELT 296L	ベルト 296 L	С	1	
26	50GA 1547 0	DRIVE PANEL /I	駆動 パネル/ I	D	1	
27	50GA -189 0	DRUM ROTATION PLATE ASSY	ドラム回転プレート部組	С	1	
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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	A0R5 M103 00	DC Brushless motor /30	DC ブラシレスモータ/30		С	1	a-V121 0304 03
2	50GA -155 0	DUMPER PLATE ASSY	ダンパープレート部組		С	1	b-V121 0306 03
3	26NA R702 00	DRIVE PLATE COMBINED	駆動プレートカシメ		С	1	c-V221 0300 50
4	26NA 1560 0	DRUM DRIVING GEAR 108T	ドラム駆動ギア 108 T		С	1	d-V217 0300 50 e-V217 0400 50
5	1900 4141 0	PLYSLIDER 6	ポリスライダー 6		С	1	f-V217 0600 50
6	50GA 1551 0	GEAR B 105T	ギア B 105 T		С	1	g-V237 2012 50
7	4660 7602 0	PAPER FEED SHAFT HOLDER	給紙送り出し軸受		В	2	
8	50GA -160 1E	CAULKING ASSY	カシメ部組		D	1	
9	50GA 1518 1E	Agitating Shaft	撹拌軸		D	1	
10	50GA 1560 0	GEAR H 19T 26T	ギア H 19 T 26 T		С	1	
11	50GA 1556 0	AGITATING GEAR UPPER 17T 30T	撹拌ギア 上 17T 30T		С	1	
12	50GA 1559 0	GEAR G 22T	ギア G 22 T		С	1	
13	50GA 1563 0	GEAR K 23T	ギア K 23 T		С	1	
14	50GA 1564 0	GEAR L 28T	ギア L 28 T		С	1	
15	50GA 1562 0	GEAR J 21T	ギア J 21 T		С	1	
16	50GA 1555 0	COLLECTION GEAR 20T	回収ギア 20 T		С	1	
17	50GA 1557 0	AGITATING GEAR 21T	撹拌ギア 21 T		С	1	
18	50GA 1503 0	DRIVE PANEL /C	駆動 パネル/ C		D	1	
19	26NA 1728 0	BALL BEARING	現像駆動軸受		С	1	
20	26NA 5359 0	BALL BEARING	定着軸受「下		A	1	
21	26NA 1758 0	AGITATING COUPLING B	攪拌カップリング B		С	1	
22	50GA -159 0	DRUM DRIVE ASSY	ドラム駆動部組		С	1	
23	50GA 1548 0	PRESSING PART	押圧部材		D	1	
24	26NA 1520 0	COUPLING SPRING	カップリングバネ		В	1	
25	50GA -154 0	SHAFT ASSY	軸部組		D	1	<u> </u>
26	26NA 3087 0	SPRING SPACER	バネスペーサー		С	1	
27	50GA -153 0	DRUM INPUT SHAFT ASSY	ドラム入力軸部組		С	1	
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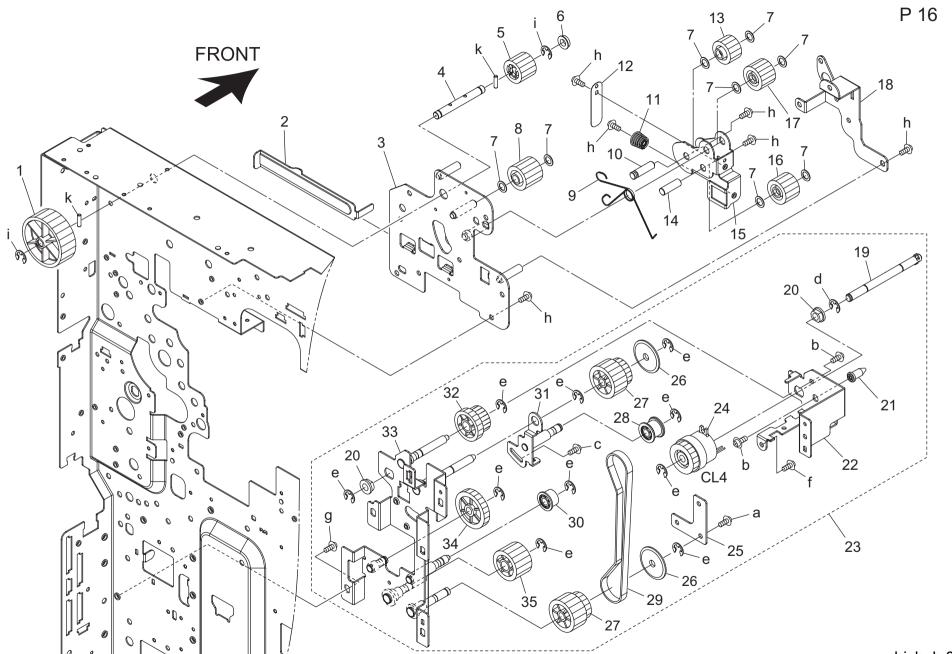


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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	50GA 1605 0	PAPER FEED PROTECTION PANEL	給紙保護パネル		D	1	a-9735 0306 14
2	50GA 1613 0	PAPER FEED GEAR C 38T	給紙ギア C 38 T		С	1	b-V121 0306 03
3	50GA 1619 1	ADU INPUT GEAR 49T 28T	A D U 入力ギア 49 T 28 T		С	1	c-V217 0400 50 d-V217 0600 50
4	1900 4141 0	PLYSLIDER 6	ポリスライダー 6		С	6	u-v217 0000 30
5	50GA 1611 0	PAPER FEED GEAR A 32T	給紙ギア A 32 T		С	1	
6	1900 4142 0	POLYSLIDER 8	ポリスライダー 8		С	2	
7	50GA 1612 0	PAPER FEED GEAR B 27T	給紙ギア B 27 T		С	1	
8	50GA 4569 1E	CONVEYANCE EARTH PLATE	搬送アース板		D	1	
9	50GA -164 1F	CAULKING ASSY	カシメ部組		D	1	
10	50GA -168 0E	CAULKING ASSY	カシメ部組		D	1	
11	50GA 1616 0	PAPER FEED GEAR F 21T 23T	給紙ギア F 21 T 23 T		С	1	
12	50GA 1617 0	PAPER FEED GEAR G 26T 19T	給紙ギア G 26 T 19 T		С	1	
13	50GA -165 0E	CAULKING ASSY	カシメ部組		D	1	
14	50GA 2501 00	SPACER	スペーサ		С	2	
15	50GA 1620 0E	PAPER FEED GEAR /I 20T	給紙 ギア/ I 20 T		С	1	_
16	50GA 1614 0E	PAPER FEED GEAR /D 19T	給紙 ギア/ D 19 T		С	1	
17	50GA 1618 0F	PAPER FEED GEAR /H 28T	給紙 ギア/ H 28 T		C	1	
18	50GA -167 0F	CAULKING ASSY	カシメ部組		D	1	
19	50GA 1610 0	PAPER FEED DRIVE GEAR 62T 29T	給紙駆動ギア 62 T 29 T		С	1	
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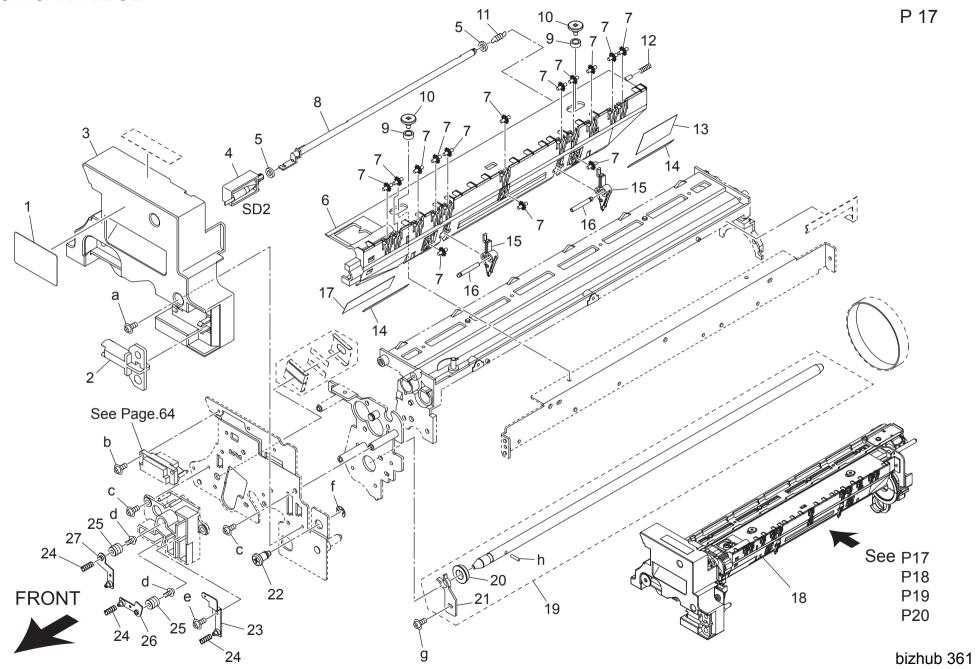
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Key	Part No.	Des	cription	Destinations	Class	QTY	Standard parts
1	A0R5 M103 00	DC Brushless motor /30	DC ブラシレスモータ/30		С	1	a-V121 0304 03 b-V121 0306 03
2	26NA 1728 0	BALL BEARING CAULKING ASSY	現像駆動軸受		С	2	c-V221 0400 50
3	50GA -171 0		カシメ部組		D		c-V221 0400 50 d-V217 0400 50
4 5	40LA 1754 0 40LA 1755 0	DEVELOPING DRIVE GEAR 6 32T DEVELOPING DRIVE GEAR 7 39T	現像駆動歯車 6 32 T 現像駆動歯車 7 39 T		C	1	e-V237 2012 50
6	50GA -173 0E	CAULKING ASSY	カシメ部組 カシメ部組		D	•	
7	13QA 1033 0	SHAFT SPACER	カンス部組 軸スペーサー		C	1 1	
8	50GA 1760 1E	Developing Drive Shaft	現像駆動軸		D	1	
9	40LA 1756 0	DEVELOPING INPUT COUPLING A	現像入力カップリング A		C		
10	26NA 1757 0	DEVELOPING INPUT COUPLING A DEVELOPING INPUT COUPLING B	現像入力カップリング B		C		
11	26NA 1759 0	SPACER B	スペーサー B		C	1	-
12	50GA 1703 0	DUST PROOF COVER	防塵カバー		C		
13	50GA -172 0	CAULKING ASSY	カシメ部組		D		
14	50GA 1752 0	DEVELOPING DRIVE GEAR 2 27T	現像駆動歯車 2 27 T		В	1	
15	50GA 1753 0	DEVELOPING DRIVE GEAR 3 25T 28T	現像駆動歯車 3 25 T 28 T		В	1	
16	50GA 1751 0	DEVELOPING DRIVE GEAR 1 52T 26T	現像駆動歯車 1 52 T 26 T		В	1	
17	1900 4141 0	PLYSLIDER 6	ポリスライダー 6		C	1	
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DRIVING UNIT



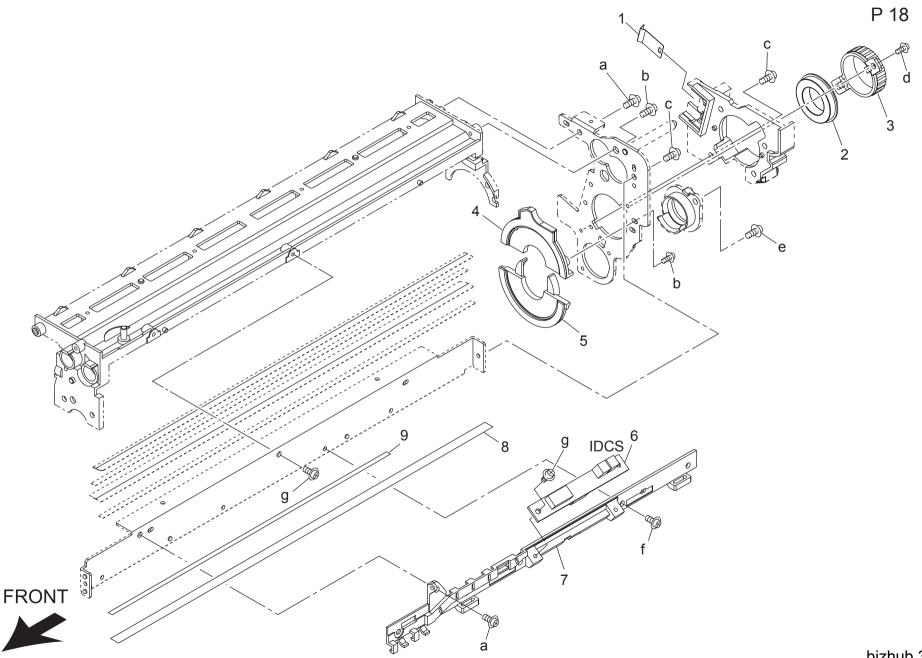
Key	Part No.	-	Description	Destinations	Class	QTY	Standard parts
		LEIVING OF A D. A. COT	•	Destinations		QIT.	•
1	50GA 1851 0	FIXING GEAR A 80T	定着ギア A 80 T		В	1	a-9646 0306 13 b-9646 0306 14
2	50GA 1509 1	DRIVE PRESSING STAY	駆動押圧ステー		D	1 1	c-9646 0308 14
3	50GA -186 1G	CAULKING ASSY	カシメ部組		С	1	d-9721 0400 01
4	50GA 1811 1G	FIXING INPUT SHAFT	定着入力軸		С	1	e-4425 3001 01
5	50GA 1852 3I	Fixing Gear/B 18T	定着 ギア/ B 18 T T T T T T T T T T		В	1	f-9735 0306 14
6	26NA 1728 0	BALL BEARING	現像駆動軸受		С	1	g-9743 0408 14 h-V121 0306 03
7	40LA 1740 0	DRIVING SPACER 1	駆動スペーサー 1		С	8	i-V217 0400 50
8	50GA 1853 2G	Fixing Gear/C 19T	定着 ギア/ C 19 T		В	1	k-V237 2012 50
9	50GA 1841 0	FIXING SWING SPRING	定着揺動バネ		С	1	
10	50GA 1822 0D	Fixing Idling Shaft	定着アイドラー軸		С	1	
11	50GA 1843 0	FIXING PRESSING SPRING	定着押圧バネ		С	1	
12	50GA 1842 0	LEVER PRESSING SPRING	レバー押圧バネ		D	1	
13	50GA 1855 2G	Fixing Gear/E 18T	定着 ギア/ E 18 T		В	1	
14	50GA 1824 1E	Fixing Idling Shaft /2	定着アイドラー軸/2		D	1	
15	50GA 1507 0F	Drive Panel /G	駆動 パネル/ G		D	1	
16	50GA 1859 2G	Fixing Gear /F 19T	定着 ギア/ F 19 T		В	1	
17	50GA 1854 2G	Fixing Gear/D 19T	定着 ギア/ D 19 T		В	1	
18	50GA 1504 0E	Drive Panel /D	駆動 パネル/ D		D	1	
19	4030 3057 01	SHAFT	シャフト		D	1	
20	4131 3003 01	BUSHING	軸受		C	2	
21	4030 3067 01	SHAFT	シャフト		D	1	1
22	4030 3051 01	BRACKET	取付板		D	1 1	
23	50GA -169 2	LOWER PAPER FEED DRIVE ASSY	下給紙駆動部組		C	1	1
4	9322 1500 12	CLUTCH	クラッチ		č	1 1	
. - !5	4030 3052 01	BRACKET	取付板		D	1 1	1
6	4030 3055 01	COLLAR	カラー		C	2	╡
27	4030 3053 01	PULLEY 28/36T	プーリ 28/36 T		C	2	
2 <i>1</i> 28	1155 2518 01	PULLEY	フ・ーリー		C	1	1
	4030 3054 01	-	フ ーリー タイミングベルト 324 L		C		1
29 30		TIMING BELT 324L	ダイミングヘルト 324 L フ゜ーリー				1
	1067 2513 01	PULLEY ASSY	•		C	1 1	
31	4030 R705 00	BRACKET ASSY	取付板ASSY			1 1	
32	50GA 1640 1E	Paper feed Gear 19T 33T	給紙ギア 19 T 33 T		С	1	
33	50GA -176 0	PAPER FEED STAKE ASSY	給紙かしめ部組		D	1 1	
34	4030 3060 01	GEAR 30T	ギヤ 30 T		С	1	1
35	4030 3059 01	GEAR 24T	ギヤ 24 T		С	1	4
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DRUM CARTRIDGE

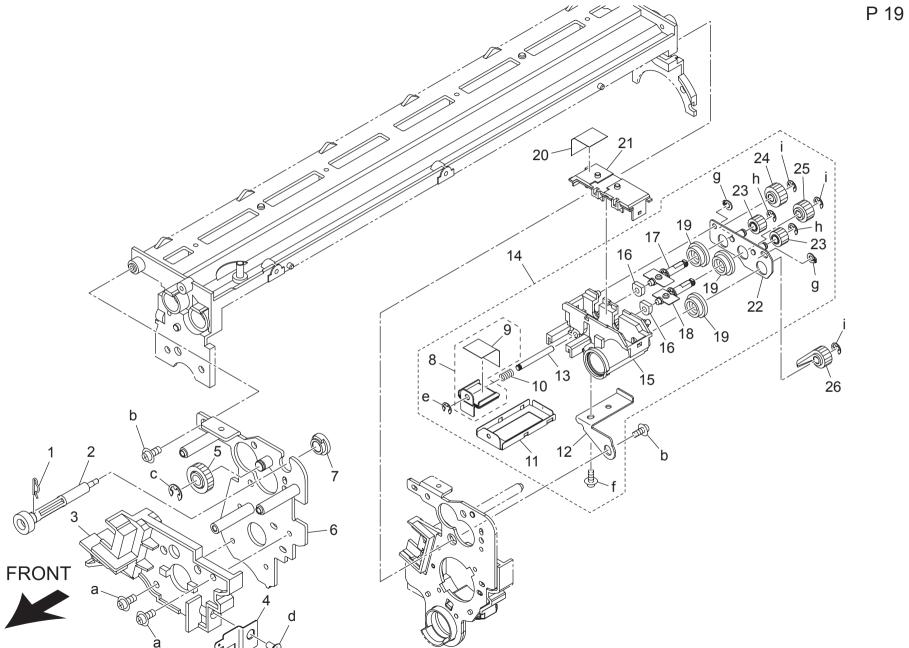


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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	50GA 9795 1E	Toner Indicating Label	トナー表示ラベル		С	1	a-V121 0304 04 b-V121 0308 03 c-V121 0306 03
2	26NA 2134 0	DRUM ROTARY PART	ドラム回転部材		С	1	b-V121 0308 03
3	50GA 2035 0E	CARTRIDGE COVER /FRONT	カートリッジ カバー/前		С	1	d-V121 0306 03
4	26NA R705 00	SEPARATE SORENOID ASSY	分離ソレノイド部組		С	1	e-V151 0308 03
5	26NA 2138 0	SOLENOID SEAL	ソレノイドシール		С	2	f-V217 0400 50
6	26NA 2024 2	SEPARATE GUIDE PLATE	分離ガイド板		С	1	g-V121 0310 04
7	26TA 2032 0	SEPARATE AUXILIARY ROLLER	搬送補助ローラ		С	14	ň-V233 2012 50
8	26NA 2027 0	SEPARATE RELEASE LEVER	分離解除レバー		С	1	
9	26NA 2030 0	SEPARATE ROCKING COLLAR	分離揺動カラー		С	2	
10	26NA 2031 0	SEPARATE ROCKING SCREW	分離揺動ネジ		С	2	
11	40AA 2023 0	SEPARATOR RELEASE SPRING	分離解除バネ		C	1	
12	26NA 2029 0	SEPARATE ROCKING SPRING	分離揺動バネ		C	1	
13	26NA 2142 0	PAPER GUIDE SHEET C	紙ガイドシート C		Č	1	
14	26NA 2140 0	PAPER GUIDE SHEET A	紙ガイドシート A		Č	2	
15	50GA -218 0	SEPARATING CLAW ASSY	分離爪部組		Č	2	
16	40AA 2017 0	SEPARATOR FULCRUM SHAFT	分離支点軸		C	2	1
17	26NA 2143 0	PAPER GUIDE SHEET D	が離る点軸 紙ガイドシート D		C	1	
18	50GA -200 1	DRUM UNIT	ドラムカートリッジ		В		
19	40LA R702 00	DRUM SHAFT ASSY	ドラム軸部組		D		
19 20	26NA 2136 0		トラム軸部組 ドラム支持軸受		C	1	
	40LA 2094 0	DRUM SUPPORT SHAFT HOLDER DRUM SUPPORT PART	トフム文持軸党 ドラム支持部材		C	1	-
21 22							
	26NA 2144 0	CARTRIDGE SCREW	カートリッジネジ		С	1	
23	26NA R704 00	DEVELOPING ELECTRIFY COMBINED	現像給電板カシメ		С	1	
24	3920 4526 0	ELECTRODE CONNECTING SPRING B	電極連結バネ B		С	3	
25	40AA 7319 1	CHARGING INPUT SPRING	帯電入力バネ		С	2	4
26 27	40LA -221 0 40LA -222 0	CHARGE POWERING /A CAULKING CHARGE POWERING /B CAULKING	帯電給電板/Aカシメ 帯電給電板/Bカシメ		D D	1	
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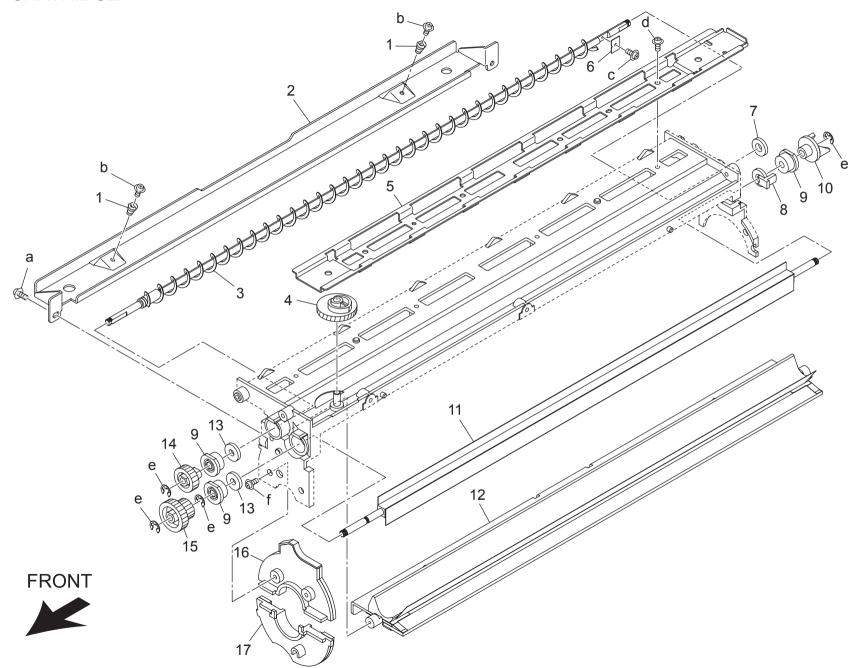
DRUM CARTRIDGE



	JIVI CARTE					_	Page. 16
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2 3 4 5 6 7 8	40LA 2167 0 26NA 2048 0 26NA 2025 0F 26NA R703 00 26NA R706 00 26NA -918 2E 26NA 2095 0 26NA 2020 0	ELECTRODE PRESSING SPRING DRUM SHAFT HOLDER F Shaft holder Support Part BLADE SEAL BLOCK R ASSY BLADE SEAL BLOCK 2 ASSY TONER DETECTED BOARD ASSY WIRING GUIDE PART TONER GUIDE SHEET	電極押圧バネドラム軸受 軸受支持部材 シールブロック/R 部組 シールブロック/2部組 トナー検知基板部組 束線ガイド部材 トナー案内シート		C C D B B C C	1 1 1 1 1 1 1	a-V151 0310 03 b-V151 0312 03 c-V121 0306 03 d-V121 0304 04 e-V123 0306 03 f-V121 0304 03 g-V151 0308 03
9	26NA 2133 0	MOUNTING SHEET B	取り付けシート B		D	1	_
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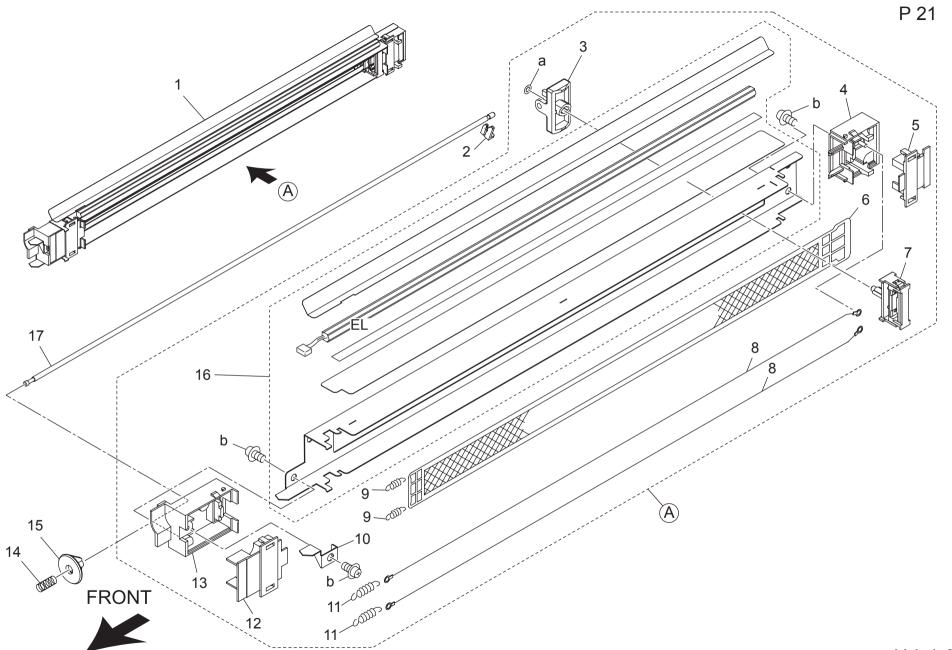


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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	26NA 2092 0	SHAFT FIXED PART	軸受固定部材		С	1	a-V121 0306 03 b-V151 0310 03
2	26NA 2057 0	SEPARATION ROCKING GEAR 18T	分離揺動ギア 18 T		С	1	b-V151 0310 03 c-V217 0400 50
3	40LA 2005 0	ELECTRODE GUIDE PART /FRONT	電極ガイド部材/前		D	1	d-V147 0308 03
4	26NA 2076 0D	Transfer Power supply Plate	転写給電板		С	1	e-V217 0200 50
5	26NA 2042 0	IDLER GEAR 25T	アイドラーギア 25 T		С	1	f-V151 0308 03
6	40LA -215 1	PANEL /FRONT CAULKING	パネル前カシメ		D	1	g-V221 0300 50
7	26NA 2038 0	ROCKING SHAFT HOLDER	摇動軸受		С	1	h-V217 0250 50 i-V217 0300 50
8	50GA -217 0	COLLECTING COVER ASSY	回収カバー部組		D	1	1-7217 0300 50
9	26NA 2107 0	COLLECTING SEAL	回収シール		С	1	
10	26NA 2037 0D	Collection Spring	回収ばね		С	1	
11	26NA 2086 0D	Collection Cover /B	回収カバー/ B		С	1	
12	26TA 2088 1	CLEANER FIXING PART	クリーナー固定部材		D	1	
13	26NA 2087 0	CLEANER AUXILIARY PART	クリーナー補助部材		С	1	
14	50GA -205 0	SCREW GUIDE PART/REAR ASSY	スクリューガイド/奥部組		С	1	
15	26TA 2053 1	SCREW GUIDE PART /REAR	スクリューガイド部材/奥		D	1	
16	26TA 2154 0	RECYCLING SHAFT HOLDER	リサイクル軸受		С	2	1
17	26TA -235 0	RECYCLING SHAFT/1 ASSY	リサイクル軸/1部組		D	1	
18	26TA -236 0	RECYCLING SHAFT/2 ASSY	リサイクル軸/2部組		D	1	
19	26NA 2128 0	SCREW SHAFT HOLDER B	スクリュー軸受 B		C	3	
20	26TA 2161 1	SPEWING PV SHEET B	飛散防止シート B		Č	1	
21	26TA R701 00	COLLECT COVER C ASSY	回収カバー/ C 部組		D	1	1
22	26TA -237 1	DRIVE SUPPORT PANEL/1 CAULKING	駆動支持板/1カシメ		D	1	
23	26TA 2149 0	TONER CONVEYANCE GEAR 4 13T	トナー搬送ギア 4 13 T		C	2	
24	26TA 2148 0	TONER CONVEYANCE GEAR 3 16T	トナー搬送ギア 3 16 T		Č	1	
25	26TA 2147 0	TONER CONVEYANCE GEAR 2 18T	トナー搬送ギア 2 18 T		Č	1	
26	26TA 2146 0	TONER CONVEYANCE GEAR 1 19T			C	1	=
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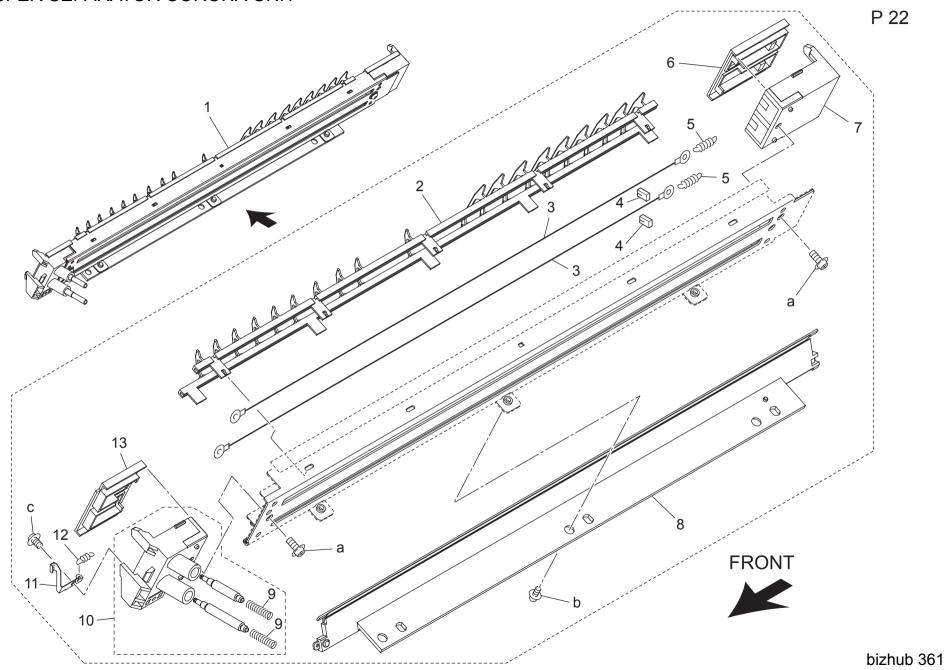
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
				Destinations			
1	40LA 2019 0	BLADE PRESSURE SPRING	ブレード押圧バネ		С	2	a-V121 0304 04 b-V118 0304 03
2	40LA 2036 0E	Cartridge Reinforce Part	カートリッジ補強部材		D	1	b-V118 0304 03
3	50GA 2007 0	TONER COLLECTION SCREW	トナー回収スクリュー		D	1	c-V111 0202 03
4	26NA 2058 0	SEPARATION ROCKING CAM	分離揺動カム		С	1	d-V151 0308 03 e-V217 0300 50 f-V151 0312 03
5	40LA 2034 0D	Cartridge Rail	カートリッジ レール		Ď		e-V217 0300 50
		AGITATOR PLATE A			D	'	1-7 151 0312 03
6	26TA 2151 0					1	
7	26NA 2022 0	CLEANER COLLECT SEAL	クリーナー回収シール		С	1	
8	26NA 2116 0	SHAFT HOLDER SPACER	軸受スペーサー		С	1	
9	26NA 2014 0	SCREW SHAFT HOLDER	スクリュー軸受		С	3	
10	26NA 2056 0	TONER COLLECT COUPLING	トナー回収カップリング		В	1	
11	26NA 2055 3	TONER AGITATE SHAFT	トナー攪拌軸		D	1	
12	50GA -209 0	DRUM CLEANING BLADE ASSY	清掃ブレード部組		A		
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13	26NA 2071 0	FELT A	フエルト A		С	2	
14	26NA 2016 0	SCREW GEAR 24T	スクリューギア 24 T		С	1	
15	26NA 2017 0	AGITATING GEAR 19T 30T	攪拌ギア 19 T 30 T		С	1	
16	40LA R701 00	BLADE SEAL BLOCK F ASSY	シールブロック/ F 部組		В	1	1
17	40LA R703 00	BLADE SEAL BLOCK 1 ASSY	シールブロック/ 1 部組		В	1	
17	40LA K/03 00	BLADE SEAL BLOCK 1 ASS1			Ь	'	
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CHARGING UNIT

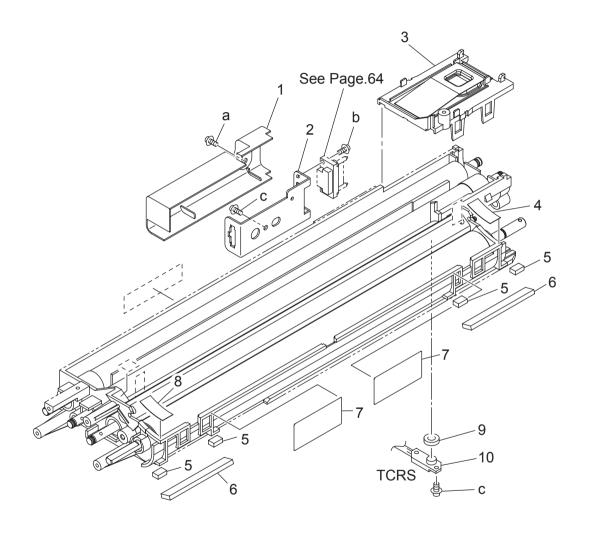


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Key	Part No.	De	scription	Destinations	Class	QTY	Standard parts
1	50GA -250 0	CHARGE CORONA UNIT	带電極 * 1		В	1	a-V226 0300 50 b-V151 0306 03
2	25HA 2510 0	SHAFT STOPPER PART	軸ストッパー部材		В	1	D-V 13 1 0300 03
3	40LA 2519 0	CHARGE CLEANIG KNOB	帯電清掃ノブ		С	1	
4 5	40LA 2501 1	CHARGING BLOCK REAR	帯電ブロック 奥		C B	1	
5	40LA 2505 0	SPARK ARRESTER PREVENTIVE PLATE REAR	落雷防止板 奥		В	1	
6	40LA 2516 0	CHARGING CONTROL PLATE	帯電制御プレート		В	1	
7	40LA R704 00	CHARGING CLEANING ASSY	帯電清掃部組		С	1	
8	50GA 2506 0	CHARGING WIRE	帯電ワイヤー		С	2	
9	26NA 2518 0	CHARGING SPRING	帯電バネ		В	2	
10	40LA 2507 0	CHARGING ELECTRODE PLATE	帯電給電板		С	1	_
11 12	26NA 2517 0 40LA 2504 0	WIRE TENSION SPRING SPARK ARRESTER PREVENTIVE PLATE FRO	ワイヤー引張りバネ 落雷防止板 前		B B	2	
12	40LA 2304 0	NT NT			В	'	
13	40LA 2502 0	CHARGING BLOCK FRONT	帯電ブロック 前		С	1	
14	26NA 4549 0	LIFTING SPRING 2	持ち上げバネ 2		С	1	
15	40LA 2520 0	CHARGING CLEANING HANDLE	帯電清掃把手		С	1	
16	50GA -251 0	CHARGE DISCHARGING PLATE ASSY	帯電放電プレート部組		С	1	
17	50GA 2509 0	CHARGING CLEANING SHAFT	帯電清掃軸		С	1	
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TRANSFER SEPARATOR CORONA UNIT



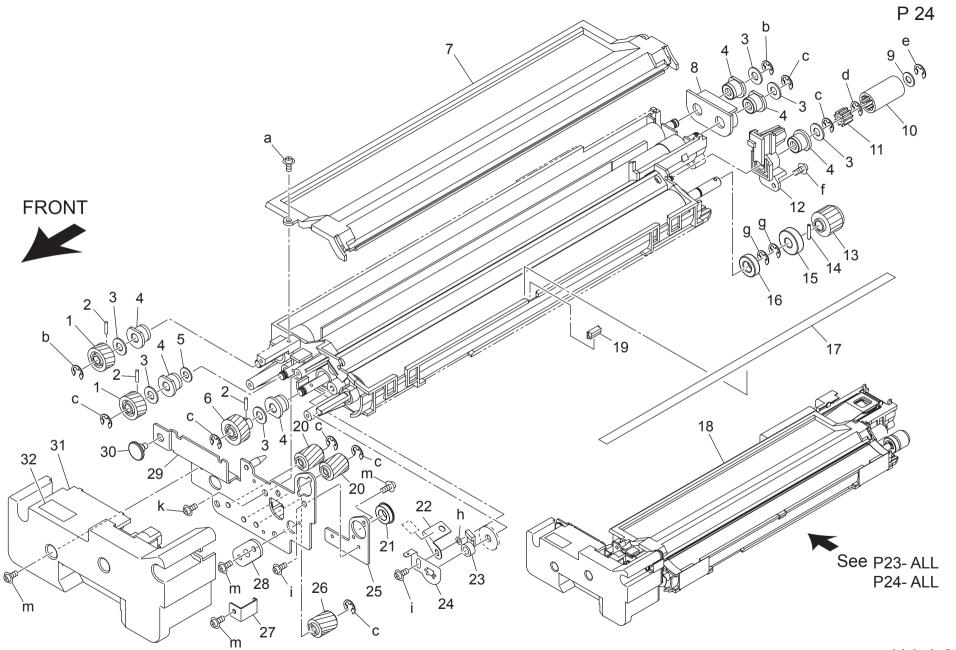
A C A A B C C C C B C C B C C C C B C C C C	QTY 1 1 2 2 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1	Standard parts a-V151 0308 03 b-V123 0306 03 c-V145 2606 03
C A A B C C C C B C D B	1 2 2 2 2 1 1 1 2 1	a-V151 0308 03 b-V123 0306 03 c-V145 2606 03
B C C B C D B	2 1 1 1 2 1 1 1	
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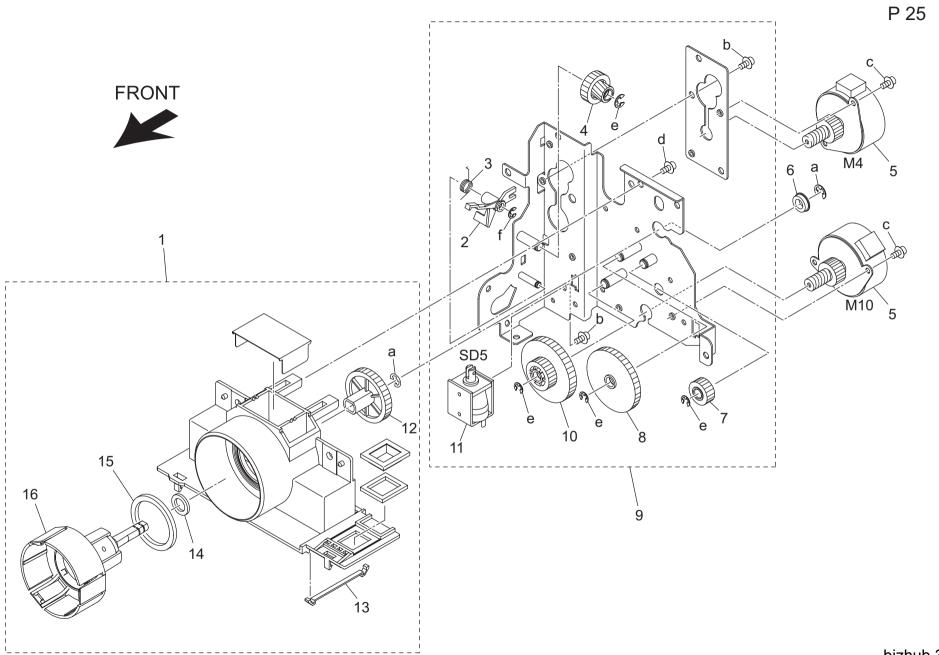


Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2	26NA 3049 0 26NA 3047 0	DEVELOPING ELECTRODE COVER DEVELOPING ELECTRODE STAY	現像給電力バー 現像給電ステー		D D	1	a-V121 0306 03 b-V118 0306 03 c-V151 0306 03
3	26NA R708 00	DEVELOPING COVER PART A ASSY	現像和電へ) — 現像カバー部材/ A 部組		C		c-V151 0306 03
		DEVELOPING COVER PART A ASSY	現像ガハ一部材/ A 部組				
4	26NA 3072 0	SCATTER PREVENTING SHEET 4	飛散防止シート/4		С	1	
5	50GA 3161 0	DEVELOPING SUCTION SEAL C	現像サクションシール/ C		С	4	
6	50GA 3160 0	DEVELOPING SUCTION SEAL B	現像サクションシール/ B		С	2	
7	50GA 3157 0	SCATTER PREVENTING SHEET /A	飛散防止シート/ A		С	2	
8	26NA 3045 0	SCATTER PREVENTING SHEET 3	飛散防止シート/3		С	1	
9	0294 2064 0	L DETECTING SEAL	L 検シール		С	1	
10	26NA 8804 1	TONER DENSITY SENSOR	トナー濃度センサー		В	1	
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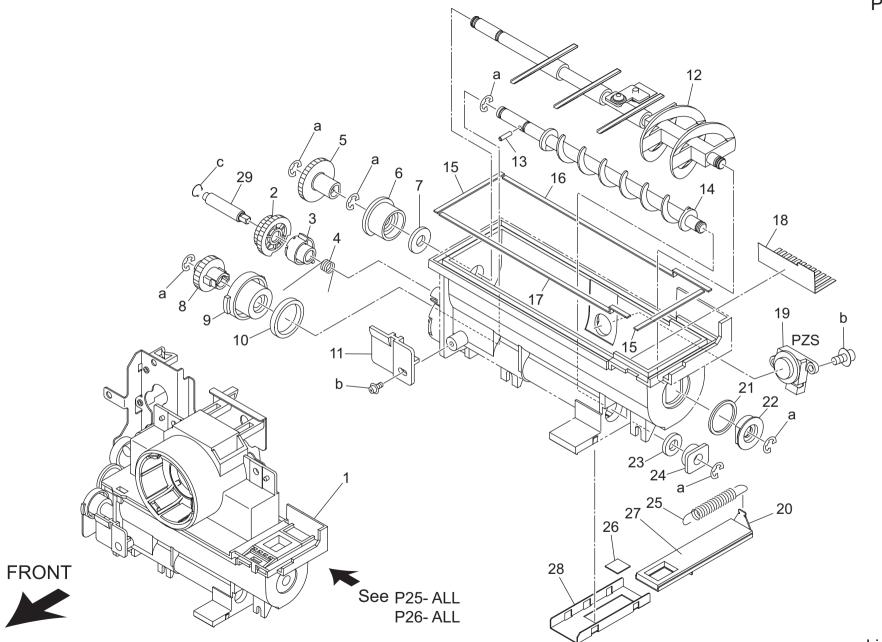
DEVELOPING UNIT



Key Part No),	Description	Destinations	Class	QTY	Standard part
1 50GA 3015 C		撹拌ギア B 20 T	Bootmatono	В	2	a-V121 0306 04
2 4660 7801 0	PIN A D2X10	現代イア B 20 I ピン A D 2 X 1 0		В	3	b-V217 0500 50
3 26NA 3085 0		軸受スペーサー		C	6	c-V217 0400 50
					_	d-V217 0300 50
4 26NA 3077 0		現像軸受		В	6	e-V221 0300 50
5 26NA 3094 0		現像シール S		С	1	I f-V151 0306 03
6 50GA 3014 0		撹拌ギア A 22 T		В	1	g-V217 0600 50 h-V207 0600 03
7 26TA R702 0	0 DEVELOPING COVER ASSY	現像蓋部組		С	1	h-V207 0600 03
B 26NA 3009 0	DEVELOPING COVER PART /B	現像カバー部材/ B		D	1	i-V123 0306 03 k-V151 0308 03
26NA 3096 0	SPACER C	スペーサー C		С	1	m-V121 0306 03
0 26NA 3095 0		攪拌カップリング A		C	1	111-4 12 1 0300 0
1 26NA 3073 0		攪拌カップリング		В	1	1
2 26NA R707 (現像カバー部材/ C 部組		D		
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3 26NA 3070 0		現像ギア		С	1	
1136 2060 0	PIN A	ヒ °ン (A)		С	1	
26NA 3066 0		現像案内軸受		С	1	
26NA 3065 0	DEVELOPING SHAFT HOLDER REAR	現像軸受 奥		С	1	
26NA 3044 0	SPEWING PREVENTIVE SHEET 2	飛散防止シート 2		D	1	
50GA -300 1	DEVELOPING UNIT	現像器		В	1	
26NA 3084 0		現像ブロック		D	l i	
		アイドラーギア 2 15 T		В	2	
		7177-47 Z 151				
26NA 2136 0		ドラム支持軸受		С	1	
26NA 3036 0		現像連結板		D	1	
26NA 3063 0	DEVELOPING SHAFT HOLDER FRONT	現像軸受 前		С	1	
26NA 3021 1	G Magnet Adjusting Plate	マグネット調整板		D	1	
26NA 3086 0	SHAFT HOLDER FULCRUM PART	軸受支持部材		С	1	
26NA 3086 0 50GA 3017 0		アイドラーギア 1 15 T		В	1	
26NA 3093 0		現像支持ストッパ		D	l i	
		現像調整カムが前		D		
				_		
50GA -307 0		現像ステーカシメ		D	1	
26NA 3101 0		位置決めネジ		С	1	
50GA -304 0		現像カバー部組		С	1	
56UA 9792 0	HIGE VOLTAGE CAUTION LABEL	高圧注意ラベル		С	1	
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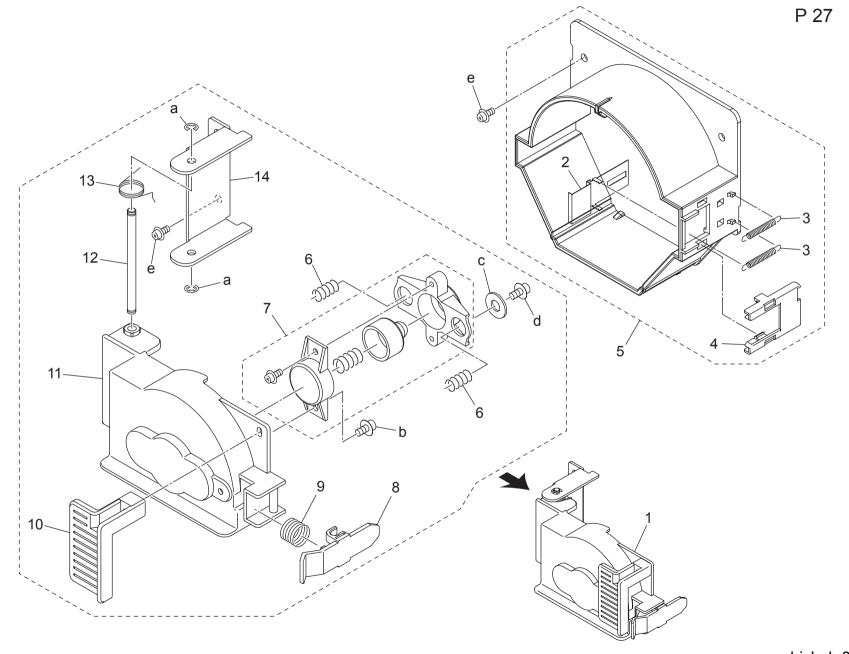


ey	Part No.		Description	Destinations	Class	QTY	Standard part
1	50GA -322 1	TONER SUPPLY MAIN/UPPER ASSY	トナー補給本体/上部組		С	1	a-V217 0500 50
2	50GA 3271 0	LOCK ARM	ロックアーム		С	1	b-V121 0304 03
3	50GA 3272 0	LOCK SPRING	ロックバネ		С	1	c-V122 0304 03
-	26NA 3268 0	TONER CONVEYANCE GEAR 5 16T 23T	トナー搬送歯車 5 16 T 23 T		Č	1	d-V151 0306 03 e-V217 0400 50
5	26NA 8006 1	TONER SUPPLY MOTOR	トナー補給モータ		В	2	e-V217 0400 50
_							f-V217 0300 50
	26NA 3266 0	TONER SUPPLY SHAFT HOLDER	トナー補給軸受		C	1	
	26TA 3258 0	TONER SUPPLY REGULATING GEAR 18T	トナー補給規制歯車 18 T		С	1	
	26TA 3264 0	TONER SUPPLY GEAR 2 16T 51T	トナー補給歯車 2 16 T 51 T		С	1	
9	50GA -323 0	TONER CONVEYING DRIVE ASSY	トナー補給駆動部組		С	1	
10	26TA 3261 0	TONER SUPPLY GEAR 1 23T 51T	トナー補給歯車 1 23 T 51 T		С	1	
	26NA 8251 3	PAPER FEED SOLENOID	給紙ソレノイド		C	1	
	26NA 3259 0	TONER SUPPLY REGULATING GEAR 42T	トナー補給駆動歯車 42 T		č	1	
	26NA 3294 0	TONER SUPPLY SEAL 4	トナー補給シール 4		D	1	
	26NA 3242 0	TONER SUPPLY SEAL/REAR	トナーホキュシール/オク GN		С	1	
15	26NA 3295 0	TONER SUPPLY HOLDING SEAL /A	トナー補給ホルダーシール/ A		С	1	
16	26NA 3231 1E	TONER SUPPLY HOLDING MAIN BODY	トナー補給ホルダ本体		D	1	
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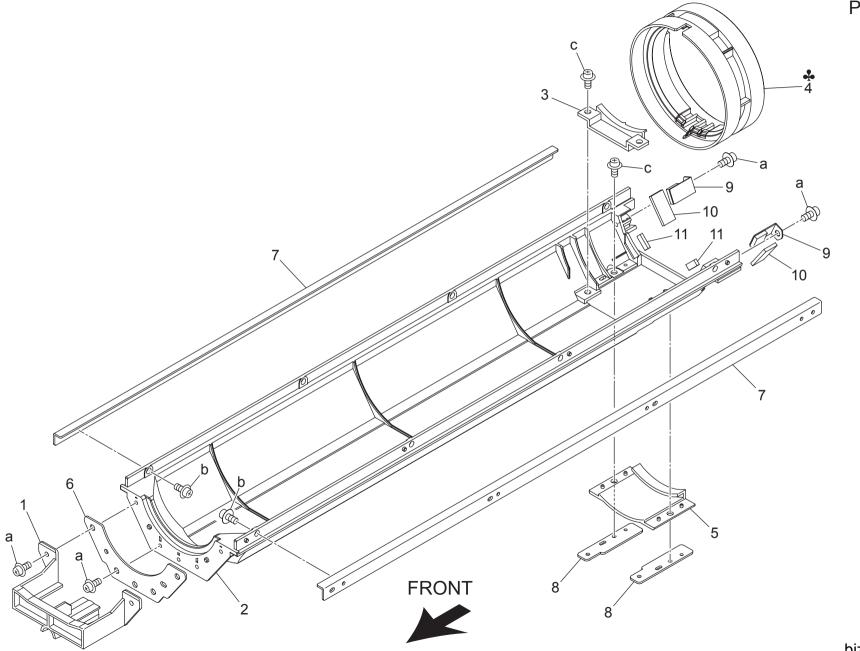
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	50GA -320 1	TONER SUPPLY UNIT	トナー補給		I	1	a-V217 0400 50
2	50GA 3252 0	TONER CONVEYANCE GEAR 3 20T 25T	トナー搬送歯車 3 20 T 25 T		С	1	b-V151 0308 03
3	50GA 3323 0E	TONER SUPPLY DRIVE CAM	トナー補給駆動カム		С	1	c-V221 0400 50
4	50GA 3270 0	STOPPER SPRING	突き当てバネ		C	1	
5	50GA 3253 0	TONER CONVEYANCE GEAR 4 27T	トナー搬送歯車 4 27 T		Č	l i	
6	25HA 3215 2	TONER CONVEYANCE SHAFT HOLDER A	トナー搬送軸受 A		C	1	
						1	
7	26NA 3296 0	FELT C	フェルト C		С	1	
8	50GA 3251 0	TONER SUPPLY REGULATING GEAR 21T	トナー補給規制歯車 21 T		С	1	
9	26NA 3256 0	TONER AGITATE SHAFT HOLDER LEFT	トナー搬送軸受/左		С	1	
10	40LA 3227 0	SCREW SEAL PART MIDDLE	スクリューシール部材 中		D	1	
11	50GA 3322 0	SPRING REGULATING PART A	バネ規制部材 A		С	1	
12	40LA R706 00	AGITATE SCREW ASSY	撹拌スクリュー部組		D	1	
13	26NA 3297 0	PIN	ピン		C	1	
14	26NA 3204 0	TONER SUPPLY SCREW	トナー補給スクリュー		Č	1 1	
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15	26NA 3293 0	TONER SUPPLY SEAL 3	トナー補給シール 3		С	2	4
16	26NA 3291 0	TONER SUPPLY SEAL 1	トナー補給シール 1		С	1	
17	26NA 3292 0	TONER SUPPLY SEAL 2	トナー補給シール 2		С	1	
18	26TA 3301 0	TONER AGITATE SHEET FRONT	トナー撹拌シート 前		С	1	
19	40AA 8803 1	LEVEL DETECTION SENSOR	残量検知センサ		С	1	
20	50GA 3208 0	TONER SUPPLY OPEN CLOSE PLATE	トナー補給開閉板		D	1	
21	26NA 3228 0	SCREW SEAL PART UPPER	スクリューシール部材 上		C	1	┪
22	26NA 3254 0	TONER AGITATE SHAFT HOLDER	トナー攪拌軸受		Č	1 1	
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23	26NA 3220 0	SCREW SEAL PART LOWER	スクリューシール部材 下		C	1	
24	26NA 3255 0	TONER AGITATE SHAFT HOLDER RIGHT	トナー搬送軸受の右		С	1	
25	26NA 3209 0	TONER SUPPLY OPEN CLOSE SPRING	トナー補給開閉バネ		В	1	
26	26NA 3290 0	SPEWING PREVENTIVE SPACER	飛散防止スペーサー		С	1	
27	26NA 3230 0	TONER SUPPLY OPEN CLOSE SHEET	トナー補給開閉シート		С	1	
28	26NA 3243 0	TONER SUPPLY OPEN CLOSE COVER	トナー補給開閉カバー		C	1	
29	26NA 3269 0	TONER AGITATING SHAFT /2	トナー撹拌軸/2		D	1	
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TONER SUPPLY UNIT

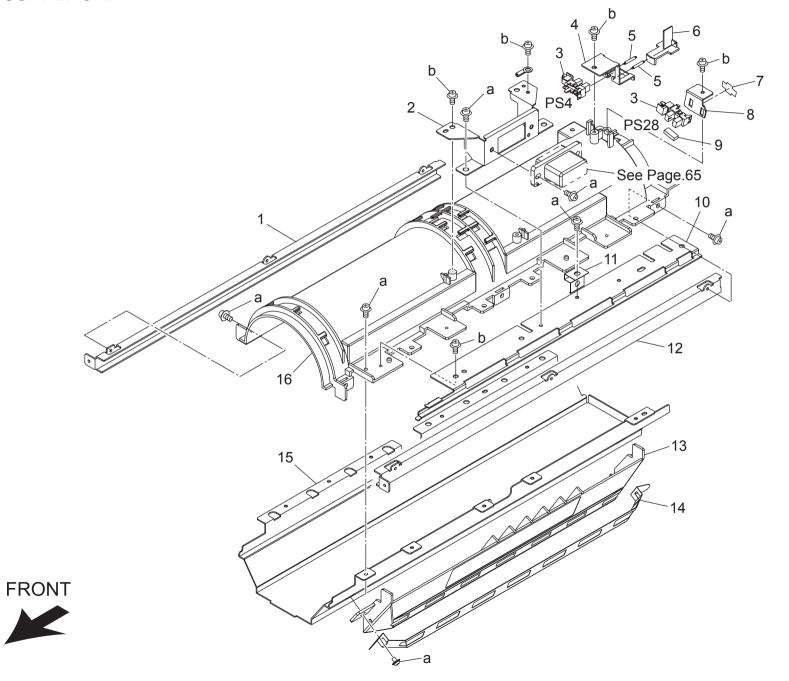


FRONT

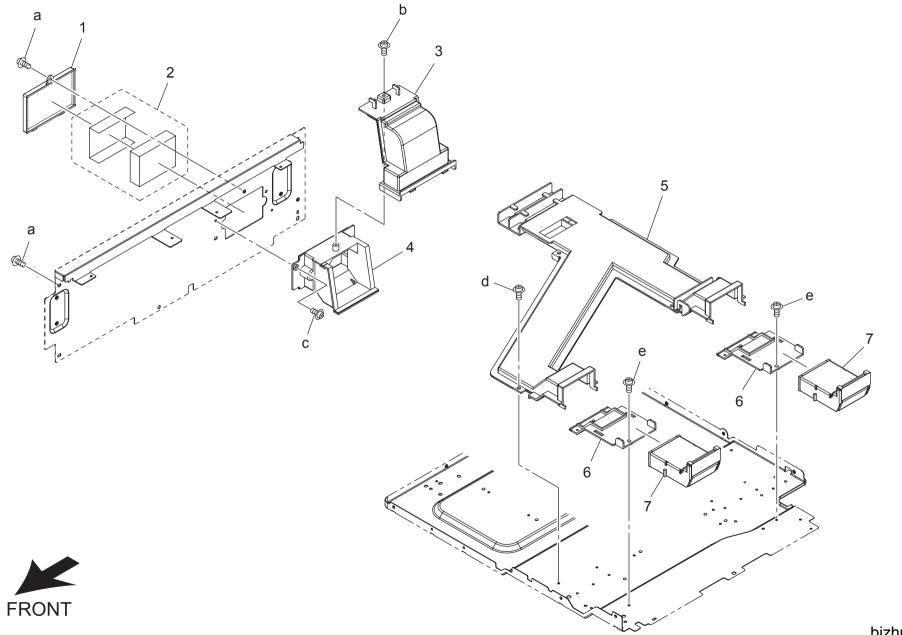
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2 3 4 5 6 7 8 9 10	50GA -332 1 26TA 3296 0 26TA 3297 0 26TA 3299 0 50GA -334 1 26TA 3298 0 50GA -333 0 50GA 3285 1 26NA 3287 0 50GA 3312 0 50GA 3311 0 50GA 3311 0 50GA 3326 0	TONER CARTRIDGE PRESSING ASSY CARTRIDGE REGULATING PLATE CARTRIDGE REGULATING SPRING COVER PART TONER SUPPLY GUIDE PART ASSY CARTRIDGE PRESSING SPRING 3 PRESSING ASSY CARTRIDGE PRESSING HANDLE CARTRIDGE PRESSING HANDLE CARTRIDGE PRESSING HANDLE B Cartridge Pressing Pedestal TONER SUPPLY SUPPORT SHAFT TONER SUPPLY OPEN CLOSE SPRING	トナーカートリッジ押圧部組 カートリッジ規制板 カートリッジ規制バネ カバー部材 トナー補給ガイド部材部組 カートリッジ押圧バネ/3 押圧部組 カートリッジ押圧把手 カートリッジ押圧にボネ 2 カートリッジ押圧にも トナー補給支点軸 トナー補給関バネ A		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 2 1 1 1 1 1 1 1 1 1	a-V217 0300 50 b-V151 0308 03 c-00Z6 1042 1 d-V151 0410 03 e-V121 0306 03
14	50GA 3310 0	TONER SUPPLY SUPPORT PLATE	トナー補給支点板		D	1	
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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2 3 4 4	50GA 3308 0E 50GA 3210 2I 50GA 3318 2 50GA 3315 2F 50GE 3315 2F	TONER SUPPLY PULLING LEVER Toner supply Guide Plate /Lower TONER SUPPLY AUXILIARY COVER B Toner supply Index Part Toner supply Index Part	トナー補給引張りレバー トナー補給ガイド板/下 トナー補給補助カバー B トナー補給指標部材 トナー補給指標部材	A B,G2	0000	1 1 1 1	a-V151 0308 03 b-V118 0304 03 c-V121 0306 03
4 5 6 7 8	50GF 3315 2F 50GA 3306 0E 50GA 3309 1E 50GA 3304 0 50GA 3319 0	Toner supply Index Part TONER SUPPLY AUXILIARY COVER LEVER MOUNTING PLATE TONER SUPPLY GUIDE RAIL /MIDDL MOUNTING PLATE /A	トナー補給指標部材 トナー補給指標部材 トナー補給補助カバー レバー取り付け板 トナー補給ガイドレール/中 取り付け板/ A 取り付け部材/ A 部組	C	C C C D	1 1 1 2 2	
9 10 11	50GA -337 0 50GA 3321 0 50GA 3332 0	MOUNTING PART /A ASSY REGULATING SEAL A SCATTER PREVENTING SEAL B	取り17mM/ A 部組 規制シール/ A 飛散防止シール/ B		C C	2 2 2	
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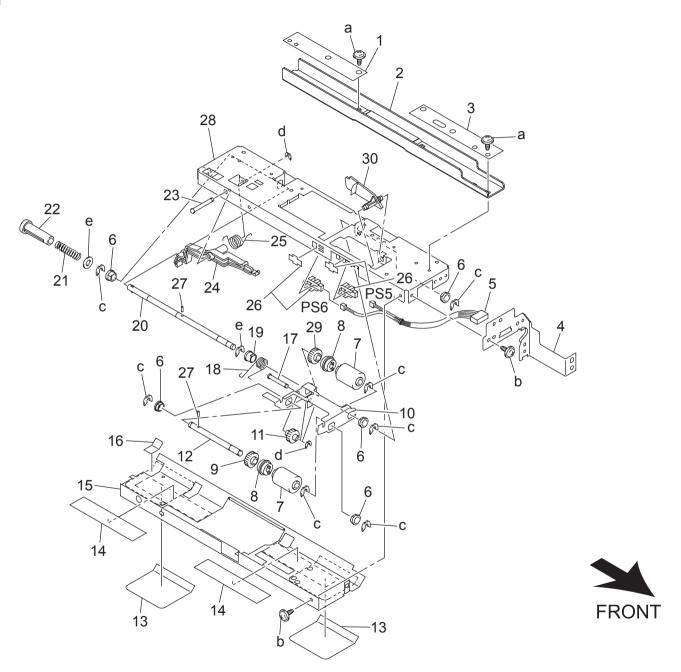


Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	50GA 3303 0	TONER SUPPLY GUIDE RAIL/LEFT	 トナー補給ガイドレール/左		D	1	a-V121 0304 03
2	50GA 3324 0	CORD MOUNTING PLATE/1	コード取付板/1		D	1	b-V151 0308 03
3	9335 1300 61	PHOTO INTERRUPTER	フォトインタラプタ		В	2	
4	50GA 3307 1	MOUNTING PLATE	センサ取付板		C	1	
5	50GA 3317 0E	SLIDE SPRING /A	スライドバネ/ A		С	2	
6	50GA 3223 0	DETECTION ACTUATOR	検知アクチェタ		С	1	
7	4470 4024 01	STOPPER	ストッパ		D	1	
8	50GA 3316 1E	MOUNTING PLATE /B	センサ取り付け板/ B		С	1	
9	50GA 3333 0	SCATTER PREVENTING SEAL C	飛散防止シール/ C		Č	1 1	
			レール/左			1 1	
10	50GA 3314 0	RAIL/LEFT			D		
11	50GA 3325 0	TONER SUPPLY EARTH PLATE 1	トナー補給アース板 1		С	1	
12	50GA 3302 0	TONER SUPPLY GUIDE RAIL/RIGHT	トナー補給ガイドレール/右		D	1	
13	50GA 3313 0	COOLING COVER E	冷却カバー E		С	1	
14	50GA -336 0	FILTER MOUNTING PLATE ASSY	フィルタ取り付け板部組		A	1	
						1 1	
15	50GA 3305 0E	TONER SUPPLY PROTECTION PART	トナー補給保護部材		D		
16	50GA 3211 1F	TONER SUPPLY GUIDE PLATE /UPPER	トナー補給ガイド板/上		С	1	
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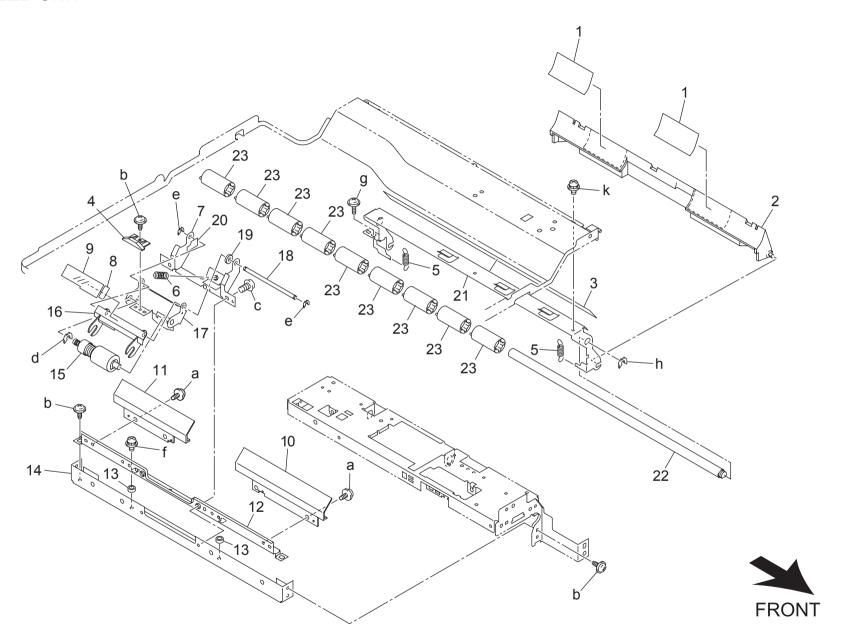


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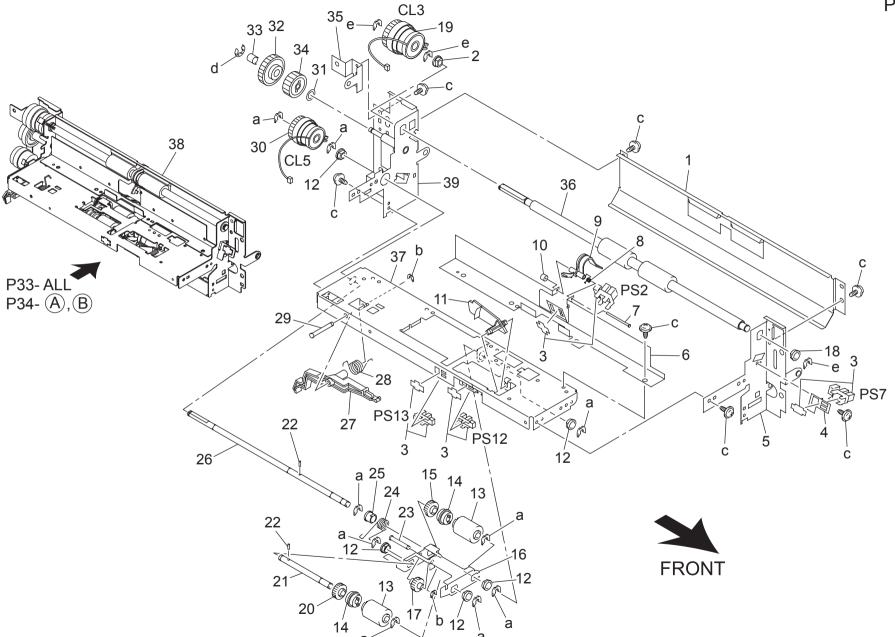
		SUCTION UNIT			-	0=1/	Page. 30
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2 3 4 5	A0R5 R701 00 40LA R705 00 50GA -313 0 50GA -315 0 50GA -316 0	Filter Cover ASSY SUCTION FILTER A ASSY SUCTION COVER 6 ASSY FAN COVER ASSY SUCTION COVER 1 ASSY	フィルターカバー ASSY サクションフィルタ/ A 部組 サクションカバー/6部組 ファンカバー部組 サクションカバー 1部組		A A D D	1 1 1 1	a-V121 0306 03 b-V151 0308 03 c-V137 0308 03 d-V144 0306 03 e-V144 0308 03
6 7	50GA -319 0 50GA -311 0	SUCTION COVER 8 ASSY SUCTION COVER 2 ASSY	サクションカバー/8部組 サクションカバー/2部組		D A	2 2	_
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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	4030 3087 01	REINFORCE PLATE	補強板		D	1	a-9735 0308 14
2	4030 3084 01	REINFORCE PLATE	補強板		D	1	h_0735 0306 1/
3	4030 3086 01	REINFORCE PLATE	補強板		D	1	c-4425 3001 01
4	4030 3041 02	FRAME	フレーム		D	1	c-4425 3001 01 d-4425 3002 01 e-9715 0600 01
5	4030 6811 01	WIRE HARNESS ASSY	ハーネス A S S Y		D	1	e-9/15 0600 01
6	4131 3003 01	BUSHING	軸受		C	5	
7	4030 3005 01	ROLLER	ローラ		Ä	2	
8	4030 3003 01	CLUTCH	クラッチ		Ĉ	2	
9	4425 3016 01	GEAR 32T	デヤ 32 T		C	4	
		HOLDER	ホルダ		D	1	
10	4030 3002 02	GEAR 29T	ボルタ ギヤ 29 T			1	4
11	4030 3008 01				С		
12	4030 3003 01	SHAFT	シャフト		D	1	
13	4030 3036 01	GUIDE	ガイド		С	2	
14	4030 3088 01	WEIGHT	重り		С	2	
15	4030 3023 03	GUIDE PLATE	ガイド板		D	1	
16	4030 3085 01	COVER	カバー		С	1	
17	4040 3097 01	SHAFT	シャフト		D	1	
18	4030 3030 01	TORSION SPRING	ねじりコイルばね		С	1	
19	1065 3086 01	BUSHING	シ゛クウケ		С	1	
20	4030 3004 01	SHAFT	シャフト		D	1	
21	1070 3072 01	PRESSURE SPRING	アッシュクスフ゜リンク゛		С	1	
22	1052 4412 01	JOINT	シ゛ョイント		C	1	
23	4040 3096 01	SHAFT	シャフト		D	1	
24	4030 3011 03	LEVER	レバー		Č		
25	4030 3011 03	TORSION SPRING	ねじりコイルばね		C	1	
26	4037 0906 01	PHOTO INTERRUPTER	フォトインタラプター		В	2	-
	1067 2501 01	PIN	E ° \(\)		C	2	
27 28		FRAME	フレーム		D	2	
	4030 3001 03						
29	4425 3013 01	GEAR 30T	#7 30 T		С	1 1	
30	4030 3016 12	ACTUATOR	アクチュエータ		С	1	-
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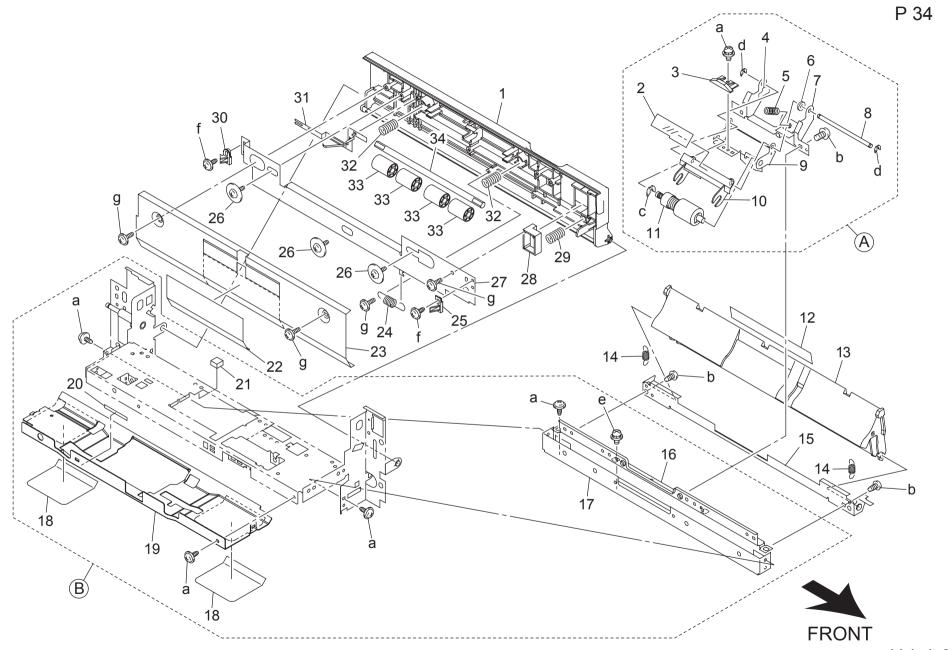


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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2 3 4 5	4030 3108 01 4030 3032 03 50GA 4001 0 4030 3078 01 4030 3125 01	GUIDE GUIDE ROLLER GUIDE SHEET LEVER TENSION SPRING	ガイド ガイド ローラガイドシート レバー 引張コイルばね		C D C C	2 1 1 1 2	a-9735 0308 14 b-9735 0306 14 c-9743 0308 14 d-4425 3001 01 e-4425 3002 01 f-9646 0308 14
6 7 8 9 10 11 12 13 14 15 16	4030 3017 03 4030 3017 03 4030 3014 01 4030 3080 01 4030 3029 01 4030 3027 02 4030 3027 02 4030 3037 01 26NA 2030 0 4030 3025 02 4030 0151 01 4030 3013 01	PRESSURE SPRING BRACKET GUIDE GUIDE GUIDE GUIDE GUIDE REINFORCE PLATE SEPARATE ROCKING COLLAR BRACKET SEPARATION ROLLER ASSY GUIDE HOLDER	正縮コイルばね 取付板 ガイド ガイド ガイド ガイド 補強板 分離揺動カラー 取付板 分離ローラ ASSY		C D C D D D D D D D D D D D D D D D D D	1 1 1 1 1 1 1 2 1 1 1	g-9739 0308 14 h-1066 1151 01 k-9646 0306 14
18 19 20 21 22 23	4030 3039 01 4040 5610 00 4040 5612 00 50GA 4003 0 50GA 4002 0 4658 3513 01	SHAFT Spacer Spacer ROLLER MOUNTING PLATE UPPER PAPER FEED ROLLER SHAFT ROLLER	シャフト スペーサ スペーサ ローラ取り付け板/上 給紙ころがり軸 ローラ		D D D C C C	1 1 1 1 1 9	
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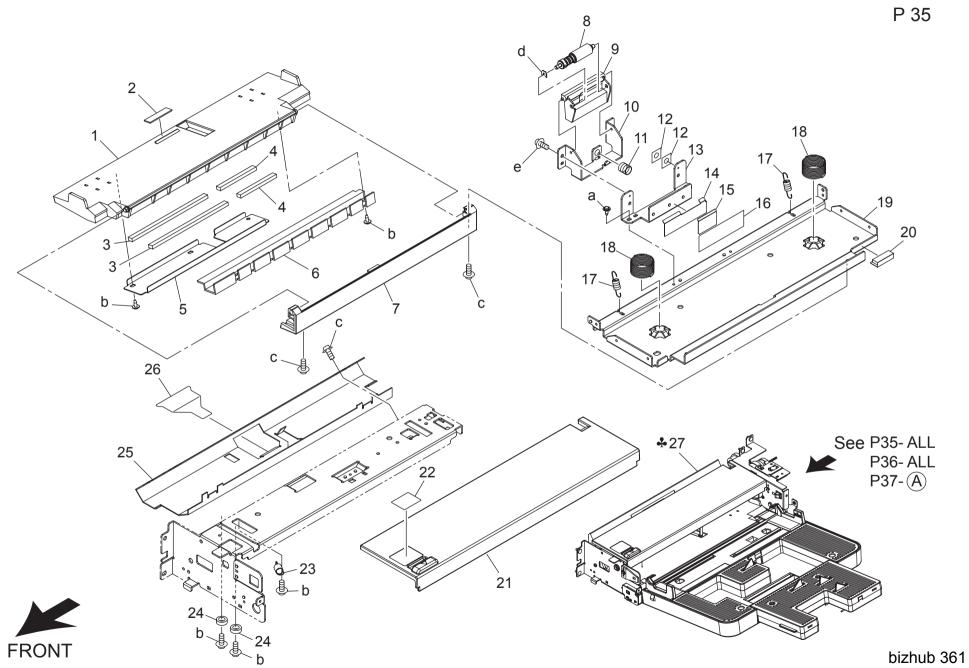


Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	4030 3112 02	GUIDE PLATE	ガイド板		D	1	a-4425 3001 01
2	4131 3532 02	BUSHING	軸受		С	1	b-4425 3002 01
3	4037 0906 01	PHOTO INTERRUPTER	フォトインタラプター		В	4	c-9735 0306 14
4	4030 3128 01	BRACKET	取付板		D	1	d-9721 0400 01 e-1066 1151 01
5	4030 3042 02	FRAME	ブレーム		D	1	e-1000 1151 01
6	4030 3018 01	BRACKET	取付板		D	1	=
7	1200 5212 04	PIN	上。ン		D	1	
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8	4030 3031 01	TORSION SPRING	ねじりコイルばね		C	1	
9	4030 3019 02	ACTUATOR	アクチュエータ		С	1	
10	1134 3041 01	COLLAR	カラー		D	1	
11	4030 3016 12	ACTUATOR	アクチュエータ		С	1	
12	4131 3003 01	BUSHING	軸受		С	5	
13	4030 3005 01	ROLLER	ローラ		Α	2	
14	4030 3034 01	CLUTCH	クラッチ		C	2	
15	4425 3013 01	GEAR 30T	ギヤ 30 T		Č	1	
16		HOLDER			D	1	-
	4030 3002 02		ホルダ			1	
7	4030 3008 01	GEAR 29T	ギヤ 29 T		C	1	
18	50GA 4005 0	PAPER FEED SHAFT HOLDER	給紙軸受		С	1	1
9	50GA 8202 0	CONVEYANCE CLUTCH	搬送 クラッチ		С	1	
0	4425 3016 01	GEAR 32T	ギヤ 32 T		С	1	
1	4030 3003 01	SHAFT	シャフト		D	1	1
2	1067 2501 01	PIN	le ° v		С	2	
3	4040 3097 01	SHAFT	シャフト		D	1	
3 4	4030 3030 01	TORSION SPRING	ねじりコイルばね		C		
			ねしりコイルはね			•	
5	1065 3086 01	BUSHING	シ゛クウケ		С	1	
6	4030 3022 01	SHAFT	シャフト		D	1	
27	4030 3011 03	LEVER	レバー		С	1	
28	4030 3012 01	TORSION SPRING	ねじりコイルばね		С	1	
29	4040 3096 01	SHAFT	シャフト		D	1	
30	9322 1500 12	CLUTCH	クラッチ		С	1	
31	4030 3092 01	WASHER	ワッシャ		D	1	†
32	4030 3064 01	GEAR 33T	ギヤ 33 T		Č	1 1	
3	4030 3069 01	SLEEVE	スリーブ		D	1	
4	4030 3068 01	GEAR 26T	ギヤ 26 T		С	1	
5	4030 3063 01	BRACKET	取付板		D	1	
6	4030 3021 01	ROLLER	ローラ		С	1	1
7	4030 3010 02	FRAME	フレーム		С	1	1
8	50GA -400 0	LOWER PAPER ASSY	給紙 2 部組		S	1	1
39	50GA -402 0	FRAME ASSY	フレーム ASSY		D	1	1
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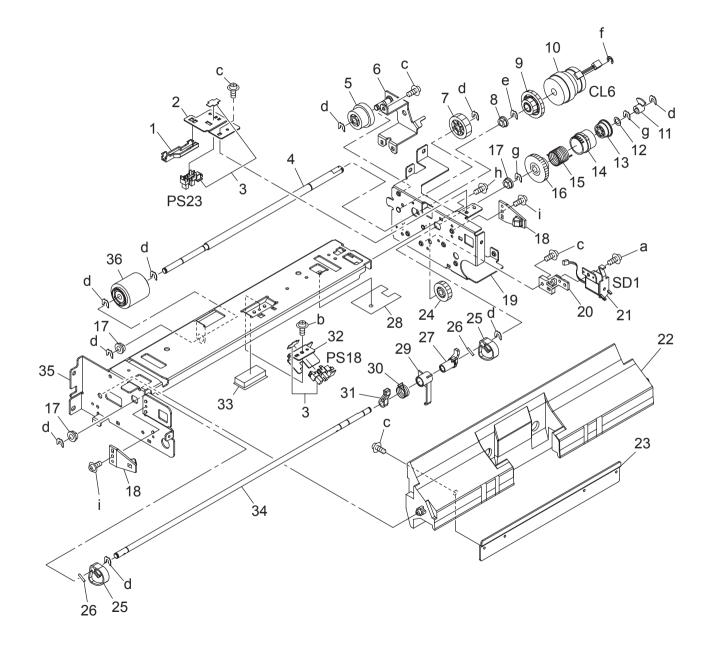
PAPER FEED UNIT



Key	Part No.	D	escription	Destinations	Class	QTY	Standard parts
1	A0R5 5611 00	Door			С	1	a-9735 0306 14
2	4030 3079 01	GUIDE	ガイド		С	1	b-9743 0308 14
3	4030 3078 01	LEVER	レバー		С	1	c-4425 3001 01
4	4040 5612 00	Spacer	スペーサ		D	1	d-4425 3002 01 e-9646 0308 14
5	4030 3017 03	PRESSURE SPRING	圧縮コイルばね		C	1	f-9735 0308 14
6	4040 5610 00	Spacer	スペーサ		D	1	g-9739 0308 14
7	4030 3014 01	BRACKET	取付板		D	1	
8	4030 3039 01	SHAFT	シャフト		D	1 1	
9	4030 3033 01	HOLDER	ホルダ		D		
10	4030 3073 01	GUIDE	ガイド		D		
11	4030 3077 01	SEPARATION ROLLER ASSY	分離ローラ A S S Y		A	1	4
	4030 0151 01	GUIDE	ガイド		C		
12					_	1	
13	4030 3124 03	GUIDE	ガイド		D	1	
14	4030 3125 01	TENSION SPRING	引張コイルばね		C	2	
15	4030 3129 03	BRACKET	取付板		D	1	
16	4030 3037 01	REINFORCE PLATE	補強板		D	1	
17	4030 3025 02	BRACKET	取付板		D	1	
18	4030 3036 01	GUIDE	ガイド		С	2	
19	4030 3095 01	GUIDE PLATE	ガイド板		С	1	
20	50GA 4007 00	FILM	スペーサ		С	1	
21	50GA 4006 00	CUSHION	防振材		C	1	1
22	4030 3107 01	GUIDE	ガイド		Ċ	1	
23	4030 3114 02	GUIDE PLATE	ガイド板		D	1	
24	4030 3114 02	TENSION SPRING	引張コイルばね		Č	1	
25	4030 3110 01	LEVER	レバー		C	1	
26	4163 5293 01	SCREW	ねじ		C	3	4
27	4030 3117 02	BRACKET	取付板		D	1	
28	A0R5 5630 00	Handle	取手		С	1	
29	1149 3454 01	PRESSURE SPRING	圧縮コイルばね		С	1	
30	4030 3115 01	LEVER	レバー		С	1	
31	4030 3134 03	EARTH GROUND	アース		С	1	
32	4030 3123 01	PRESSURE SPRING	圧縮コイルばね		С	2	
33	4030 3122 01	ROLL	ころ		С	4	
34	4030 3121 01	SHAFT	シャフト		D	1	
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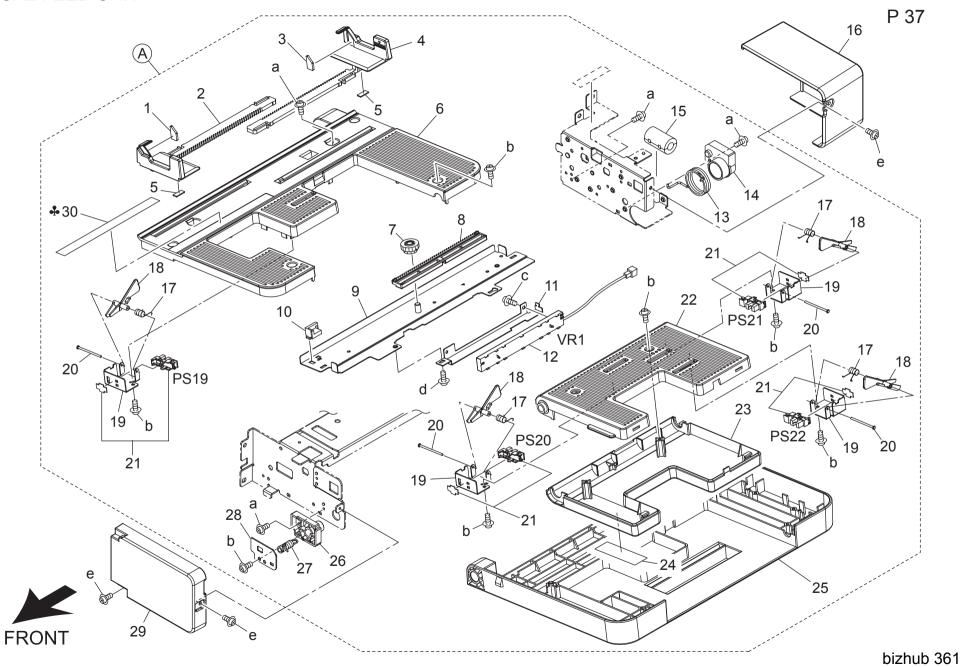
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	A0R5 6009 00	Lifting Plate	押上げ板		D	1	a-V144 0308 03 b-V153 0308 03 c-V137 0308 03 d-V218 0300 86
2	4687 3281 01	FRICTION SHEET	摩擦板		С	1	b-V153 0308 03
3	4030 3477 01	SEAL	シール		С	2	c-V137 0308 03
4	4030 3476 01	SEAL	シール		C	2	e-V116 0300 86
5	4030 3456 01	REINFORCE PLATE	補強板		Ď	1	e-v 1 16 0306 03
6	4030 3484 01	WEIGHT	重り		D	1	1
7	A0R5 6025 00	Holder	ホルダ		D	1	
8	4034 0151 01	SEPARATION ROLLER	分離ローラ		A		
9	4131 3053 02	HOLDER	ホルダ		Ď		
		BRACKET	取付板		D		
10	4030 3404 01					1	4
11	4030 3475 01	PRESSURE SPRING			С	1	
12	4030 3492 01	SPACER	スペーサ		С	2	
13	4030 3474 01	BRACKET	取付板		D	1	
14	4030 3402 01	GUIDE PLATE	ガイド板		С	1	
15	4030 3403 01	GUIDE	ガイド		С	1	
16	4030 3489 01	SEAL	シール		С	1	
17	4030 3428 01	TENSION SPRING	引張コイルばね		С	2	
18	4030 3457 03	PRESSURE SPRING	圧縮コイルばね		Č	2	
19	4030 3424 01	BRACKET	取付板		D	1	
20	4030 3448 01	CUSHION	クッション		C		
21	A0R5 6042 00	Cover /Upper	カバー/上		D	1	
	A0R5 9421 01		ラベル		C		
22		Label					
23	4030 3438 01	TENSION SPRING	引張コイルばね		С	1	
24	4030 3481 01	COLLAR	カラー		С	2	
25	4040 3496 01	GUIDE	ガイド		D	1	
26	4040 3495 01	GUIDE	ガイド		С	1	
27	A0R5 R703 00	Multi Bypath UNIT	マルチ手差しユニット	A	С	1	
27	A0R5 R704 00	Multi Bypath UNIT	マルチ手差しユニット	B,G2	С	1	
27	A0R5 R705 00	Multi Bypath UNIT	マルチ手差しユニット	C	С	1	
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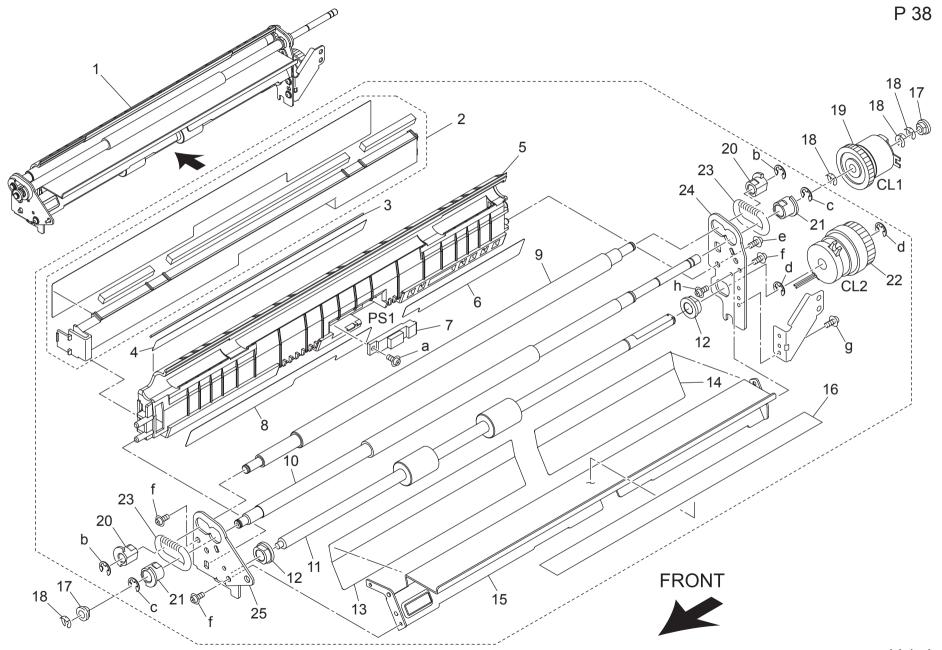


Key	Part No.		Description	Destinations	Class	QTY	Standard part
1	4030 3429 02	MEMBER	押え材		D	1	a-V153 0308 03
2	4030 3479 01	BRACKET	取付板		D	1	b-V137 0306 03
3	4037 0906 01	PHOTO INTERRUPTER	フォトインタラプター		В	2	c-V137 0308 03
4	4030 3434 01	SHAFT	シャフト		D	1	d-V218 0400 86 e-V217 0600 01
5	4030 3441 01	GEAR 20/25T	ギヤ 20/25 T		C	1	f-V218 0600 86
6	4030 R708 00	BRACKET ASSY	取付板 A S S Y		D	1	g-V217 0400 01
7	1075 2565 01	GEAR 25T	ギヤ 25 T		C	1	h-V136 0308 03
					_	-	i-V144 0308 03
8	4658 3517 01	BUSHING	軸受		С	1	
9	4030 3467 01	GEAR 16/30T	ギヤ 16/30 T		С	1	
10	9J06 M201 00	CLUTCH	クラッチ		С	1	
11	4030 3478 02	SHIELD PLATE	進光板		D	1	
12	4131 4128 01	WASHER	ワッシャ		С	1	
13	4131 3007 02	DRUM	ドラム		D	1	
14	4030 3420 02	RATCHET	ラチェット		С	1	
15	4030 3419 01	TORSION SPRING	ねじりコイルばね		В	1	
16	4131 3004 02	GEAR 30T	ギヤ 30 T		C	1	
17	4030 3093 01	BUSHING	軸受		C	3	
17 18		LEVER	地文 レバー		C	_	
	4030 3430 01					2	
19	4030 R707 00	BRACKET ASSY	取付板ASSY		С	1	
20	4030 3422 01	HOLDER	ホルダ		D	1	
21	9J06 M200 00	SOLENOID	フラッパーソレノイド		С	1	
22	4030 3401 13	HOLDER	ホルダ		D	1	
23	4030 3427 01	REINFORCE PLATE	補強板		D	1	
24	1300 3322 17	GEAR 20T	ギヤ 20 T		С	1	
25	4030 3417 01	CAM	カム		C	2	
26	1067 2502 01	PIN	E°V		D	2	
27 27	4030 3464 01	HOLDER	ホルダ		D	1	
			ガイド			1	
28	4030 3447 01	GUIDE			С		
29	4030 3444 01	ACTUATOR	アクチュエータ		С	1	
30	4030 3445 01	TORSION SPRING	ねじりコイルばね		С	1	
31	4030 3465 01	HOLDER	ホルダ		D	1	
32	4040 3443 01	BRACKET	取付板		D	1	
33	4040 3497 01	CUSHION	│防振材		С	1	
34	4030 3416 02	SHAFT	シャフト		D	1	
35	4030 3432 07	BRACKET	取付板		С	1	
36	4131 3001 01	ROLLER	ローラ		Ā	1	
50	4131 3001 01	KOLLEK	- /		^	'	
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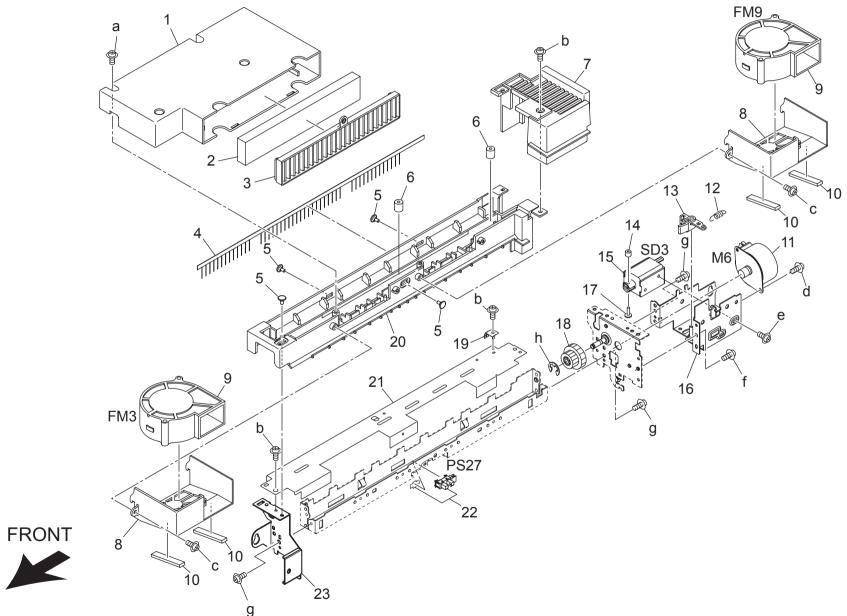
MANUAL FEED UNIT



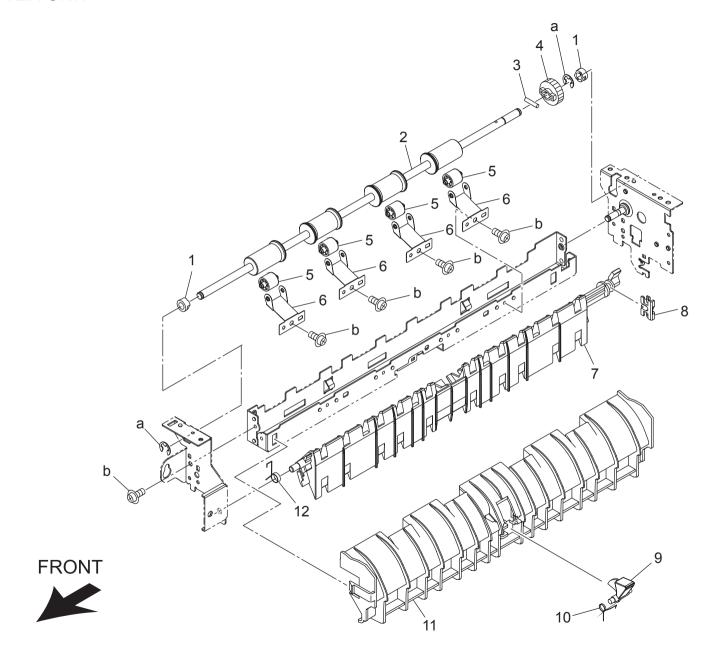
Cey	Part No.		Description	Destinations	Class	QTY	Standard parts
1	4030 3486 01	BRAKE	ブレーキ材		С	1	a-V137 0308 03
2	A0R5 6010 00	Regulating Plate	規制板		С	1	l b-V153 0308 03
3	4030 3487 01	BRAKE	ブレーキ材		С	1	c-V116 0306 03
4	A0R5 6011 00	Regulating Plate	規制板		C	1	d-V137 0306 03
5	4131 4623 04	CLEANING PAD	クリーニングパッド		Č	2	e-V137 0308 04
6	A0R5 6066 00	Cover	カバー		Č	1	
7	4030 3412 01	GEAR 13/18T	ギヤ 13/18 T		С	1	
8	4030 3460 02	RACK	ラック		С	1	
9	4030 0216 05	BRACKET ASSY	取付板 ASSY		D	1	
10	4030 3463 01	STOPPER	ストッパ		D	1	
11	4030 3455 02	BRACKET	取付板		D	1	
12	4037 6899 01	RESISTOR	テイコウキ		D	1	
13	4030 3436 01	TORSION SPRING	ねじりコイルばね		С	1	
14	4030 3472 01	HOLDER	ホルダ		D	1 1	
15					D		
	9326 1910 31	FERRITE CORE	フェライトコア				4
16	A0R5 6026 00	Cover	カバー		С	1	1
17	4030 3446 01	TORSION SPRING	ねじりコイルばね		С	4	1
18	4030 3415 02	ACTUATOR	アクチュエータ		С	4	
19	4030 3414 01	BRACKET	取付板		D	4	
20	1134 3042 02	SHAFT	シャフト		D	4	1
21	4037 0906 01	PHOTO INTERRUPTER	フォトインタラプター		В	4	1
					C	1	1
22	A0R5 6023 00	Tray				•	1
23	A0R5 6059 00	Cover	カバー		C	1	1
	A0R5 9430 00	Label	ラベル		С	1	1
25	A0R5 6008 00	Tray	トレイ		С	1	_
26	4030 3473 02	HOLDER	ホルダ		D	1	
27	4030 3435 01	TORSION SPRING	ねじりコイルばね		С	1	1
28	4030 3437 01	BRACKET	取付板		Ď	l i	1
	A0R5 6108 01	Cover /Front	カバー/前		C		1
30	4030 7306 02	SCALE METRIC	スケール メトリック	A D CO	C		4
30	4030 7308 02	SCALE INCH	スケール インチ	B,G2	С	1	
30	4030 7307 02	SCALE METRIC	スケール メトリック	С	D	1	
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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	50GA -380 1	REGISTRATION ASSY	レジスト部組		С	1	a-V145 0308 03
2	50GA -382 0	REGISTRATION CLEANER ASSY	レジストクリーナー部組		С	1	b-V217 0400 50
3	50GA 3875 0D	Regist Dust-proof Part	レジスト防塵部材		С	1	c-V217 0500 50
4	50GA 3870 0E	Transfer Guide Sheet	転写ガイドシート		С	1	d-V217 0600 50 e-V151 0308 03 f-V144 0306 03
5	50GA 3854 1F	Regist Main body	レジスト 本体		D	1	f-V144 0306 03
6	50GA 3858 1F	Paper feed Regulating Sheet	給紙規制シート		С	1	a-V123 0306 03
7	13QA 8552 1	SENSOR 2	センサ 2		В	1	g-V123 0306 03 h-V121 0314 03
8	50GA 3869 1F	Paper feed Regulating Sheet /Middle	給紙規制シート/中		C	1	
9	50GA 3849 0	REGISTRATION ROLLER B	レジスト ローラ B		Č	1 1	
9 10	50GA 3848 0	REGISTRATION ROLLER A	レジストローラ A		В	1	
11	50GA 3865 0E	PAPER FEED CONNECTING ROLLER				1	4
					В		
12	26NA 4082 0	PAPER FEED SLIDE BUSHING	給紙滑り軸受		В	2	
13	50GA 3879 0	REGIST GUIDE SHEET FRONT	レジストガイドシート 前		С	1	
14	50GA 3861 0	REJIST GUIDE SHEET REAR	レジストガイドシート 奥		С	1	
15	50GA 3868 0E	Regist Guide Plate	レジストガイド板		D	1	
16	50GA 9749 0E	Drum Caution Label	ドラム注意ラベル		D	1	
17	13QA 7602 1	SHAFT HOLDER 2	軸受 2		С	2	
18	12QV 4066 0	SHAFT POSITIONING PART	軸位置決め部材		C	4	
19	57AA 8203 0	CONVEYANCE DRIVE CLUTCH	搬送駆動クラッチ		Č	1 1	
20	26NA 4537 1	REGISTRATION UNIT SHAFT HOLDER /2	レジスト軸受/2		В	2	
21	26NA 4536 0	REGISTRATION UNIT SHAFT HOLDER /1	レジスト軸受/1		В	2	_
22	50GA 8202 0	CONVEYANCE CLUTCH	搬送 クラッチ		C	1	
					_		
23	26NA 4514 1	REGISTRATION UNIT SPRING	レジストバネ		В	2	
24	50GA 3867 0E	REGIST SUPPORT PANEL /REAR	レジスト支持パネル/奥		D	1	
25	50GA 3813 0	REGIST SUPPORT PANEL FRONT	レジスト支持パネル/前		D	1	
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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	A0R5 8704 00	Cover	カバー		С	1	a-V153 0310 03 b-V136 0308 03
2	50GA 4406 0	PAPER EXIT SUCTION FILTER	排紙サクションフィルタ		Α	1	b-V136 0308 03
3	A0R5 8705 00	Cover /Right	カバー/右		С	1	c-V153 0306 03
4	4040 3833 02	NEUTRALIZING BRUSH	除電ブラシ		D	1	0-7135 0308 03
5	4011 5852 02	SHOULDER SCREW	段ねじ		C	4	d-V135 0308 03 e-V116 0306 03 f-V137 0306 03
6	4498 3388 01	COLLAR	カラー		C	2	g-V121 0306 03
7	A0R5 8820 00	Cover /Upper	カバー/上		D	1	g-V121 0306 03 h-V218 0400 86
8		Cover	カバー		D		
	A0R5 8711 00					2	
9	9313 1100 33	FAN MOTOR	ファンモータ		С	2	
10	50GA 4407 0	PAPER EXIT SEAL /1	排紙 シール/1		С	4	
11	9314 1200 91	MOTOR	パルスモータ		С	1	
12	4030 3810 01	TENSION SPRING	引張コイルばね		С	1	
13	4030 3809 01	LEVER	レバー		С	1	
14	1200 2105 02	COLLAR	カラー		D	1	
15	9321 2200 32	SOLENOID	直流プランジャソレノイド		Ċ	l i	
16	4030 0207 04	BRACKET ASSY	取付板 ASSY		D	1	=
		PIN	ポリが ASST		D	1	
17	4002 3779 01		ار کا اید این				
18	4030 3821 01	GEAR	ギャ		С	1	
19	4030 3834 01	EARTH GROUND	アース		С	1	
20	A0R5 8703 00	Guide Part	ガイド材		D	1	1
21	50GA 4402 0	MOUNTING STAY /RIGHT	取り付けステー/右		D	1	
22	4037 0906 01	PHOTO INTERRUPTER	フォトインタラプター		В	1	
23	50GA 4410 0E	Paper exit Panel /Front	排紙 パネル/前		D	1	
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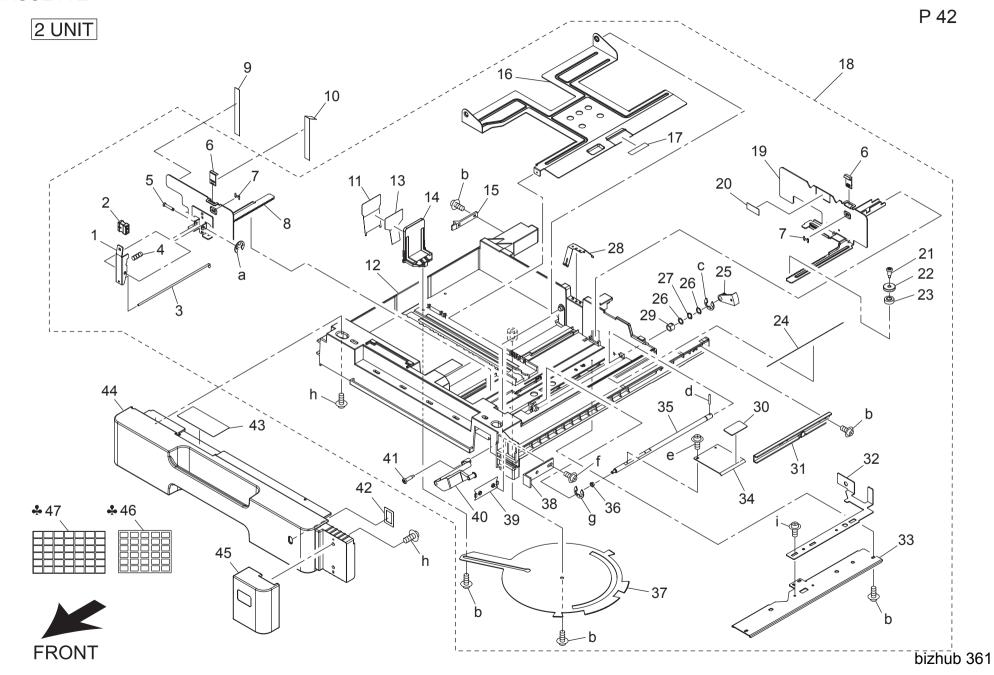
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2 3	1139 3169 01 50GA 8601 00 4131 2536 02	BUSHING Paper exit Roller /1 PIN	軸受 排紙ローラ/ 1 ピン		C C C	2 1 1	a-V218 0400 86 b-V137 0306 03
4 5 6	4030 3826 01 4426 4411 02 4030 3817 01	GEAR ROLL PLATE SPRING	ギヤ ロール 板ばね		C C	1 4 4	-
7 8 9 10	4030 3807 03 4030 3823 01 4030 3818 02 4030 3819 01	GUIDE BUSHING ACTUATOR TORSION SPRING	ガイド 軸受 アクチュエータ ねじりコイルばね		D D C C	1 1 1 1	
11 12	4030 3805 02 4030 3808 01	GUIDE TORSION SPRING	ガイド ねじりコイルばね		D C	1	
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CONVEYANCE UNIT P 41 TSL 26 FRONT 22 23

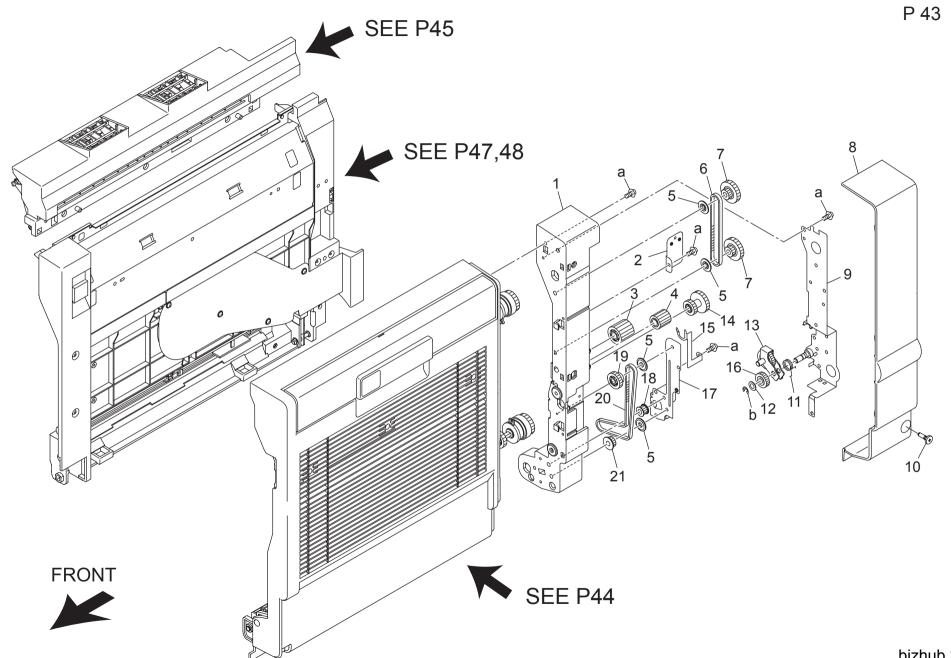
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1 28NA 4582 0 STICKING PART	Class	QTY	Standard part
2 50GA 4571 0 PTL LIGHT BLOCKING SHEET PT L 遮光シート PT L	С	3	a-V121 0306 03
3 50GA -913 0 PTL	С	1	b-V111 0304 03
4 50GA 4532 1 OPEN CLOSE LEVER 1 開閉レバー 1 ロックパネ 2 1 ロックパネ 2 1 ロックパネ 2 1 ロックパネ 2 1 ロックパネ 2 1 ロックパネ 2 1 ロックパネ 2 1 ロックパネ 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1	c-V151 0308 03
5 50GA 4533 0 LOCK SPRING 2 ロックパネ 2 6 50GA 4535 1 CONVEYANCE HANDLE 搬送把手 7 50GA 4521 0D Conveyance Open/close Shaft 搬送開開軸 8 50GA 4553 0 CONVEYANCE COVER SHEET 搬送カバーシート 9 50GA 4508 0 LIFTING PLATE 持ち上げ板 10 28NA 4507 1 LIFT UP SPRING 持ち上げバネ 11 26NA 4507 0 LIFTING SPRING 2 持ち上げパネ 12 50GA 4573 0 CONVEYANCE COVER PART 5 搬送カバー部材 5 1 50GA 4573 0 CONVEYANCE COVER PART 4 搬送カバー部材 3 1 50GA 4573 0 CONVEYANCE COVER PART 1 搬送カバー部材 1 1 50GA 4559 0 CONVEYANCE COVER PART 2 搬送カバー部材 1 1 50GA 4559 0 CONVEYANCE COVER PART 2 搬送カバー部材 1 1 50GA 4559 0 CONVEYANCE COVER PART 2 搬送カバー部材 2 ロックパネ 1 1 50GA 4530 LOCK SPRING 1 ロックパネ 1 1 50GA 4531 1 OPEN CLOSE LEVER 2 開閉レバー 2 50GA 4539 0 CORD COVER DER PART 2 ルイシ 2 50GA 4539 0 CORD COVER DER PART 2 ルイシ 2 50GA 4539 0 CORD COVER DER PART 2 ルイシ 2 50GA 4539 0 CORD COVER DER PART 2 ルイシ 2 50GA 4539 0 CORD COVER DER PART 2 ルイシ 2 50GA 4530 0 CORD COVER DER PART 2 ルイシ 2 50GA 4530 0 CORD COVER DER PART 2 ルイシ 2 50GA 4530 0 CORD COVER DER PART 2 ルイシ 2 50GA 4530 0 CORD COVER DER PART 2 ルイシ 2 50GA 4530 0 CORD COVER DER PART 2 ルイシ 2 50GA 4530 0 CORD COVER DER PART 2 ルイシ 2 50GA 4530 0 CORD COVER DER PART 2 ルイシ 2 50GA 4530 0 CORD COVER DER PART 2 ルイシ 2 50GA 4530 0 CORD COVER DER PART 2 ルイシ 2 50GA 4530 0 CORD COVER DER PART 2 ルイシ 2 50GA 4530 0 CORD COVER ASSY 搬送カバー 3 6 EX 1 5 6 5 6 6 4 5 6 5 0 CORD COVER ASSY 搬送カバー 3 6 EX 1 5 6 5 6 6 4 5 6 5 0 CORD COVER ANSEY 搬送カバー 3 6 EX 1 5 6 5 6 6 4 5 6 5 0 CORD COVEY ANCE SUPPORT PLATE 1 ルーシ 2 5 5 6 6 4 5 6 5 0 CORD COVEY ANCE SUPPORT PLATE 1 ルーシ 2 5 5 6 6 4 5 6 5 0 CORD COVEY ANCE SUPPORT PLATE 1 ルーシ 2 5 5 6 6 4 5 6 5 0 CORD COVEY ANCE SUPPORT PLATE 1 ルーシ 2 5 5 6 6 4 5 6 5 0 CORD COVEY ANCE SUPPORT PLATE 1 トーシ 2 5 5 6 6 4 5 6 5 0 CORD COVEY ANCE SUPPORT PLATE 1 ルーシ 2 5 5 6 6 4 5 6 5 0 CORD COVEY ANCE SUPPORT PLATE 1 トーシ 2 5 5 6 6 4 5 6 5 0 CORD COVEY ANCE SUPPORT PLATE 1 トーシ 3 5 6 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Ċ	1	
6 50GA 4535 1 CONVEYANCE HANDLE 搬送把手	Č	i i	
7 50GA 4521 0D Conveyance Open/close Shaft	C	1 1	
8 50GA 4553 0 CONVÉYANCÉ COVER SHEET 搬送力パーシート 50GA 4508 0 LIFTING PLATE 持ち上げ板 11 26NA 4507 1 LIFT UP SPRING 持上げパネ 11 26NA 4549 0 LIFTING SPRING 2 持ち上げパネ 2 50GA 4575 0 CONVEYANCE COVER PART 5 搬送力パー部村 5 地送力パー部村 4 地送力パー部村 4 地送力パー部村 4 地送力パー部村 5 地送力パー部村 5 地送力パー部村 5 地送力パー部村 4 地送力パー部村 5 地送力パー部村 5 地送力パー部村 4 地送力パー部村 1 地送力パー部村 1 地送力パー部村 1 地送力パー部村 1 地域力パー部村 1 地域力パー部村 1 地域力パー部村 1 地域力パー部村 1 地域力パー部村 1 地域力パー部村 2 していをYANCE COVER PART 2 地域力パー部村 2 していをYANCE COVER PART 2 地送力パー部村 2 していをYANCE COVER PART 2 地送力パー部村 2 していた SPRING 1 ロックパネ 1 脚プルパー 2 シの名 4532 0 していた SPRING 1 ロックパネ 1 地域力パー部 1 シの名 4538 1 STOPPER PLATE ストッパ板 コードカパー 2 シの名 4538 0 CONVEYANCE SUPPORT PLATE ストッパ板 コードカパー 2 シの名 4528 0 CONVEYANCE SUPPORT PLATE 地送支持板 2 地域支持板 2 地域支持板 2 地域力パー部組 高圧注意 ラペル 5 シの名 4557 0 CONVEYANCE COVER ASSY 搬送カバー部組 高圧注意 ラペル 5 シの名 4557 0 CONVEYANCE SUPPORT PLATE 1 地送支持板 1			
9 50GA 4508 0 LIFTING PLATE 持ち上げ板	D	1	
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11 26NA 4549 0	D	1	
12 50GA 4575 0 CONVEYANCE COVER PART 5 搬送カバー部材 5 13 50GA 4573 0 CONVEYANCE COVER PART 3 搬送カバー部材 3 15 50GA 4578 0 CONVEYANCE COVER PART 1 搬送カバー部材 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	С	2	
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21 50GA 4528 0 CONVEYANCE SUPPORT PLATE /2 搬送支持板/ 2 50GA -450 0 CONVEYANCE UNIT 搬送ユニット 20 50GA -452 0 CONVEYANCE COVER ASSY 搬送カバー部組 56UA 9792 0 HIGE VOLTAGE CAUTION LABEL 高圧注意ラベル 7一ス軸 1 26 50GA 4527 0 CONVEYANCE SUPPORT PLATE 1 搬送支持板 1	D	2	
22 50GA -450 0 CONVEYANCE UNIT 搬送ユニット 23 50GA -452 0 CONVEYANCE COVER ASSY 搬送カバー部組 24 56UA 9792 0 HIGE VOLTAGE CAUTION LABEL 高圧注意ラベル 25 50GA 4565 0 EARTH SHAFT 1 アース軸 1 26 50GA 4527 0 CONVEYANCE SUPPORT PLATE 1 搬送支持板 1	D	1	
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23 50GA -452 0 CONVEYANCE COVER ASSY 搬送カバー部組 24 56UA 9792 0 HIGE VOLTAGE CAUTION LABEL 高圧注意ラベル 25 50GA 4565 0 EARTH SHAFT 1 アース軸 1 26 50GA 4527 0 CONVEYANCE SUPPORT PLATE 1 搬送支持板 1	С	1	
24 56UA 9792 0 HIGE VOLTAGE CAUTION LABEL 高圧注意ラベル 25 50GA 4565 0 EARTH SHAFT 1 アース軸 1 搬送支持板 1	Ď	1	
25 50GA 4565 0 EARTH SHAFT 1 アース軸 1 26 50GA 4527 0 CONVEYANCE SUPPORT PLATE 1 搬送支持板 1	C	1 1	
26 50GA 4527 0 CONVEYANCE SUPPORT PLATE 1 搬送支持板 1	_		
	D		
27 50GA 4509 0 EARTH PLATE アース板	D D	1	
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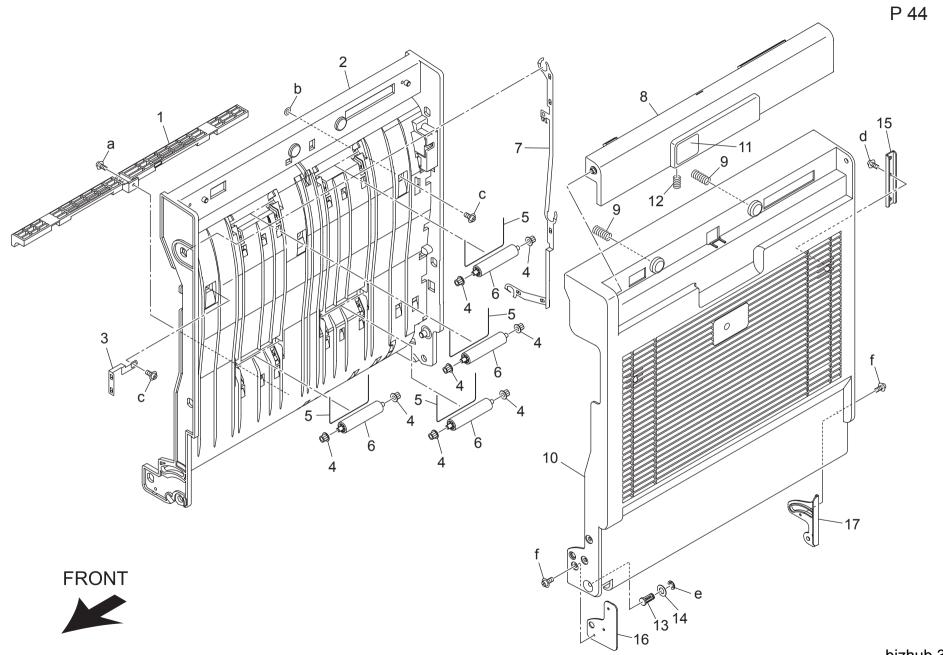
CASSETTE



Key	Part No.		Description	Destinations	Class	QTY	Standard pa
	28 3823 01	LEVER	レバー		С	1	a-4425 3002 0
4037	37 3204 01	KNOB	つまみ		С	1	b-V153 0308 0
4030	30 3217 01	SHAFT	シャフト		D	1	c-V217 0600 0 d-V232 3025 0
4498	98 3825 01	PRESSURE SPRING	圧縮コイルばね		С	1	e-V116 0308
4498	98 3826 01	SHAFT	シャフト		D	1	f-V137 0310 0
4658	8 3048 01	GUIDE	ガイド		С	2	a-V217 0300 (
	8 3049 01	STOPPER	ストッパ		C	2	ň-V153 0410
	30 3211 02	REGULATING PLATE	規制板		Č	1	i-V144 0406 0
	GA 4009 00	REGULATING PART /B	規制材/ B		D	1	
	GA 4008 00	REGULATING PART /A	規制材/A		D	1	
	30 3228 12	GUIDE	ガイド		C	1	1
	30 3201 09	Cassette	カセット		D		
	30 3201 03 30 3227 01	GUIDE	ガイド		C		
	37 3213 12	REGULATING PLATE	規制板(後)		C		
	98 3469 01	STOPPER	ストッパ		D	1	
	30 3203 01	LIFTING PLATE	押上板		C	<u> </u>	-
			押上版 摩擦板			1	
	OJ 6234 00	FRICTION PLATE			С	1 1	
	R5 A620 02	CASSETTE ASSY	カセットASSY		S	1	
	30 3212 01	REGULATING PLATE	規制板		C	1	
	2 7306 01	LABEL CARRYING CAPACITY	ラベル 積載量		C	1	
	30 3214 02	SHOULDER SCREW	段ねじ		С	1	
	30 3215 01	GUIDE	ガイド		D	1	
	8 3012 01	GEAR 14T	ギヤ 14T		С	1	
	30 3222 03	GUIDE	ガイド		С	1	
4030	30 3207 01	ACTUATOR	アクチュエータ		С	1	
4011	1 3021 01	WASHER	ワッシャ		С	2	
4011	1 3020 01	WASHER	ワッシャ		С	1	
3 4030	30 3223 03	Earth ground	アース		С	1	
1274	4 3603 01	BUSHING	ジクウケ		С	1	
	30 3226 01	FRICTION SHEET	摩擦板		C	1	
	30 3229 02	REINFORCE PLATE	補強板		D	1	
	30 3216 01	BRACKET	取付板		D	1	
	30 3218 01	BRACKET	取付板		D	1	
	30 3206 01	LEVER	レバー		D		
	30 3205 01	SHAFT	シャフト		D	1	
	92 3014 01	BUSHING	ジクウケ		C	1	
	02 3108 01	LEVER	レバー		C		
	30 6214 00		ストッパ		C		
		Stopper	ストッハ 板ナット				
	30 6215 00	Plate nut			C	1 1	
	R5 6221 00	Detecting Lever	検出レバー			1	4
	30 3224 02	SHOULDER SCREW	段ねじ		С	1	
	R5 6299 00	Seal	シール		C	1	
	2E 9412 00	Label Paper Supply	ラベル ペーパー補給		C	1	
	R5 1641 00	Cover	カバー		С	1	
	R5 1651 00	Cover /Right	カバー/右		С	1	4
	R5 9435 01	Label	ラベル	B,G2	C	1	
A0R	R5 9434 01	Label	ラベル	A,C	С	1	

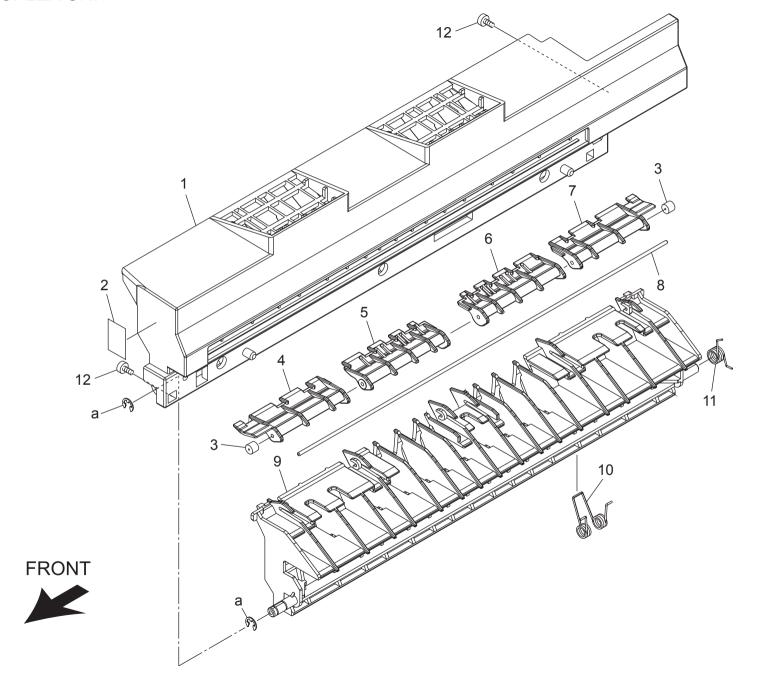


Key	Part No.		Description	Destinations	Class	QTY	Standard parts	
1	50GA 5031 0	ADU DRIVE MAIN BODY	A D U 駆動本体		D	1	a-9739 0308 14	
2	50GA 5012 0	ADU SUPPORT PLATE	ADU 支持板		D	1	b-4425 3001 01	
3	4030 3726 01	GEAR	ギヤ		С	1		
4	4030 3713 01	GEAR	ギヤ		C	1		
5	4030 3749 01	COLLAR	カラー		C	4		
6	50GA 5016 0	ADU DRIVE BELT UPPER 213L	ADU 駆動ベルト 上 213 L		C	1		
7	4030 3748 01	PULLEY	プーリ		Č	2		
8	A0R5 8137 00	Drive Cover	駆動カバー		Č	1		
9	50GA -519 0	DRIVE PLATE/1 CAULKING	駆動プレート/1 カシメ		č	1		
10	4030 3710 01	SHOULDER SCREW	段ねじ		č	1		
11	4030 37 10 01	TORSION SPRING	ねじりコイルばね		C	1	-	
12	50GA 5061 00	ROTATION SPACER	回転スペーサ		C			
13	50GA 5001 00 50GA -520 0	DRIVE PLATE 2CAULKING	駆動プレート/2カシメ		C			
			船割プレート/2カジメ					
14	4030 3725 01	GEAR			C	1		
15	4030 3734 01	EARTH GROUND	アース				_	
16	50GA 5058 00	INPUT GEAR /1	入力歯車/1		C	1		
17	50GA 5033 0	ADU DRIVE PLATE /2	ADU 駆動板/2		D	1		
18	4657 3714 01	ROLL	ころ		C	1		
19	4030 3744 01	PULLEY	プーリ		С	1		
20	50GA 5017 0	ADU DRIVE BELT LOWER 312L	ADU 駆動ベルト 下 312 L		С	1		
21	4030 3745 01	PULLEY	プーリ		С	1		
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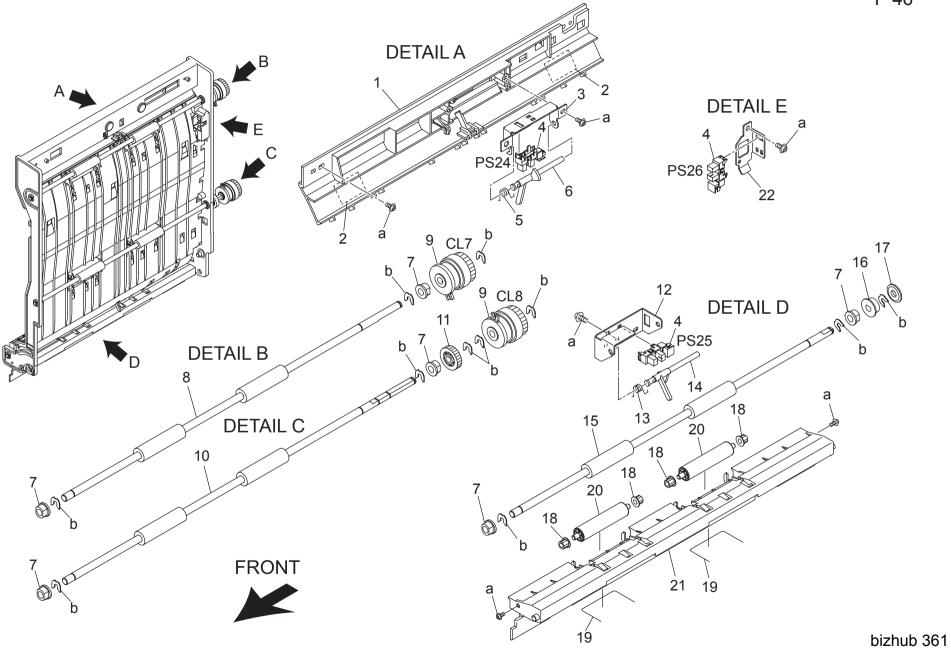


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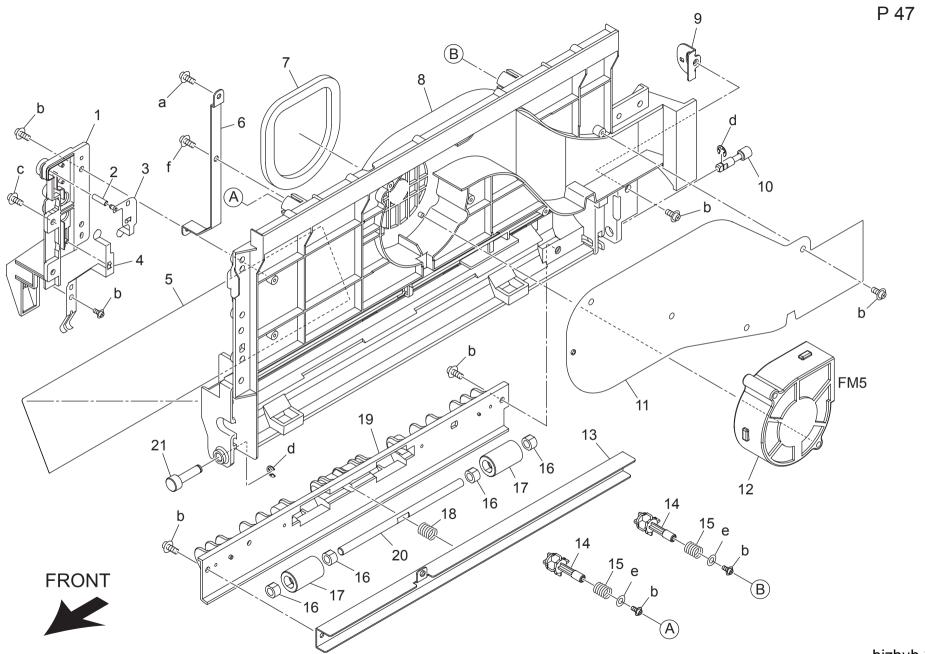
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Key	Part No.	De	scription	Destinations	Class	QTY	Standard parts
1	4030 3703 01	GUIDE	ガイド		D	1	a-9739 0308 14
2	A0R5 8129 00	Main body	本体		С	1	b-V211 0400 80
3	4030 3735 01	EARTH GROUND	アース		С	1	c-V126 0410 03
4	50GA 5001 0	SHAFT ROLLER PART	軸転がり部材		С	8	d-V151 0306 03 e-V217 0400 50 f-V118 0304 03
5	4497 3114 01	MEMBER	押え材		C	4	f-V/118 0304 03
6	4497 3116 01	ROLL	i i i i i i i i i i i i i i i i i i i		C	4	1-110 0304 03
7	50GA 5035 0	ADU EARTH PLATE 2	ADU アース板 2		Č	1	
			レバー			-	
8	A0R5 8251 00	Lever			С	1	
9	4030 3755 01	PRESSURE SPRING	圧縮コイルばね		С	2	
10	A0R5 8130 00	Cover	カバー		С	1	
11	A0R5 9421 01	Label	ラベル		С	1	
12	4661 3106 01	PRESSURE SPRING	圧縮コイルばね		С	1	
13	4661 3150 01	PIN	ピン		D	1	
14	4661 3155 01	WASHER	ワッシャ		D	1	
					D		
15	50GA 5057 0	REINFORCE PLATE /2	補強板 / 2			1	4
16	50GA 5055 0	REINFORCE PLATE /1	補強板/1		D	1	
17	50GA -521 0	DOOR HINGE	ドアヒンジ		С	1	
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1	A0R5 8136 00	Entrance Guide	入りロガイド		С	1	a-4425 3001 01
2	A0R5 9428 00	Label	ラベル		С	1	
3	1134 3041 01	COLLAR	カラー		D	2	
4	4030 3811 01	GUIDE	ガイド		D	1	
5	4030 3812 01	GUIDE	ガイド		D	i	
	4030 3812 01	GUIDE	ガイド				+
6	4030 3813 01	GUIDE	ガイト		D	1	
7	4030 3814 01	GUIDE	ガイド		D	1	
8	4030 3829 01	SHAFT	シャフト		D	1	
9	4030 3806 02	GUIDE	ガイド		D	1	
10	4030 3825 02	TORSION SPRING	ねじりコイルばね		С	1	
11	4030 3824 01	TORSION SPRING	ねじりコイルばね		C	1	
12	4011 5852 02	SHOULDER SCREW	段ねじ		Č	2	
12	4011 3032 02	SHOOLDER SCREW	FX1a C			2	
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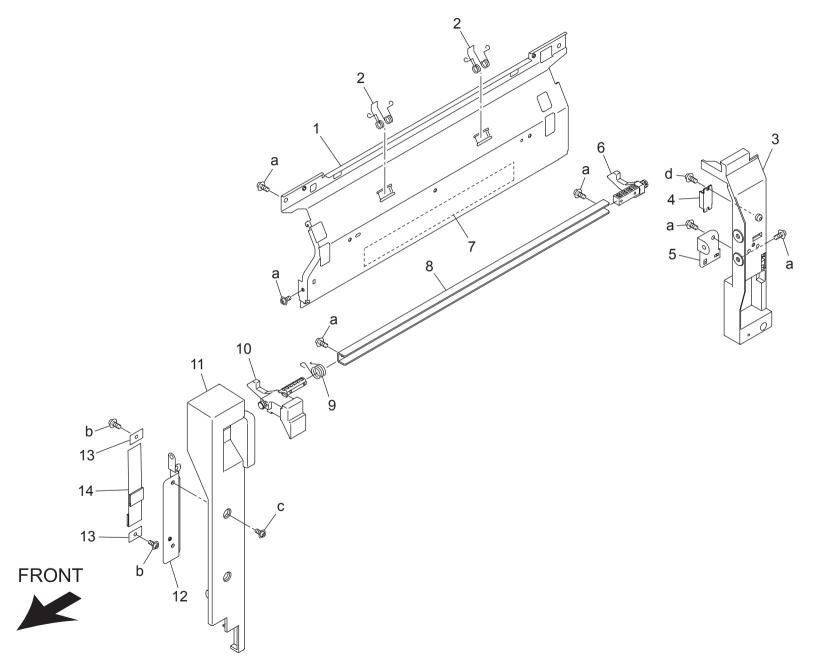


Key	Part No.		Description	Destinations	Class	QTY	Standard parts
		Code / Lange	•	Destinations		· ·	_
1	A0R5 8206 00	Guide /Upper	ガイド/上		С	1	a-9739 0308 14 b-4425 3001 01
2	4030 3760 01	GUIDE	ガイド		С	2	D-4423 3001 01
3	4030 3739 01	BRACKET	取付板		D	1	
4	9335 1300 61	PHOTO INTERRUPTER	フォトインタラプタ		В	3	
5	4030 3738 03	TORSION SPRING	ねじりコイルばね		С	1	
6	4030 3737 01	ACTUATOR	アクチュエータ		С	1	
7	0928 3033 01	BUSHING	シ゛クウケ		С	6	
8	4030 3707 01	ROLLER	ローラ		С	1	
9	50GA 8203 0	ADU CLUTCH	A D U クラッチ		C	2	
10	4030 3708 01	ROLLER	ローラ		Ċ	1	
11	4030 3743 02	GEAR	ギヤ		C	1	
2	4030 3742 01	BRACKET	取付板		Ď		
3	4030 3741 03	TORSION SPRING	ねじりコイルばね		C		
4	4030 3740 01	ACTUATOR	アクチュエータ		С	1	
5	4030 3709 01	ROLLER	ローラ		C	1	
6	4030 3750 01	PULLEY	プーリ		С	1	
7	4030 3749 01	COLLAR	カラー		С	1	
8	50GA 5001 0	SHAFT ROLLER PART	軸転がり部材		С	4	
9	4497 3114 01	MEMBER	押え材		С	2	
20	4497 3116 01	ROLL	ころ		С	2	
21	A0R5 8138 00	Paper exit Guide	排紙ガイド		C	1	1
	50GA 5041 0	FIXING PLATE	センサ固定板		D	1	
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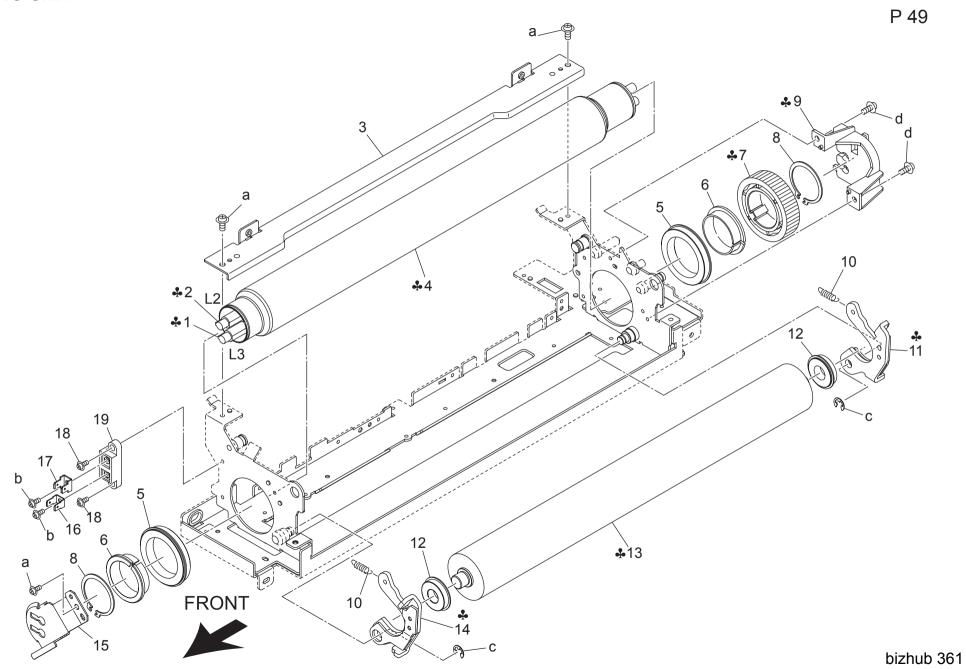


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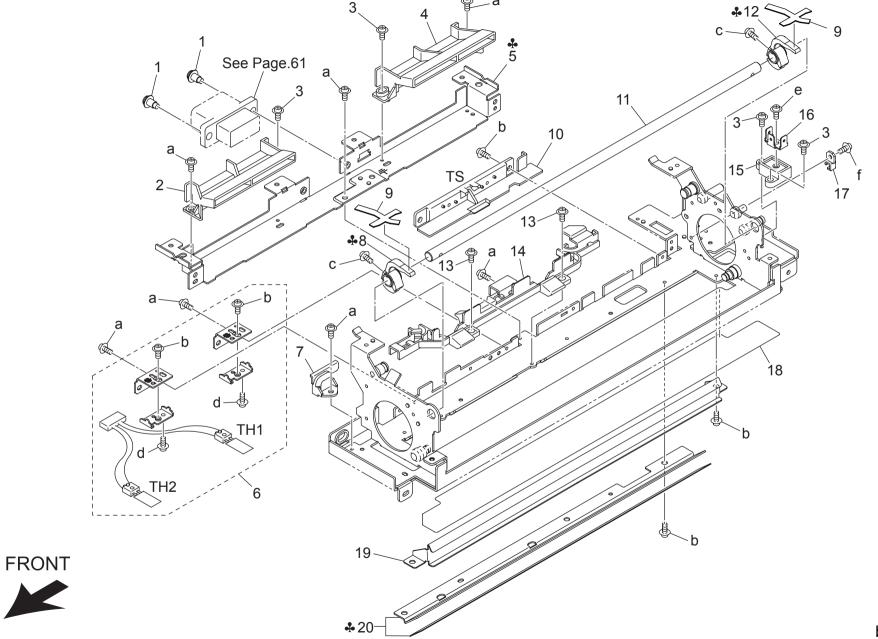
Kev	Part No.		Description	Destinations	Class	QTY	Standard parts
4	50GA 5053 0	HV CASING	高圧ケーシング	Destinations	C		a-V121 0306 03
2		HV POWER SUPPLY SPRING	高圧が一シング		C	1	h_9739 0308 14
	50GA 5047 0E						b-9739 0308 14 c-V151 0312 03 d-V217 0400 50
3	50GA -513 0	SHAFT SUPPORTING PLATE	軸支持板		С	1	d-V217 0400 50
4	50GA 5051 0	TRANSFER POWER SUPPLY PLATE	転写給電板		C	1	Le-V207 0400 03
5	50GA 5056 0E	Conveyance Guide Sheet	搬送ガイドシート		С	1	f-V123 0314 03
6	50GA 5049 0	CONVEYANCE CONNECTING PLATE	搬送連結板		D	1	
7	50GA 5010 0	DUCT CONNECTING PART	ダクト連結材		D	1	
8	A0R5 8102 00	Cover	カバー		С	1	
9	50GA 5048 0	DUCT SUPPLY PLATE	ダクト補給板		D	1	
0	50GA 5011 0	ADU CONNECTING SHAFT	ADU連結軸		D	1	
1	50GA 5003 0	DUCT COVER PLATE	ダクトカバー板		D	1	-
2	9313 1100 33	FAN MOTOR	ファンモータ		Č	1	
3	50GA 5007 0	CONVEYANCE SUPPORT PLATE	搬送支持板		D		
					_		
4	50GA 4570 0	CONVEYANCE PRESSING PART	搬送押圧部材		С	2	
5	50GA 4572 0	CONVEYANCE PRESSING SPRING	搬送押圧バネ		С	2	
6	25AA 7553 0	SLIDE SHAFT HOLDER	滑り軸受		С	4	
7	26NA 4256 0	BY PASS FEED DRIVEN ROLLER	手差し従動ローラ		С	2	
8	50GA 5040 0	PAPER FEED CONVEYANCE SPRING	給紙搬送バネ		С	1	
9	50GA 5006 0	ADU PAPER EXIT PLATE	ADU 排紙板		D	1	
0	50GA 5008 0	PAPER FEED IDLER SHAFT	給紙従動軸		D	1	
1	50GA 5043 0	ADU SUPPORT SHAFT	ADU支点軸		D	1	



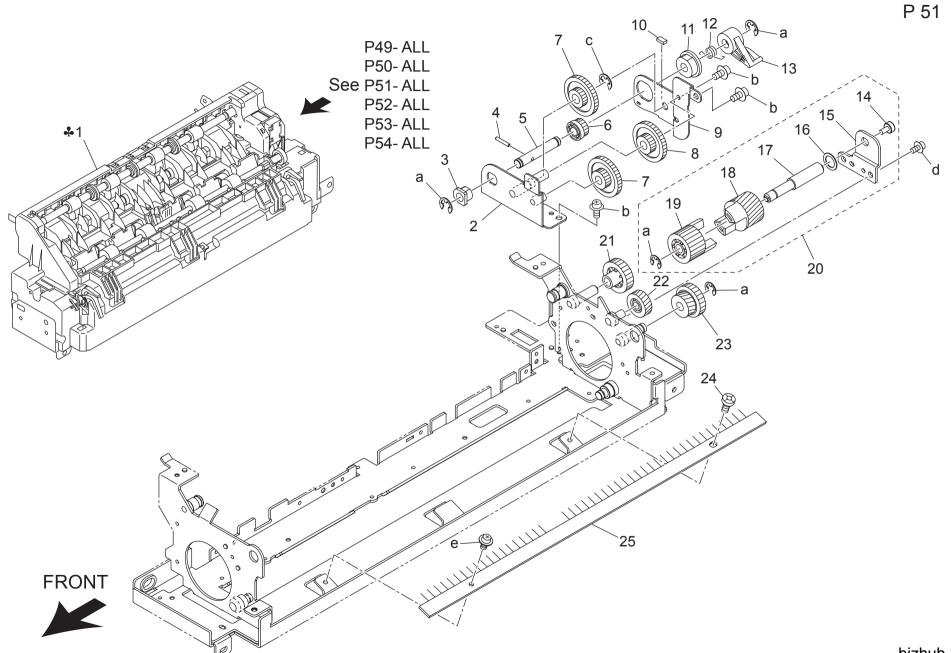
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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2 3 4 5 6 7 8 9 10 11 12 13	50GA 5028 0 50GA 5045 0 50GA 5004 1F 40AA 3229 0 50GA 5027 0 4030 2022 01 50GA 9746 0 4030 2023 01 50GA 5062 00 A0R5 8221 00 A0R5 8105 00 50GA 5009 0 50GA 5014 0	FIXING COVER PLATE FIXING PRESSING SPRING ADU DOOR /REAR MAGNET CATCH ADU EARTH PLATE 1 PAWL HIGH TEMP CAUTION LABEL BRACKET LOCK SPRING Lock Claw /Front Door /Front ADU REINFORCE PLATE BELT REINFORCE PLATE	定着カバー板 定着押圧バネ A D U 扉/奥 マグネットキャッチ A D U アース板 1 爪 高温注意ラベル 取付板 ロックばね ロックボ/前 扉/前 A D U 補強板 ベルト補強板		D C C C C C C D D D	1 2 1 1 1 1 1 1 1 1 1 1 1 1	a-9739 0308 14 b-9735 0306 14 c-V127 0306 03 d-9732 0308 14
14	50GA 5015 0	ADU OPEN CLOSE BELT	A D U 開閉ベルト		C	1	- - -
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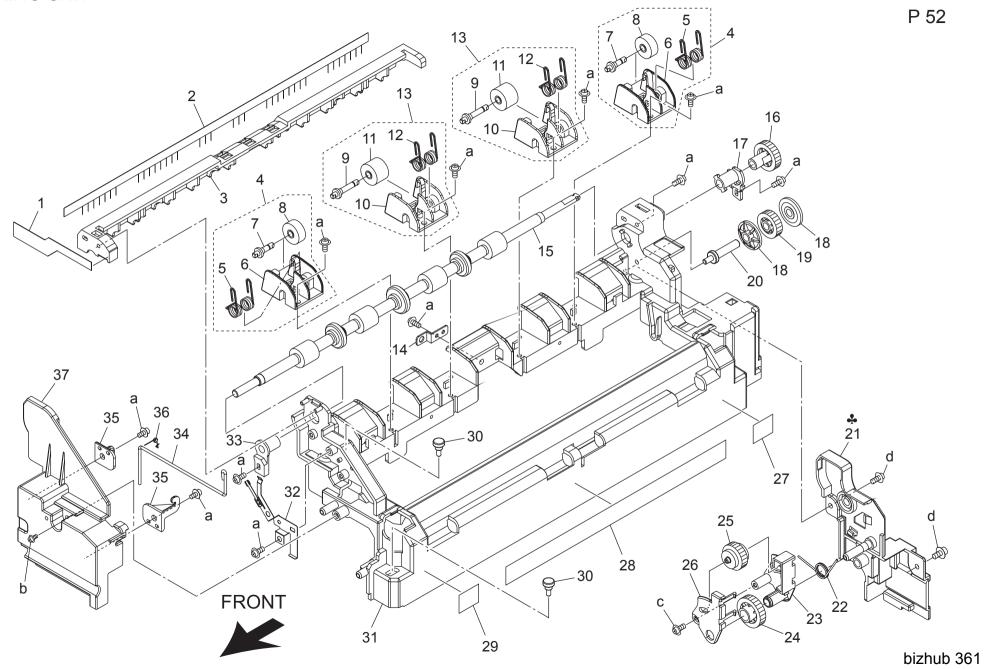
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	50GA M33A 00	FIXING HEATER /2	定着ヒータ/2	A	I	1	a-V121 0304 03
1	50GE 8303 1	FIXING HEATER 2	定着ヒータ 2	B,G2	1	1	b-V122 0306 03 c-V217 0400 50
1	50GF 8303 1	FIXING HEATER 2	定着ヒータ 2	С	1	1	c-V217 0400 50
2	50GA M32A 00	FIXING HEATER /1	定着ヒータ/1	A	ı	1	d-V123 0306 03
2	50GE 8302 1	FIXING HEATER 1	定着ヒータ 1	B,G2	1	1	
2	50GF 8302 1	FIXING HEATER 1	定着ヒータ 1	C	i	1	
3	50GA 5454 0	REINFORCE STAY	補強ステー	, and the second	Ď	1	
4	42GA 5303 0	FIXING ROLLER UPPER	定着ローラ/上	A	Ä	1	
4	50GA 5303 0	FIXING ROLLER UPPER	定着ローラ/上	B,C,G2	Â		
5	26NA 5371 2	BALL BEARING	定着 ローラ/ エ	B,O,G2	Â	2	
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6	26NA 5372 0	HEAT INSULATING SLEEVE A			A	2	
7	42GA 5406 0	FIXING GEAR 39T	定着歯車 39 T	A	В	1	
7	50GA 5406 0	FIXING GEAR 46T	定着歯車 46 T	B,C,G2	В	1	
8	26NA 5362 0	FIXING FIXED PART	定着固定部材		С	2	
9	42GA 5390 0	LAMP SUPPORT PART REAR	ランプ支持部材 奥	A	С	1	
0	50GA 5390 0	LAMP SUPPORT PART REAR	ランプ支持部材 奥	B,C,G2	С	1	
0	50GA 5360 0	PRESSURE SPRING	圧着バネ		С	2	
1	42GA 5308 0	PRESSING ARM /REAR	押圧アーム/奥	A	C	1	1
1	50GA 5308 0	PRESSING ARM /REAR	押圧アーム/奥	B,C,G2	Č	1	
12	50GA 5359 0	FIXING BEARING LOWER	定着一軸受/下	2,0,02	Ä	2	
13	42GA 5304 0	FIXING ROLLER LOWER	定着ローラ/下	A	A	1	
13	50GA 5304 0	FIXING ROLLER LOWER	定着ローラ/下	B,C,G2	Ä	1	
14	42GA 5307 0	PRESSING ARM /FRONT	押圧アーム/前	A	С	1	
14	50GA 5307 0	PRESSING ARM /FRONT	押圧アーム/前	B,C,G2	С		
15	50GA 5389 0	LAMP SUPPORT PART /FRONT	ランプ支持部材/前		D	1	
16	40AA 5347 0	TERMINAL PLATE 1	端子板 1		D	1	
17	26NA 5374 0	TERMINAL PLATE A	端子板 A		D	1	
18	26NA 5423 0	TERMINAL FIXING SCREW	端子固定ネジ		С	2	
19	26NA 5377 0	TERMINAL PEDESTAL A	端子台 A		D	1	
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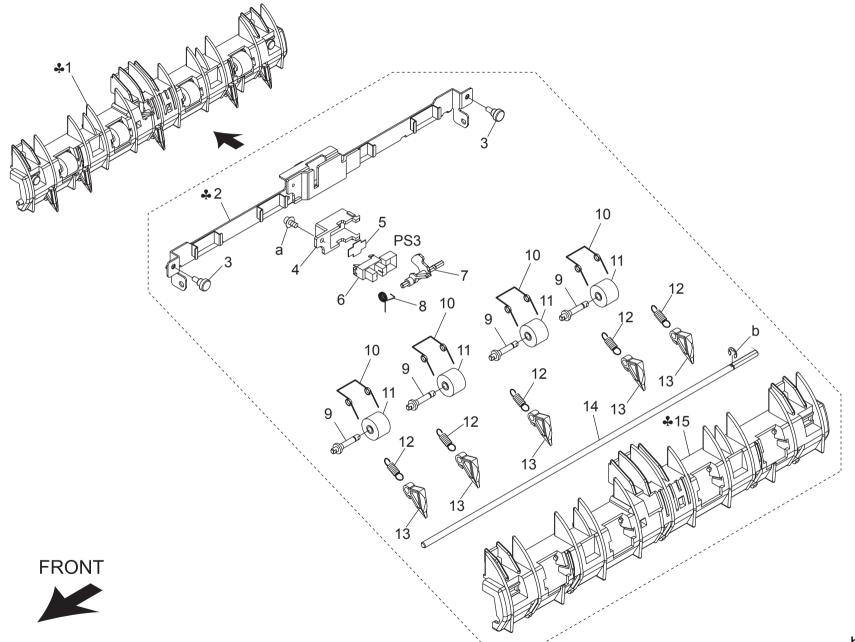
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	26NA 5403 0	MOUNT SCREW	取り付けネジ		С	2	a-V121 0304 03
2	50GA 5452 0	ROLLER COOLING DUCT FRONT	ローラ冷却ダクト 前		D	1	b-V123 0306 03
3	26NA 5423 0	TERMINAL FIXING SCREW	端子固定ネジ		С	4	c-V118 0406 03
4	50GA 5453 0	ROLLER COOLING DUCT REAR	ローラ冷却ダクト 奥		D	1	d-V123 0310 03 e-V122 0306 03
5	42GA 5450 0	CLEANER SUPPORT PART /2	クリーナー支持部材/2	A	D	1	e-V122 0306 03
5	50GA 5450 0	CLEANER SUPPORT PART /2	クリーナー支持部材/2	B,C,G2	D	1	f-V111 0304 03
				B,C,G2		1	
6	50GA -544 0	FIXING SENSOR ASSY	定着センサ部組		Α	1	
7	50GA 5494 0	COVER PART	カバー部材		С	1	
8	42GA 5451 0	RELEASE LEVER FRONT	解除レバー 前	A	С	1	
8	50GA 5451 0	RELEASE LEVER FRONT	解除レバー	B,C,G2	С	1	
9	50GA 5464 0E	Lever Insulating Part	レバー断熱部材	, , , ,	D	2	
10	SP00 -011 2	FUSE MOUNTING PLATE ASSY 26NA 535	ヒューズ部組		Ā	1	
						1 1	
11	50GA 5442 0	FIXING PRESSING STOPPER	定着押圧ストッパ		D	1	
12	42GA 5474 0	RELEASE LEVER REAR	解除レバー 奥	A	С	1	
12	50GA 5474 0	RELEASE LEVER REAR	解除レバー 奥	B,C,G2	С	1	
13	40LA 5443 0	TERMINAL FIXING SCREW 2	端子固定ネジ 2		С	2	1
14	50GA 5405 0	WIRING GUIDE PART B	東線ガイド部材 B		D	1	
15	50GA 5403 0 50GA 5378 0	TERMINAL PEDESTAL B	端子台 B		C	1	
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16	26NA 5428 0	TERMINAL PLATE	端子板		D	1	
17	26NA 5321 1	WIRING GUIDE PART A	束線ガイド部材 A		D	1	
18	50GA 5336 0	FIXING INSULATING SHEET C	定着断熱シート/ C		D	1	
19	50GA 5365 1E	FIXING ENTRANCE PLATE	定着進入板		D	1	
20	42GA -548 0	FIXING ENTRANCE PLATE 2 ASSY	定着進入板/2部組	A	Č	1	
20	50GA -548 0	FIXING ENTRANCE PLATE 2 ASSY	定着進入板/2部組	B,C,G2	C	1	
20	50GA -546 U	FIXING ENTRANCE PLATE 2 ASST	足有進入似/ 2 部組	B,C,G2	C	'	
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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	42GA -530 0	FIXING UNIT	定着ユニット	A	1	1	a-V217 0400 50
i	42GE -530 0	FIXING UNIT	定着ユニット	B,G2	1 i	1	b-V121 0304 03
1	42GF -530 0	FIXING UNIT	定着ユニット	C	1 i	1	c-V217 0500 50
2	50GA -543 0	AUXILIARY PART CAULKING	補助部材カシメ	C	D		d-V123 0306 03
3	1921 4171 0	PAPER LIFT UP LEVER BUSHING	ペーパー押し上げレバー軸受		В	1	e-V123 0306 03
4	4660 7801 0	PIN A D2X10	ピン A D 2 X 1 0		В	1	
					D		
	50GA 5330 0D	Cleaner Idling Shaft /A	クリーナーアイドラー軸/ A			1	
6	26NA 5346 0	CLEANER GEAR A 18T	クリーナーギア A 18 T		С	1	
	26NA 5429 0	FIXING DRIVING GEAR D 18T 44T	定着駆動歯車 D 18 T 44 T		В	2	
8	50GA 5429 0	FIXING DRIVE GEAR D 44T 14T	定着駆動歯車 D 44 T 14 T		В	1	
9	50GA 5417 0	AUXILIARY PART	補助部材		D	1	
	26NA 5424 0	LEVER STOPPER PART	レバーストッパ部材		D	1	
11	26NA 5384 0	FIXING CLEANER SHAFT HOLDER C	定着清掃軸受 C		С	1	
	26NA 5329 0	LEVER SPRING	レバーバネ		C	1	
	50GA 5404 0	FIXING CLEANING LEVER	定着清掃レバー		С	1	
14	50GA 5485 0	GEAR REGULATING SHAFT	ギア規制軸		D	1	
	50GA 5484 0	MOUNTING PLATE	取り付け板		D	1	
16	50GA 7296 00	FUSING SPACER	定着スペーサ		С	1	
17	50GA 5483 0D	Idling Shaft /D	アイドラー軸/ D		D	1	
18	50GA 5493 1E	FIXING INPUT GEAR 19T	定着入力ギア 19 T		В	1	
19	50GA 5473 1E	FIXING INPUT GEAR /2 19T	定着入力ギア/2 19 T		В	1	1
20	50GA -546 1	FIXING INPUT GEAR ASSY	定着入力ギア部組		Α	1	
21	4040 5758 01	GEAR /20T	ギヤ/20 T		С	1	
	50GA 5470 0	FIXING IDLING GEAR B 15T	定着アイドラーギア B 15 T		В	1	
23	50GA 5469 0	FIXING IDLING GEAR A 14T 20T	定着アイドラーギア A 14 T 20 T		В	1	
24	26NA 5419 0	FIXING GUIDE SCREW	定着ガイドネジ		С	1	
25	26NA 5414 0	NEUTRALIZING BRUSH	除電ブラシ		C	1	
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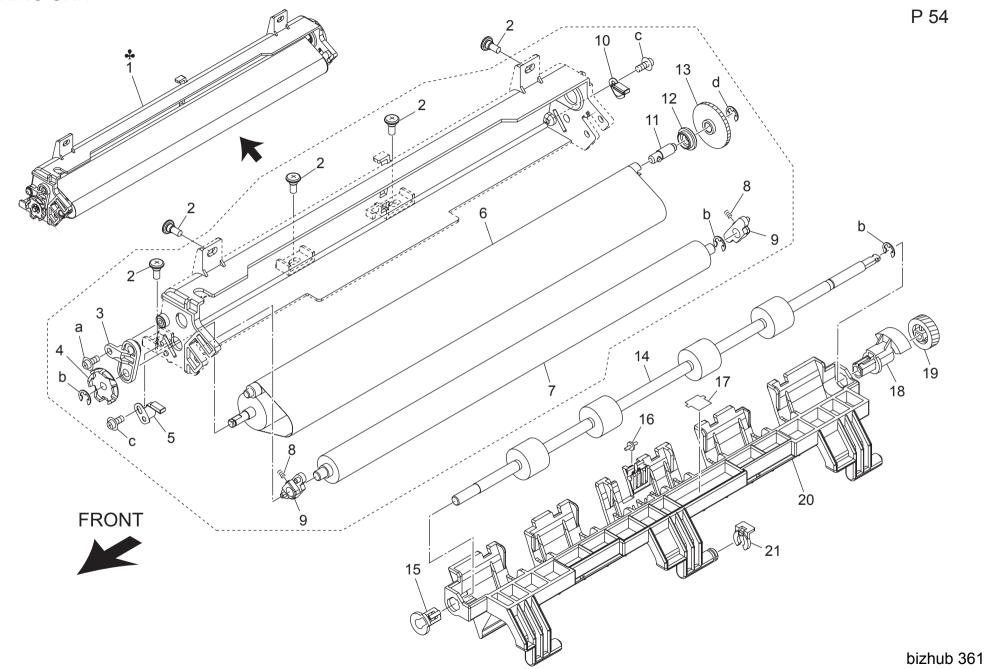


ey	Part No.		Description	Destinations	Class	QTY	Standard par
	4030 5847 01	NETURALIZING MEMBER	除電部材		С	1	a-V151 0308 03
2	4030 5823 01	NEUTRALIZING BRUSH	除電ブラシ		С	1	b-V123 0308 03
3	4030 5839 03	HOLDER	ホルダ		D	1	c-9739 0308 14 d-V151 0308 04
ļ.	4040 R707 00	EXIT ROLL HOLDER 2 ASSY	排紙コロホルダ2 Assy		Α	2	u-v 151 0306 04
5	4030 5858 01	TORSION SPRING	ねじりコイルばね		С	2	
3	4030 5855 01	HOLDER	ホルダ		D	2	
	4030 5857 01	SHAFT	シャフト		D	2	
	4030 5854 01	ROLL	ころ		С	2	
	4030 5856 01	SHAFT	シャフト		D	2	
	4030 5843 02	HOLDER	ホルダ		D	2	
	4030 5805 03	ROLL	ころ		C	2	1
	4030 5806 01	TORSION SPRING	ねじりコイルばね		č	2	
	4040 R706 00	EXIT ROLL HOLDER 1 ASSY	排紙コロホルダ1 Assy		Ä	2	
	4030 5848 01	POSITIONING PLATE	位置決め板		D	1	
	4030 5802 01	ROLLER	ローラ		C		
	4030 5802 01	GEAR 21T	ドヤ 21 T		C	1	+
		BUSHING	キャン・コート 軸受		C	1	
	4030 5840 02		1000		C		1
	4030 5844 02	COLLAR	カラー			2	
	4030 5836 01	GEAR 19T	ギヤ 19 T		С	1	
	4030 5845 02	SHOULDER SCREW	段ねじ		D	1	4
	42GA 5482 0	FIXING COVER REAR	定着カバー 奥	A	С	1	
	50GA 5482 0	FIXING COVER REAR	定着カバー 奥	B,C,G2	С	1	1
	4030 5821 02	TORSION SPRING	ねじりコイルばね		С	1	1
	4030 5820 03	HOLDER	ホルダ		D	1	
	4030 5816 01	GEAR 19T	ギヤ 19 T		С	1	
	4030 5817 02	GEAR 19T	ギヤ 19 T		С	1	
	4030 5822 03	HOLDER	ホルダ		D	1	
	50GA 9748 0E	Lever Indicating Label /Rear	レバー表示ラベル/奥		С	1	
;	50GA 9746 0	HIGH TEMP CAUTION LABEL	高温注意ラベル		С	1	
	50GA 9747 0E	Lever Indicating Label /Front	レバー表示ラベル/前		С	1	
	4030 5827 01	SHOULDER SCREW	段ねじ		С	2	
	50GA 5487 0	FIXING CASING	定着ケーシング		D	1	
	50GA 5492 0	EARTH PLATE	アース板		С	1	
	4030 5842 01	BUSHING	軸受		C	1	
	50GA 5461 1	CLEANER LOCK SHAFT	クリーナーロック軸		D	1	
	50GA 5462 0	SHAFT SUPPORT PART	軸支持部材		C	2	1
	50GA 5463 0	CLEANER LOCK SPRING	クリーナーロックバネ		Č	1	
	50GA 5481 0	FIXING COVER FRONT	定着カバー 前		Č	1	
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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	42GA -533 0	FIXING CLAW ASSY	定着爪部組	A	A	1	a-V151 0308 03 b-V217 0300 50
1	50GA -533 0	FIXING CLAW ASSY	定着爪部組	B,C,G2	Α	1	b-V217 0300 50
2	42GA 5498 0	SEPARATION SUPPORT PART	分離支持部材	A	D	1	
2	4030 5750 03	BRACKET	取付板	B,C,G2	D	1	
3	4030 5827 01	SHOULDER SCREW	段ねじ	5,5,52	Č	2	
4	4030 5808 02	HOLDER	ホルダ		D	1	
5	4470 4024 01	STOPPER	ストッパ		D		
6	9335 1300 61	PHOTO INTERRUPTER	フォトインタラプタ		В	1	
7	4030 5809 02	ACTUATOR	アクチュエータ		С	1	
8	4030 5810 02	TORSION SPRING	ねじりコイルばね		С	1	
9	4030 5856 01	SHAFT	シャフト		D	4	
10	50GA 5495 0	ROLLER PRESSING SPRING	ローラ押圧バネ		С	4	
11	4030 5805 03	ROLL	ころ		С	4	
12	4030 5717 01	TENSION SPRING	引張コイルばね		Č	5	
	50GA 7227 00	FIXING CLAW	定着		Č	5	
13	50GA 7227 00					_	
	4030 5753 01	SHAFT	シャフト		D	1	
15	42GA 5486 0E	Conveyance Guide Part /Left	搬送ガイド部材/左	A	D	1	
15	50GA 5486 0E	CONVEYANCE GUIDE PART /LEFT	搬送ガイド部材/左	B,C,G2	D	1	
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FIXING UNIT



1 1/							Page. 54
Key	Part No.	De	scription	Destinations	Class	QTY	Standard parts
1	42GA -540 0	FIXING CLEANER ASSY	定着クリーナー部組	A	А	1	a-V121 0306 03
1	50GA -540 0	FIXING CLEANER ASSY	定着クリーナー部組	B,C,G2	Α	1	b-V217 0400 50
2	27LA 5419 0	FIXING GUIDE SCREW	定着ガイドネジ		С	5	c-V151 0306 03
3	50GA 5351 0	FIXING CLEANING BUSHING	定着清掃軸受		С	1	d-V217 0300 50
4	50GA 5460 0	CLEANER LOCK GEAR	クリーナーロックギア		С	1	
5	40LA R707 00	REGULATING PLATE FRONT ASSY	規制板/前 部組		С	1	
6	50GA 5343 0	WEB	ウェッブ		С	1	
7	27LA 5383 0	FIXING CLEANER ROLLER	定着清掃ローラ		В	1	
8	26NA 5361 0	CLEANER PRESSURE SPRING	クリーナー押圧バネ		В	2	
9	26NA 5349 0	FIXING CLEANER SHAFT HOLDER A	定着清掃軸受 A		С	2	
10	40LA R708 00	REGULATING PLATE REAR ASSY	規制板/奥 部組		С	1	
11	50GA -556 0	CLEANER DRIVING SHAFT ASSY	クリーナー駆動軸部組		D	1	
12	26NA 5430 0	FIXING CLEANER SHAFT HOLDER A	定着清掃軸受 A		С	1	
13	50GA 5347 0	CLEANER GEAR B 34T	クリーナーギア B 34 T		В	1	
14	4030 5803 01	ROLLER	ローラ		С	1	
15	4030 5811 01	BUSHING	軸受		C	1	
16	4030 5841 01	ROLL	ころ		C	1	
17	50GA 5472 1	PROTECTION PART	保護部材		D	1	
18	4030 5834 02	BUSHING	軸受		c	1	
19	50GA 5471 0	PAPER EXIT GEAR 18T	排紙ギア 18 T		В	1	
20	50GA 5488 0	CONVEYANCE GUIDE PART RIGHT	搬送ガイド部材 右		C	1	
21	1164 3065 01	STOPPER RING	トメリング		D	1	
-	1104 0000 01	OTOTT ERTAINS	1 7 7 2 7				
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	Dort No		Description	Destinations	Class	QTY	Standard parts
Key	Part No.		Description	Destinations	Class		
1	4011 3012 01	HOLDER	ホルダ		D	2	a-V116 0330 03 b-V137 0306 03 c-V136 0408 03
2	4030 3091 01	LEVER	レバー		С	2	D-V137 0306 03
3	4037 0104 01	PWB ASSY	基板 ASSY		С	2	C-V 130 0408 03
4	4030 3047 02	HOLDER	ホルダ		D	2	
5	4002 3131 01	SHOULDER SCREW	段ねじ		С	2	
6	4002 3110 01	PRESSURE SPRING	圧縮コイルばね		C	2	1
7	4037 0906 01	PHOTO INTERRUPTER	フォトインタラプター		В	8	
8	9J06 M103 00	MOTOR	マグネットモータ		В	2	
9	4030 3208 02	BRACKET	取付板		D	2	
40	4030 3206 02	PRESSURE SPRING			C	4	
	4030 3081 01	PRESSURE SPRING	圧縮コイルばね				
11	4030 3224 02	SHOULDER SCREW	段ねじ		С	4	
12	4030 3083 01	HOLDER	ホルダ		D	2	
	4030 3048 02	BRACKET	取付板		D	2	
14	4030 3049 01	BRACKET	取付板		D	2	
15	50GA 6271 01	LIFTING STAY	押上げステー		С	2	
16	4030 3046 03	BRACKET	取付板		D	2	
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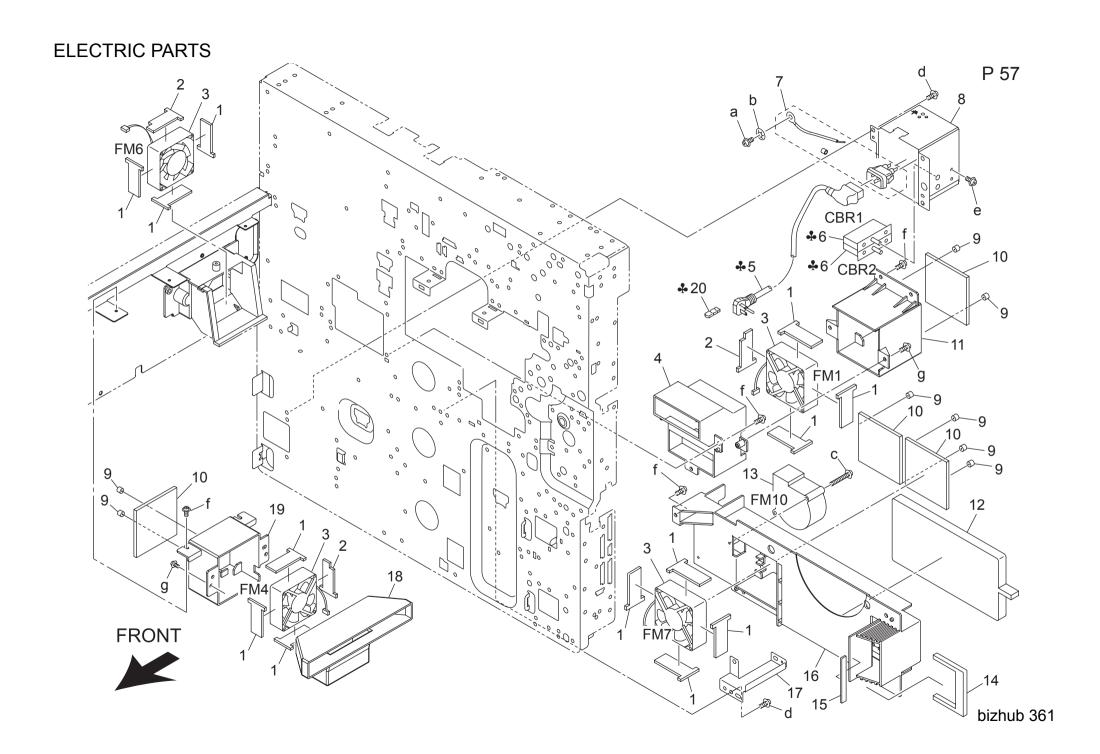
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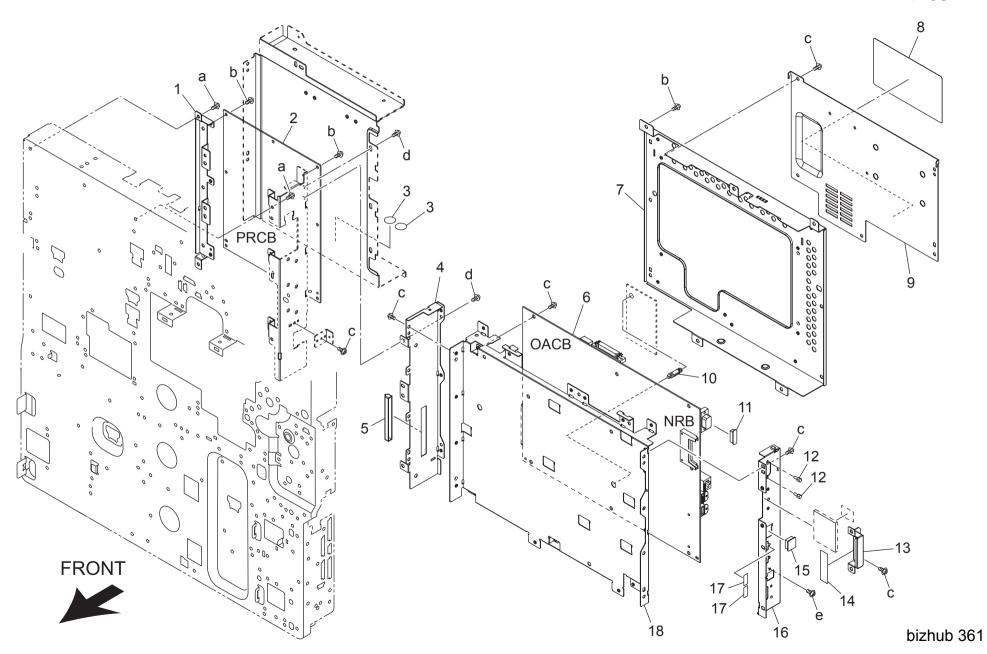
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Key	Part No.	D	escription	Destinations	Class	QTY	Standard parts
1	50GA 8451 0	DC POWER SOURCE 1	DC 電源/1	A,B,G2	I	1	a-V121 0306 03 b-V151 0308 03 c-V144 0306 03
1	50GF 8451 1	DC POWER SOURCE 1	DC 電源/1	C	1	1	b-V151 0308 03
2	50GA 8401 0	HIGH VOLTAGE POWER SOURCE	高圧 電源		1	1	C-V144 0306 03
3	50GA 7341 0	HV MOUNTING PEDESTAL	高圧取付台		D	1	d-V137 0306 03 e-V233 3018 50
4	50GA 7347 0	WIRING GUIDE PART 1	束線ガイド部材 1		D	1	6-7233 30 10 30
5	50GA 7348 1	WIRING GUIDE PART 2	束線ガイド部材 2		С	1	
6	50GA 7349 1	CONTACT PLATE A	接点板 A		Ċ	1	
7	50GA 7376 1	HV COVER PART	高圧カバー材		Č	1	
8	65AA 1130 0	SUPPORT PART	センサ支持部材		Ď	l i	
9	27LA 8803 1	PROCESS SENSOR	プロセス センサ		В	1	
10	50GA 7343 0	WIRING MOUNTING PLATE	東線取り付け板		D	1	-
11	50GA 7343 0 50GA 7359 0	CORD COVER	コードカバー		D		
		DOOR SWITCH	コートカハー ドアースイッチ		В		
12	40AA 8501 1				_	•	
	50GA 7350 0	SWITCH GUIDE PLATE A	スイッチ案内板 A		D	1	
14	50GA 7351 0	SWITCH MOUNTING PLATE	スイッチ取り付け板		D	1	
15	50GA 7380 0	COVER PLATE	カバー板		D	1	
16	50GA -751 0	HIGH VOLTAGE CONNECTING PLATE S ASS	高圧連結板 S 部組		D	1	
		Υ			_	_	
17	26NA 7325 1	ELECTRODE CONNECTING SPRING A	電極連結バネ A		В	2	
18	26NA R712 00	HIGH VOLTAGE CONNECTING PLATE B ASS	高圧連結板/ B 部組		D	1	
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19	50GA 7342 0	CONTACT PEDESTAL 1	接点台 1		D	1	
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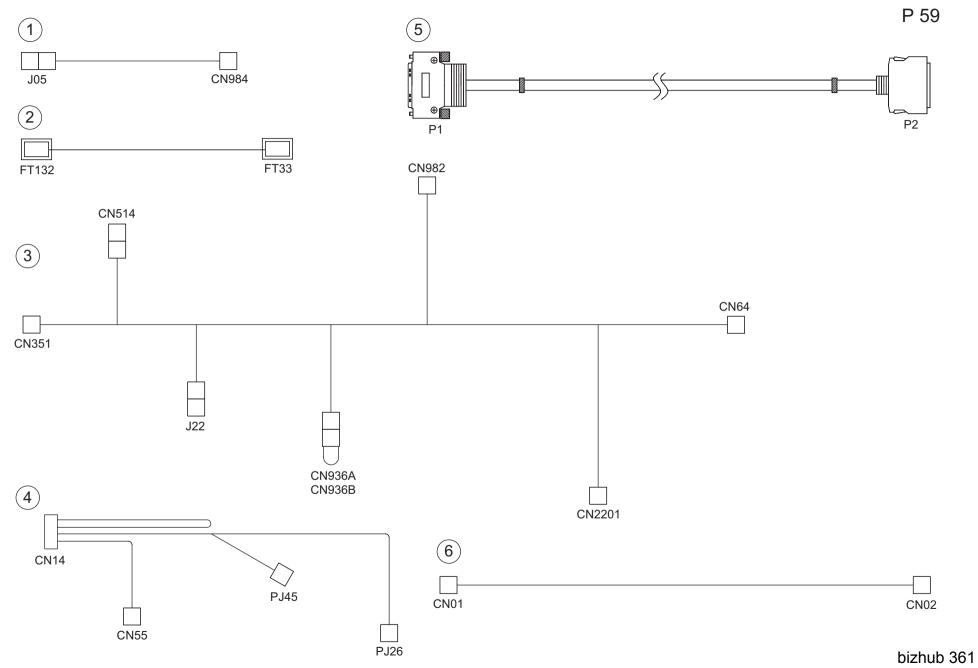


Key	Part No.		Description	Destinations	Class	QTY	Page. 57
		DUCT PROOFEE AL F		Destinations			•
1	26NA 7373 2	DUST PROOFSEAL 5	防塵シール/5		C	13	a-V118 0406 21 b-V208 0400 50
	27LA 7391 0	Dustproof Seal	防塵シール		С	3	L c-\/151 0335 03
	27LA 8051 1	MAIN BODY FAN MOTOR	本体 ファンモータ		В	4	d-V137 0306 03
4	50GA 7338 1	POWER SOURCE COOLING DUCT/2	電源冷却ダクト/2		D	1	e-V123 0306 03
5	4040 0780 01	POWER CORD	電源コード	A	С	1	d-V137 0306 03 e-V123 0306 03 f-V121 0306 03
5	9381 4101 31	POWER CORD	プラグ付電源コード	B,G2	С	1	g-V151 0308 03
6	26NA 8846 1	CIRCUIT BLACKER	サーキットフ゛レーカー	A,B,G2	В	2	-
6	6852 8604 0	BLACKER	ブレーカー	l c	D	2	
7	26NA R701 00	POWER SOCKET ASSY	電源ソケット部組		D	1	
	50GA 7344 0	CORD MOUNTING PLATE	コード取り付け板		D	1	
9	4658 3047 01	COLLAR	カラー		C	8	-
		DUST PROOF FILTER				4	
	50GA 7391 0		防塵フィルター		С		
11	50GA 7337 1	POWER SOURCE COOLING DUCT/1	電源冷却ダクト/1		D	1	
12	50GA 1031 0	OZONE FILTER	オゾン フィルタ		A	1	
13	50GA 8052 0	SYSTEM COOLING FAN	システム冷却ファン		С	1	
	4030 3523 02	CUSHION	クッション		С	1	
	4030 3524 01	CUSHION	クッション		С	1	
16	50GA 7346 0E	FAN MOUNTING BOARD /REAR	ファン取り付け基板/奥		D	1	
	50GA 7355 0	DUCT MOUNTING PLATE	ダクト取り付け板		D	1	
18	50GA 7379 0E	DRUM COOLING DUCT /2	ドラム冷却ダクト/2		D	1 1	
19	50GA 7379 0L 50GA 7339 0	DRUM COOLING DUCT/1	ドラム冷却ダクト/ 1		D	1	=
20	V590 0400 02	Terminal Cap	アース端子キャップ	A	D		
20	V 390 0400 02	Terminal Cap	/ 一人端子 キャック	^		'	
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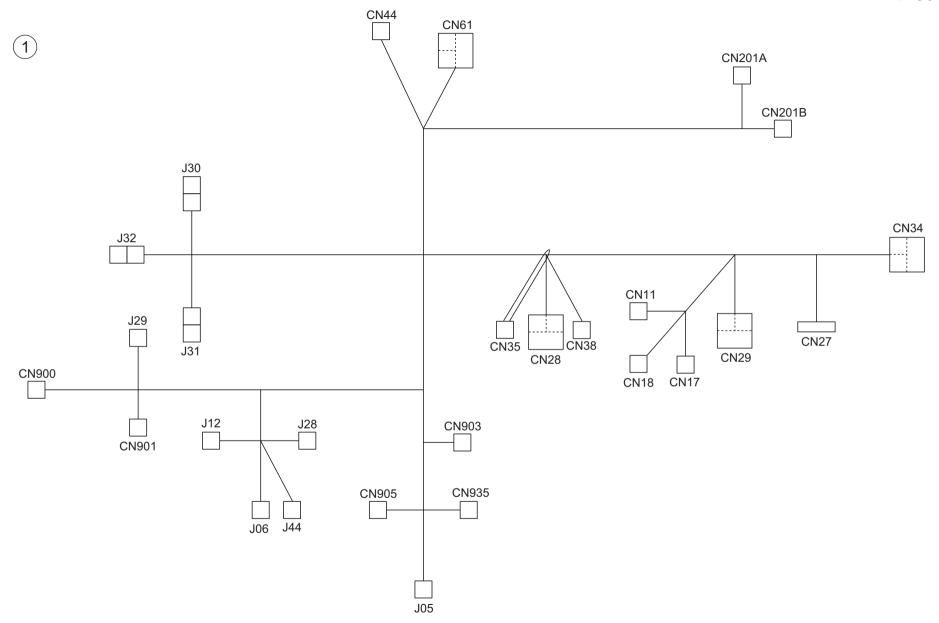


Name	Destinations	Class D I D D D D C D D C D C D C C D C C C D C	QTY 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Standard parts a-V137 0306 03 b-V121 0306 03 c-V121 0304 03 d-V127 0306 03 e-V111 0306 21
2 50GA -902 0E MAIN CONTROL BOARD UNIT 本体制御基板ユニット 3 5850 9705 0 LABEL SCREW COVER ネジカバーラベル 基板カバー板/ C 50GA 1360 00 Protection Cover /A 保護カバー/ A 6 A0R5 H010 06 CONTROL BOARD ASSY 制御基板 A S S Y 7 A0R5 1356 00 Board Cover Plate /A 基板カバー板/ A 8 40LA 9736 1 CORD CAUTION LABEL コード注意ラベル 基板カバー板/ E 4 00 V502 0100 54 mini double board post ダブルミニキバンポスト 11 13RN 7312 0 TERMINAL PROTECTION COVER 1 接点固定ネジ A 13 A0R5 1361 00 Cover A 13 A0R5 1362 00 Cushion クッション 4 0LA 7384 0 CONTACT PROTECTION COVER 接点 保護カバー 16 A0R5 1357 00 Board Cover /B 0 CONTACT PROTECTION SEAL 接点 機能 サール 17 と 27LA 7399 0 CONTACT PROTECTION SEAL 接点 機能 サール 17 とかけ 18 は 18 は 18 は 18 は 18 は 18 は 18 は 18			1 2 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1	a-V137 0306 03 b-V121 0306 03 c-V121 0304 03 d-V127 0306 03 e-V111 0306 21
3 5850 9705 0 LABEL SCREW COVER ネジカバーラベル 50GA 7377 0 BOARD COVER PLATE/C 基板カバー板/ C 5 50GA 1360 00 Protection Cover /A 保護カバー A 開墾基板 A S S Y A A OR5 1356 00 Board Cover Plate /A 基板カバー板/ E 基板カバー E A OR5 1361 00 Cover カバー クッション E 基板 E A OR5 1362 00 Cushion クッション E 基板 E A OR5 1357 00 Board Cover /B E A OR5 1357 00 Board Cover /B E A OR5 1357 00 B ORA COVER E E A E E A D X E E E E E E E E E E E E E E E E E E			2 1 1 1 1 1 1 1 1 2 1 1	b-V121 0306 03 c-V121 0304 03 d-V127 0306 03 e-V111 0306 21
4 50GA 7377 0 BOARD COVER PLATE/C 基板カバー板/ C 50GA 1360 00 Protection Cover /A 保護カバー人 A 制御基板 A S S Y A A0R5 1356 00 Board Cover Plate /A 基板カバー板/ A 3 40LA 9736 1 CORD CAUTION LABEL 基板カバー板/ E 4 40LA 9736 1 Board Cover Plate /E 基板カバー板/ E 4 40LA 9736 1 Board Cover Plate /E 基板カバー板/ E 4 40LA 9736 1 Board Cover Plate /E 基板カバー板/ E 5 7 0 CONTACT FIXING SCREW A 接点固定ネジ A 13 A0R5 1361 00 Cover カバー 4 A0R5 1362 00 Cushion クッション はA0R5 1357 00 Board Cover /B 4 40LA 7384 0 CONTACT PROTECTION COVER 基板カバー 接点関連カバー			1 1 1 1 1 1 1 2 1 1	d-V127 0306 03 e-V111 0306 21
5 50GA 1360 00 Protection Cover /A 保護カバー/ A 6 A0R5 H010 06 CONTROL BOARD ASSY 制御基板 A S S Y 7 A0R5 1356 00 Board Cover Plate /A 基板カバー板/ A 8 40LA 9736 1 CORD CAUTION LABEL コード注意ラベル 9 A0R5 1374 00 Board Cover Plate /E 基板カバー板/ E 10 V502 0100 54 mini double board post ダブルミニキバンポスト 11 13RN 7312 0 TERMINAL PROTECTION COVER 1 端子保護カバー 12 26NA 7357 0 CONTACT FIXING SCREW A 接点固定ネジ A 13 A0R5 1361 00 Cover カバー 14 A0R5 1362 00 Cushion クッション 15 40LA 7384 0 CONTACT PROTECTION COVER 基板 16 A0R5 1357 00 Board Cover /B 基板 17 27LA 7399 0 CONTACT PROTECTION SEAL 接点保護カバー			1 1 1 1 1 1 1 2 1 1	e-V111 0306 21
6 A0R5 H010 06 CONTROL BOARD ASSY 制御基板 A S S Y A0R5 1356 00 Board Cover Plate /A 基板カバー板/ A コード注意ラベル タ A0R5 1374 00 Board Cover Plate /E 基板カバー板/ E W が 1 13RN 7312 0 TERMINAL PROTECTION COVER 1 接点固定ネジ A 13 A0R5 1361 00 Cover			1 1 1 1 1 1 2 1 1 1	
7 A0R5 1356 00 Board Cover Plate /A 基板カバー板/ A 9736 1 CORD CAUTION LABEL コード注意ラベル 基板カバー板/ E 基板カバー板/ E 基板カバー板/ E 10 V502 0100 54 mini double board post ダブルミニキバンポスト 11 13RN 7312 0 TERMINAL PROTECTION COVER 1 端子保護カバー 26NA 7357 0 CONTACT FIXING SCREW A 接点固定ネジ A 13 A0R5 1361 00 Cover カバー 4 A0R5 1362 00 Cushion クッション 40LA 7384 0 CONTACT PROTECTION COVER 接点保護カバー 16 A0R5 1357 00 Board Cover /B 27LA 7399 0 CONTACT PROTECTION SEAL 接点保護シール		D D D C D D C D C C D C C	1 1 1 1 2 1 1 1	
7 A0R5 1356 00 Board Cover Plate /A 基板カバー板/ A 8 40LA 9736 1 CORD CAUTION LABEL コード注意ラベル 基板カバー板/ E 基板が一板/ E 基板が一板/ E サン502 0100 54 mini double board post ダブルミニキバンポスト 11 13RN 7312 0 TERMINAL PROTECTION COVER 1 環子保護カバー 12 26NA 7357 0 CONTACT FIXING SCREW A 接点固定ネジ A 13 A0R5 1361 00 Cover カバー 14 A0R5 1362 00 Cushion クッション 15 40LA 7384 0 CONTACT PROTECTION COVER 基板 17 27LA 7399 0 CONTACT PROTECTION SEAL 接点保護シール		D D D C D D C D C C D C C	1 1 1 2 1 1 1	
9 A0R5 1374 00 Board Cover Plate /E 基板カバー板/ E が 10 V502 0100 54 mini double board post ダブルミニキバンポスト 11 13RN 7312 0 TERMINAL PROTECTION COVER 1 端子保護カバー 12 26NA 7357 0 CONTACT FIXING SCREW A 接点固定ネジ A 13 A0R5 1361 00 Cover カバー 14 A0R5 1362 00 Cushion クッション 15 40LA 7384 0 CONTACT PROTECTION COVER 接点保護カバー 16 A0R5 1357 00 Board Cover /B 27LA 7399 0 CONTACT PROTECTION SEAL 接点保護シール		D D C D C D D C C	1 1 1 2 1 1 1	
9 A0R5 1374 00 Board Cover Plate /E 基板カバー板/ E 10 V502 0100 54 mini double board post ダブルミニキバンポスト 11 13RN 7312 0 TERMINAL PROTECTION COVER 1 端子保護カバー 12 26NA 7357 0 CONTACT FIXING SCREW A 接点固定ネジ A 13 A0R5 1361 00 Cover カバー 14 A0R5 1362 00 Cushion クッション 15 40LA 7384 0 CONTACT PROTECTION COVER 接点保護カバー 16 A0R5 1357 00 Board Cover /B 27LA 7399 0 CONTACT PROTECTION SEAL 接点保護シール		D D C D C D D C C	1 1 2 1 1 1	
10 V502 0100 54 mini double board post ダブルミニキバンポスト 11 13RN 7312 0 TERMINAL PROTECTION COVER 1 端子保護カバー 12 26NA 7357 0 CONTACT FIXING SCREW A 接点固定ネジ A 13 A0R5 1361 00 Cover カバー 14 A0R5 1362 00 Cushion クッション 15 40LA 7384 0 CONTACT PROTECTION COVER 接点保護カバー 16 A0R5 1357 00 Board Cover /B 17 27LA 7399 0 CONTACT PROTECTION SEAL 接点保護シール		D C C D C C	1 2 1 1	
11		D C D C D	2 1 1 1	
12 26NA 7357 0 CONTACT FIXING SCREW A 接点固定ネジ A 13 A0R5 1361 00 Cover カバー クッション 15 40LA 7384 0 CONTACT PROTECTION COVER 接点保護カバー 16 A0R5 1357 00 Board Cover /B 17 27LA 7399 0 CONTACT PROTECTION SEAL 接点保護シール		C D C D	1 1 1	
13 A0R5 1361 00 Cover カバー 14 A0R5 1362 00 Cushion クッション 15 40LA 7384 0 CONTACT PROTECTION COVER 接点保護カバー 16 A0R5 1357 00 Board Cover /B 17 27LA 7399 0 CONTACT PROTECTION SEAL 接点保護シール		D C D C	1 1 1	
14 A0R5 1362 00 Cushion クッション 15 40LA 7384 0 CONTACT PROTECTION COVER 接点保護カバー 16 A0R5 1357 00 Board Cover /B 基板 17 27LA 7399 0 CONTACT PROTECTION SEAL 接点保護シール		C D D C	1 1	
15 40LA 7384 0 CONTACT PROTECTION COVER 接点保護カバー 16 A0R5 1357 00 Board Cover /B 基板 17 27LA 7399 0 CONTACT PROTECTION SEAL 接点保護シール		D D C	1	
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17 27LA 7399 0 CONTACT PROTECTION SEAL 接点保護シール		С		4
17 27LA 7399 0 CONTACT PROTECTION SEAL 接点休護ソール 18 A0R5 1354 00 Board Mounting Plate 基板取り付け板			•	
18 AOR5 1354 00 Board Mounting Plate 基板取り付け板			2	
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WIRING

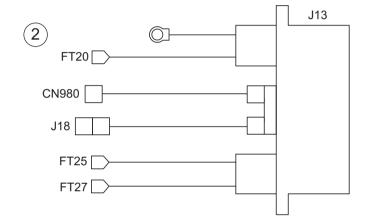


Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2 3 4 5	26NA 9019 1 26NA 9035 1 A0R5 N105 00 4030 6824 01 A0R5 N100 00	TONER SUPPLY WIRING 1 DEVELOPING RELAY WIRING 2 Scanner Wiring WIRE HARNESS ASSY Ope.unit Cable	トナー補給束線 1 現像中継束線 2 スキャナー束線 ハーネス A S S Y 操作部ケーブル		D D D C	1 1 1 1	
6	A0R5 N101 00	I/O Relay harness	操作部ケーブル I / O 中継束線		D	1	
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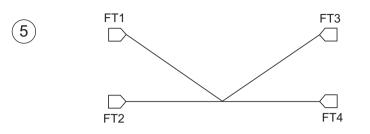
Key	Part No.	Desc	ription	Destinations Class			Standard parts
1	42GA N101 00	MAIN BODY WIRING /UPPER	本体 束線/上		D	1	
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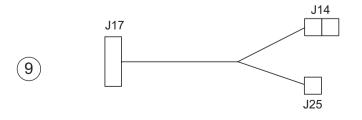




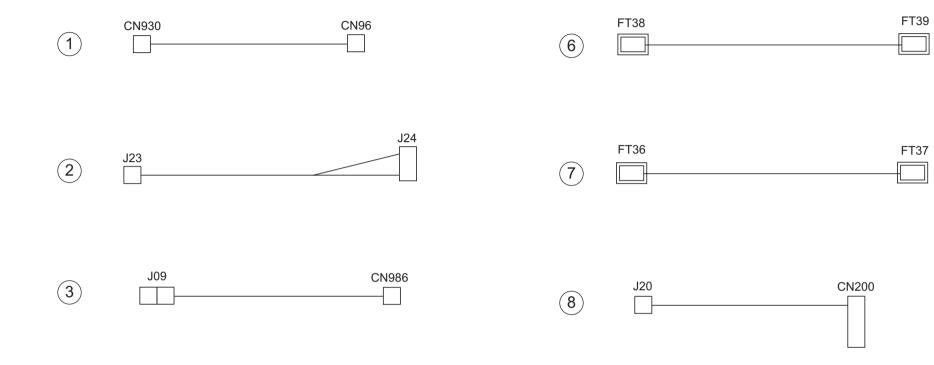








Key					Class	QTY	Standard parts
1 2	50GA 9004 0 50GA 9005 1	FUSE CORD 1 FIXING POWER SUPPLY WIRING	ヒューズコード 1 定着給電束線		D D	1	
3	50GA 9011 0E	AC Power supply Wiring /1	AC 給電束線/1		D	1	
4	50GA 9012 0	AC POWER SUPPLY WIRING 2	AC 給電束線/2		D	1	
5	50GA 9013 0	AC POWER SUPPLY WIRING 3	AC 給電束線/3		D	1	
6	50GA 9014 0	FIXING RELAY WIRING 2	定着中継束線 2		D	1	
7	50GA 9016 0	OPTICAL RELAY WIRING	光学中継束線		D	1	
8	50GA 9019 0	CONVEYANCE EARTH WIRING	搬送アース束線		D	1	
9	50GA 9024 0	DEVELOPING RELAY WIRING	現像中継束線		D	1	
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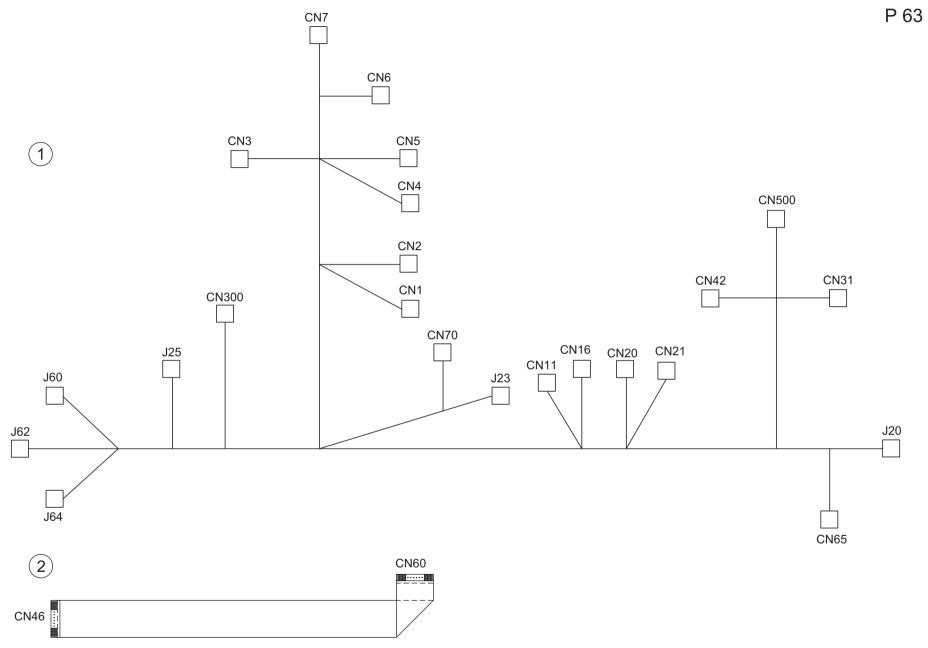






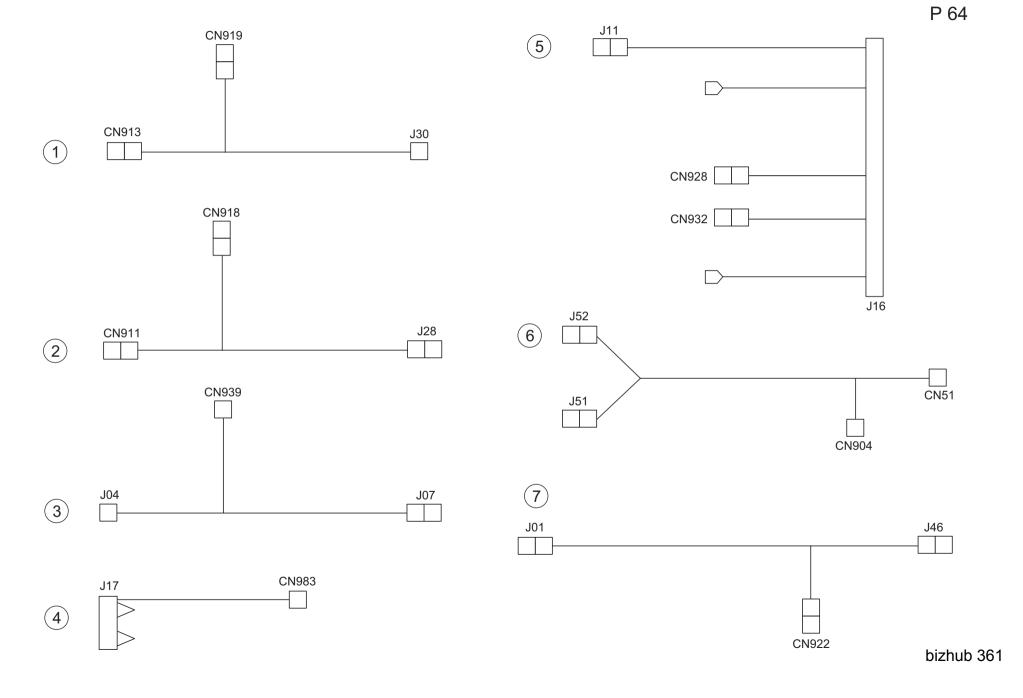
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Key	Part No.					Class QTY Sta		
1	50GA 9026 0	LAMP RELAY WIRING	ランプ中継束線		D	1		
	50GA 9027 0	DC INTERLOCK WIRING	DC インターロック束線		D	1		
3	50GA 9031 0	RELAY WIRING	センサ中継束線		D	1		
4	50GA 9031 0 50GA 9032 0E	CONVEYANCE SUCTION WIRING	搬送サクション東線		D	1 1		
4	50GA 9032 0E	CONVEYANCE SUCTION WIRING	加达サクション米級					
5	50GA 9037 0	REGISTRATION WIRING	レジスト束線		D	1		
6	50GA 9038 0	HIGH VOLTAGE WIRING 1	高圧束線 1		D	1		
7	50GA 9039 0	HIGH VOLTAGE WIRING 2	高圧束線 2		D	1		
8	50GA 9042 0	OPTION RELAY WIRING	オプション中継束線		D	1		
9	26NA 9031 1	RELAY WIRING 1	センサ中継束線 1		D	1		
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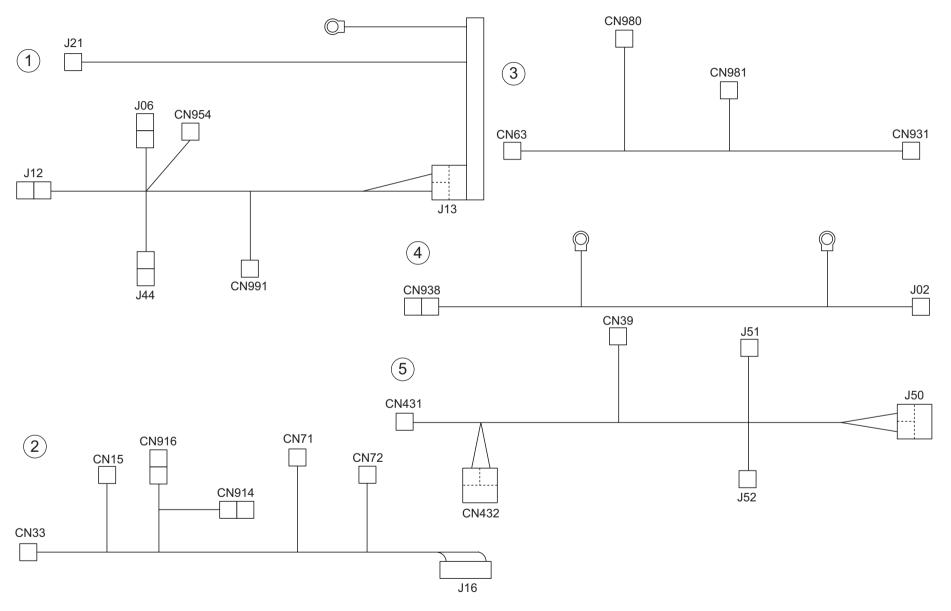
Key		Desc	ription	Destinations			
1 2	50GA 9003 0 50GA 9050 0	DC POWER SOURCE WIRING AD WIRING	DC 電源束線 AD 束線		D C	1 1	
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WIRING



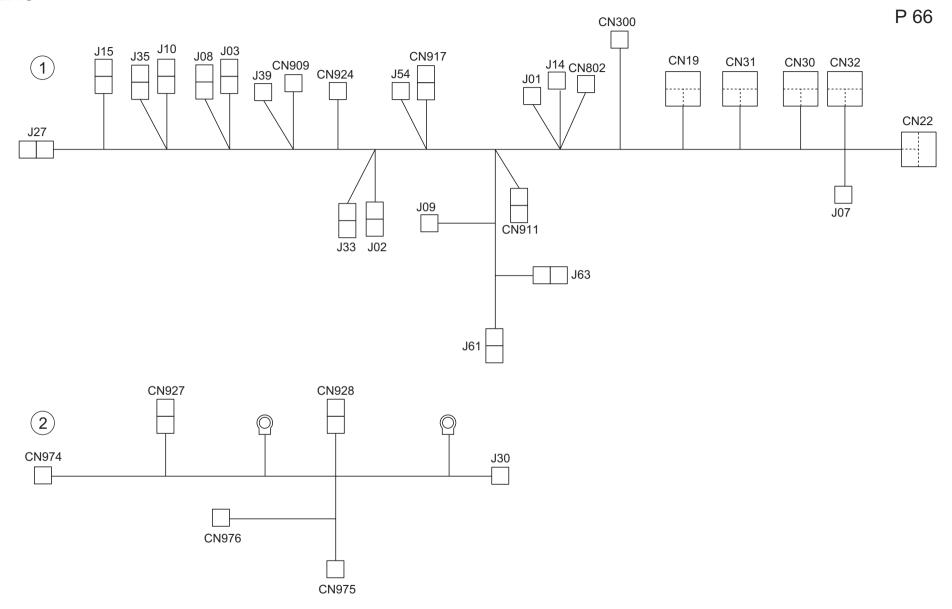
Key			cription	Destinations	Class	QTY	Standard parts
1 2 3 4 5	50GA 9033 0 50GA 9034 0 50GA 9035 0 40LA 9025 0 40LA 9007 1 40LA 9022 0E	INTERNAL COOLING WIRING FIXING COOLING WIRING PAPER FEED RELAY WIRING UPPER DEVELOPMENT WIRING DRUM WIRING POLYGON RELAY WIRING	機内冷却束線 定着冷却束線 絡紙中継束線 上 現像束線 ドラム束線 ポリゴン中継束線		D D D D	1 1 1 1 1	
7	50GA 9030 0	REGISTRATION RELAY WIRING	レジスト中継束線		D	1	



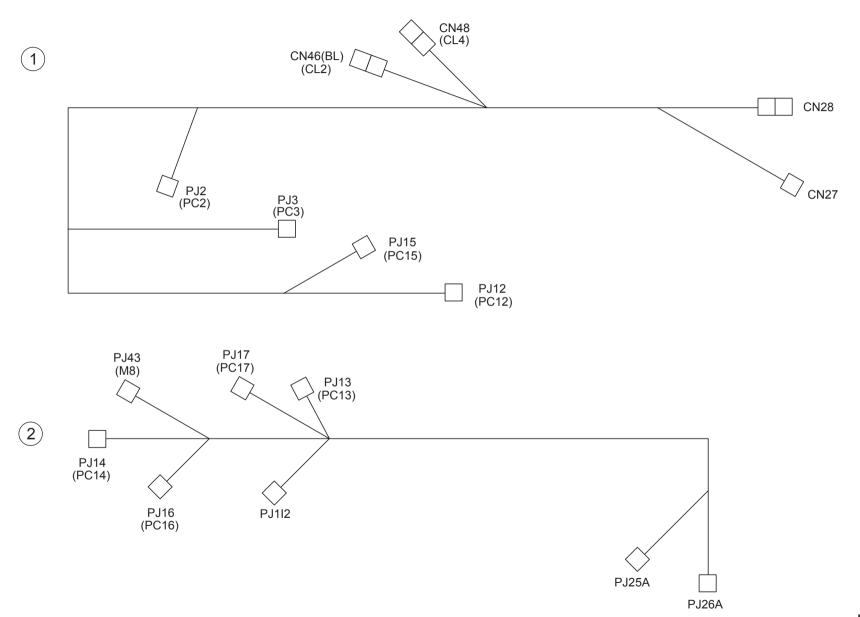


Key	Part No.	Desc	ription	Destinations	Class	QTY	Standard parts
1 2 3 4 5	50GA 9006 0 50GA 9008 0 50GA 9009 0 50GA 9029 0 50GA 9020 0	FIXING RELAY WIRING DRUM RELAY WIRING OPTICAL WIRING CONVEYANCE RELAY WIRING LD RELAY WIRING	定着中継束線 ドラム中継束線 光学束線 搬送中継束線 LD中継束線		D D D D	1 1 1 1	

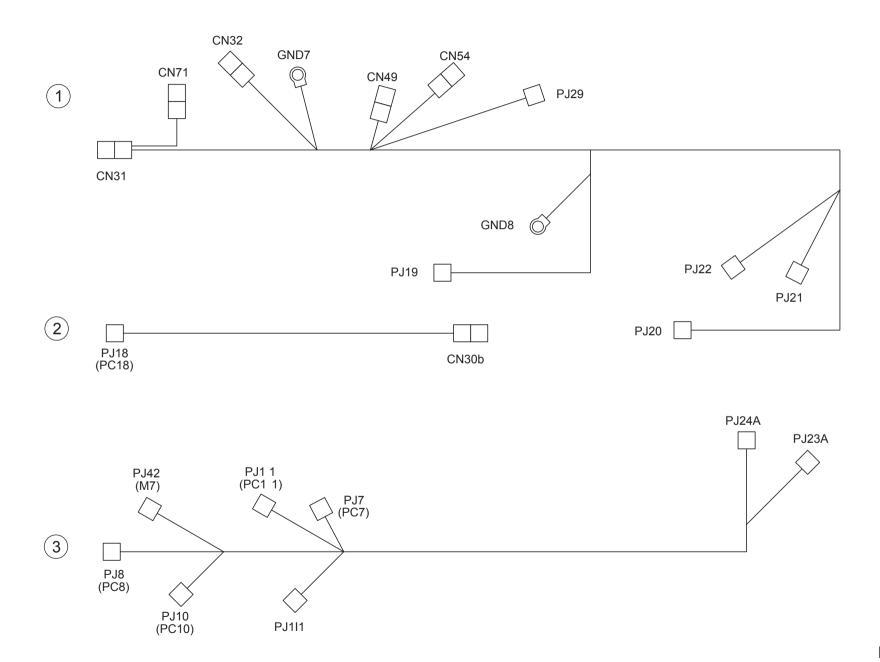
WIRING



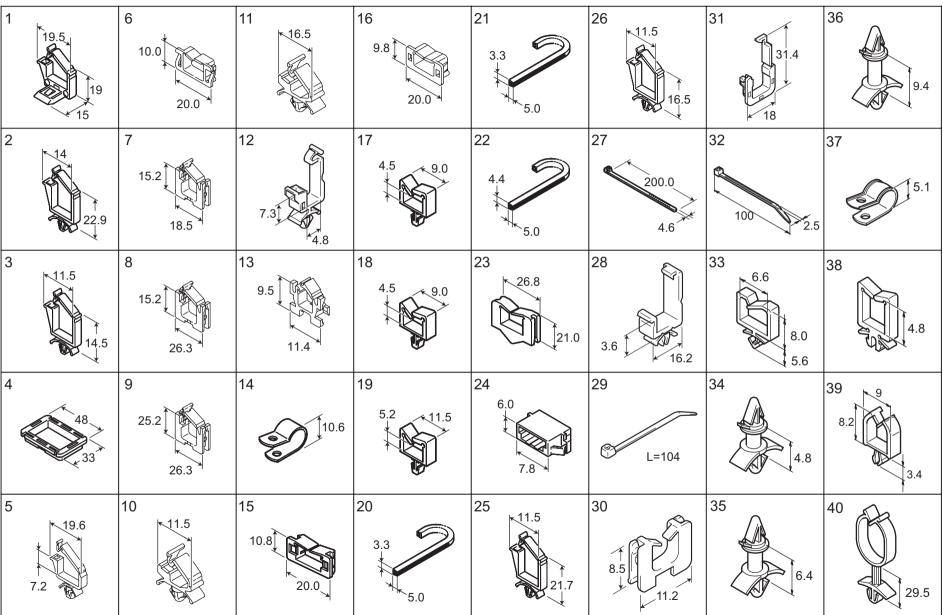
Key	Part No.	Desc	ription	Destinations	Class QTY		Standard parts	
1 2	50GA 9002 0 50GA 9017 1	MAIN BODY WIRING LOWER ADU WIRING	本体 束線/下 ADU 束線		D D	1 1		
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Key	Part No.		Description	Destinations	Class	QTY	Page. 67 Standard parts
1 2	4030 6812 02 4030 6813 02	WIRE HARNESS ASSY WIRE HARNESS ASSY	ハーネス ASSY ハーネス ASSY	Dodinations	D D	1 1	
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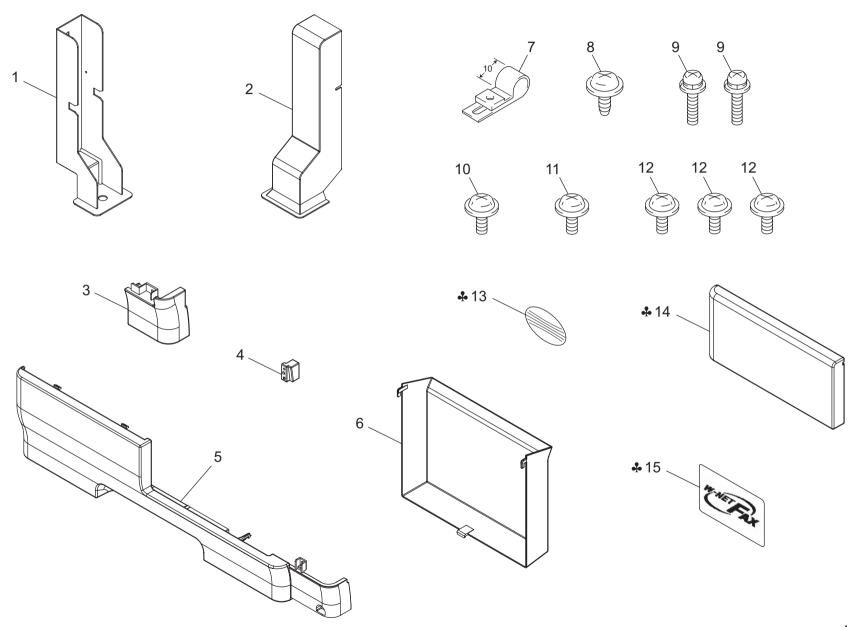
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2 3	4030 6814 03 4030 6818 01 4030 6810 02	WIRE HARNESS ASSY WIRE HARNESS ASSY WIRE HARNESS ASSY	ハーネス A S S Y ハーネス A S S Y ハーネス A S S Y		D D D	1 1 1	



Key	Part No.		Description	Destinations	Class	QTY	Standard part
1	V500 0100 22	saddle	ロッキングワイヤーサドル		D		
2	V500 0100 08	saddle	ロッキングワイヤーサドル		D		
3	V500 0100 03	Saddle	ロッキングワイヤーサドル		D		
4	V570 0100 39	bushing	スクウェアプッシュ		D		
5	V500 0100 04	saddle	ロッキングワイヤーサドル		D		
6	V570 0100 23	saddle	エッジサドル		D		
7	V570 0100 26	saddle	ロッキングエッジサドル		D		
8	V570 0100 27	saddle	ロッキングエッジサドル		D		
9	V570 0100 28	saddle	ロッキングエッジサドル		D		
10	V500 0100 46	saddle	ミニロッキングワイヤーサドル		D		
11	V500 0100 61	saddle	ミニロッキングワイヤーサドル		D		1
12	V500 0100 20	Saddle	ミニロッキングワイヤーサドル		D		
13	V570 0100 50	Locking Edge Saddle	ロッキングエッジサドル		D		
14	V500 0200 05	clamp	ナイロンクランプ		C		
15	V570 0100 07	saddle	スーパーサドル		D		
16	V570 0100 07	saddle	スーパーサドル		D		-
	V500 0100 08	saddle	スーパーサトル		D		
17			ミニサドル		D		
18	V500 0100 28	saddle			_		
19	V500 0100 29	saddle	ミニサドル		D		
20	00Z9 2450 8	FLEXIBLE BUSH	オシタ゛シェッシ゛ンク゛(CE 0 1 2 S)		С		4
21	00Z9 2451 2	FLEXIBLE BUSH	自在ブッシュ(CEO12)		С		
22	00Z9 2452 4	FLEXIBLE BUSH	シ゛サ゛イフ゛ッシュ1 M (CE 0 2 4)		D		
23	V570 0100 12	saddle	エッジサドル		D		
24	V651 0100 01	connector	WtoWコネクタ		D		
25	V500 0100 07	saddle	ロッキングワイヤーサドル		D	1	1
26	V500 0100 05	saddle	ロッキングワイヤーサドル		D		
27	V501 0100 06	band	結束バンド		D		
28	V500 0200 10	clip	コードクリップ(M)		D		
29	V501 0100 01	band	結束バンド		D		
30	V570 0100 21	Saddle	エッジサドル		D		
31	V570 0100 31	holder	エッジホルダー		D		
32	V501 0100 12	band	結束バンド		D		
33	V500 0100 47	saddle	ミニサドル		D		
34	V502 0100 44	PCB Support	PCB サポート		D		
35	V502 0100 45	PCB Support	PCB サポート		D		
36	V502 0100 46	PCB Support	P C B サポート		D		1
37	V500 0200 29	clamp	耐熱クランプ		D		
38	V500 0200 29 V500 0100 35	saddle	ワイヤーサドル		D		
39	V500 0100 55	clamp	ミニクランプ		D		
39 40	V500 0200 55 V500 0200 27	lifter	ハーネスリフター		D		
1 0	V 300 0200 21	intel	ハーホヘソノメー		U	+	1
							4
	1					I	1

					P 70
1 12.7	6	11 *			
2 12.0 15.8 6.0	7	12 ♣			
3 23.2	8				
4 108	9				
5	10				

Key		ESSURT AND JIGS	Description	Destinations	Class	QTY	Standard parts
-	Part No.		Description	Destinations	Class	QIY	Standard parts
	V502 0100 17	support	ロッキングサーキットボードサポート		D		
	V651 0100 05	CONNECTOR	WtoWコネクタ		D		
	V651 0200 01	connector	ドロワーコネクタ		D		
4	V501 0100 09	band	結束バンド		D		
	9384 1600 11	P-CLIP 10D	コート゛オサエ		D		
6	26NA JG01 1	Optic Unit Positioning Jig	光学位置決め治具		D		
	000V 1001 0	GLOVES	ポリエチレン手袋 100 SET 200枚		S		
	000V 1002 0	DUST BAG	ダストバッグ 10枚		S		
	000V 1003 0	DEVE COLLECTING SHEET	デベ回収シート 10枚		S		
	000V 1004 0	COLLECTING HAND BAG	回収用手提げ袋 100枚		S		
	000V 1004 0	COTTON SWAB	綿棒 40枚	A,C	S		
	000V 1003 0	CLEANING PAD	クリーニンク * ハ * ット. (30マイ)	C	Ä		
		CLEANING PAD	クリーニンク * ハ * ット. (30マイ. コク				
12	000V -18- 2	CLEANING PAD	クリーニング ハ ット. (30マイ. コグ	A	Α		
							-
							4
							1
]
							1



	JESSURT							
Key	Part No.		cription	Destinations	Class	QTY	Standard parts	
1	50GA 1026 0	ENCLOSED INSTALLING PLATE A	同梱設置板 A		С	1		
2	A0R5 1029 00	Cover	カバー		С	1		
	A0R5 1677 00	Cover /Right	カバー/右		С	1		
4	A0R5 1680 00	Cover	カバー		С	1		
5	A0R5 1712 00	Cover	カバー		С	1		
	A00J 1699 01	Holder	ホルダ		С	1		
7	9384 1600 11	P-CLIP 10D	コート゛オサエ		D	1		
8	V137 0308 04	screw	カップ頭タッピングねじ SC タイト		D	1		
9	V123 0450 03	Screw	なべ小ねじ・セムスⅡ標準		С	2		
	V121 0306 03	screw	TPネジ・座付なべ小ねじ		D	1		
11	V121 0308 04	screw	TPネジ・座付なべ小ねじ		D	1		
	V116 0306 03	Screw	なべ小ねじ・セムス		D	3		
13	A00J 9455 00	Logo Mark	ロゴマーク	C	С	1		
14	A0RA 1701 01	Cover /Left front	カバー/左前	C	С	1		
15	A00J 9437 00	Label	ラベル	A	D	1	1	
-							-	
							+	
							†	
							1	
							1	
							1	
L								

MAINTENANCE LIST 1/1

● The items with no Page/Key numbers are not handled as spare parts.

No.	Section	PM Parts Description	Maintenance (Cycle (K=1,000)	Parts No.	Destinations	Page/Key	Note
			QTY	Replace	1			
1	Photo Conductor Section	Drum	1	225K	-		-	
2		Cleaning Blade assy	1	225K	50GA-2090		P20-12	
3		Drum unit (without drum)	1	675K	50GA-2001		P17-18	
4	Transfer/separation section	Transfer/separation unit	1	450K	50GA-2600		P22-1	
5	Developing section	Developer	1	225K	-		-	
6	3	Developing unit	1	675K	50GA-3001		P24-18	
7	Main Body	Filter mounting plate assy	1	225K	50GA-3360		P29-14	
8	,	Ozone Filter	1	225K	50GA10310		P57-12	
9		Suction Filter/A assy	1	225K	40LAR70500		P30-2	
10		Filter cover assy	1	225K	A0R5R70100		P30-1	
11		Suction Cover 2 assy	2	225K	50GA-3110		P30-7	
12	Paper feed section	Pick-up roller	2	300K	4030300501		P31-7/P33-13	
13		Feed roller	2	300K	4030300501		P31-7/P33-13	
14		Separation roller assy(Tray 1, 2)	2	300K	4030015101		P32-15/P34-11	
15	Bypass tray section	Paper feed roller	1	200K	4131300101		P36-36	
16		Separation roller assy	1	200K	4034015101		P35-8	
17	Registration section	Loop roller	1	900K	50GA38650E		P38-11	
18	_	Registration roller /Rt	1	900K	50GA38480		P38-10	
19		Registration bearing /Rt	2	900K	26NA45360		P38-21	
20		Registration bearing /Lt	2	900K	26NA45371		P38-20	
21		Loop bearing	2	900K	26NA40820		P38-12	
22	Fusing section	Fusing roller	1	225K	42GA53030	Α	P49-4	
23		Fusing roller	1	225K	50GA53030	B,C,G2	P49-4	
24		Fusing pressure roller	1	225K	42GA53040	Α	P49-13	
25		Fusing pressure roller	1	225K	50GA53040	B,C,G2	P49-13	
26		Fusing web	1	225K	42GA-5400	Α	P54-1	
27		Fusing web	1	225K	50GA-5400	B,C,G2	P54-1	
28		Heat insulating sleeve /A	2	225K	26NA53720		P49-6	
29		Fusing bearing /Up	2	225K	26NA53712		P49-5	
30		Fusing bearing /Lw	2	225K	50GA53590		P49-12	
31		Fusing sensor assy	1	450K	50GA-5440		P50-6	
32		Fuse holder assy	1	450K	SP00-0112		P50-10	
33		Fusing claw assy	1	450K	42GA-5330	Α	P53-1	
34		Fusing claw assy	1	450K	50GA-5330	B,C,G2	P53-1	
35		Fusing driven roller /A assy	2	225K	4040R70600		P52-13	
36		Fusing driven roller /B assy	2	225K	4040R70700		P52-4	
37		Fusing input gear assy	1	450K	50GA-5461		P51-20	
38	Paper reverse ection	Paper exit suction filter	1	225K	50GA44060		P39-2	
39	Write section	Write unit	1	900K	A0R5R70000		P11-1	

メンテナンスリスト

●ページ/キーナンバーのないものは、アフターサービス部品ではありません。

No.	区分	P M 部品名称	# ፈ カ	ル (K=1.000)	部品番号	仕向地	夏/キー	備考
110.		1 141 HAND 131	員数	交換	— HPHH # 7	171776	7'	C. an
1	感光体部	ドラム	1	225K	1-		_	
2	NE YOU THAT	クリーニングブレード Assy	l i	225K	50GA-2090		P20-12	
3		ドラムユニット(ドラムなし)	l i	675K	50GA-2001		P17-18	
•	転写/分離極部	転写/分離極ユニット	1	450K	50GA-2600		P22-1	
5	現像部	現像剤	1	225K	-		-	
6		現像ユニット	l i	675K	50GA-3001		P24-18	
7	本体部	フィルタ取付板 Assy	1	225K	50GA-3360		P29-14	
8	7 17 11	オゾンフィルタ	l i	225K	50GA10310		P57-12	
9		サクションフィルタ /A Assv	'	225K	40LAR70500		P30-2	
10		フィルタカバー Assy		225K	A0R5R70100		P30-1	
11		サクションカバー /2 Assy	2	225K 225K	50GA-3110		P30-7	
12	給紙部	ピックアップローラ	2	300K	4030300501		P31-7/P33-13	
13	하다 하는 다음	給紙ローラ	2	300K	4030300501		P31-7/P33-13	
14		分離ローラ Assy (トレイ 1、2)	2	300K	4030300301		P32-15/P34-11	
15	手差しトレイ部		1	200K	4131300101		P36-36	
16	子左しドレィ師	分離ローラ Assv		200K 200K	4034015101		P35-8	
17	レジスト部	ループローラ Assy	1	900K	50GA38650E		P38-11	
18		レジストローラ /Rt		900K	50GA38480		P38-10	
19		レジスト軸受 /Rt	1	900K	26NA45360		P38-21	
20		レジスト軸受 /Lt	2	900K 900K	26NA45371		P38-20	
21		ループ軸受	2	900K	26NA40820		P38-12	
22	定着部	ルーノ軸文 定着ローラ	1	225K	42GA53030	A	P38-12 P49-4	
	上 有 即	た有ローラ 定着ローラ		225K 225K	50GA53030	B.C.G2	P49-4 P49-4	
23 24		定有ローラ 定着加圧ローラ		225K 225K	42GA53040	A B,C,G2	P49-4 P49-13	
25		定着加圧ローラ		225K 225K	50GA53040	B.C.G2	P49-13	
26		足信加圧ローク 定着ウェブ		225K 225K	42GA-5400	A	P54-1	
27		た何ソエノ 定着ウェブ		225K 225K	50GA-5400	B.C.G2	P54-1	
28		足有'ソエノ 断熱スリーブ / A	[]	225K 225K	26NA53720	D,O,GZ	P34-1 P49-6	
28 29		対熱スリーク / A 定着軸受 /Up	2	225K 225K	26NA53720 26NA53712		P49-6 P49-5	
30) 定有軸受 /Up │ 定着軸受 /Lw	2	225K 225K	50GA53590		P49-5 P49-12	
		足育軸受 / LW 定着センサ Assv	\ \frac{2}{1}		50GA53590 50GA-5440		P49-12 P50-6	
31		足者センザ Assy ヒューズ取付板 Assy		450K	SP00-0112		P50-6 P50-10	
32				450K	42GA-5330		P50-10 P53-1	
33		定着爪 Assy		450K	42GA-5330 50GA-5330	A	P53-1 P53-1	
34		定着爪 Assy		450K		B,C,G2		
35		定着従動ローラ /A Assy	2	225K	4040R70600		P52-13 P52-4	
36		定着従動ローラ /B Assy	2	225K	4040R70700			
37		定着入力ギア Assy		450K	50GA-5461		P51-20	
	反転部	排紙サクションフィルタ	1	225K	50GA44060		P39-2	
39	書き込み部	書き込みユニット	1	900K	A0R5R70000		P11-1	

DESTINATION

Dest	ination No.		Destinations	V	Hz	Model No.
A A1		JAPAN		100	50/60	A0R7001
A	A2	JAPAN	100	50/60	A0R7001	
В		USA, CANADA		120	60	A0R7011/ A0R7012
	С	EUROPEAN TYPE		220-240	50/60	A0R7021
D	D1	S.E ASIA TYPE	THAILAND, SRI LANKA, SINGAPORE, MALAYSIA, HONG KONG, PAKISTAN, INDIA, BANGLADESH, INDONESIA	220-240	50/60	
	D3	OCEANIA TYPE	AUSTRALIA, NEW ZEALAND	220-240	50/60	
	Е	PHILIPPINES		220-240	50/60	
F	F1	SAUDI ARABIA				
-	F2	SAUDI ARABIA		220-240	50/60	
G	G1	C.S AMERICA		220-240	50/60	
G	G2	C.S AMERICA		120	60	A0R7011
	Н	TAIWAN				
	I	· ·	ON, SYRIA, SOUTH AFRICA, IRAQ, IRAN, N.YEMEN, CAME- RAIN, OMAN, QATAR, KUWAIT, KENYA, TUNISIA, IVORY CO	220-240	50/60	
	J	CHINA				
	K	KOREA		220-240	50/60	



PARTS GUIDE MANUAL

APRIL 2008

bizhub 421 A0R6

INFORMATION FOR PARTS GUIDE MANUAL

To find correct Parts No., refer to the "HOW TO MAKE THE BEST USE OF THIS MANUAL" in the following page.

HOW TO MAKE THE BEST USE OF THIS MANUAL

- 1 When you order, please check the proper figures beforehand that are on Our Parts Guide Manual, and order with the appropriate figures.
- 2 For screws, Nuts, Washers, retaining rings and Pins which are used in this model, one letter is shown on the Standard parts column of Parts list and exploded diagrams.
- 3 In order to maintain safety of the product, some specific parts composed of this product are set up as "essential safety parts".
- 4 The assigned parts number for the "essential safety parts" is indicated as "SP00-****".

When replacing these parts, follow precautions for disassembling and installing which are listed in the Service Manual.

Do not use any parts that are not set up as

- 5 means that there are exclusive parts for each destination.

 Please check the appropriate destination when you order.
- 6 Revision Mark

Marked as ▲ on the illustration shows that the revision has been made.

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Use of this parts guide manual should be strictly supervised to avoid disclosure of confidential information.

パーツガイドマニュアルのご案内

サービス部品をご発注の際には、下記に示す "パーツガイドマニュアルの活用にあたって"をご参照の上、正しい部品番号にてお願い致します。

パーツガイドマニュアルの活用にあたって

- 1 部品発注の際には、掲載されている部品番号の桁数を確認し、掲載されている桁数で発注願います。
- 2 この製品に使用されているネジ、ナット、ワッシャー、止め輪、ピンなどは、リストの右側の Standard parts 欄に a,b,c,……で表示し、イラストにも a,b,c,……表示してあります。
- 3 製品の安全性を維持する為に、製品に使用される特定の部品を「重要保安部品」として設定しています。
- 4 重要保安部品の部品番号は、"SP00-****" と記載されていますので、部品 交換時は、サービスマニュアル記載の分解・組み立ての注意事項に従っ て作業をして下さい。

また、指定以外の部品は一切使用しないで下さい。

5 本文に ♣ が表示されている部品は、仕向け地毎に専用部品がある事を意味しています。

オーダーされる時は、仕向け地を確認して下さい。

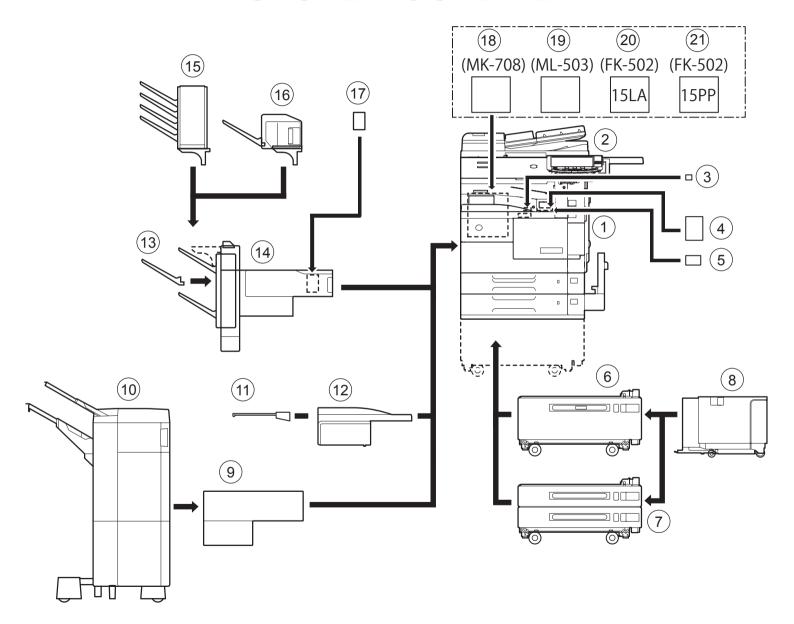
6 改訂記号について

イラスト上に▲印が表示されている部分は、改訂された事を表します。

7 版権所有 (無断転載及び無断引用の禁止) オパーツガイドラニュアルについては、機

本パーツガイドマニュアルについては、機密保持等その扱いには十分注意して下さい。万一取り扱いを誤った場合には、法律で処罰されることがあります。

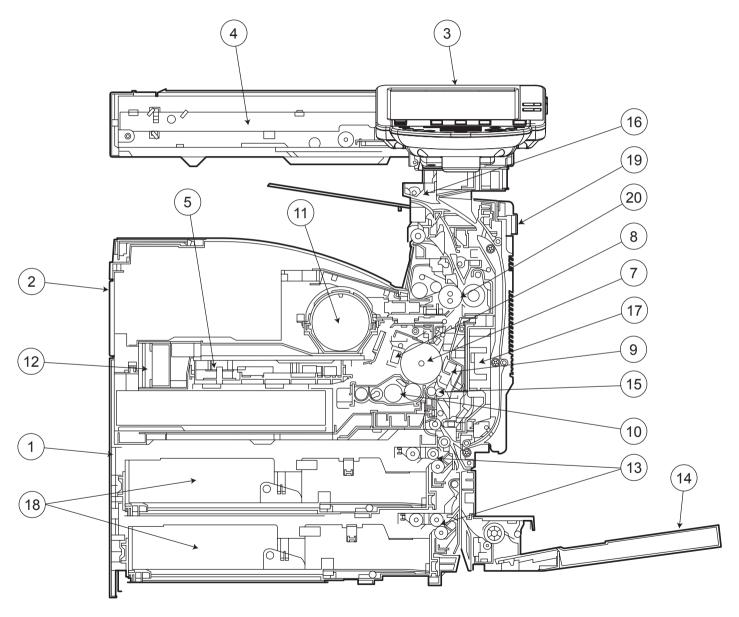
SYSTEM OUTLINE



GENERAL CONTENTS

No.	Description	Model
1	DIGITAL MFP B/W	bizhub 421
2	DOCUMENT FEEDER	DF-613
3	PRINT CONTROLLER	IC-207
4	OTHER OPTION	EK-703
5	OTHER OPTION	HD-509
6	PAPER FEEDER	PC-407
7	PAPER FEEDER	PC-206
8	PAPER FEEDER	LU-203
9	OTHER OPTION	RU-507
10	SORTER/FINISHER	FS-523
11	STACKER	JS-502
12	OTHER OPTION	OT-504
13	OTHER OPTION	OT-602
14	SORTER/FINISHER	FS-522
15	SORTER/FINISHER	MT-502
16	SORTER/FINISHER	SD-507
17	PUNCH UNIT	PU-501
18	FAX CONTROLLER	MK-708
19	FAX CONTROLLER	ML-503
20	FAX CONTROLLER	FK-502

DIAGRAMS OF MAIN PARTS SECTION



CONTENTS

No.	DESCRIPTION	名称	PAGE No.
1	MAIN FRAME	骨格	P1 P2 P3 P4
2	EXTERNAL PARTS	外装	P5 P6
3	OPERATION UNIT	操作部	P7
4	OPTICS UNIT	光学部	P8 P9 P10
5	WRITE UNIT	書き込みユニット	P11
6	DRIVING UNIT	駆動部	P12 P13 P14 P15 P16
7	DRUM CARTRIDGE	ト゛ラムカートリッシ゛	P17 P18 P19 P20
8	CHARGING UNIT	帯電極	P21
9	TRANSFER SEPARATOR CORONA UNIT	転写分離極	P22
10	DEVELOPING UNIT	現像ユニット	P23 P24
11	TONER SUPPLY UNIT	トナー補給部	P25 P26 P27 P28 P29
12	DEVELOPING SUCTION UNIT	現像サクションユニット	P30
13	PAPER FEED UNIT	給紙部	P31 P32 P33 P34
14	MANUAL FEED UNIT	手差しユニット	P35 P36 P37
15	REGISTRATION UNIT	レジストユニット	P38
16	TURNOVER UNIT	反転部	P39 P40
17	CONVEYANCE UNIT	搬送部	P41
18	CASSETTE	カセット	P42
19	AUTO DUPLEX UNIT	自動両面ユニット	P43 P44 P45 P46 P47 P48
20	FIXING UNIT	定着部	P49 P50 P51 P52 P53 P54
21	ELECTRIC PARTS	電装部	P55 P56 P57 P58
22	WIDING	束線	P59 P60 P61 P62 P63 P64 P65 P66 P67
22	WIRING	木砂	P68
23	WIRING ACCESSORY AND JIGS	配線部品 治具	P69 P70
24	ACCESSORY PARTS	アクセサリーパーツ	P71

INDEX

Parts No.	Page No.
000V -18- 1	70-12
000V -18- 2	70-12
000V 1001 0	70-7
000V 1002 0	70-8
000V 1003 0	70-9
000V 1004 0	70-10
000V 1005 0	70-11
00Z9 2450 8	69-20
00Z9 2451 2	69-21
00Z9 2452 4	69-22
0294 2064 0	23-9
0830 2014 0	6-20
0928 3033 01	46-7
0992 3014 01	42-36
1052 4412 01	31-22
1065 3086 01	31-19
1065 3086 01	33-25
1067 2501 01	31-27
1067 2501 01	33-22
1067 2502 01	36-26
1067 2513 01	16-30
1070 3072 01	31-21
1075 2565 01	36-7
1134 3041 01	33-10
1134 3041 01	45-3
1134 3042 02	37-20
1136 2060 0	24-14
1139 3169 01	40-1
1149 3454 01	34-29
1155 2518 01	16-28
1164 2155 01	1-6
1164 3065 01	54-21
1200 2105 02	39-14
1200 5212 04	33-7
1274 3603 01	42-29
12QV 4066 0	38-18
1300 3322 17	36-24
13QA 1033 0	15-7
13QA 7602 1	38-17
13QA 8552 1	38-7

Parts No.	Page No.
13RN 7312 0	58-11
1900 4141 0	12-6
1900 4141 0	13-5
1900 4141 0	14-4
1900 4141 0	15-17
1900 4142 0	14-6
1921 4171 0	51-3
25AA 7553 0	47-16
25HA 2510 0	21-2
25HA 3215 2	26-6
26NA -909 2E	11-2
26NA -918 2E	18-6
26NA -951 2E	10-20
26NA 1240 1	6-22
26NA 1255 0	5-11
26NA 1520 0	13-24
26NA 1560 0	13-4
26NA 1728 0	12-3
26NA 1728 0	13-19
26NA 1728 0 26NA 1728 0	15-2
26NA 1728 0	16-6
26NA 1757 0	15-10
26NA 1758 0	13-21
26NA 1759 0	15-11
26NA 2014 0	20-9
26NA 2016 0	20-14
26NA 2017 0	20-15
26NA 2020 0	18-8
26NA 2022 0	20-7
26NA 2024 2	17-6
26NA 2025 0F	18-3
26NA 2027 0	17-8
26NA 2029 0	17-12
26NA 2030 0	17-9
26NA 2030 0	32-13
26NA 2031 0	17-10
26NA 2037 0D	19-10
26NA 2038 0	19-7
26NA 2042 0	19-5
26NA 2048 0	18-2

Davida Na	Dana Na
Parts No.	Page No.
26NA 2055 3	20-11
26NA 2056 0	20-10
26NA 2057 0	19-2
26NA 2058 0	20-4
26NA 2071 0	20-13
26NA 2076 0D	19-4
26NA 2086 0D	19-11
26NA 2087 0	19-13
26NA 2092 0	19-1
26NA 2095 0	18-7
26NA 2107 0	19-9
26NA 2116 0	20-8
26NA 2128 0	19-19
26NA 2133 0	18-9
26NA 2134 0	17-2
26NA 2136 0	17-20
26NA 2136 0	24-21
26NA 2138 0	17-5
26NA 2140 0	17-14
26NA 2142 0	17-13
26NA 2143 0	17-17
26NA 2144 0	17-22
26NA 2517 0	21-11
26NA 2518 0	21-9
26NA 2608 0	22-3
26NA 2623 0	22-5
26NA 2625 0	22-11
26NA 2626 0	22-12
26NA 3009 0	24-8
26NA 3021 1G	24-24
26NA 3036 0	24-22
26NA 3044 0	24-17
26NA 3045 0	23-8
26NA 3047 0	23-2
26NA 3049 0	23-1
26NA 3063 0	24-23
26NA 3065 0	24-16
26NA 3066 0	24-15
26NA 3070 0	24-13
26NA 3070 0 26NA 3072 0	23-4

Parts No.	Page No.
26NA 3073 0	24-11
26NA 3075 0	24-28
26NA 3077 0	24-4
26NA 3084 0	24-19
26NA 3085 0	24-3
26NA 3086 0	24-25
26NA 3087 0	13-26
26NA 3093 0	24-27
26NA 3094 0	24-5
26NA 3095 0	24-10
26NA 3096 0	24-9
26NA 3101 0	24-30
26NA 3204 0	26-14
26NA 3209 0	26-25
26NA 3220 0	26-23
26NA 3228 0	26-21
26NA 3230 0	26-27
26NA 3231 1E	25-16
26NA 3242 0	25-14
26NA 3243 0	26-28
26NA 3254 0	26-22
26NA 3255 0	26-24
26NA 3256 0	26-9
26NA 3259 0	25-12
26NA 3266 0	25-6
26NA 3268 0	25-4
26NA 3269 0	26-29
26NA 3287 0	27-9
26NA 3290 0	26-26
26NA 3291 0	26-16
26NA 3292 0	26-17
26NA 3293 0	26-15
26NA 3294 0	25-13
26NA 3295 0	25-15
26NA 3296 0	26-7
26NA 3297 0	26-13
26NA 4082 0	38-12
26NA 4256 0	47-17
26NA 4507 1	41-10
26NA 4514 1	38-23

Parts No.	Page No.
26NA 4536 0	38-21
26NA 4537 1	38-20
26NA 4538 1	41-19
26NA 4549 0	21-14
26NA 4549 0	41-11
26NA 4552 0	41-1
26NA 5037 0	12-21
26NA 5321 1	50-17
26NA 5329 0	51-12
26NA 5346 0	51-6
26NA 5349 0	54-9
26NA 5359 0	12-22
26NA 5359 0	13-20
26NA 5361 0	54-8
26NA 5362 0	49-8
26NA 5371 2	49-5
26NA 5372 0	49-6
26NA 5374 0	49-17
26NA 5377 0	49-19
26NA 5384 0	51-11
26NA 5403 0	50-1
26NA 5414 0	51-25
26NA 5419 0	51-24
26NA 5423 0	49-18
26NA 5423 0	50-3
26NA 5424 0	51-10
26NA 5428 0	50-16
26NA 5429 0	51-7
26NA 5430 0	54-12
26NA 6115 0	9-6
26NA 6130 0	9-4
26NA 6131 0	10-17
26NA 6134 0	10-21
26NA 6137 0	10-14
26NA 6138 0	10-4
26NA 6139 0	10-23
26NA 6141 0	10-22
26NA 6153 1	10-5
26NA 6154 0	10-7
26NA 6155 1	10-12

Parts No.	Page No.
26NA 6156 0	10-3
26NA 6159 0	10-13
26NA 6160 0	10-8
26NA 6161 0	10-6
26NA 6173 2	8-1
26NA 6175 1	10-26
26NA 6181 2	8-4
26NA 6184 0	10-31
26NA 6194 0	10-2
26NA 6206 0	10-18
26NA 6213 0	5-10
26NA 6216 0	8-14
26NA 6228 0 26NA 6232 0	8-5
	10-32
26NA 6239 1	10-11
26NA 6245 1	8-13
26NA 6528 0	4-2
26NA 6529 0	4-1
26NA 7325 1	22-9
26NA 7325 1	56-17
26NA 7357 0	58-12
26NA 7373 2	57-1
26NA 8006 1	25-5
26NA 8251 3	25-11
26NA 8804 1	23-10
26NA 8846 1	57-6
26NA 9019 1	59-1
26NA 9031 1	62-9
26NA 9035 1	59-2
26NA JG01 1	70-6
26NA R701 00	57-7
26NA R702 00	13-3
26NA R703 00	18-4
26NA R704 00	17-23
26NA R705 00	17-4
26NA R706 00	18-5
26NA R707 00	24-12
26NA R708 00	23-3
26NA R709 00	3-9
26NA R710 00	12-19

Parts No.	Page No.
26NA R711 00	10-1
26NA R712 00	56-18
26TA -235 0	19-17
26TA -236 0	19-18
26TA -237 1	19-22
26TA 2032 0	17-7
26TA 2053 1	19-15
26TA 2088 1	19-12
26TA 2146 0	19-26
26TA 2147 0	19-25
26TA 2148 0	19-24
26TA 2149 0	19-23
26TA 2151 0	20-6
26TA 2154 0	19-16
26TA 2161 1	19-20
26TA 3258 0	25-7
26TA 3261 0	25-10
26TA 3264 0	25-8
26TA 3296 0	27-2
26TA 3297 0	27-3
26TA 3298 0	27-6
26TA 3299 0	27-4
26TA 3301 0	26-18
26TA 6251 0	8-9
26TA 6252 1	10-9
26TA 6253 0	10-10
26TA 8452 1	8-10
26TA R701 00	19-21
26TA R702 00	24-7
27LA 5383 0	54-7
27LA 5419 0	54-2
27LA 5446 0	3-10
27LA 7391 0	57-2
27LA 7399 0	58-17
27LA 8003 2E	12-1
27LA 8051 1	57-3
27LA 8803 1	56-9
3920 4526 0	17-24
4002 3108 01	42-37
4002 3110 01	55-6

Parts No.	Page No.
4002 3131 01	55-5
4002 3779 01	39-17
4002 7306 01	42-20
4011 3012 01	55-1
4011 3020 01	42-27
4011 3021 01	42-26
4011 5852 02	39-5
4011 5852 02	45-12
4030 0151 01	32-15
4030 0151 01	34-11
4030 0207 04	39-16
4030 0216 05	37-9
4030 2005 02	1-16
4030 2006 01	1-1
4030 2007 01	1-13
4030 2008 02	1-14
4030 2009 01	3-3
4030 2010 01	1-5
4030 2011 01	1-3
4030 2018 01	2-1
4030 2022 01	48-6
4030 2023 01	48-8
4030 2029 02	1-12
4030 2038 02	1-11
4030 2039 02	3-4
4030 2041 02	1-8
4030 2042 02	1-2
4030 2062 01	3-2
4030 2080 01	2-19
4030 2081 01	1-15
4030 3001 03	31-28
4030 3002 02	31-10
4030 3002 02	33-16
4030 3003 01	31-12
4030 3003 01	33-21
4030 3004 01	31-20
4030 3005 01	31-7
4030 3005 01	33-13
4030 3008 01	31-11
4030 3008 01	33-17

Parts No.	Page No.
4030 3010 02	33-37
4030 3011 03	31-24
4030 3011 03	33-27
4030 3012 01	31-25
4030 3012 01	33-28
4030 3013 01	32-17
4030 3013 01	34-9
4030 3014 01	32-7
4030 3014 01	34-7
4030 3016 12	31-30
4030 3016 12	33-11
4030 3017 03	32-6
4030 3017 03	34-5
4030 3018 01	33-6
4030 3019 02	33-9
4030 3021 01	33-36
4030 3022 01	33-26
4030 3023 03	31-15
4030 3025 02	32-14
4030 3025 02	34-17
4030 3026 02	32-10
4030 3027 02	32-11
4030 3030 01	31-18
4030 3030 01	33-24
4030 3031 01	33-8
4030 3032 03	32-2
4030 3034 01	31-8
4030 3034 01	33-14
4030 3036 01	31-13
4030 3036 01	34-18
4030 3037 01	32-12
4030 3037 01	34-16
4030 3039 01	32-18
4030 3039 01	34-8
4030 3041 02	31-4
4030 3042 02	33-5
4030 3046 03	55-16
4030 3047 02	55-4
4030 3048 02	55-13
4030 3049 01	55-14

Parts No.	Page No.
4030 3051 01	16-22
4030 3052 01	16-25
4030 3053 01	16-27
4030 3054 01	16-29
4030 3055 01	16-26
4030 3057 01	16-19
4030 3059 01	16-35
4030 3060 01	16-34
4030 3063 01	33-35
4030 3064 01	33-32
4030 3067 01	16-21
4030 3068 01	33-34
4030 3069 01	33-33
4030 3077 01	32-16
4030 3077 01	34-10
4030 3078 01	32-4
4030 3078 01	34-3
4030 3079 01	32-9
4030 3079 01	34-2
4030 3080 01	32-8
4030 3081 01	55-10
4030 3083 01	55-12
4030 3084 01	31-2
4030 3085 01	31-16
4030 3086 01	31-3
4030 3087 01	31-1
4030 3088 01	31-14
4030 3091 01	55-2
4030 3092 01	33-31
4030 3093 01	36-17
4030 3095 01	34-19
4030 3105 01	34-12
4030 3107 01	34-22
4030 3108 01	32-1
4030 3112 02	33-1
4030 3114 02	34-23
4030 3115 01	34-30
4030 3116 01	34-24
4030 3117 02	34-27
4030 3121 01	34-34

Parts No.	Page No.	Parts No.	Page No.	Parts No.	Page No.	Parts No.	Page No.	Parts No.	Page No.
4030 3122 01	34-33	4030 3420 02	36-14	4030 3492 01	35-12	4030 3818 02	40-9	4030 5848 01	52-14
4030 3123 01	34-32	4030 3422 01	36-20	4030 3523 02	57-14	4030 3819 01	40-10	4030 5854 01	52-8
4030 3124 03	34-13	4030 3424 01	35-19	4030 3524 01	57-15	4030 3821 01	39-18	4030 5855 01	52-6
4030 3125 01	32-5	4030 3427 01	36-23	4030 3703 01	44-1	4030 3823 01	40-8	4030 5856 01	52-9
4030 3125 01	34-14	4030 3428 01	35-17	4030 3707 01	46-8	4030 3824 01	45-11	4030 5856 01	53-9
4030 3128 01	33-4	4030 3429 02	36-1	4030 3708 01	46-10	4030 3825 02	45-10	4030 5857 01	52-7
4030 3129 03	34-15	4030 3430 01	36-18	4030 3709 01	46-15	4030 3826 01	40-4	4030 5858 01	52-5
4030 3134 03	34-31	4030 3432 07	36-35	4030 3710 01	43-10	4030 3829 01	45-8	4030 6214 00	42-38
4030 3135 01	34-25	4030 3434 01	36-4	4030 3713 01	43-4	4030 3834 01	39-19	4030 6215 00	42-39
4030 3201 09	42-12	4030 3435 01	37-27	4030 3725 01	43-14	4030 5717 01	53-12	4030 6810 02	68-3
4030 3203 01	42-16	4030 3436 01	37-13	4030 3726 01	43-3	4030 5750 03	53-2	4030 6811 01	31-5
4030 3205 01	42-35	4030 3437 01	37-28	4030 3733 03	43-11	4030 5753 01	53-14	4030 6812 02	67-1
4030 3206 01	42-34	4030 3438 01	35-23	4030 3734 01	43-15	4030 5802 01	52-15	4030 6813 02	67-2
4030 3207 01	42-25	4030 3441 01	36-5	4030 3735 01	44-3	4030 5803 01	54-14	4030 6814 03	68-1
4030 3208 02	55-9	4030 3444 01	36-29	4030 3737 01	46-6	4030 5805 03	52-11	4030 6818 01	68-2
4030 3211 02	42-8	4030 3445 01	36-30	4030 3738 03	46-5	4030 5805 03	53-11	4030 6824 01	59-4
4030 3212 01	42-19	4030 3446 01	37-17	4030 3739 01	46-3	4030 5806 01	52-12	4030 7306 02	37-30
4030 3214 02	42-21	4030 3447 01	36-28	4030 3740 01	46-14	4030 5808 02	53-4	4030 7307 02	37-30
4030 3215 01	42-22	4030 3448 01	35-20	4030 3741 03	46-13	4030 5809 02	53-7	4030 7308 02	37-30
4030 3216 01	42-32	4030 3455 02	37-11	4030 3742 01	46-12	4030 5810 02	53-8	4030 7315 01	1-4
4030 3217 01	42-3	4030 3456 01	35-5	4030 3743 02	46-11	4030 5811 01	54-15	4030 R705 00	16-31
4030 3218 01	42-33	4030 3457 03	35-18	4030 3744 01	43-19	4030 5812 01	52-16	4030 R707 00	36-19
4030 3222 03	42-24	4030 3460 02	37-8	4030 3745 01	43-21	4030 5816 01	52-24	4030 R708 00	36-6
4030 3223 03	42-28	4030 3463 01	37-10	4030 3748 01	43-7	4030 5817 02	52-25	4034 0151 01	35-8
4030 3224 02	42-41	4030 3464 01	36-27	4030 3749 01	43-5	4030 5820 03	52-23	4037 0104 01	55-3
4030 3224 02	55-11	4030 3465 01	36-31	4030 3749 01	46-17	4030 5821 02	52-22	4037 0906 01	31-26
4030 3226 01	42-30	4030 3467 01	36-9	4030 3750 01	46-16	4030 5822 03	52-26	4037 0906 01	33-3
4030 3227 01	42-13	4030 3472 01	37-14	4030 3755 01	44-9	4030 5823 01	52-2	4037 0906 01	36-3
4030 3228 12	42-11	4030 3473 02	37-26	4030 3760 01	46-2	4030 5827 01	52-30	4037 0906 01	37-21
4030 3229 02	42-31	4030 3474 01	35-13	4030 3805 02	40-11	4030 5827 01	53-3	4037 0906 01	39-22
4030 3401 13	36-22	4030 3475 01	35-11	4030 3806 02	45-9	4030 5834 02	54-18	4037 0906 01	55-7
4030 3402 01	35-14	4030 3476 01	35-4	4030 3807 03	40-7	4030 5836 01	52-19	4037 3204 01	42-2
4030 3403 01	35-15	4030 3477 01	35-3	4030 3808 01	40-12	4030 5839 03	52-3	4037 3213 12	42-14
4030 3404 01	35-10	4030 3478 02	36-11	4030 3809 01	39-13	4030 5840 02	52-17	4037 6899 01	37-12
4030 3412 01	37-7	4030 3479 01	36-2	4030 3810 01	39-12	4030 5841 01	54-16	4040 0780 01	57-5
4030 3414 01	37-19	4030 3481 01	35-24	4030 3811 01	45-4	4030 5842 01	52-33	4040 3096 01	31-23
4030 3415 02	37-18	4030 3484 01	35-6	4030 3812 01	45-5	4030 5843 02	52-10	4040 3096 01	33-29
4030 3416 02	36-34	4030 3486 01	37-1	4030 3813 01	45-6	4030 5844 02	52-18	4040 3097 01	31-17
4030 3417 01	36-25	4030 3487 01	37-3	4030 3814 01	45-7	4030 5845 02	52-20	4040 3097 01	33-23
4030 3419 01	36-15	4030 3489 01	35-16	4030 3817 01	40-6	4030 5847 01	52-1	4040 3443 01	36-32

Parts No.	Page No.
4040 3495 01	35-26
4040 3496 01	35-25
4040 3497 01	36-33
4040 3833 02	39-4
4040 5610 00	32-19
4040 5610 00	34-6
4040 5612 00	32-20
4040 5612 00	34-4
4040 5758 01	51-21
4040 6205 00	1-9
4040 R706 00	52-13
4040 R707 00	52-4
40AA 2017 0	17-16
40AA 2023 0	17-11
40AA 3229 0	48-4
40AA 5347 0	49-16
40AA 7319 1	17-25
40AA 8501 1	56-12
40AA 8803 1	26-19
40LA -215 1	19-6
40LA -221 0	17-26
40LA -222 0	17-27
40LA 1740 0	16-7
40LA 1754 0	15-4
40LA 1755 0	15-5
40LA 1756 0	15-9
40LA 2005 0	19-3
40LA 2019 0	20-1
40LA 2034 0D	20-5
40LA 2036 0E	20-2
40LA 2094 0	17-21
40LA 2167 0	18-1
40LA 2501 1	21-4
40LA 2502 0	21-13
40LA 2504 0	21-12
40LA 2505 0	21-5
40LA 2507 0	21-10
40LA 2516 0	21-6
40LA 2519 0	21-3
40LA 2520 0	21-15

Parts No.	Page No.
40LA 3227 0	26-10
40LA 5443 0	50-13
40LA 6114 0	8-2
40LA 6116 1E	9-16
40LA 6119 0	10-29
40LA 6121 0	10-19
40LA 6174 1	8-12
40LA 6183 0	10-30
40LA 6192 0	10-28
40LA 6193 0	10-27
40LA 6201 0	9-9
40LA 6246 0	9-18
40LA 6526 0	11-3
40LA 7384 0	58-15
40LA 8301 1	10-15
40LA 8351 3	9-12
40LA 9007 1	64-5
40LA 9022 0E	64-6
40LA 9025 0	64-4
40LA 9736 1	58-8
40LA R701 00	20-16
40LA R702 00	17-19
40LA R703 00	20-17
40LA R704 00	21-7
40LA R705 00	30-2
40LA R706 00	26-12
40LA R707 00	54-5
40LA R708 00	54-10
4128 3823 01	42-1
4131 2536 02	40-3
4131 3001 01	36-36
4131 3003 01	16-20
4131 3003 01	31-6
4131 3003 01	33-12
4131 3004 02	36-16
4131 3007 02	36-13
4131 3053 02	35-9
4131 3532 02	33-2
4131 4128 01	36-12
4131 4623 04	37-5

Parts No.	Page No.
4163 5293 01	34-26
42GA -530 0	51-1
42GA -533 0	53-1
42GA -540 0	54-1
42GA -548 0	50-20
42GA 5303 0	49-4
42GA 5304 0	49-13
42GA 5307 0	49-14
42GA 5308 0	49-11
42GA 5390 0	49-9
42GA 5406 0	49-7
42GA 5450 0	50-5
42GA 5451 0	50-8
42GA 5474 0	50-12
42GA 5482 0	52-21
42GA 5486 0E	53-15
42GA 5498 0	53-2
42GA 9001 0	60-1
42GE -530 0	51-1
42GF -530 0	51-1
4348 6206 00	1-10
4425 3013 01	31-29
4425 3013 01	33-15
4425 3016 01	31-9
4425 3016 01	33-20
4426 4411 02	40-5
4470 4024 01	29-7
4470 4024 01	53-5
4497 3114 01	44-5
4497 3114 01	46-19
4497 3116 01	44-6
4497 3116 01	46-20
4498 3388 01	39-6
4498 3469 01	42-15
4498 3825 01	42-4
4498 3826 01	42-5
4657 3714 01	43-18
4658 3012 01	42-23
4658 3047 01	57-9
4658 3048 01	42-6

Parts No.	Page No.
4658 3049 01	42-7
4658 3513 01	32-23
4658 3517 01	36-8
4660 7602 0	12-12
4660 7602 0	13-7
4660 7801 0	24-2
4660 7801 0	51-4
4661 3106 01	44-12
4661 3150 01	44-13
4661 3155 01	44-14
4687 3281 01	35-2
50GA -153 0	13-27
50GA -154 0	13-25
50GA -155 0	13-2
50GA -157 0	12-18
50GA -159 0	13-22
50GA -160 1E	13-8
50GA -164 1F	14-9
50GA -165 0E	14-13
50GA -167 0F	14-18
50GA -168 0E	14-10
50GA -169 2	16-23
50GA -171 0	15-3
50GA -172 0 50GA -173 0E	15-13
50GA -173 0E	15-6
50GA -176 0	16-33
50GA -183 0	12-13
50GA -186 1G	16-3
50GA -189 0	12-27
50GA -200 1	17-18
50GA -205 0	19-14
50GA -209 0	20-12
50GA -217 0	19-8
50GA -218 0	17-15
50GA -250 0	21-1
50GA -251 0	21-16
50GA -260 0	22-1
50GA -261 0	22-8
50GA -262 0	22-10
50GA -300 1	24-18

	7/0
Parts No.	Page No.
50GA -304 0	24-31
50GA -307 0E	24-29
50GA -311 0	30-7
50GA -313 0	30-3
50GA -315 0	30-4
50GA -316 0	30-5
50GA -319 0	30-6
50GA -320 1	26-1
50GA -322 1	25-1
50GA -323 0	25-9
50GA -332 1	27-1
50GA -333 0	27-7
50GA -334 1	27-5
50GA -336 0	29-14
50GA -337 0	28-9
50GA -380 1	38-1
50GA -382 0	38-2
50GA -400 0	33-38
50GA -402 0	33-39
50GA -450 0	41-22
50GA -452 0	41-23
50GA -513 0	47-3
50GA -519 0	43-9
50GA -520 0	43-13
50GA -521 0	44-17
50GA -533 0	53-1
50GA -540 0	54-1
50GA -543 0	51-2
50GA -544 0	50-6
50GA -546 1	51-20
50GA -548 0	50-20
50GA -550 0	3-11
50GA -556 0	54-11
50GA -626 1	8-11
50GA -628 0	9-5
50GA -751 0	56-16
50GA -902 0E	58-2
50GA -905 0	9-13
50GA -913 0	41-3
50GA 1006 0	4-5

Parts No.	Page No.
50GA 1007 0E	4-4
50GA 1010 0	2-17
50GA 1011 0	2-22
50GA 1013 0	2-2
50GA 1014 0	2-10
50GA 1015 0	2-13
50GA 1018 0	2-16
50GA 1019 0	2-14
50GA 1021 0	2-12
50GA 1023 0D	4-3
50GA 1024 0	2-21
50GA 1026 0	71-1
50GA 1030 0	2-4
50GA 1031 0	57-12
50GA 1360 00	58-5
50GA 1503 0	13-18
50GA 1504 0E	16-18
50GA 1506 0	12-11
50GA 1507 0F	16-15
50GA 1509 1	16-2
50GA 1518 1E	13-9
50GA 1522 0E	12-17
50GA 1541 0	12-25
50GA 1545 0	12-20
50GA 1547 0	12-26
50GA 1548 0	13-23
50GA 1550 0	12-5
50GA 1551 0	13-6
50GA 1552 0	12-7
50GA 1553 0	12-14
50GA 1554 0	12-15
50GA 1555 0	13-16
50GA 1556 0	13-11
50GA 1557 0	13-17
50GA 1559 0	13-12
50GA 1560 0	13-10
50GA 1561 0E	12-16
50GA 1562 0	13-15
50GA 1563 0	13-13
50GA 1564 0	13-14

Parts No.	Page No.
50GA 1565 0	12-23
50GA 1566 0	12-4
50GA 1605 0	14-1
50GA 1610 0	14-19
50GA 1611 0	14-5
50GA 1612 0	14-7
50GA 1613 0	14-2
50GA 1614 0E	14-16
50GA 1616 0	14-11
50GA 1617 0	14-12
50GA 1618 0F	14-17
50GA 1619 1	14-3
50GA 1620 0E	14-15
50GA 1640 1E	16-32
50GA 1703 0	15-12
50GA 1751 0	15-16
50GA 1752 0	15-14
50GA 1753 0	15-15
50GA 1760 1E	15-8
50GA 1811 1G	16-4
50GA 1822 0D	16-10
50GA 1824 1E	16-14
50GA 1841 0	16-9
50GA 1842 0	16-12
50GA 1843 0	16-11
50GA 1851 0	16-1
50GA 1852 3I	16-5
50GA 1853 2G	16-8
50GA 1854 2G	16-17
50GA 1855 2G	16-13
50GA 1856 0	12-8
50GA 1857 0	12-9
50GA 1858 0E	12-10
50GA 1859 2G	16-16
50GA 2007 0	20-3
50GA 2035 0E	17-3
50GA 2104 00	12-24
50GA 2501 00	14-14
50GA 2506 0	21-8
50GA 2509 0	21-17

Parts No.	Page No.
50GA 2604 0	22-7
50GA 2606 0E	22-13
50GA 2607 0F	22-6
50GA 2619 1E	22-2
50GA 3014 0	24-6
50GA 3015 0	24-1
50GA 3017 0	24-26
50GA 3018 0	24-20
50GA 3071 0	3-13
50GA 3074 0	2-15
50GA 3157 0	23-7
50GA 3160 0	23-6
50GA 3161 0	23-5
50GA 3208 0	26-20
50GA 3210 2I	28-2
50GA 3211 1F	29-16
50GA 3223 0	29-6
50GA 3251 0	26-8
50GA 3252 0	26-2
50GA 3253 0	26-5
50GA 3270 0	26-4
50GA 3271 0	25-2
50GA 3272 0	25-3
50GA 3282 2F	27-11
50GA 3285 1	27-8
50GA 3302 0	29-12
50GA 3303 0	29-1
50GA 3304 0	28-7
50GA 3305 0E	29-15
50GA 3306 0E	28-5
50GA 3307 1	29-4
50GA 3308 0E	28-1
50GA 3309 1E	28-6
50GA 3310 0	27-14
50GA 3311 0	27-12
50GA 3312 0	27-10
50GA 3313 0	29-13
50GA 3314 0	29-10
50GA 3315 2F	28-4
50GA 3316 1E	29-8

Parts No.	Page No.
50GA 3317 0E	29-5
50GA 3318 2	28-3
50GA 3319 0	28-8
50GA 3321 0	28-10
50GA 3322 0	26-11
50GA 3323 0E	26-3
50GA 3324 0	29-2
50GA 3325 0	29-11
50GA 3326 0	27-13
50GA 3332 0	28-11
50GA 3333 0	29-9
50GA 3813 0	38-25
50GA 3848 0	38-10
50GA 3849 0	38-9
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50GA 3858 1F	38-6
50GA 3861 0	38-14
50GA 3865 0E	38-11
50GA 3867 0E	38-24
50GA 3868 0E	38-15
50GA 3869 1F	38-8
50GA 3870 0E	38-4
50GA 3875 0D	38-3
50GA 3879 0	38-13
50GA 4001 0	32-3
50GA 4002 0	32-22
50GA 4003 0	32-21
50GA 4005 0	33-18
50GA 4006 00	34-21
50GA 4007 00	34-20
50GA 4008 00	42-10
50GA 4009 00	42-9
50GA 4402 0	39-21
50GA 4406 0	39-2
50GA 4407 0	39-10
50GA 4410 0E	39-23
50GA 4508 0	41-9
50GA 4509 0	41-27
50GA 4521 0D	41-7
50GA 4522 1	41-4

	5/6
Parts No.	Page No.
50GA 4527 0	41-26
50GA 4528 0	41-21
50GA 4531 1	41-18
50GA 4532 0	41-17
50GA 4533 0	41-5
50GA 4535 1	41-6
50GA 4539 0	41-20
50GA 4553 0	41-8
50GA 4558 0	41-15
50GA 4559 0	41-16
50GA 4565 0	41-25
50GA 4569 1E	14-8
50GA 4570 0	47-14
50GA 4571 0	41-2
50GA 4572 0	47-15 41-14
50GA 4573 0	41-14
50GA 4574 0	41-13
50GA 4575 0	41-12
50GA 5001 0	44-4
50GA 5001 0	46-18
50GA 5003 0	47-11
50GA 5004 1F	48-3
50GA 5006 0	47-19
50GA 5007 0	47-13
50GA 5008 0	47-20
50GA 5009 0	48-12
50GA 5010 0	47-7
50GA 5011 0	47-10
50GA 5012 0	43-2
50GA 5014 0	48-13
50GA 5015 0	48-14
50GA 5016 0	43-6
50GA 5017 0	43-20
50GA 5019 0	2-11
50GA 5020 0	3-6
50GA 5021 0	3-8
50GA 5022 0	2-9
50GA 5023 0	3-5
50GA 5024 0	3-7
50GA 5027 0	48-5

Donto No	Dona No
Parts No.	Page No.
50GA 5028 0	48-1
50GA 5031 0	43-1
50GA 5033 0	43-17
50GA 5035 0	44-7
50GA 5039 0	3-1
50GA 5040 0	47-18
50GA 5041 0	46-22
50GA 5043 0	47-21
50GA 5045 0	48-2
50GA 5047 0E	47-2
50GA 5048 0	47-9
50GA 5049 0	47-6
50GA 5051 0	47-4
50GA 5053 0	47-1
50GA 5055 0	44-16
50GA 5056 0E	47-5
50GA 5057 0	44-15
50GA 5058 00	43-16
50GA 5061 00	43-12
50GA 5062 00	48-9
50GA 5303 0	49-4
50GA 5304 0	49-13
50GA 5307 0	49-14
50GA 5308 0	49-11
50GA 5330 0D	51-5
50GA 5336 0	50-18
50GA 5343 0	54-6
50GA 5347 0	54-13
50GA 5351 0	54-3
50GA 5359 0	49-12
50GA 5360 0	49-10
50GA 5365 1E	50-19
50GA 5366 0	3-12
50GA 5378 0	50-15
50GA 5389 0	49-15
50GA 5390 0	49-9
50GA 5404 0	51-13
50GA 5405 0	50-14
50GA 5406 0	49-7
50GA 5417 0	51-9

Parts No.	Page No.
50GA 5429 0	51-8
50GA 5442 0	50-11
50GA 5450 0	50-5
50GA 5451 0	50-8
50GA 5452 0	50-2
50GA 5453 0	50-4
50GA 5454 0	49-3
50GA 5460 0	54-4
50GA 5461 1	52-34
50GA 5462 0	52-35
50GA 5463 0	52-36
50GA 5464 0E	50-9
50GA 5465 0	4-9
50GA 5466 0	4-8
50GA 5467 0	4-7
50GA 5468 0	4-10
50GA 5469 0	51-23
50GA 5470 0	51-22
50GA 5471 0	54-19
50GA 5472 1	54-17
50GA 5473 1E	51-19
50GA 5474 0	50-12
50GA 5481 0	52-37
50GA 5482 0	52-21
50GA 5483 0D	51-17
50GA 5484 0	51-15
50GA 5485 0	51-14
50GA 5486 0E	53-15
50GA 5487 0	52-31
50GA 5488 0	54-20
50GA 5492 0	52-32
50GA 5493 1E	51-18
50GA 5494 0	50-7
50GA 5495 0	53-10
50GA 6111 0	9-3
50GA 6112 0	9-14
50GA 6120 0	10-24
50GA 6122 0	10-16
50GA 6182 0	5-9
50GA 6211 0	9-15

Parts No.	Page No.
50GA 6212 0	9-20
50GA 6214 0	9-10
50GA 6251 0E	9-11
50GA 6252 0	9-2
50GA 6258 0	9-21
50GA 6259 0	9-19
50GA 6271 01	55-15
50GA 7227 00	53-13
50GA 7296 00	51-16
50GA 7334 0	58-1
50GA 7337 1	57-11
50GA 7338 1	57-4
50GA 7339 0	57-19
50GA 7341 0	56-3
50GA 7342 0	56-19
50GA 7343 0	56-10
50GA 7344 0	57-8
50GA 7346 0E	57-16
50GA 7347 0	56-4
50GA 7348 1	56-5
50GA 7349 1	56-6
50GA 7350 0	56-13
50GA 7351 0	56-14
50GA 7355 0	57-17
50GA 7359 0	56-11
50GA 7376 1	56-7
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50GA 8051 0	4-6
50GA 8052 0	57-13
50GA 8202 0	33-19
50GA 8202 0	38-22
50GA 8203 0	46-9
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50GA 8451 0	56-1
50GA 8601 00	40-2
50GA 9002 0	66-1
000A 300Z 0	UU- I

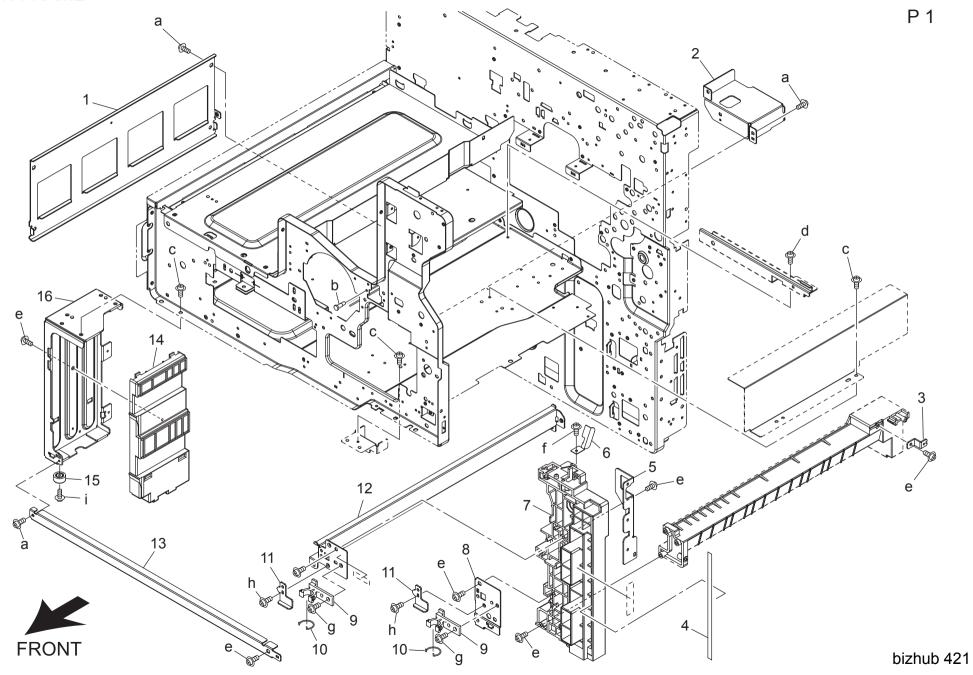
Page No. 63-1
61-1
61-2
65-1
65-2
65-3
61-3
61-4
61-5
61-6
61-7
66-2
61-8
65-5
61-9
62-1
62-2
65-4
64-7
62-3
62-4
64-1
64-2
64-3
62-5
62-6
62-7
62-8
63-2
48-7
52-28
52-29
52-27
38-16
17-1
49-2
49-1
28-4
49-2
49-1

	0/0
Parts No.	Page No.
50GF 3315 2F	28-4
50GF 8302 1 50GF 8303 1	49-2
	49-1
50GF 8451 1	56-1
56AA 1783 0	22-4
56AA 8551 1	9-7
56AA 8553 1	8-3
56QA 7507 0	10-25
56UA 9792 0	8-15
56UA 9792 0	24-32
56UA 9792 0	41-24
57AA 8203 0	38-19
5850 9705 0	58-3
65AA 1130 0	56-8
6852 8604 0	57-6
9313 1100 33	39-9
9313 1100 33	47-12
9314 1200 91	39-11
9321 2200 32	39-15
9322 1500 12	16-24
9322 1500 12	33-30
9326 1910 31	37-15
9332 5710 11	2-23
9334 2610 12	8-17
9335 1300 61	9-8
9335 1300 61	29-3
9335 1300 61	46-4
9335 1300 61	53-6
9373 2200 11	8-21
9381 4101 11	57-5
9381 4101 31	57-5
9381 4300 41	57-5
9384 1600 11	70-5
9384 1600 11	71-7
9J06 M103 00	55-8
9J06 M200 00	36-21
9J06 M201 00	36-10
A00J 1682 02	5-2
A00J 1685 02	5-3
A00J 1689 02	5-1

Parts No.	Page No.	Parts No.	Page No.	Parts No.	Page No.	Parts No.	Page No.	Parts No.	Page No.
A00J 1691 00	5-5	A0R5 1012 01	2-20	A0R5 1707 01	5-16	A0R5 8251 00	44-8	V500 0100 04	69-5
A00J 1699 01	71-6	A0R5 1016 00	2-3	A0R5 1708 01	6-7	A0R5 8703 00	39-20	V500 0100 05	69-26
A00J 1919 00	7-10	A0R5 1017 00	2-6	A0R5 1711 00	6-18	A0R5 8704 00	39-1	V500 0100 07	69-25
A00J 6234 00	42-17	A0R5 1029 00	71-2	A0R5 1712 00	71-5	A0R5 8705 00	39-3	V500 0100 08	69-2
A00J 9437 00	71-15	A0R5 1032 00	2-8	A0R5 1713 00	5-15	A0R5 8711 00	39-8	V500 0100 20	69-12
A00J 9455 00	71-13	A0R5 1033 00	2-5	A0R5 1714 00	6-13	A0R5 8820 00	39-7	V500 0100 22	69-1
A00J H00E 00	5-4	A0R5 1126 00	1-7	A0R5 1715 00	6-11	A0R5 9421 01	35-22	V500 0100 26	69-17
A02E 1683 00	7-22	A0R5 1137 00	2-18	A0R5 1716 00	6-14	A0R5 9421 01	44-11	V500 0100 28	69-18
A02E 1694 00	7-18	A0R5 1354 00	58-18	A0R5 1719 00	6-24	A0R5 9422 00	6-21	V500 0100 29	69-19
A02E 1911 00	7-7	A0R5 1356 00	58-7	A0R5 1761 01	6-12	A0R5 9426 00	5-12	V500 0100 35	69-38
A02E 1912 00	7-16	A0R5 1357 00	58-16	A0R5 1762 00	6-5	A0R5 9428 00	45-2	V500 0100 46	69-10
A02E 1913 02	7-5	A0R5 1361 00	58-13	A0R5 2650 00	8-16	A0R5 9430 00	37-24	V500 0100 47	69-33
A02E 1914 02	7-11	A0R5 1362 00	58-14	A0R5 2651 00	7-6	A0R5 9434 01	42-47	V500 0100 61	69-11
A02E 1915 02	7-12	A0R5 1363 00	6-9	A0R5 2653 00	8-7	A0R5 9435 01	42-46	V500 0200 05	69-14
A02E 1916 01	7-4	A0R5 1364 00	6-8	A0R5 2654 00	8-6	A0R5 A162 00	6-19	V500 0200 10	69-28
A02E 1917 01	7-15	A0R5 1374 00	58-9	A0R5 2657 00	8-8	A0R5 A620 02	42-18	V500 0200 27	69-40
A02E 1918 00	7-17	A0R5 1388 00	8-19	A0R5 5611 00	34-1	A0R5 H010 06	58-6	V500 0200 29	69-37
A02E 1921 01	7-20	A0R5 1389 01	8-18	A0R5 5630 00	34-28	A0R5 H030 00	8-20	V500 0200 55	69-39
A02E 1922 01	7-25	A0R5 1601 00	6-15	A0R5 6008 00	37-25	A0R5 M103 00	12-2	V501 0100 01	69-29
A02E 1923 01	7-24	A0R5 1603 00	6-10	A0R5 6009 00	35-1	A0R5 M103 00	13-1	V501 0100 06	69-27
A02E 1924 00	7-19	A0R5 1604 00	5-6	A0R5 6010 00	37-2	A0R5 M103 00	15-1	V501 0100 09	70-4
A02E 1925 00	7-23	A0R5 1605 00	6-4	A0R5 6011 00	37-4	A0R5 M710 00	7-26	V501 0100 12	69-32
A02E 1926 01	7-21	A0R5 1607 00	6-6	A0R5 6023 00	37-22	A0R5 N100 00	59-5	V502 0100 17	70-1
A02E 1927 01	7-9	A0R5 1608 00	6-23	A0R5 6025 00	35-7	A0R5 N101 00	59-6	V502 0100 44	69-34
A02E 1928 01	7-1	A0R5 1621 00	5-14	A0R5 6026 00	37-16	A0R5 N105 00	59-3	V502 0100 45	69-35
A02E 1930 00	7-3	A0R5 1623 00	5-8	A0R5 6042 00	35-21	A0R5 R700 00	11-1	V502 0100 46	69-36
A02E 1931 01	7-8	A0R5 1624 00	5-7	A0R5 6059 00	37-23	A0R5 R701 00	30-1	V502 0100 54	58-10
A02E 1932 01	7-14	A0R5 1625 00	5-13	A0R5 6066 00	37-6	A0R5 R703 00	35-27	V570 0100 07	69-15
A02E 1933 00	7-13	A0R5 1634 00	6-26	A0R5 6108 01	37-29	A0R5 R704 00	35-27	V570 0100 08	69-16
A02E 1934 00	7-2	A0R5 1641 00	42-44	A0R5 6221 00	42-40	A0R5 R705 00	35-27	V570 0100 12	69-23
A02E 2639 00	2-7	A0R5 1651 00	42-45	A0R5 6299 00	42-42	A0R5 R707 00	9-1	V570 0100 21	69-30
A02E 9412 00	42-43	A0R5 1674 00	6-3	A0R5 8102 00	47-8	A0R6 9451 01	6-25	V570 0100 23	69-6
A02E 9481 00	7-27	A0R5 1675 01	6-1	A0R5 8105 00	48-11	A0RA 1701 01	71-14	V570 0100 26	69-7
A02E 9482 00	7-27	A0R5 1676 00	6-17	A0R5 8129 00	44-2	SP00 -011 2	50-10	V570 0100 27	69-8
A02E 9483 00	7-27	A0R5 1677 00	71-3	A0R5 8130 00	44-10	V116 0306 03	71-12	V570 0100 28	69-9
A02E 9486 00	7-29	A0R5 1678 01	6-2	A0R5 8136 00	45-1	V121 0306 03	71-10	V570 0100 31	69-31
A02E 9487 00	7-29	A0R5 1679 00	6-16	A0R5 8137 00	43-8	V121 0308 04	71-11	V570 0100 39	69-4
A02E 9490 00	7-28	A0R5 1680 00	71-4	A0R5 8138 00	46-21	V123 0450 03	71-9	V570 0100 50	69-13
A02E 9491 00	7-28	A0R5 1681 01	5-18	A0R5 8206 00	46-1	V137 0308 04	71-8	V590 0400 02	57-20
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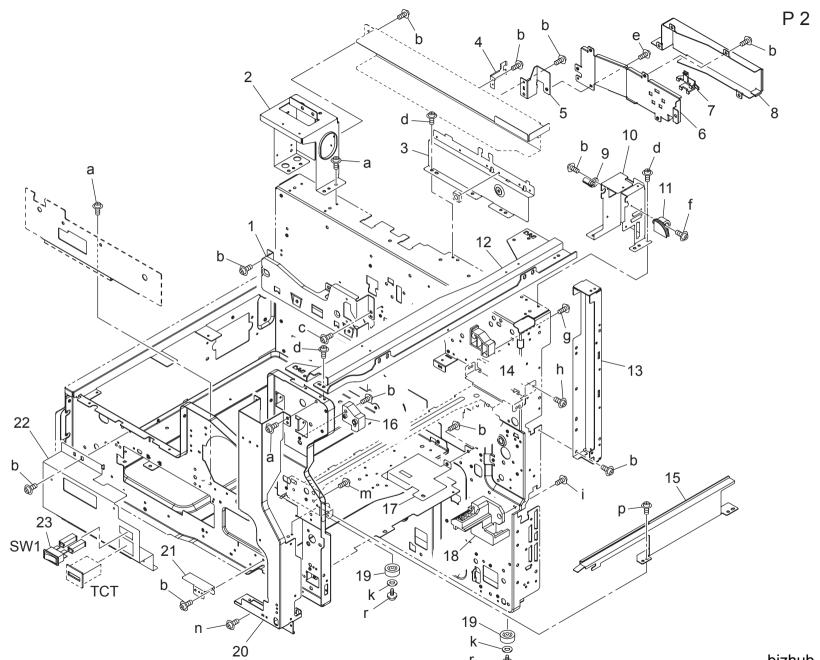
Parts No.	Page No.
V651 0100 05	70-2
V651 0200 01	70-3

MAIN FRAME



Key	Part No.		Description	Destinations	Class	QTY	Standard parts
		DEILIEGE DI ATE	•	Destinations		·	-
1	4030 2006 01	REINFORCE PLATE	補強板		D	1	a-V137 0306 03
2	4030 2042 02	BRACKET	取付板		D	1	b-1079 2219 01 c-V144 0306 03
3	4030 2011 01	BRACKET	取付板		D	1	d-V121 0306 03
4	4030 7315 01	LABEL	ラベル		D	1	e-V/153 0410 03
5	4030 2010 01	BRACKET	取付板		D	1	f-V153 0308 03 g-V137 0408 03 h-V116 0308 03
6	1164 2155 01	CONTACT	接点		С	1	g-V137 0408 03
7	A0R5 1126 00	Support Part	支持部材		D	1	i-V116 0308 03
8	4030 2041 02	BRACKET	取付板		D	1	1-7 135 03 10 03
9	4040 6205 00	Holder	ホルダ		D	2	
0	4348 6206 00	Stop ring	止め輪		D	2	
1	4030 2038 02	STOPPER	ストッパ		D	2	
2	4030 2029 02	RAIL	レール		D	1	
13	4030 2007 01	REINFORCE PLATE	補強板		D	1	
14	4030 2008 02	RAIL	レール		D	1	
	4030 2081 01	SPACER	スペーサ		D	1	
16	4030 2005 02	REINFORCE PLATE	補強板		D	1	
10	4030 2003 02	INCINI ONCE I EATE	THUE 1X			'	
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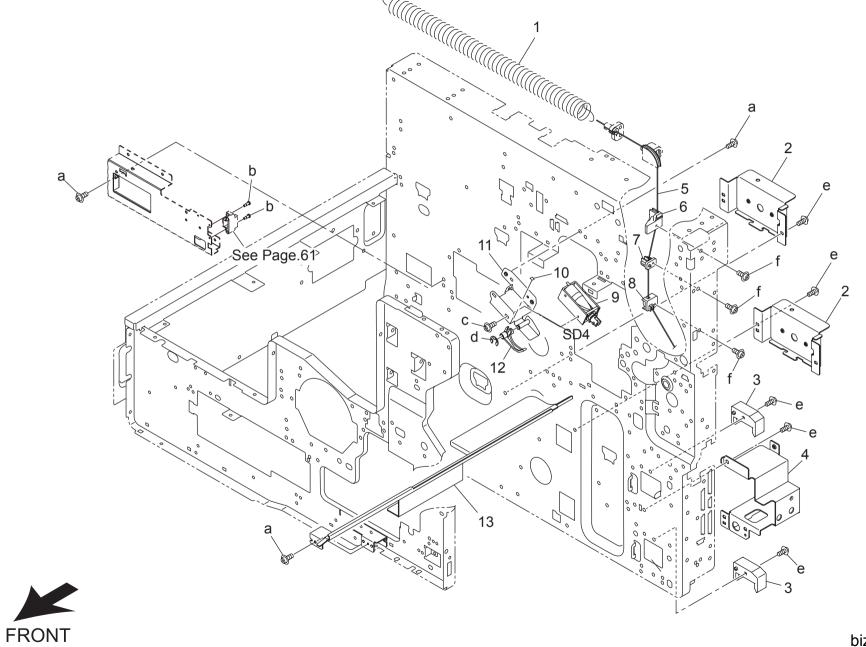
MAIN FRAME



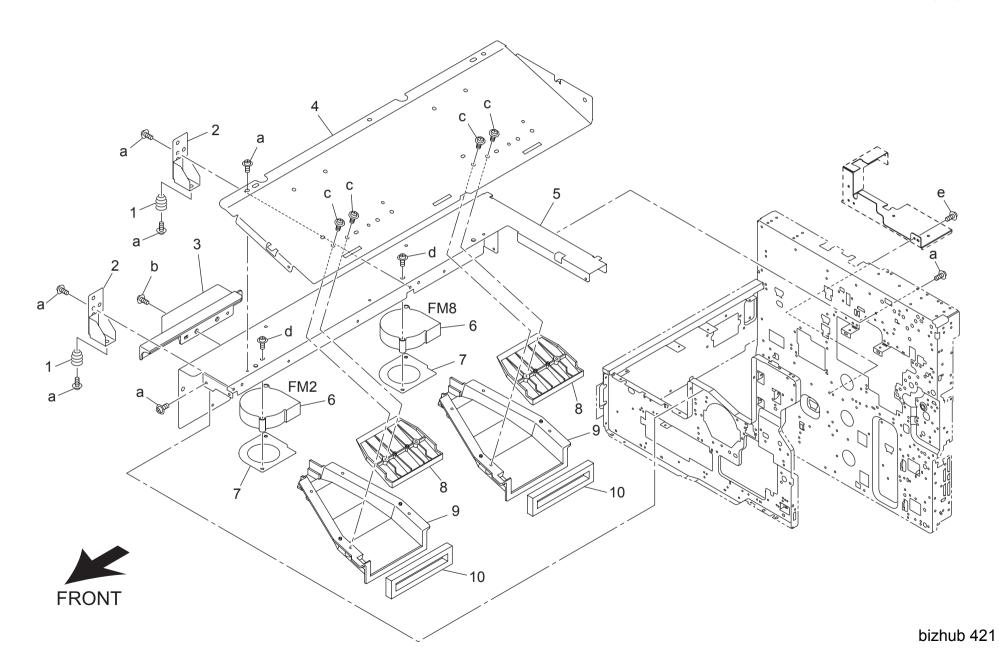


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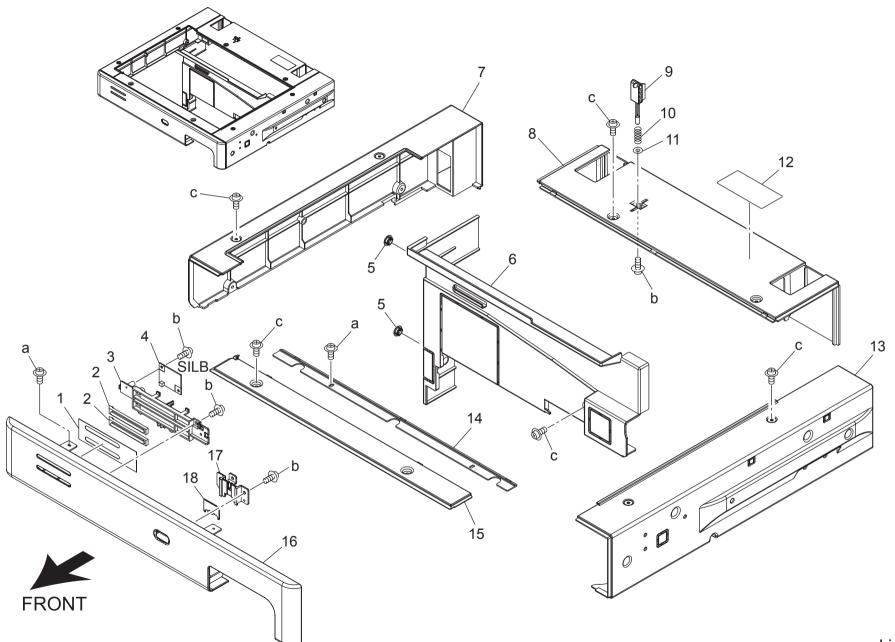
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	4030 2018 01	BRACKET	•	Dodinations	D	1		
1			取付板		_	1	a-V144 0306 03 b-V121 0306 03	
2	50GA 1013 0	READ MOUNTING PEDESTAL /LEFT	読取取り付け台/左		D		c-V137 0308 03	
3	A0R5 1016 00	Board Mounting Stay /Rear	基板取り付けステー/奥		D	1	d-V137 0306 03	
4	50GA 1030 0	EXTERNAL SUPPORT PLATE /1	外装支持板/1		D	1	e-V121 0306 04	
5	A0R5 1033 00	Holding Plate /C	押さえ板/ C		D	1	f-V121 0314 03	
6	A0R5 1017 00	Holding Plate /A	押さえ板/ A		D	1	g-V151 0408 03 h-V121 0304 03	
7	A02E 2639 00	Cord clamp	コード押え(パネルハーネス)		D	1	h-V121 0304 03	
			押さえ板/ B				i-V153 0410 03	
8	A0R5 1032 00	Holding Plate /B			D		k-V207 0300 01	
9	50GA 5022 0	WIRE SUPPORT PART 4	ワイヤー支持部材 4		С	1	m-V123 0306 0	
10	50GA 1014 0	READ MOUNTING PEDESTAL /RIGHT	読取取り付け台/右		D	1	n-V153 0408 03	
Ι1	50GA 5019 0	WIRE SUPPORT PART 1	ワイヤー支持部材 1		С	1	p-V144 0306 03	
2	50GA 1021 0	READ MOUNTING STAY	読取取り付けステー		D	1	r-V137 0310 03	
3	50GA 1015 0	BOARD MOUNTING STAY /RIGHT	基板取り付けステー/右		D	1		
4	50GA 1019 0	ADU LOCK PART/REAR	ADU ロック部材/奥		C	1		
5	50GA 3074 0	DEVELOPING RAIL /LEFT	現像 レール/左		D	1		
6	50GA 1018 0	ADU LOCK PART/ FRONT	ADU ロック部材/前		С	1		
7	50GA 1010 0	REINFORCE STAY /2	補強ステー/2		D	1		
8	A0R5 1137 00	Holder	ホルダ		D	1		
9	4030 2080 01	RUBBER FOOT	ゴム足		D	2		
)	A0R5 1012 01	Reinforce Stay /4	補強ステー/ 4		D	1		
<u>0</u> 1					D	1	-	
	50GA 1024 0	MOUNTING PLATE /1	取り付け板/1					
2	50GA 1011 0	REINFORCE STAY /3	補強ステー/3		D	1		
3	9332 5710 11	SWITCH	スイッチ		С	1		
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						Page. 3	
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
		ADU HOLDING SPRING BRACKET GUIDE BRACKET ADU STOPPER WIRE WIRE SUPPORT PART 2 WIRE SUPPORT PART 3 ADU SOLENOID SHAFT ASSY SOLENOID MOUNTING PLATE CAULKI SOLENOID ACTUATOR DEVELOPING RAIL /RIGHT	Description A D U 押えパネ 取付板 ガイド 取付板 A D U 突き当てワイヤー ワイヤー支持部材 2 ワイヤー支持部材 3 A D U ソレノイド軸部組 ソレノイド取り付け板カシメ ソレノイドアクチェタ 現像 レール/右	Destinations	Class C D D D C C C C D D D D D D D D D D	QTY 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

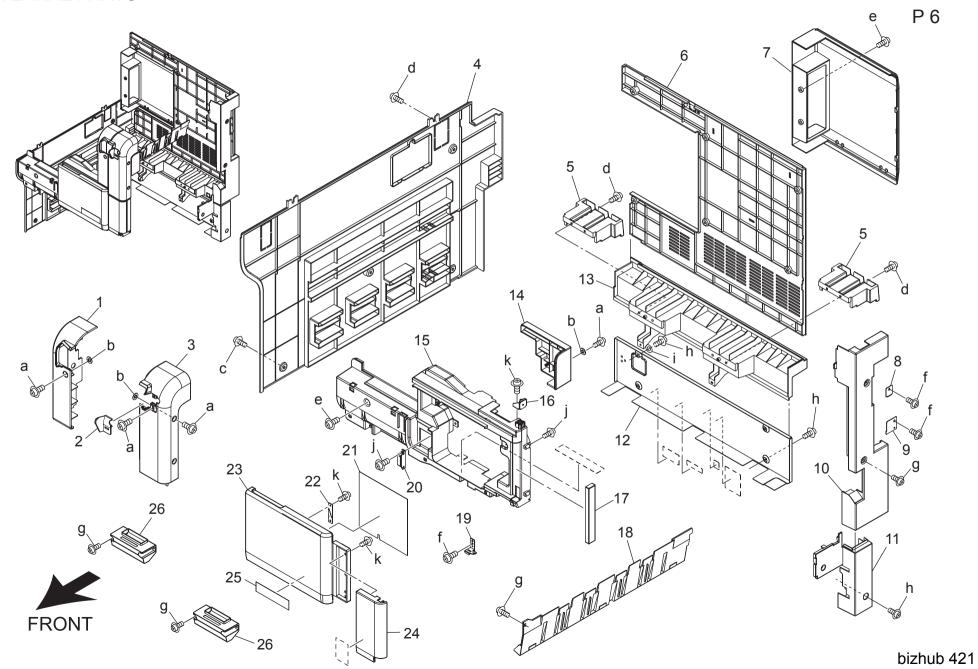


141/ /	IN FRAIVIE						Page. 4
Key	Part No.	Des	cription	Destinations	Class	QTY	Standard parts
1 2 3 4 5 6 7 8 9	26NA 6529 0 26NA 6528 0 50GA 1023 0D 50GA 1007 0E 50GA 1006 0 50GA 8051 0 50GA 5467 0 50GA 5466 0 50GA 5466 0 50GA 5468 0	WRITING MOUNT SPRING WRITING MOUNT PART Guide Part /F Reinforce Stay /B SUPPLY STAY /A COOLING FAN MOTOR FAN MOUNTING PLATE ROLLER COOLING DUCT 4 ROLLER COOLING DUCT 3 SEALING PART	書込み取り付けバネ 書込み取り付け部材 ガイド部材/ F 補強ステー/ B 補給ステー/ A 冷却ファンモータ ファン取り付け板 ローラ冷却ダクト 4 ローラ冷却ダクト 3 シール部材		D D D D D D D D D D D D D D D D D D D	2 2 1 1 1 2 2 2 2 2 2	a-V121 0306 03 b-V121 0306 04 c-V151 0308 03 d-V121 0320 03 e-V137 0306 03



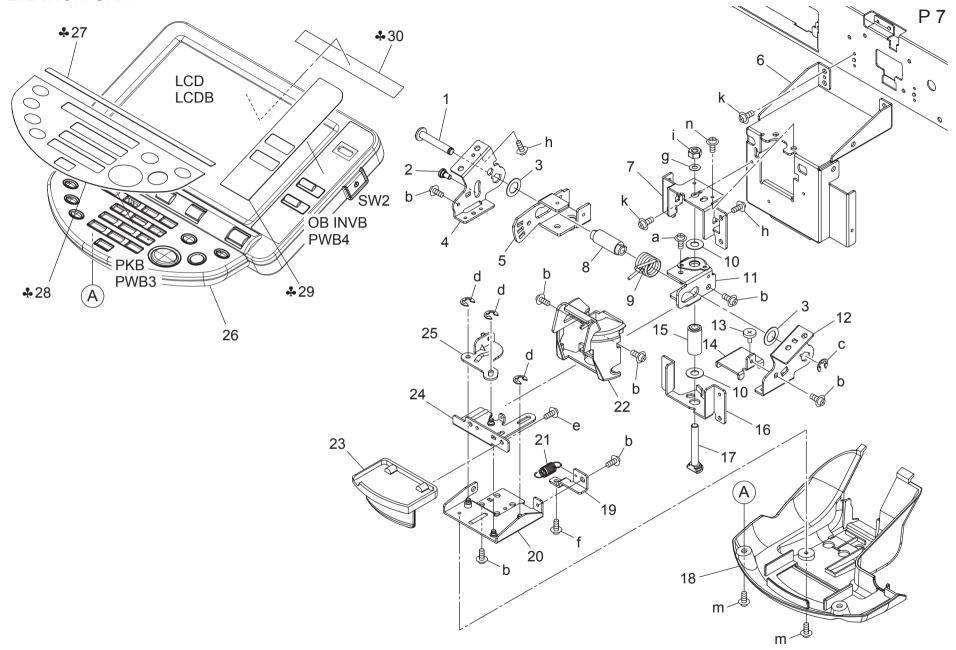
Key Part 1 A00J 1689 2 A00J 1682 3 A00J 1685 4 A00J H00E 5 A00J 1691 6 A0R5 1602 7 A0R5 1622 8 A0R5 1623 9 50GA 618 10 26NA 6213 11 26NA 1255 12 A0R5 9426	02 Light blocking Plate 02 Lens /B 02 Light blocking Cover /C 00 PWB Assembly LED2 00 Cover 00 Cover /Rear 00 Read Cover /Left 00 Read Cover /Rear 00 ADF DETECTION ACTUATOR 0 DETECTING SPRING	Description 遮光板 レンズ/ B 遮光カバー/ C 基板 A S S Y L E D 2 蓋 カバー/奥 読取カバー/左 読取カバー/タ A D F 検知アクチェタ	Destinations	Class C C D C C C C C C C C C C C C C C C C	QTY 1 2 1 1 2 1 1 2	Standard parts a-V121 0306 03 b-V151 0308 03 c-V121 0306 04
2 A00J 1682 3 A00J 1685 4 A00J H00E 5 A00J 1691 6 A0R5 1602 7 A0R5 1622 8 A0R5 1623 9 50GA 6183 10 26NA 6213	02 Lens /B 02 Light blocking Cover /C 00 PWB Assembly LED2 00 Cover 00 Cover /Rear 00 Read Cover /Left 00 Read Cover /Rear 0 ADF DETECTION ACTUATOR 0 DETECTING SPRING	レンズ/ B 遮光カパー/ C 基板 A S S Y L E D 2 蓋 カバー/奥 読取カバー/左 読取カバー/奥 A D F 検知アクチェタ		C D I C C C	2 1 1 2	a-V121 0306 03 b-V151 0308 03 c-V121 0306 04
3 A00J 1685 4 A00J H00E 5 A00J 1691 6 A0R5 1602 7 A0R5 1622 8 A0R5 1623 9 50GA 6183 10 26NA 6213 11 26NA 1258	02 Light blocking Cover /C 100 PWB Assembly LED2 00 Cover 00 Cover /Rear 00 Read Cover /Left 00 Read Cover /Rear 10 ADF DETECTION ACTUATOR 0 DETECTING SPRING	遮光カバー/ C 基板 A S S Y L E D 2 蓋 カバー/奥 読取カバー/左 読取カバー/奥 A D F 検知アクチェタ		D I C C C	1 1 2	c-V121 0306 04
4 A00J H00E 5 A00J 1691 6 A0R5 1602 7 A0R5 1622 8 A0R5 1623 9 50GA 6182 10 26NA 6213 11 26NA 1258	00	基板 ASSY LED 2 <u>蓋</u> カパー/奥 読取カバー/左 読取カパー/奥 ADF 検知アクチェタ		C C C	1 2	C-V121 0300 04
5 A00J 1691 6 A0R5 1604 7 A0R5 1624 8 A0R5 1623 9 50GA 6182 10 26NA 6213	00 Cover 00 Cover /Rear 00 Read Cover /Left 00 Read Cover /Rear 0 ADF DETECTION ACTUATOR 0 DETECTING SPRING	<u>蓋</u> カパー/奥 読取カパー/左 読取カパー/奥 A D F 検知アクチェタ		C	2	
6 A0R5 1604 7 A0R5 1624 8 A0R5 1623 9 50GA 6182 10 26NA 6213 11 26NA 1255	00 Cover /Rear 00 Read Cover /Left 00 Read Cover /Rear 10 ADF DETECTION ACTUATOR 0 DETECTING SPRING	カバー/奥 読取カバー/左 読取カバー/奥 ADF 検知アクチェタ		C		
7 A0R5 1624 8 A0R5 1623 9 50GA 6182 10 26NA 6213 11 26NA 1255	00 Read Cover /Left 00 Read Cover /Rear 0 ADF DETECTION ACTUATOR 0 DETECTING SPRING	読取カバー/左 読取カバー/奥 ADF 検知アクチェタ		С	1	
8 A0R5 1623 9 50GA 6182 10 26NA 6213 11 26NA 1258	00 Read Cover /Rear 0 ADF DETECTION ACTUATOR 0 DETECTING SPRING	読取カバー/奥 A D F 検知アクチェタ				
9 50GA 6182 10 26NA 6213 11 26NA 1255	0 ADF DETECTION ACTUATOR 0 DETECTING SPRING	ADF 検知アクチェタ		_	1	
9 50GA 6182 10 26NA 6213 11 26NA 1255	0 ADF DETECTION ACTUATOR 0 DETECTING SPRING			l C	1	
11 26NA 1255	0 DETECTING SPRING 0 SPRING REGULATING SHEET	10 t= % ±		С	1	
11 26NA 1255	0 SPRING REGULATING SHEET	検知バネ		С	1	
10 1005 0406		バネ規制シート		С	1	
12 AURO 9420	00 Label	ラベル		С	1	
13 A0R5 1625	00 Read Cover /Right	読取カバー/右		С	1	
14 A0R5 1621		部材/前		D	1	
15 A0R5 1713	00 Mounting Plate /2	取付板/2		D	1	
16 A0R5 1707	01 Read Cover /Front	読取カバー/前		C	1	
17 A0R5 1682		ガイド		C	1	
18 A0R5 1681		カバー		č	l i	
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EXTERNAL PARTS

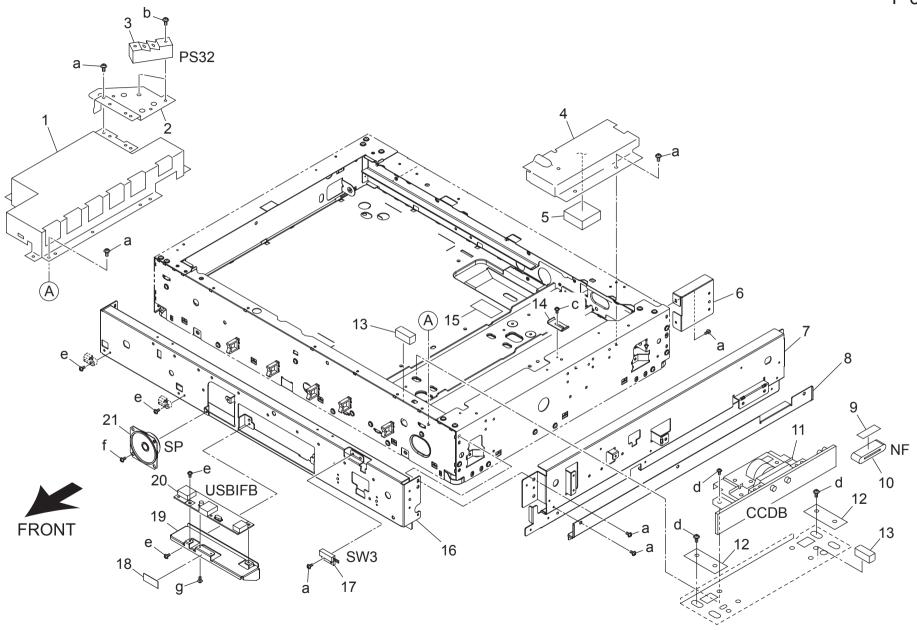


Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	A0R5 1675 01	Operation Cover /Left	操作カバー/左		С	1	a-V121 0310 03
2	A0R5 1678 01	Operation Cover /3	操作カバー/3		Č	1	h-V/211 0300 80
3	A0R5 1674 00	Operation Cover /Right	操作カバー/右		Č	1 1	c-V137 0306 04 d-V137 0310 04 e-V121 0308 04
4	A0R5 1605 00	Cover /Left	カバー/左		Č	1	d-V137 0310 04
5	A0R5 1762 00	Handle	取手		Ď	2	6-V121 0308 04
6	A0R5 1607 00	Cover /1	カバー/ 1		C	1	f-V121 0306 03 g-V121 0306 04 h-V137 0308 04
7	A0R5 1708 01	Cover	カバー		Č	1 1	h-V137 0308 04
8	A0R5 1766 01 A0R5 1364 00	Cover	カバー		D		Li-V209 0300 03
9	A0R5 1363 00	Cover	カバー		D		j-V145 0308 03 k-V151 0308 03
10			ガバー		C	1	k-V151 0308 03
	A0R5 1603 00	Rear Cover /Right	カバー			1	4
11	A0R5 1715 00	Cover			С	1 1	
12	A0R5 1761 01	Cover	カバー (背面下)		С	1	
13	A0R5 1714 00	Cover /2	カバー/2		C	1	
14	A0R5 1716 00	Auxiliary Cover /1	補助カバー/ 1		C	1	
15	A0R5 1601 00	Main body Cover /Front	本体		С	1	
16	A0R5 1679 00	Plate	板		D	1	
17	A0R5 1676 00	Cover	カバー		С	1	
18	A0R5 1711 00	Paper exit Cover /A	排紙カバー/ A		С	1	
19	A0R5 A162 00	FULCRUM PLATE ASSY	支点板 ASSY		D	1	
20	0830 2014 0	STOPPER MATERIAL	ストッパー部材		С	1	
21	A0R5 9422 00	Label	ラベル		С	1	1
22	26NA 1240 1	MAGNET PRESSURE PLATE	マグネット突き当て板		D	1	
23	A0R5 1608 00	Cover	カバー		С	1	
24	A0R5 1719 00	Cover	カバー		Č	1	
5	A0R6 9451 01	Label	ラベル (bizhub 4 2 1)		Č	1	
6	A0R5 1634 00	Front Lifting Handle	前面持ち上げ把手		C	2	1
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							-

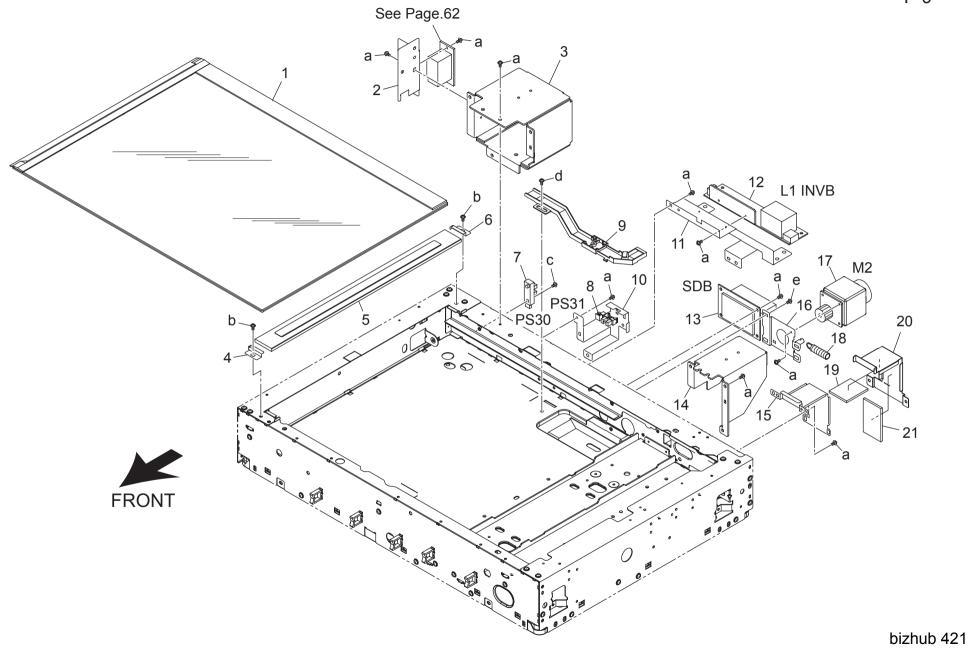
OPERATION UNIT



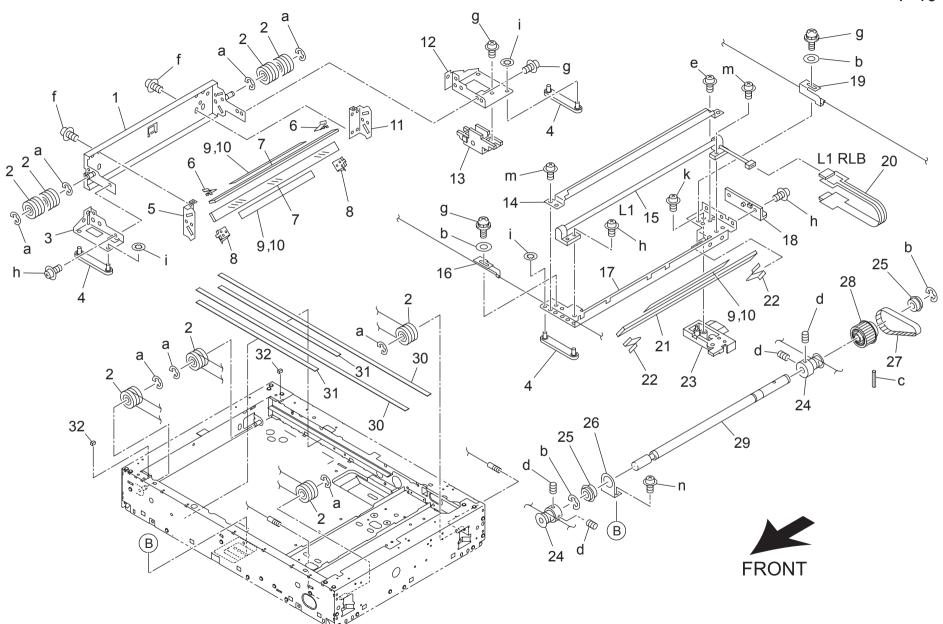
Part	No.	Description	Destinations	Class	QTY	Standard parts
A02E 1928		支柱(パネル・可動)		D	1	a-V116 0306 03
A02E 1934	Shoulder screw	段ねじ(パネルロック)		С	1	b-V137 0306 03
A02E 1930	0 00 Washer	ワッシャ(パネル・右)		С	2	c-V217 0500 01 d-V217 0300 01
A02E 1916		取付板(パネル・左)		D	1	e-V153 0308 03
A02E 1913		アーム(パネル・左)		D	1	f-V137 0308 03
A0R5 265	00 Auxiliary Plate /A	補助板/ A		D	1	g-V205 0600 03
A02E 191	00 Bracket	取付板(パネル・上)		D	1	h-V136 0308 03
A02E 193	01 Collar	カラー (パネル・2)		D	1	i-V195 0600 03 k-V121 0306 03
A02E 1927	7 01 Torsion Spring	ねじりばね		С	1	m-9646 0308 14
A00J 1919	00 Washer	ワッシャ		С	2	n-9735 0306 14
A02E 1914	02 Arm	アーム(パネル・右)		D	1	
A02E 1915	5 02 Bracket	取付板(パネル・右)		D	1	
A02E 1933	S 00 Shoulder screw	段ねじ		С	1	
A02E 1932	2 01 Reinforce Plate	補強板		D	1	
A02E 1917		カラー (パネル)		D	1	
A02E 1912		取付板(パネル・下)		D	1	
A02E 1918		支柱(パネル)		D	1	
A02E 1694		カバー (パネル・下)		C	1 1	
A02E 1924		取付板(パネル・L)		D	1 1	
A02E 192		取付板(パネル・前)		D	1	
A02E 192		対抗 (バネル・前) 引張りばね		C	1	\dashv
A02E 1920	0 1 0	カバー(パネルヒンジ・中)		C	1	
A02E 1003		取手		C	1	
-		収于 レバー		C	1	
		レバー			1	
A02E 1922				С	1	-
A0R5 M71	,	操作パネル ASSY			1	
A02E 948		パネルシート(モード・国内)	A	С	1	
A02E 9482		パネルシート(モード・北米)	B,D1,D3,E,F2,G1,G2,I,K	С	1	
A02E 9483		パネルシート(モード・欧州)	C	С	1	
A02E 9490		パネルシート(キー・国内)	A	C	1	
A02E 949		パネルシート (キー・北米)	B,D1,D3,E,F2,G1,G2,I,K	C	1	
A02E 9486		パネルシート(MMUC・国内)	A	С	1	
A02E 9487		パネルシート(MMUC・北米)	B,D1,D3,E,F2,G1,G2,I,K	С	1	
A02E 9494	Panel sheet	パネルシート(米国水銀法)	B,G2	С	1	
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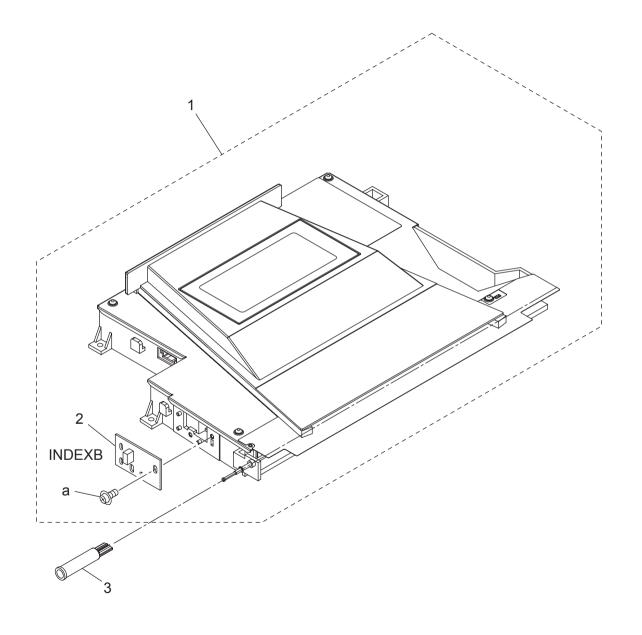
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Key	Part No.	Desc	ription	Destinations	Class	QTY	Standard parts	
1	26NA 6173 2	LENS COVER	 レンズカバー		С	1	a-V121 0306 03	
2	40LA 6114 0	MOUNTING PLATE	センサー取り付け板		D	1	b-V118 0320 03	
3	56AA 8553 1	APS SENSOR 2	APSセンサ 2		В	1	c-V121 0304 04 d-V123 0306 03	
4	26NA 6181 2	WIRING GUIDE PLATE 1	束線ガイド板 1		D	1	e-V123 0306 03 e-V118 0306 03	
5	26NA 6228 0	WIRING HOLD PART 1	束線押さえ部材 1		D	1	f-V111 0206 03	
6	A0R5 2654 00	Auxiliary Plate /C	補助板/ C		D	1	f-V111 0206 03 g-V121 0308 03	
7	A0R5 2653 00	Auxiliary Plate /B	補助板/B		D	1	3	
8	A0R5 2657 00	Auxiliary Plate /D	補助板/ D		D	1		
9	26TA 6251 0	FIXING SEAL	固定シール		Č	1 1		
10	26TA 8452 1	NOISE FILTER /1	ノイズ フィルタ/1		Č	1		
11	50GA -626 1	CCD UNIT	CCD ユニット		Ī	1		
12	40LA 6174 1	SCREW FIXING PLATE	ネジ固定板		D	2		
13	26NA 6245 1	EARTH SPRING 3	アースバネ 3		D	2		
			ガラス押え板		С			
14	26NA 6216 0	GLASS HOLDING PLATE	カフス押え似		C	1		
15	56UA 9792 0	HIGE VOLTAGE CAUTION LABEL	高圧注意ラベル			1		
16	A0R5 2650 00	Mounting Plate /A	取付板/A		D	1		
17	9334 2610 12	REED SWITCH	リードスイッチ		С	1		
18	A0R5 1389 01	Label	ラベル		D	1]	
19	A0R5 1388 00	Plate	板		D	1]	
20	A0R5 H030 00	I/F BOARD/H ASSY	I / F 基板/ H ASSY		С	1	<u> </u>	
21	9373 2200 11	LOUDSPEAKER	スピーカ		D	1		
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No. Part No. Description Destinations AORS R707 00 ORIGINAL TABLE GLASS ASSY 原稿合ガラス A S S Y AOF CONNECTOR /1 A D F コネクタ/ 1 A D F コネクタ/ 1 A D F 助付け板/左 AD F 助付け板/左 GLASS HOLDER PLATE FRONT ガラス神きえ板 前	Class C D D C C C B B D D D D D C C C C C C C	QTY 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Standard parts a-V121 0306 03 b-V121 0304 04 c-V118 0310 03 d-V123 0306 03 e-V123 0308 03
2 50GA 6252 0 ADF CONNECTOR /1 ADF MOUNTING PLATE /LEFT ADF MOUNTING PLATE /LEFT ADF MOUNTING PLATE /LEFT 方 5 ADF MOUNTING PLATE /LEFT 方 5 ADF MOUNTING PLATE /LEFT 方 5 ADF MOUNTING PLATE /LEFT 方 5 ADF MOUNTING PLATE /LEFT 方 5 ADF MOUNTING PLATE /LEFT 所 方 5 ADF MOUNTING PLATE REAR 方 5 ADF MOUNTING PLATE REAR ガラス押さえ板 奥 フォトセンサ 9 40LA 6201 0 WIRING GUIDE PART 3 東線ガイド部材 3 センサ取り付け板/2 11 50GA 6251 0 Board Mounting Plate /No.1 基板取り付け板/1 号 12 40LA 8351 3 LAMP STARTER ランブ点灯器 13 50GA -905 0 SCANNER DRIVE BOAD ASSY A + ** + ** 中駆動基板部組 ADF MOUNTING PLATE /RIGHT ADF MOU	D D C C C B B D D D D D D D	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	h-\/121 0304 04
2 50GA 6252 0 ADF CONNECTOR /1 A D F コネクタ/ 1 3 50GA 6111 0 ADF MOUNTING PLATE /LEFT	D D C C C B B D D D D D D D	1 1 1 1 1 1 1	h-\/121 0304 04
4 26NA 6130 0 GLASS HOLDER PLATE FRONT がラス押さえ板 前 50GA -628 0 ORIGINAL TABLE GLASS ASSY 2 原稿台ガラス部組/2 6 26NA 6115 0 GLASS HOLDER PLATE REAR ガラス押さえ板 奥 7 56AA 8551 1 PHOTO SENSOR フォトセンサ フォトインタラプタ 9 40LA 6201 0 WIRING GUIDE PART 3 東線ガイド都材 3 0 MOUNTING PLATE /2 センサ取り付け板/2 1 50GA 6251 0E Board Mounting Plate /No.1 基板取り付け板/1号 フェルタリカリカリカリカリカリカリカリカリカリカリカリカリカリカリカリカリカリカリカ	C C C B B D D D D D D D D D D D D D D D	1 1 1 1 1 1	c-V118 0310 03 d-V123 0306 03 e-V123 0308 03
4 26NA 6130 0 GLASS HOLDER PLATE FRONT がラス押さえ板 前 50GA -628 0 ORIGINAL TABLE GLASS ASSY 2 原稿台ガラス部組/2 6 26NA 6115 0 GLASS HOLDER PLATE REAR ガラス押さえ板 奥 7 56AA 8551 1 PHOTO SENSOR フォトセンサ フォトインタラプタ 9 40LA 6201 0 WIRING GUIDE PART 3 東線ガイド都材 3 0 MOUNTING PLATE /2 センサ取り付け板/2 1 50GA 6251 0E Board Mounting Plate /No.1 基板取り付け板/1号 フェルタ 50GA 6112 0 MOUNTING PLATE /RIGHT A D F 取り付け板/15 50GA 6112 0 ADF MOUNTING PLATE /RIGHT A D F 取り付け板/15 50GA 6211 0 WIRING GUIDE PLATE 2 東線ガイド板 2 16 40LA 6116 1E Motor Mounting Plate モータ取付板 スキャナー駆動モータ 18 40LA 6246 0 MOTOR TENSION SPRING 1 中の 50GA 6259 0 WIRING GUIDE PLATE 2 東線ガイド板 3 東線ガイド板 3 19 50GA 6251 0 WIRING GUIDE PLATE 2 東線ガイド板 3 19 50GA 6251 0 WIRING GUIDE PLATE 2 東線ガイド板 2 19 50GA 6259 0 WIRING HOLDING PART /2 東線押さ売都村/2 東線押さ売都村/2 東線押さ売都村/2 東線押さ売都村/2 東線押さ売都村/2	C C B B D D D D D	1 1 1 1 1 1 1	e-V123 0308 03
5 50GA -628 0 ORIGINAL TABLE GLASS ASSY 2 原稿台ガラス部組/2 6 26NA 6115 0 GLASS HOLDER PLATE REAR ガラス押さえ板 奥 7 56AA 8551 1 PHOTO SENSOR フォトセンサ 8 9335 1300 61 PHOTO INTERRUPTER フォトインタラプタ 9 40LA 6201 0 WIRING GUIDE PART 3 東線ガイド部材 3 10 50GA 6214 0 MOUNTING PLATE /2 センサ取り付け板/2 11 50GA 6251 0E Board Mounting Plate /No.1 基板取り付け板/1号 12 40LA 8351 3 LAMP STARTER ランプ点灯器 13 50GA -905 0 SCANNER DRIVE BOAD ASSY スキャナ駆動基板部組 14 50GA 6112 0 ADF MOUNTING PLATE /RIGHT A D F 取り付け板/右 15 50GA 6211 0 WIRING GUIDE PLATE 2 東線ガイド板 2 16 40LA 6116 1E Motor Mounting Plate モータ取付板 17 50GA 8002 0 SCANNER DRIVE MOTOR スキャナ・駆動モータ 18 40LA 6246 0 MOTOR TENSION SPRING 1 東線押さえ部材/2 20 50GA 6212 0 WIRING GUIDE PLATE 3 東線ガイド板 3	C B B D D D D D D D D D D	1 1 1 1 1 1	-
6 26NA 6115 0 GLASS HOLDER PLATE REAR ガラス押さえ板 奥 7 56AA 8551 1 PHOTO SENSOR フォトセンサ 8 9335 1300 61 PHOTO INTERRUPTER フォトインタラプタ 東線ガイド部材 3 10 50GA 6214 0 MOUNTING PLATE /2 センサ取り付け板/2 11 50GA 6251 0E Board Mounting Plate /No.1 基板取り付け板/1号 2 40LA 8351 3 LAMP STARTER ランプ点灯器 13 50GA -905 0 SCANNER DRIVE BOAD ASSY スキャナ駆動基板部組 4 50GA 6112 0 ADF MOUNTING PLATE /RIGHT ADF 取り付け板/右 15 50GA 6211 0 WIRING GUIDE PLATE 2 東線ガイド板 2 モータ取付板 17 50GA 8002 0 SCANNER DRIVE MOTOR スキャナー駆動モータ 18 40LA 6246 0 MOTOR TENSION SPRING 1 東線ガイド板 2 東線ガイド板 2 東線ガイド板 2 50GA 6212 0 WIRING GUIDE PLATE 3 東線ガイド板 3	B B D D D B I D	1 1 1 1	
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13 50GA -905 0 SCANNER DRIVE BOAD ASSY スキャナ駆動基板部組 A D F 取り付け板/右	I D D		
14 50GA 6112 0 ADF MOUNTING PLATE /RIGHT A D F 取り付け板/右	D D	1	
15 50GA 6211 0 WIRING GUIDE PLATE 2 東線ガイド板 2 16 40LA 6116 1E Motor Mounting Plate モータ取付板 17 50GA 8002 0 SCANNER DRIVE MOTOR スキャナー駆動モータ 18 40LA 6246 0 MOTOR TENSION SPRING 1 モータテンションバネ 1 19 50GA 6259 0 WIRING HOLDING PART /2 東線押さえ部材 / 2 20 50GA 6212 0 WIRING GUIDE PLATE 3 東線ガイド板 3	D D		
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21 50GA 6258 0 WIRING HOLDING PART /1 東線押さえ部材/1	D	1	
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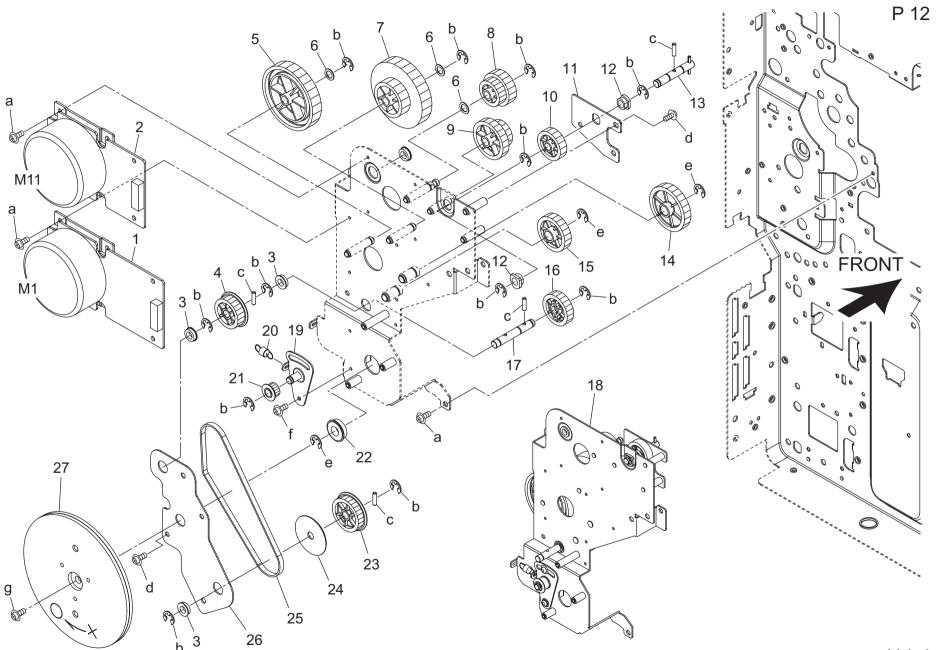
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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	26NA R711 00	MIRROR MOUNT PLATE 2 ASSY	ミラー取付板/2部組		D	1	a-V217 0400 50
2	26NA 6194 0	BEARING	ワイヤープーリ		С	8	b-V217 0600 50 c-V233 3018 50
3	26NA 6156 0	OPTICS SLIDE PLATE FRONT	光学スライド板 前		D	1	d-V193 0406 04
4	26NA 6138 0	SLIDE PART	スライド部材		D	3	l e-V121 0304 03
5	26NA 6153 1	MIRROR SUPPORT PLATE FRONT	ミラー支持板 前		D	1	f-V118 0310 03
6	26NA 6161 0	MIRROR PRESSURE SPRING 4	ミラー押圧バネ 4		С	2	g-V123 0306 03 h-V123 0308 03
7	26NA 6154 0	OPTICS MIRROR 2	光学ミラー 2		С	2	i-V226 0300 50
8	26NA 6160 0	MIRROR PRESSURE SPRING 3	ミラー押圧バネ 3		С	2	k-V151 0306 03
9	26TA 6252 1	MIRROR REINFORCE PART 1	ミラー補強部材 1		D	3	m-V118 0303 03
10	26TA 6253 0	STICKING PART1	貼り部材1		D	3	n-V121 0304 04
11	26NA 6239 1	MIRROR SUPPORT PLATE REAR	ミラー支持板の奥		D	1	
12	26NA 6155 1	OPTICS SLIDE PLATE REAR	光学スライド板奥		D	1	
13	26NA 6159 0	WIRING GUIDE PART 2	束線ガイド部材 2		D	1	
14	26NA 6137 0	REFLECT MIRROR	反射鏡		C	1	
15	40LA 8301 1	EXPOSURE LAMP	露光ランプ		A	1	
16	50GA 6122 0	OPTICAL WIRE FRONT	光学ワイヤー 前		CC	1 1	
17 18	26NA 6131 0 26NA 6206 0	MIRROR MOUNT PLATE 1 MIRROR ADJUSTING SCREW	│ミラー取り付け板 1 │ミラー調整ネジ		C D	1 1	
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19 20	40LA 6121 0 26NA -951 2E	OPTICS WIRE REAR POWERING BOARD ASSY	光学ワイヤー 奥 給電基板部組		C	1	
21	26NA 6134 0	OPTICS MIRROR 1	新电差似印料		C	1	4
22	26NA 6141 0	MIRROR PRESSURE SPRING	スチェノー・		B	2	
23	26NA 6139 0	WIRING GUIDE PART 1	束線ガイド部材 1		D	1	
23	50GA 6120 0	WIRE DRIVE PULLEY	ワイヤー駆動プーリ		C	2	
25	56QA 7507 0	BEARING/8	駆動軸受 8		C	2	
26	26NA 6175 1	PULLEY FIXED PLATE	フ゜ーリーコテイイタ (04/2)		D	1	-
27	40LA 6193 0	MOTOR BELT 160L	モータベルト 160 L		C	l i	
28	40LA 6192 0	DRIVING PULLEY 55T	駆動プーリ 55 T		Č	l i	
29	40LA 6119 0	DRIVE SHAFT	駆動軸		D	1 1	
30	40LA 6183 0	OPTICS SLIDE SHEET 1	光学スライドシート 1		D	2	
31	26NA 6184 0	OPTICS SLIDE SHEET 2	光学スライドシート 2		C	2	
32	26NA 6232 0	READING SEAL/7	読取シール/フ		D	2	
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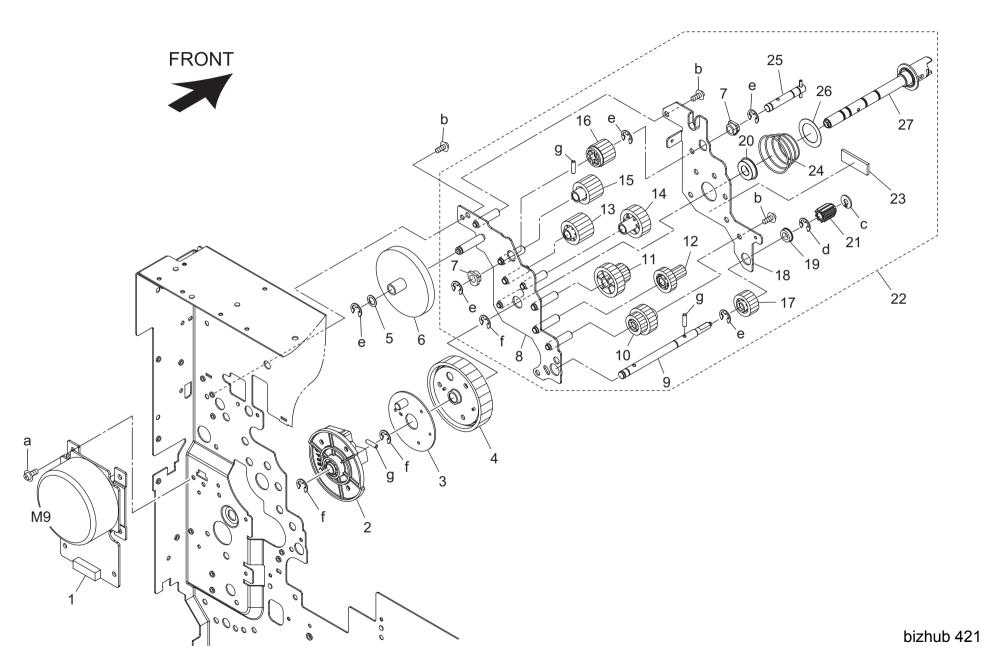
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2 3	A0R5 R700 00 26NA -909 2E 40LA 6526 0	Write Unit INDEX ASSY WRITING CLEANER KNOB	書込みユニット INDEX 検知基板部組 書込み清掃ノブ		B I C	1 1 1	a-V151 0308 03
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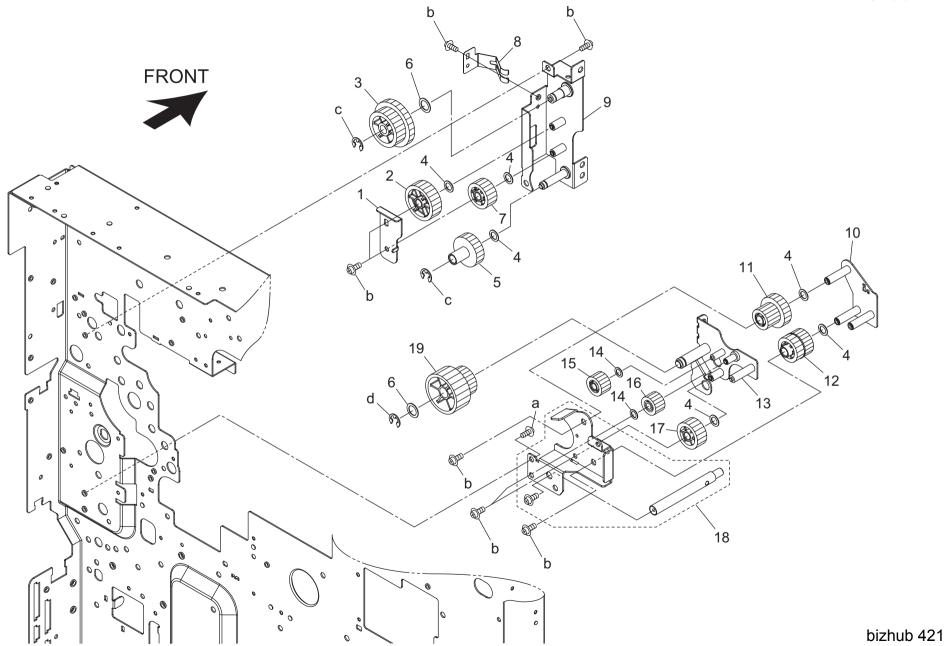


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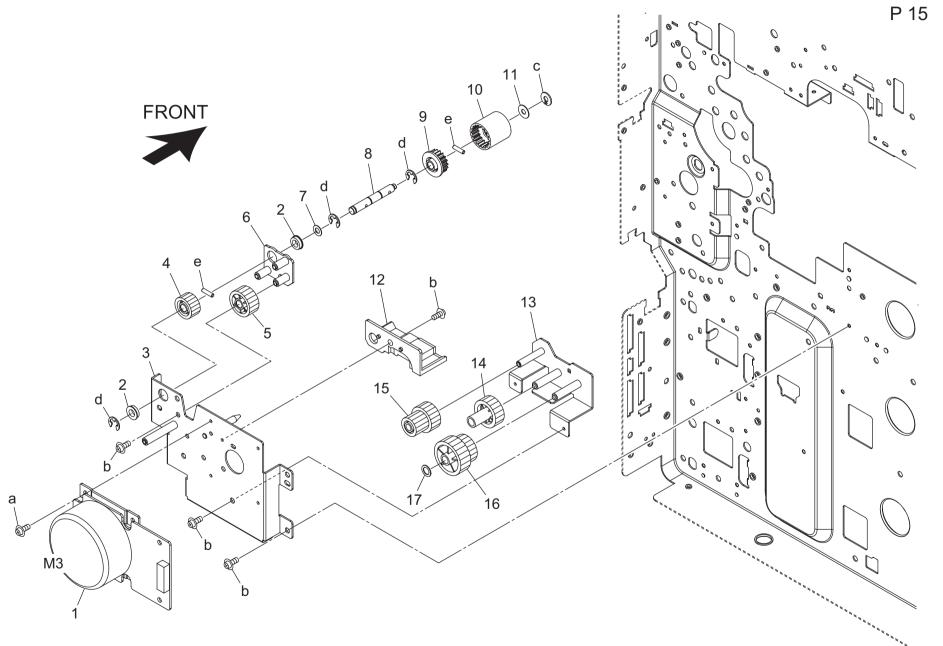
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Key	Part No.	Des	cription	Destinations	Class	QTY	Standard parts
1	27LA 8003 2E	DC BRUSHLESS MOTOR/30	DC ブラシレス モータ/30		С	1	a-V121 0304 03
2	A0R5 M103 00	DC Brushless motor /30	DC ブラシレスモータ/30		С	1	b-V217 0400 50
3	26NA 1728 0	BALL BEARING	現像駆動軸受		С	3	c-V237 2012 50
4	50GA 1566 0	DRIVE PULLEY UPPER 40T	駆動プーリ 上 40 T		С	1	d-V121 0306 03 e-V217 0600 50
5	50GA 1550 0	GEAR A 100T 30T	ギア A 100 T 30 T		С	1	f-V123 0306 03
6	1900 4141 0	PLYSLIDER 6	ポリスライダー 6		С	3	g-V123 0408 03
7	50GA 1552 0	GEAR C 102T 35T	ギア C 102 T 35 T		С	1	
8	50GA 1856 0	CONVEYANCE GEAR A 50T 27T	搬送ギア A 50T 27T		С	1	
9	50GA 1857 0	CONVEYANCE GEAR B 41T 27T	搬送ギア B 41T 27T		С	1	
10	50GA 1858 0E	CONVEYANCE GEAR /C 31T	搬送 ギア/ C 31 T		С	1	
11	50GA 1506 0	DRIVE PANEL /F	駆動 パネル/ F		D	1	
12	4660 7602 0	PAPER FEED SHAFT HOLDER	給紙送り出し軸受		В	2	
13	50GA -183 0	SHAFT ASSY	軸部組		D	1	
14	50GA 1553 0	GEAR D 45T	ギア D 45 T		С	1	
15	50GA 1554 0	GEAR E 35T	ギア E 35 T		С	1	
16	50GA 1561 0E	GEAR /I 31T	ギア/ I 3 1 T		С	1	1
17	50GA 1522 0E	Idling Shaft /B	アイドラー軸/ B		D	1	
18	50GA -157 0	RU DRIVE ASSY	RU駆動部組		C	1	
19	26NA R710 00	TENSION PLATE CAULKING	テンション板カシメ		D	1	
20	50GA 1545 0	TENSION SPRING	テンションバネ		С	1	
21	26NA 5037 0	IDLER PULLEY 18T	アイドラープーリ 18 T		C	1	1 !
22	26NA 5359 0	BALL BEARING	定着軸受下		Α	1	
23	50GA 1565 0	DEVELOPING DRIVE PULLEY LOWER 45T	現像駆動プーリ 下 45 T		С	1	
24	50GA 2104 00	Stopper Plate	ストッパプレート		D	1	
25	50GA 1541 0	BELT 296L	ベルト 296 L		C	1	
26	50GA 1547 0	DRIVE PANEL /I	駆動 パネル/ I		D	1	1
27	50GA -189 0	DRUM ROTATION PLATE ASSY	ドラム回転プレート部組		C	1	
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AppEn M103 00 CC Brushless motor / 30 D. C. グラシレスモータ/3 0 CC SOAA 1550 D. DIMPER PLATE ASSY グン・・ブレート報報 CC Rush CC CC CC CC CC CC CC	Key	Part No.		Description	Destinations	Class	QTY	Standard parts
2	1	A0R5 M103 00	DC Brushless motor /30	DC ブラシレスモータ/3.0			1	a-V121 0304 03
28NA R702 00 DRIVE PLATE COMBINED 駆動プレートカシメ C PANA 1560 0 DRUM DRIVING GEAR 108T ドラム駆動ギア 1 0 8 T							1	b-V121 0306 03
26NA 1560 0 DRUM DRIVING GEAR 108T ドラム駆動ギア 1 0 8 T C C 1900 4141 0 PLYSLIDER 6 ボリスライダー 6 C C C C C C C C C C C C C C C C C C							1	c-V221 0300 50
5 1900 4141 0 PLYSLIDER 6 ポリスライダー 6 C 6 5 GGA 1551 0 GEAR B 105T ギア B 1 0 5 T C 4 660 7602 0 PAPER FEED SHAFT HOLDER 給紙送り出し軸受 B 8 50GA -160 1E CAULKING ASSY カシメ部組 D 9 50GA 1518 1E Agitating Shaft 規拌軸 D 10 50GA 1560 0 GEAR H 19T 26T ギア H 1 9 T 2 6 T C 11 50GA 1560 0 AGITATING GEAR UPPER 17T 30T 提拌ギア L 1 7 T 3 0 T C 12 50GA 1559 0 GEAR C 22T ギア K 2 3 T C 13 50GA 1563 0 GEAR K 23T ギア K 2 3 T C 14 50GA 1564 0 GEAR L 28T ギア L 2 8 T C 15 50GA 1562 0 GEAR J 21T ボア L 2 8 T C 16 50GA 1565 0 COLLECTION GEAR 20T 回収ギア 2 0 T 17 50GA 1565 0 AGITATING GEAR 21T 提拌ギア 2 1 T 18 50GA 1563 0 DRIVE PANEL /C 駆動 がネルノ C 19 28NA 1728 0 BALL BEARING B 26 28NA 3589 0 BALL BEARING <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>d-V217 0300 50</td>							1	d-V217 0300 50
6 50GA 1551 0 GEAR B 105T							1 1	e-V217 0400 50 f-V217 0600 50
8	-						1	g-V237 2012 50
8 50GA -160 1E							2	9 1201 2012 00
9 50GA 1518 1E Agitating Shaft 撹拌軸							1	
10 50GA 1560 0 GEAR H 19T 26T							1 1	
11							1	
12 50GA 1559 0 GEAR G 22T ギア G 2 2 T							1	+
13 50GA 1563 0 GEAR K 23T ボア K 2 3 T ボア L 2 8 T C 15 50GA 1564 0 GEAR L 28T ボア L 2 8 T C 15 50GA 1562 0 GEAR J 21T ボア L 2 8 T C 15 50GA 1555 0 COLLECTION GEAR 20T ボヤア L 2 1 T C 17 50GA 1555 0 COLLECTION GEAR 21T ボヤア 2 0 T C 18 50GA 1503 0 DRIVE PANEL /C 駆動 パネル/ C 取動 パネル/ C D 19 26NA 1728 0 BALL BEARING 現像駆動軸受 C 26NA 5359 0 BALL BEARING 東京 大田							1	
14 50GA 1564 0 GEAR L 28T FT L 28T C							1	
15 50GA 1562 0 GEAR J 21T ボア J 2 1 T C 16 50GA 1555 0 COLLECTION GEAR 20T 回収ギア 2 0 T 17 50GA 1557 0 AGITATING GEAR 21T 撹拌ギア 2 1 T C 18 50GA 1503 0 DRIVE PANEL /C 駆動 パネルノ C 19 26NA 1728 0 BALL BEARING 現像駆動軸受 C 20 26NA 5359 0 BALL BEARING 定着軸受 下 A 21 26NA 1758 0 AGITATING COUPLING B 提拌カップリング B C 22 50GA -159 0 DRUM DRIVE ASSY ドラム駆動部組 C 23 50GA 1548 0 PRESSING PART 押圧部材 D 24 26NA 1520 0 COUPLING SPRING カップリングバネ B 25 50GA -154 0 SHAFT ASSY 軸部組 D 26 26NA 3087 0 SPRING SPACER バネスペーサー							1	
16 50GA 1555 0 COLLECTION GEAR 20T 回収ギア 2 0 T							1	
17 50GA 1557 0 AGITATING GEAR 21T 撹拌ギア 2.1 T 取動 パネルノ C 取動 パネルノ C 取動 パネルノ C 取動 パネルノ C 取動 パネルノ C 取動 パネルノ C 取動 パネルノ C 取動 パネルノ C 取動 パネルノ C 取動 パネルノ C 取動 パネルノ C 取動 が							1	+
18 50GA 1503 0 DRIVE PANEL /C 駆動 パネル/ C 現像駆動軸受 C 現像駆動軸受 C C EALL BEARING RE								
19 26NA 1728 0 BALL BEARING 現像駆動軸受 C 20 26NA 5359 0 BALL BEARING 定着軸受 下 A 21 26NA 1758 0 AGITATING COUPLING B 環探カップリング B C 22 50GA -159 0 DRUM DRIVE ASSY ドラム駆動部組 C 23 50GA 1548 0 PRESSING PART 押圧部材 D 24 26NA 1520 0 COUPLING SPRING カップリングパネ B 25 50GA -154 0 SHAFT ASSY 軸部組 D 26 26NA 3087 0 SPRING SPACER バネスペーサー C							1	
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21 26NA 1758 0 AGITATING COUPLING B							1	
22 50GA -159 0 DRUM DRIVE ASSY ドラム駆動部組 C 23 50GA 1548 0 PRESSING PART 押圧部材 D 24 26NA 1520 0 COUPLING SPRING カップリングバネ B 25 50GA -154 0 SHAFT ASSY 軸部組 D 26 26NA 3087 0 SPRING SPACER パネスペーサー C							1	
23 50GA 1548 0 PRESSING PART						_	1	
24 26NA 1520 0 COUPLING SPRING カップリングバネ B 25 50GA -154 0 SHAFT ASSY 軸部組 D 26 26NA 3087 0 SPRING SPACER パネスペーサー C							1	
25 50GA -154 0 SHAFT ASSY 軸部組 D 26 26NA 3087 0 SPRING SPACER パネスペーサー C						_	1	
26 26NA 3087 0 SPRING SPACER パネスペーサー C							1	
							1	
27 50GA -153 0 DRUM INPUT SHAFT ASSY ドラム入力軸部組 C							1	
	21	30GA - 133 0	DRUM INFUT SHAFT ASST	「クム八万年四日かん」			1	
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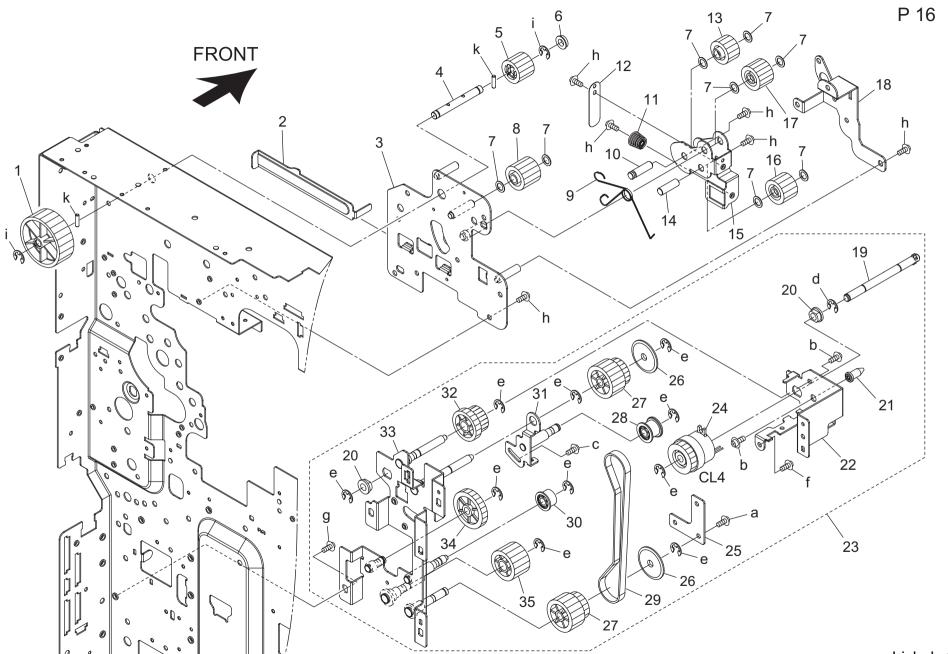


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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	50GA 1605 0	PAPER FEED PROTECTION PANEL	給紙保護パネル		D	1	a-9735 0306 14
2	50GA 1613 0	PAPER FEED GEAR C 38T	給紙ギア C 38 T		С	1	b-V121 0306 03
3	50GA 1619 1	ADU INPUT GEAR 49T 28T	A D U 入力ギア 49 T 28 T		С	1	c-V217 0400 50 d-V217 0600 50
4	1900 4141 0	PLYSLIDER 6	ポリスライダー 6		С	6	u-v217 0000 30
5	50GA 1611 0	PAPER FEED GEAR A 32T	給紙ギア A 32 T		С	1	
6	1900 4142 0	POLYSLIDER 8	ポリスライダー 8		С	2	
7	50GA 1612 0	PAPER FEED GEAR B 27T	給紙ギア B 27 T		С	1	
8	50GA 4569 1E	CONVEYANCE EARTH PLATE	搬送アース板		D	1	
9	50GA -164 1F	CAULKING ASSY	カシメ部組		D	1	
10	50GA -168 0E	CAULKING ASSY	カシメ部組		D	1	
11	50GA 1616 0	PAPER FEED GEAR F 21T 23T	給紙ギア F 21 T 23 T		С	1	
12	50GA 1617 0	PAPER FEED GEAR G 26T 19T	給紙ギア G 26 T 19 T		С	1	
13	50GA -165 0E	CAULKING ASSY	カシメ部組		D	1	
14	50GA 2501 00	SPACER	スペーサ		С	2	
15	50GA 1620 0E	PAPER FEED GEAR /I 20T	給紙 ギア/ I 20 T		С	1	_
16	50GA 1614 0E	PAPER FEED GEAR /D 19T	給紙 ギア/ D 19 T		С	1	
17	50GA 1618 0F	PAPER FEED GEAR /H 28T	給紙 ギア/ H 28 T		C	1	
18	50GA -167 0F	CAULKING ASSY	カシメ部組		D	1	
19	50GA 1610 0	PAPER FEED DRIVE GEAR 62T 29T	給紙駆動ギア 62 T 29 T		С	1	
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וווט	DRIVING UNIT								
Key	Part No.	Des	cription	Destinations	Class	QTY	Standard parts		
1	A0R5 M103 00	DC Brushless motor /30	DC ブラシレスモータ/30		С	1	a-V121 0304 03 b-V121 0306 03		
2	26NA 1728 0	BALL BEARING CAULKING ASSY	現像駆動軸受		С	2	c-V221 0400 50		
3	50GA -171 0		カシメ部組		D	· ·	c-V221 0400 50 d-V217 0400 50		
4 5	40LA 1754 0 40LA 1755 0	DEVELOPING DRIVE GEAR 6 32T DEVELOPING DRIVE GEAR 7 39T	現像駆動歯車 6 32 T 現像駆動歯車 7 39 T		C	1	e-V237 2012 50		
6	50GA -173 0E	CAULKING ASSY	カシメ部組		D		-		
7	13QA 1033 0	SHAFT SPACER	軸スペーサー		C	1 1			
8	50GA 1760 1E	Developing Drive Shaft	現像駆動軸		D	1			
9	40LA 1756 0	DEVELOPING INPUT COUPLING A	現像入力カップリング A		C				
10	26NA 1757 0	DEVELOPING INPUT COUPLING A DEVELOPING INPUT COUPLING B	現像入力カップリング B		C	1			
11	26NA 1759 0	SPACER B	スペーサー B		C	1	1		
12	50GA 1703 0	DUST PROOF COVER	防塵カバー		C	1 1			
13	50GA -172 0	CAULKING ASSY	カシメ部組		D	1			
14	50GA 1752 0	DEVELOPING DRIVE GEAR 2 27T	現像駆動歯車 2 27 T		В				
15	50GA 1753 0	DEVELOPING DRIVE GEAR 3 25T 28T	現像駆動歯車 3 25 T 28 T		В	1			
16	50GA 1751 0	DEVELOPING DRIVE GEAR 1 52T 26T	現像駆動歯車 1 52 T 26 T		В	1			
17	1900 4141 0	PLYSLIDER 6	ポリスライダー 6		C	1			
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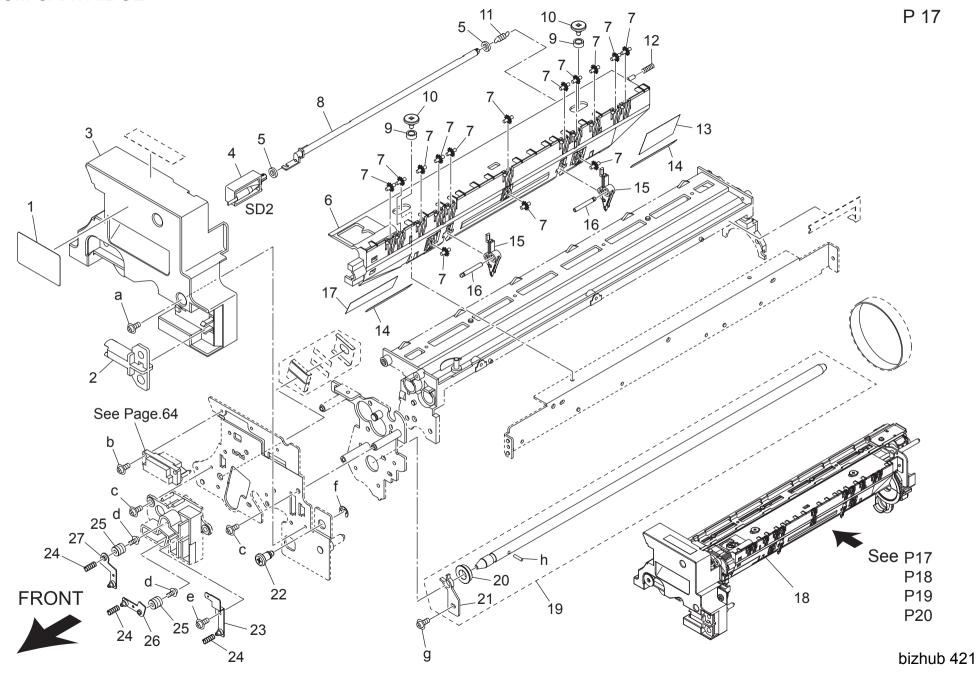
DRIVING UNIT



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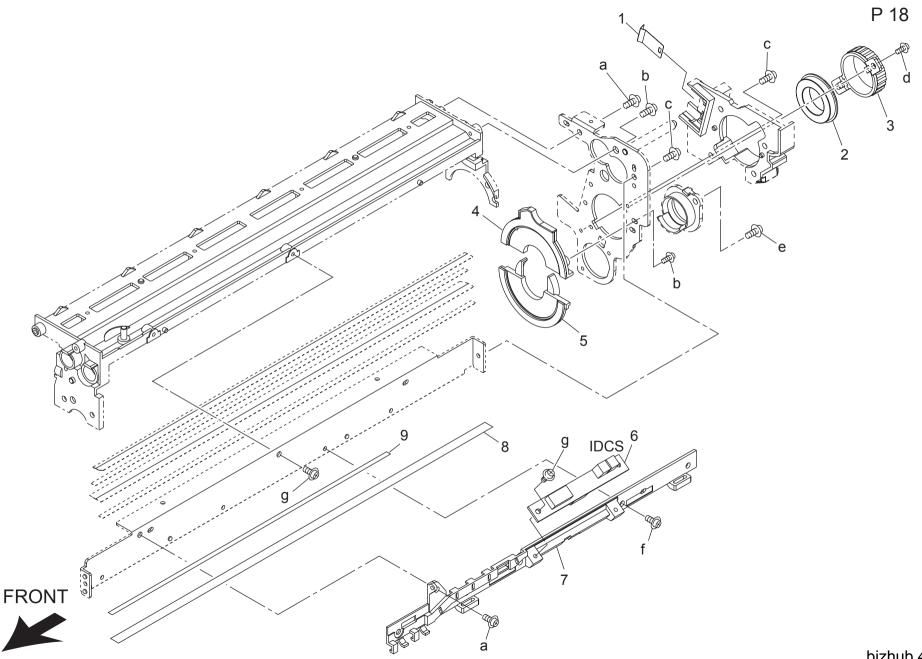
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Key	Part No.		Description	Destinations	Class	QTY	Standard part
1	50GA 1851 0	FIXING GEAR A 80T	定着ギア A 80 T		В	1	a-9646 0306 13
2	50GA 1509 1	DRIVE PRESSING STAY	駆動押圧ステー		D	1	b-9646 0306 14 c-9646 0308 14
3	50GA -186 1G	CAULKING ASSY	カシメ部組		С	1	d-9721 0400 01
4	50GA 1811 1G	FIXING INPUT SHAFT	定着入力軸		С	1	e-4425 3001 01
5	50GA 1852 3I	Fixing Gear/B 18T	定着 ギア/ B 18 T		В	1	f-9735 0306 14
6	26NA 1728 0	BALL BEARING	現像駆動軸受		С	1	g-9743 0408 14 h-V121 0306 03
7	40LA 1740 0	DRIVING SPACER 1	駆動スペーサー 1		С	8	ň-V121 0306 03
8	50GA 1853 2G	Fixing Gear/C 19T	定着 ギア/ C 19 T		В	1	i-V217 0400 50
9	50GA 1841 0	FIXING SWING SPRING	定着揺動バネ		C	1	k-V237 2012 50
10	50GA 1822 0D	Fixing Idling Shaft	定着アイドラー軸		Č	1 1	
11	50GA 1843 0	FIXING PRESSING SPRING	定着押圧バネ		C	1	=
12	50GA 1842 0	LEVER PRESSING SPRING	レバー押圧バネ		D		
						1	
13	50GA 1855 2G	Fixing Gear/E 18T	定着ギアノE18T		В	1	
14	50GA 1824 1E	Fixing Idling Shaft /2	定着アイドラー軸/2		D	1	
15	50GA 1507 0F	Drive Panel /G	駆動 パネル/ G		D	1	
16	50GA 1859 2G	Fixing Gear /F 19T	定着 ギア/ F 19 T		В	1	
7	50GA 1854 2G	Fixing Gear/D 19T	定着 ギア/ D 19 T		В	1	
8	50GA 1504 0E	Drive Panel /D	駆動 パネル/ D		D	1	
9	4030 3057 01	SHAFT	シャフト		D	1	
0	4131 3003 01	BUSHING	軸受		C	2	
1	4030 3067 01	SHAFT	シャフト		D	1	1
2	4030 3051 01	BRACKET	取付板		D	1 1	
3	50GA -169 2	LOWER PAPER FEED DRIVE ASSY	下給紙駆動部組		C		
)	9322 1500 12	CLUTCH CLUTCH	プロストリア プロスティア		C		
		BRACKET			_		
5	4030 3052 01	_	取付板		D	1	-
6	4030 3055 01	COLLAR	カラー		С	2	
7	4030 3053 01	PULLEY 28/36T	プーリ 28/36 T		С	2	
8	1155 2518 01	PULLEY	フ゜ーリー		С	1	
29	4030 3054 01	TIMING BELT 324L	タイミングベルト 324 L		С	1	
30	1067 2513 01	PULLEY	フ゜ーリー		С	1	
31	4030 R705 00	BRACKET ASSY	取付板 ASSY		С	1	
32	50GA 1640 1E	Paper feed Gear 19T 33T	給紙ギア 19 T 33 T		С	1	
33	50GA -176 0	PAPER FEED STAKE ASSY	給紙かしめ部組		D	1	
34	4030 3060 01	GEAR 30T	ギヤ 30 T		Č	1	
35	4030 3059 01	GEAR 24T	ギヤ 24 T		Č	1	
	4030 3039 01	OLAN 241	7 (2 7 1			'	1
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DRUM CARTRIDGE



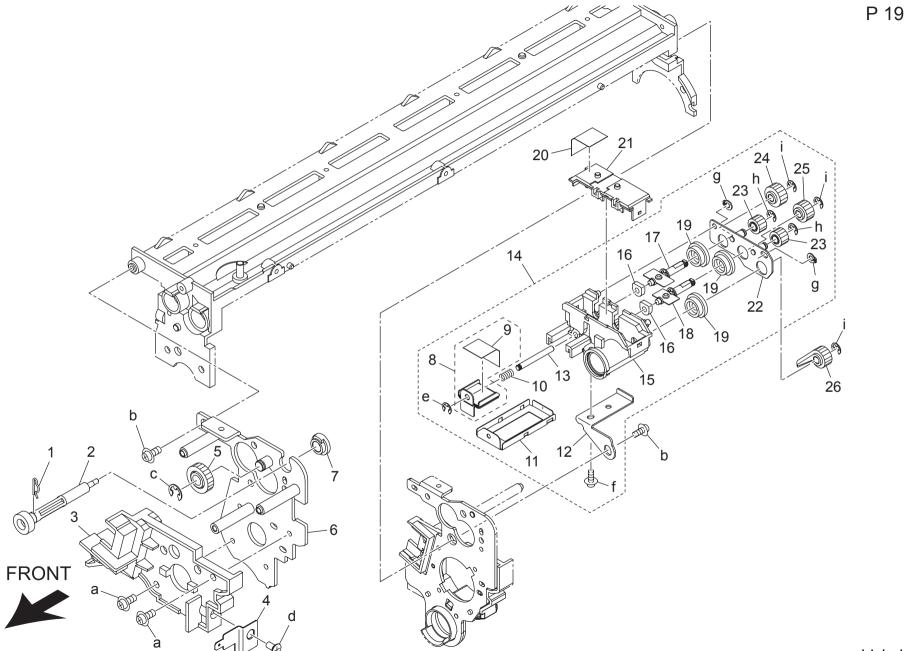
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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	50GA 9795 1E	Toner Indicating Label	トナー表示ラベル		С	1	a-V121 0304 04 b-V121 0308 03 c-V121 0306 03
2	26NA 2134 0	DRUM ROTARY PART	ドラム回転部材		С	1	b-V121 0308 03
3	50GA 2035 0E	CARTRIDGE COVER /FRONT	カートリッジ カバー/前		С	1	d-V121 0306 03
4	26NA R705 00	SEPARATE SORENOID ASSY	分離ソレノイド部組		С	1	e-V151 0308 03
5	26NA 2138 0	SOLENOID SEAL	ソレノイドシール		С	2	f-V217 0400 50
6	26NA 2024 2	SEPARATE GUIDE PLATE	分離ガイド板		С	1	g-V121 0310 04
7	26TA 2032 0	SEPARATE AUXILIARY ROLLER	搬送補助ローラ		С	14	ň-V233 2012 50
8	26NA 2027 0	SEPARATE RELEASE LEVER	分離解除レバー		С	1	
9	26NA 2030 0	SEPARATE ROCKING COLLAR	分離揺動カラー		С	2	
10	26NA 2031 0	SEPARATE ROCKING SCREW	分離揺動ネジ		С	2	
11	40AA 2023 0	SEPARATOR RELEASE SPRING	分離解除バネ		C	1	
12	26NA 2029 0	SEPARATE ROCKING SPRING	分離揺動バネ		Č	1	
13	26NA 2142 0	PAPER GUIDE SHEET C	紙ガイドシート C		C	1	
14	26NA 2140 0	PAPER GUIDE SHEET A	紙ガイドシート A		Č	2	
15	50GA -218 0	SEPARATING CLAW ASSY	分離爪部組		Č	2	
16	40AA 2017 0	SEPARATOR FULCRUM SHAFT	分離支点軸		C	2	1
17	26NA 2143 0	PAPER GUIDE SHEET D	紙ガイドシート D		C	1	
18	50GA -200 1	DRUM UNIT	ドラムカートリッジ		В		
19	40LA R702 00	DRUM SHAFT ASSY	ドラム軸部組		D		
19 20	26NA 2136 0		ドラム転車部組 ドラム支持軸受		C	1	
	40LA 2094 0	DRUM SUPPORT SHAFT HOLDER DRUM SUPPORT PART	トフム文持軸党 ドラム支持部材		C	1 1	-
21 22							
	26NA 2144 0	CARTRIDGE SCREW	カートリッジネジ		С	1 1	
23	26NA R704 00	DEVELOPING ELECTRIFY COMBINED	現像給電板カシメ		С	1	1
24	3920 4526 0	ELECTRODE CONNECTING SPRING B	電極連結バネ B		С	3	
25	40AA 7319 1	CHARGING INPUT SPRING	帯電入力バネ		С	2	4
26 27	40LA -221 0 40LA -222 0	CHARGE POWERING /A CAULKING CHARGE POWERING /B CAULKING	帯電給電板/A カシメ 帯電給電板/B カシメ		D D	1 1	
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DRUM CARTRIDGE

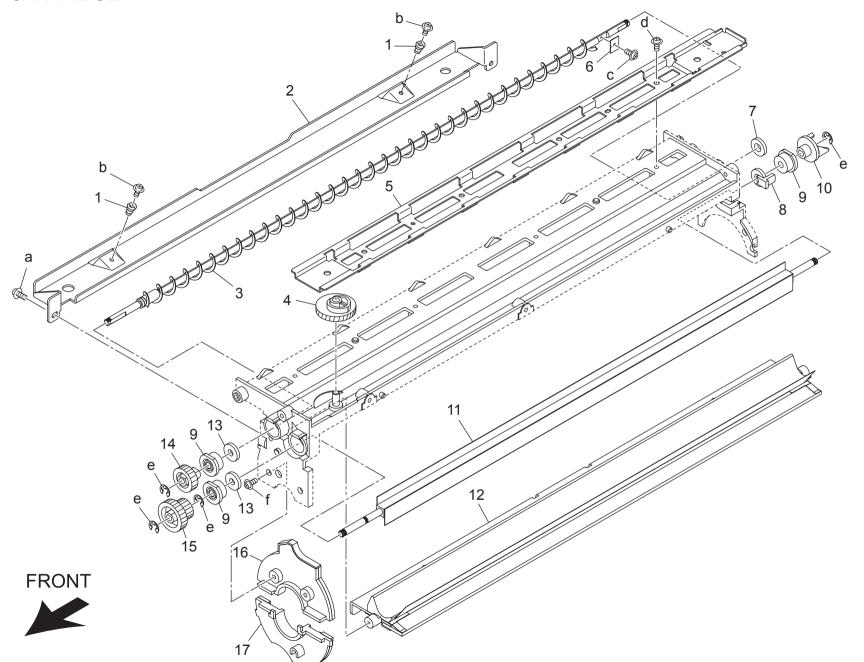


וטוע	DRUM CARTRIDGE Page								
Key	Part No.		escription	Destinations	Class	QTY	Standard parts		
1 2 3 4 5 6 7 8	40LA 2167 0 26NA 2048 0 26NA 2025 0F 26NA R703 00 26NA R706 00 26NA -918 2E 26NA 2095 0 26NA 2020 0	ELECTRODE PRESSING SPRING DRUM SHAFT HOLDER F Shaft holder Support Part BLADE SEAL BLOCK R ASSY BLADE SEAL BLOCK 2 ASSY TONER DETECTED BOARD ASSY WIRING GUIDE PART TONER GUIDE SHEET	電極押圧パネ ドラム軸受 軸受支持部材 シールブロック/R 部組 シールブロック/2部組 トナー検知基板部組 束線ガイド部材 トナー案内シート		C C D B B C C	1 1 1 1 1 1 1	a-V151 0310 03 b-V151 0312 03 c-V121 0306 03 d-V121 0304 04 e-V123 0306 03 f-V121 0304 03 g-V151 0308 03		
9	26NA 2133 0	MOUNTING SHEET B	取り付けシート B		D	1			



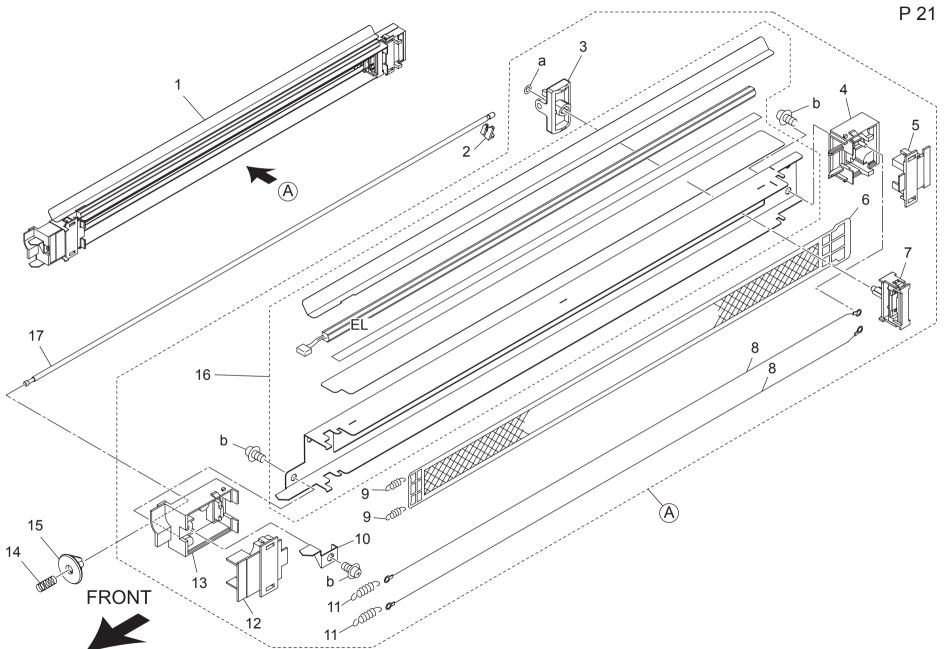


Key	Part No.		Description	Destinations	Class	QTY	Page. 19 Standard parts
		CHAFT FIVED DADT	•	Destinations	1 1 1		•
1	26NA 2092 0	SHAFT FIXED PART	軸受固定部材		С	1	a-V121 0306 03 b-V151 0310 03
2	26NA 2057 0	SEPARATION ROCKING GEAR 18T	分離揺動ギア 18 T		С	1	c-V217 0400 50
3	40LA 2005 0	ELECTRODE GUIDE PART /FRONT	電極ガイド部材/前		D	1	d-V147 0308 03
4	26NA 2076 0D	Transfer Power supply Plate	転写給電板		С	1	d-V147 0308 03 e-V217 0200 50
5	26NA 2042 0	IDLER GEAR 25T	アイドラーギア 25 T		С	1	f-V151 0308 03
6	40LA -215 1	PANEL /FRONT CAULKING	パネル前カシメ		D	1	g-V221 0300 50
7	26NA 2038 0	ROCKING SHAFT HOLDER	摇動軸受		С	1	ň-V217 0250 50
8	50GA -217 0	COLLECTING COVER ASSY	回収カバー部組		D	1	i-V217 0300 50
9	26NA 2107 0	COLLECTING SEAL	回収シール		С	1	
10	26NA 2037 0D	Collection Spring	回収ばね		С	1	
11	26NA 2086 0D	Collection Cover /B	回収カバー/ B		C	1	
12	26TA 2088 1	CLEANER FIXING PART	クリーナー固定部材		Ď	1	
13	26NA 2087 0	CLEANER AUXILIARY PART	クリーナー補助部材		Č	1 1	
14	50GA -205 0	SCREW GUIDE PART/REAR ASSY	スクリューガイド/奥部組		Č	l i	
15	26TA 2053 1	SCREW GUIDE PART /REAR	スクリューガイドの英語組		D		
16		RECYCLING SHAFT HOLDER			C	2	+
	26TA 2154 0						
17	26TA -235 0	RECYCLING SHAFT/1 ASSY	リサイクル軸/1部組		D	1	
18	26TA -236 0	RECYCLING SHAFT/2 ASSY	リサイクル軸/2部組		D	1	
19	26NA 2128 0	SCREW SHAFT HOLDER B	スクリュー軸受 B		С	3	
20	26TA 2161 1	SPEWING PV SHEET B	飛散防止シート B		С	1	1
21	26TA R701 00	COLLECT COVER C ASSY	回収カバー/ C 部組		D	1	
22	26TA -237 1	DRIVE SUPPORT PANEL/1 CAULKING	駆動支持板/1カシメ		D	1	
23	26TA 2149 0	TONER CONVEYANCE GEAR 4 13T	トナー搬送ギア 4 13 T		С	2	
24	26TA 2148 0	TONER CONVEYANCE GEAR 3 16T	トナー搬送ギア 3 16 T		С	1	
25	26TA 2147 0	TONER CONVEYANCE GEAR 2 18T	トナー搬送ギア 2 18 T		С	1	
26	26TA 2146 0	TONER CONVEYANCE GEAR 1 19T	トナー搬送ギア 1 19 T		C	1	
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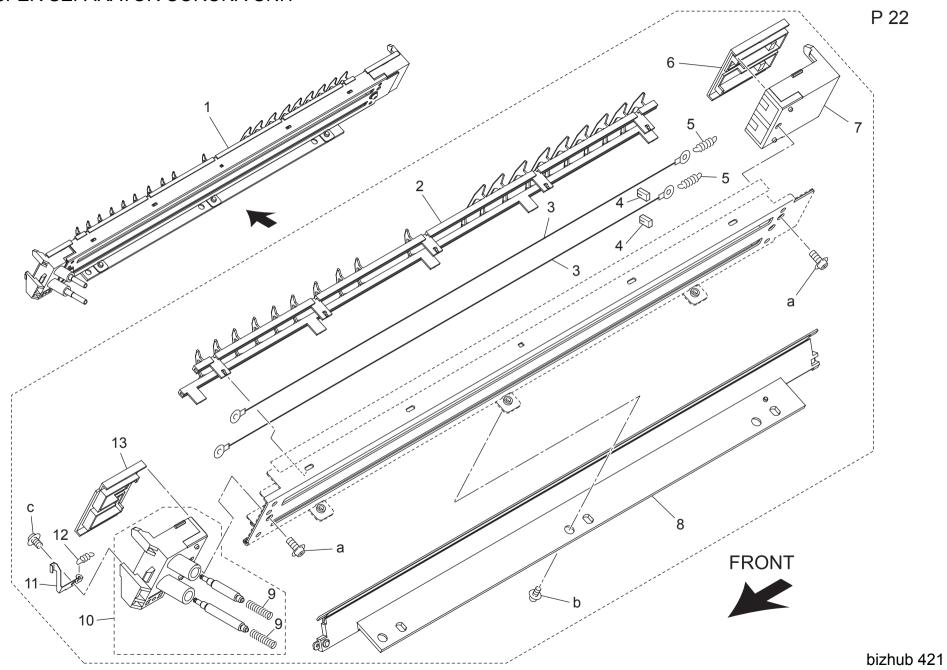
Key	Part No.		Description	Destinations Class QT			Standard parts
1	40LA 2019 0	BLADE PRESSURE SPRING	ブレード押圧バネ		С	2	a-V121 0304 04 b-V118 0304 03 c-V111 0202 03 d-V151 0308 03 e-V217 0300 50
2	40LA 2036 0E	Cartridge Reinforce Part	カートリッジ補強部材		D	1	b-V118 0304 03
3	50GA 2007 0	TONER COLLECTION SCREW	トナー回収スクリュー		D	1	c-V111 0202 03
4	26NA 2058 0	SEPARATION ROCKING CAM	分離揺動カム		C	1	d-V151 0308 03
	40LA 2034 0D		カートリッジ・レール		D		e-V217 0300 50
5		Cartridge Rail					f-V151 0312 03
	26TA 2151 0	AGITATOR PLATE A	攪拌板 A		D	1	
7	26NA 2022 0	CLEANER COLLECT SEAL	クリーナー回収シール		С	1	
8	26NA 2116 0	SHAFT HOLDER SPACER	軸受スペーサー		С	1	
9	26NA 2014 0	SCREW SHAFT HOLDER	スクリュー軸受		С	3	
10	26NA 2056 0	TONER COLLECT COUPLING	トナー回収カップリング		В	1	
_			トナー攪拌軸				-
	26NA 2055 3	TONER AGITATE SHAFT			D	1	
12	50GA -209 0	DRUM CLEANING BLADE ASSY	清掃ブレード部組		A	1	
13	26NA 2071 0	FELT A	フエルト A		С	2	
14	26NA 2016 0	SCREW GEAR 24T	スクリューギア 24 T		С	1	
	26NA 2017 0	AGITATING GEAR 19T 30T	攪拌ギア 19 T 30 T		Č	1	
	40LA R701 00	BLADE SEAL BLOCK F ASSY	シールブロック/ F 部組		В	1	
7	40LA R703 00	BLADE SEAL BLOCK 1 ASSY	シールブロック/1部組		В	1	
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CHARGING UNIT

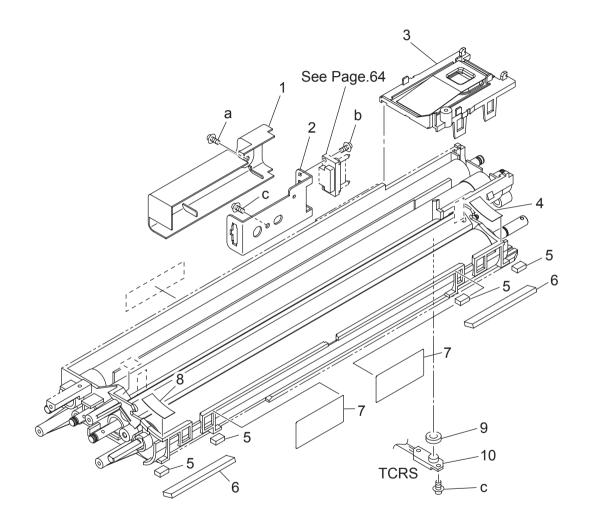


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Key	Part No.	D	escription	Destinations	Class	QTY	Standard part
1	50GA -250 0	CHARGE CORONA UNIT	帯電極		В	1	a-V226 0300 50
2	25HA 2510 0	SHAFT STOPPER PART	軸ストッパー部材		В	1	b-V151 0306 03
3	40LA 2519 0	CHARGE CLEANIG KNOB	帯電清掃ノブ		С	1	
	40LA 2501 1	CHARGING BLOCK REAR	帯電ブロック 奥		C	1	
	40LA 2505 0	SPARK ARRESTER PREVENTIVE PLATE REA	落雷防止板 奥		B	1	
	1027120000	R	A B W L W S				
	40LA 2516 0	CHARGING CONTROL PLATE	帯電制御プレート		В	1	
	40LA R704 00	CHARGING CLEANING ASSY	帯電清掃部組		С	1	
	50GA 2506 0	CHARGING WIRE	帯電ワイヤー		С	2	
9	26NA 2518 0	CHARGING SPRING	帯電バネ		В	2	
10	40LA 2507 0	CHARGING ELECTRODE PLATE	帯電給電板		С	1	
	26NA 2517 0	WIRE TENSION SPRING	ワイヤー引張りバネ		В	2	
	40LA 2504 0	SPARK ARRESTER PREVENTIVE PLATE FRO	落雷防止板 前		В	1	
		NT					
	40LA 2502 0	CHARGING BLOCK FRONT	帯電ブロック 前		С	1	
14	26NA 4549 0	LIFTING SPRING 2	持ち上げバネ 2		С	1	
15	40LA 2520 0	CHARGING CLEANING HANDLE	带電清掃把手		С	1	
16	50GA -251 0	CHARGE DISCHARGING PLATE ASSY	帯電放電プレート部組		С	1	1
	50GA 2509 0	CHARGING CLEANING SHAFT	帯電清掃軸		C	1	
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TRANSFER SEPARATOR CORONA UNIT



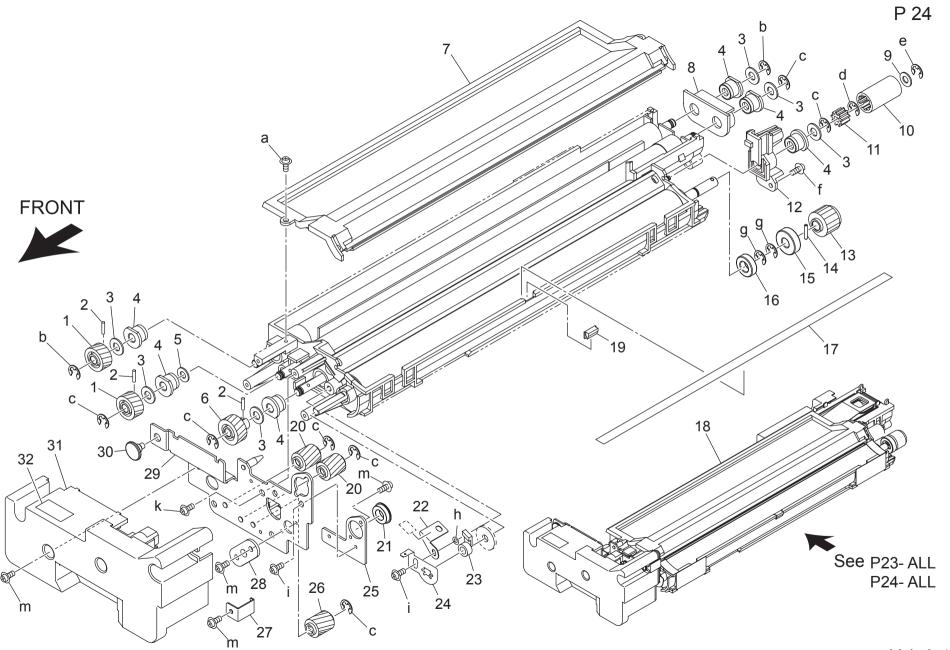
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1	50GA -260 0	TRANSFER SEPARATING CORONA UNIT			A	1	a-V151 0308 03 b-V123 0306 03 c-V145 2606 03
2	50GA 2619 1E	SEPARATION BRIDGE	分離 ブリッジ		С	1	c-V145 2606 03
3	26NA 2608 0	DISCHARGE WIRE	放電ワイヤー		A	2	C V 140 2000 00
	56AA 1783 0	TRANSFER HOLDING RUBBER	転写押えゴム		A	2	
,	26NA 2623 0	WIRE TENSION SPRING	ワイヤーテンションバネ		В	2	
6	50GA 2607 0F	SPARK PREVENTING PLATE /REAR	落雷防止板/奥		С	1	
	50GA 2604 0	TRANSFER SEPARATOR BLOCK REAR	転写分離ブロック 奥		С	1	
3	50GA -261 0	TRANSFER GUIDE PLATE ASSY	転写ガイド板部組		С	1	
9	26NA 7325 1	ELECTRODE CONNECTING SPRING A	電極連結バネ A		В	2	
0	50GA -262 0	TRANSFER SEPARATOR BLOCK FRONT ASSY	転写分離ブロック前部組		С	1	
1	26NA 2625 0	ELECTRODE PLATE	給電板		D	1	
2	26NA 2626 0	ELECTRODE SPRING	給電バネ		В	l i	
3	50GA 2606 0E	SPARK PREVENTING PLATE /FRONT	落電防止板/前		C		
3	50GA 2000 0E	SPARK PREVENTING PLATE /FRONT	洛苗防止板/削			ı	
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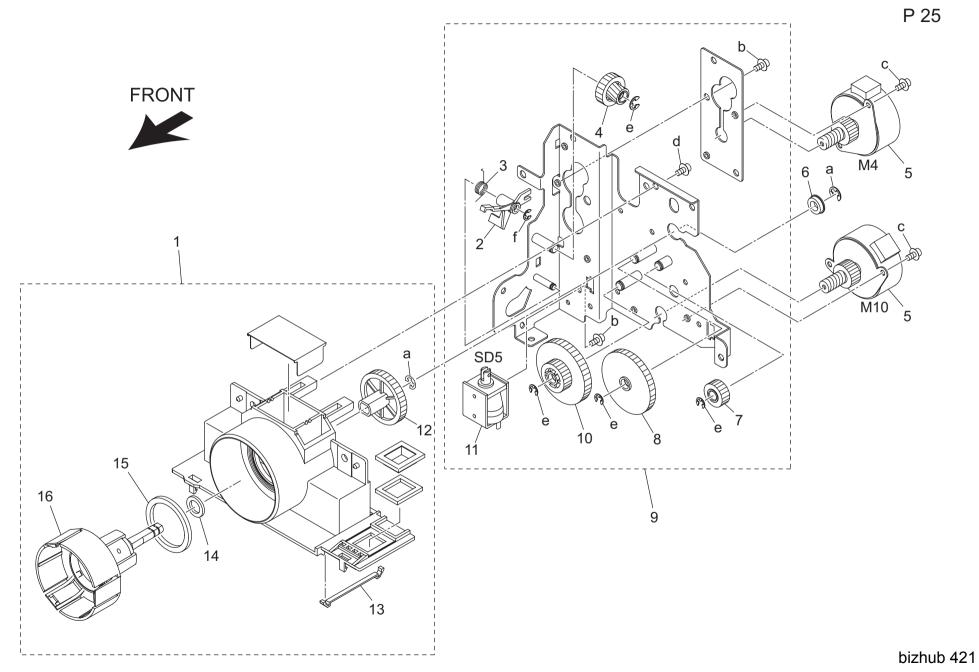


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(ey	Part No.		Description	Destinations	Class	QTY	Standard parts
1	26NA 3049 0	DEVELOPING ELECTRODE COVER	現像給電カバー		D	1	a-V121 0306 03 b-V118 0306 03 c-V151 0306 03
	26NA 3047 0	DEVELOPING ELECTRODE STAY	現像給電ステー		D	1	0-7110 0300 03
	26NA R708 00	DEVELOPING COVER PART A ASSY	現像カバー部材/ Α 部組		С	1	C-V 13 1 0300 03
	26NA 3072 0	SCATTER PREVENTING SHEET 4	飛散防止シート/4		С	1	
5	50GA 3161 0	DEVELOPING SUCTION SEAL C	現像サクションシール/ C		С	4	
6	50GA 3160 0	DEVELOPING SUCTION SEAL B	現像サクションシール/ B		С	2	
7	50GA 3157 0	SCATTER PREVENTING SHEET /A	飛散防止シート/ A		С	2	
8	26NA 3045 0	SCATTER PREVENTING SHEET 3	飛散防止シート/3		C	1	
9	0294 2064 0	L DETECTING SEAL	L検シール		Č	ĺ	
	26NA 8804 1	TONER DENSITY SENSOR	トナー濃度センサー		В	1	
10	201NA 0004 1	TONER DENSITY SENSOR	トケー辰反センケー		ь	'	1
							_
							1
	ĺ					1	I

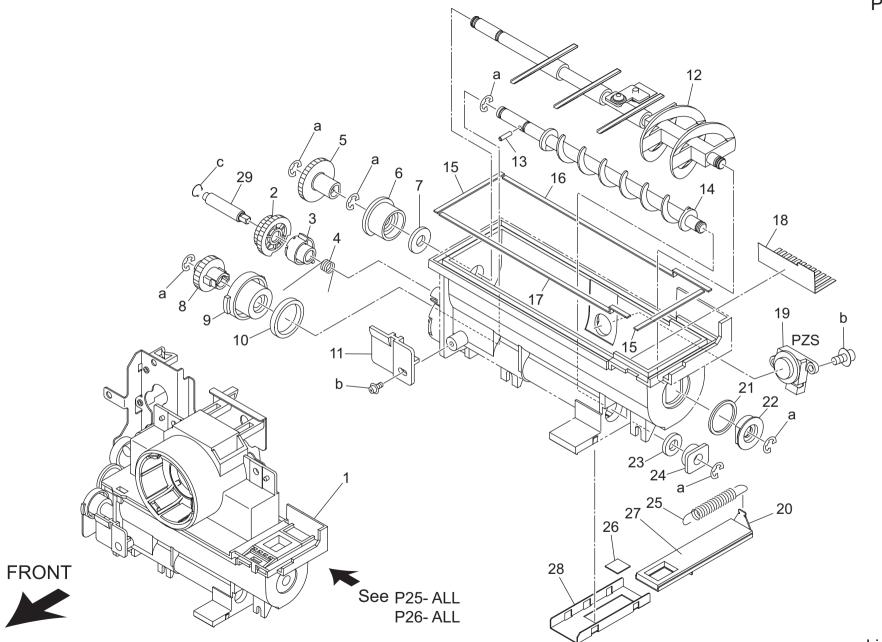
DEVELOPING UNIT



1 2	50GA 3015 0	_ _				
	000,100.0	AGITATING GEAR B 20T	撹拌ギア B 20 T	В	2	a-V121 0306 04
	4660 7801 0	PIN A D2X10	ピン A D2X10	В	3	b-V217 0500 50
3	26NA 3085 0	SHAFT HOLDER SPACER	軸受スペーサー	С	6	c-V217 0400 50 d-V217 0300 50
4	26NA 3077 0	DEVELOPING SHAFT HOLDER	現像軸受	В	6	e-V221 0300 50
5	26NA 3094 0	DEVELOPING SEAL S	現像シール S	С	1	f-V151 0306 03
6	50GA 3014 0	AGITATING GEAR A 22T	撹拌ギア A 22 T	В	1	g-V217 0600 50 h-V207 0600 03
7	26TA R702 00	DEVELOPING COVER ASSY	現像蓋部組	С	1	h-V207 0600 03
8	26NA 3009 0	DEVELOPING COVER PART /B	現像カバー部材/ B	D	1	i-V123 0306 03 k-V151 0308 03
9	26NA 3096 0	SPACER C	スペーサー C	С	1	m-V121 0306 03
10	26NA 3095 0	AGITATE COUPLING A	攪拌カップリング A	С	1	111 V 121 0000 00
11	26NA 3073 0	AGITATE COUPLING	攪拌カップリング	В	1	
12	26NA R707 00	DEVELOPING COVER PART C ASSY	現像カバー部材/ C 部組	D	1	
13	26NA 3070 0	DEVELOPING GEAR	現像ギア	C	1	
14	1136 2060 0	PIN A	E°ン (A)	Č	1	
15	26NA 3066 0	BALL BEARING	現像案内軸受	C		
16	26NA 3065 0	DEVELOPING SHAFT HOLDER REAR	現像軸受 奥	C	1	+
			現象軸文 英 飛散防止シート 2	D		
17	26NA 3044 0	SPEWING PREVENTIVE SHEET 2		_	1	
18	50GA -300 1	DEVELOPING UNIT	現像器	В		
19	26NA 3084 0	DEVELOPING BLOCK	現像ブロック	D	1	
20	50GA 3018 0	IDLING GEAR 2 15T	アイドラーギア 2 15 T	В	2	
21	26NA 2136 0	DRUM SUPPORT SHAFT HOLDER	ドラム支持軸受	С	1	
22	26NA 3036 0	DEVELOPING CONNECTING PLATE	現像連結板	D	1	
23	26NA 3063 0	DEVELOPING SHAFT HOLDER FRONT	現像軸受 前	С	1	
24	26NA 3021 1G	Magnet Adjusting Plate	マグネット調整板	D	1	
25	26NA 3086 0	SHAFT HOLDER FULCRUM PART	軸受支持部材	С	1	
26	50GA 3017 0	IDLING GEAR 1 15T	アイドラーギア 1 15 T	В	1	
27	26NA 3093 0	DEVELOPING SUPPORT STOPPER	現像支持ストッパ	D	1	
28	26NA 3075 0	DEVELOPING ADJUSTING CAM FRONT	現像調整カム 前	D	1	
29	50GA -307 0E	DEVELOPING STAY CAULKING	現像ステーカシメ	D	1	
30	26NA 3101 0	POSITIONING SCREW	位置決めネジ	C	1	
31	50GA -304 0	DEVELOPING COVER ASSY	現像カバー部組	C	1	
32	56UA 9792 0	HIGE VOLTAGE CAUTION LABEL	高圧注意ラベル	C	1	
32	300A 9192 0	TIIGE VOLTAGE CAOTION LABEL	同圧圧息ノベル		'	
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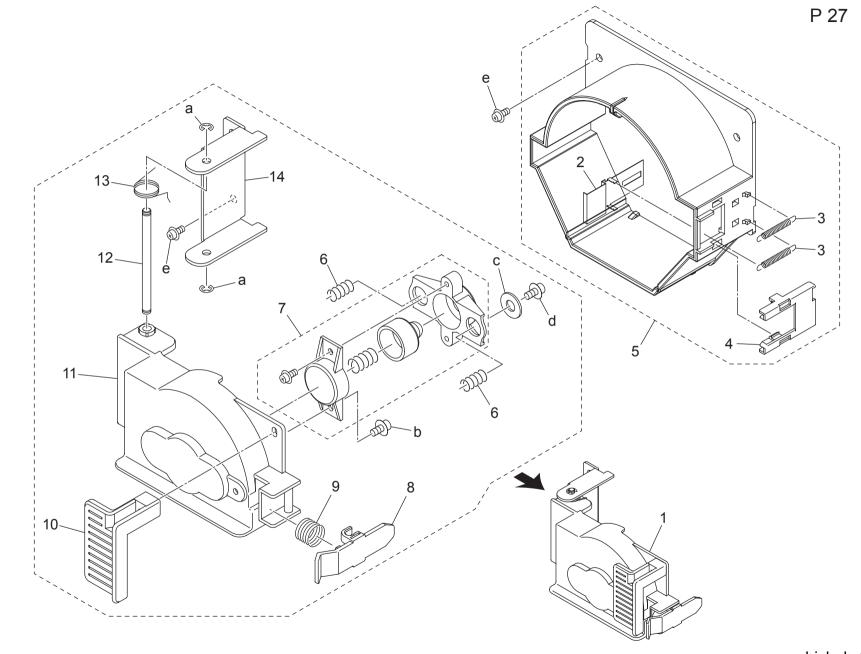
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	50GA -322 1	TONER SUPPLY MAIN/UPPER ASSY	トナー補給本体/上部組		С	1	a-V217 0500 50
2	50GA 3271 0	LOCK ARM	ロックアーム		С	1	b-V121 0304 03
3	50GA 3272 0	LOCK SPRING	ロックバネ		C	1	c-V122 0304 03
4	26NA 3268 0	TONER CONVEYANCE GEAR 5 16T 23T	トナー搬送歯車 5 16 T 23 T		Č	1	d-V151 0306 03 e-V217 0400 50
5	26NA 8006 1	TONER SUPPLY MOTOR	トナー補給モータ		В	2	e-V21/ 0400 50
6	26NA 3266 0	TONER SUPPLY SHAFT HOLDER	トナー補給軸受		С		f-V217 0300 50
						1	
7	26TA 3258 0	TONER SUPPLY REGULATING GEAR 18T	トナー補給規制歯車 18 T		С	1	
8	26TA 3264 0	TONER SUPPLY GEAR 2 16T 51T	トナー補給歯車 2 16 T 51 T		С	1	
9	50GA -323 0	TONER CONVEYING DRIVE ASSY	トナー補給駆動部組		С	1	
10	26TA 3261 0	TONER SUPPLY GEAR 1 23T 51T	トナー補給歯車 1 23 T 51 T		С	1	
11	26NA 8251 3	PAPER FEED SOLENOID	給紙ソレノイド		С	1	
12	26NA 3259 0	TONER SUPPLY REGULATING GEAR 42T	トナー補給駆動歯車 42 T		С	1	
13	26NA 3294 0	TONER SUPPLY SEAL 4	トナー補給シール 4		D	1	
14	26NA 3242 0	TONER SUPPLY SEAL/REAR	トナーホキュシール/オク GN		Č	1	
15	26NA 3295 0	TONER SUPPLY HOLDING SEAL /A	トナー補給ホルダーシール/ A		Č	1	
16	26NA 3231 1E	TONER SUPPLY HOLDING MAIN BODY	トナー補給ホルダーケールクス		D	1	_
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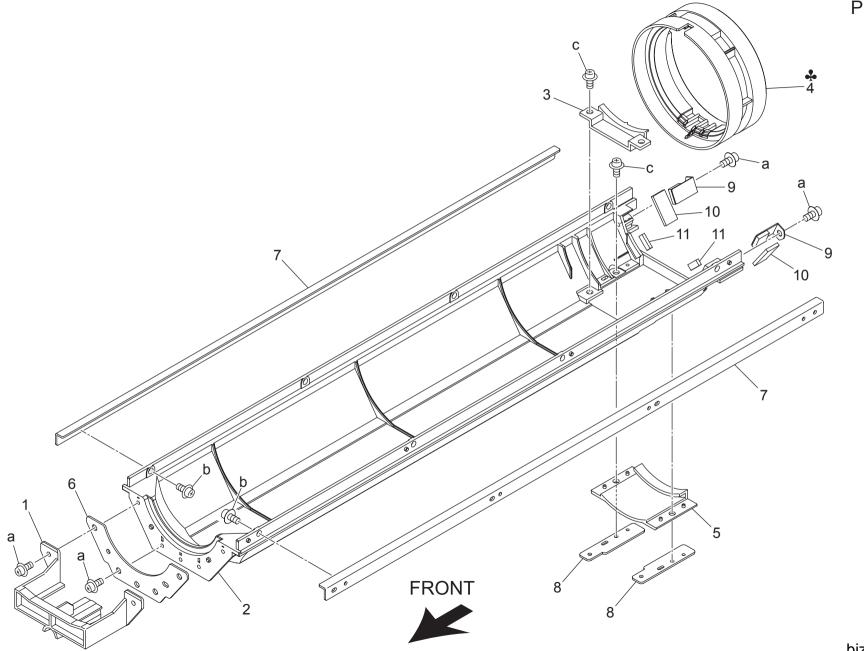
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	50GA -320 1	TONER SUPPLY UNIT	トナー補給		I	1	a-V217 0400 50
2	50GA 3252 0	TONER CONVEYANCE GEAR 3 20T 25T	トナー搬送歯車 3 20 T 25 T		С	1	b-V151 0308 03
3	50GA 3323 0E	TONER SUPPLY DRIVE CAM	トナー補給駆動カム		С	1	c-V221 0400 50
4	50GA 3270 0	STOPPER SPRING	突き当てバネ		C	1	
5	50GA 3253 0	TONER CONVEYANCE GEAR 4 27T	トナー搬送歯車 4 27 T		Č	l i	
6	25HA 3215 2	TONER CONVEYANCE SHAFT HOLDER A	トナー搬送軸受 A		C	1	
						1	
7	26NA 3296 0	FELT C	フエルト C		С	1	
8	50GA 3251 0	TONER SUPPLY REGULATING GEAR 21T	トナー補給規制歯車 21 T		С	1	
9	26NA 3256 0	TONER AGITATE SHAFT HOLDER LEFT	トナー搬送軸受/左		С	1	
10	40LA 3227 0	SCREW SEAL PART MIDDLE	スクリューシール部材 中		D	1	
11	50GA 3322 0	SPRING REGULATING PART A	バネ規制部材 A		С	1	
12	40LA R706 00	AGITATE SCREW ASSY	撹拌スクリュー部組		D	1	
13	26NA 3297 0	PIN	ピン		C	1	
14	26NA 3204 0	TONER SUPPLY SCREW	トナー補給スクリュー		Č	1 1	
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15	26NA 3293 0	TONER SUPPLY SEAL 3	トナー補給シール 3		С	2	4
16	26NA 3291 0	TONER SUPPLY SEAL 1	トナー補給シール 1		С	1	
17	26NA 3292 0	TONER SUPPLY SEAL 2	トナー補給シール 2		С	1	
18	26TA 3301 0	TONER AGITATE SHEET FRONT	トナー撹拌シート 前		С	1	
19	40AA 8803 1	LEVEL DETECTION SENSOR	残量検知センサ		С	1	
20	50GA 3208 0	TONER SUPPLY OPEN CLOSE PLATE	トナー補給開閉板		D	1	
21	26NA 3228 0	SCREW SEAL PART UPPER	スクリューシール部材 上		C	1	┪
22	26NA 3254 0	TONER AGITATE SHAFT HOLDER	トナー攪拌軸受		C	1	
					_	1 -	
23	26NA 3220 0	SCREW SEAL PART LOWER	スクリューシール部材 下		С	1	
24	26NA 3255 0	TONER AGITATE SHAFT HOLDER RIGHT	トナー搬送軸受の右		С	1	
25	26NA 3209 0	TONER SUPPLY OPEN CLOSE SPRING	トナー補給開閉バネ		В	1	
26	26NA 3290 0	SPEWING PREVENTIVE SPACER	飛散防止スペーサー		С	1	
27	26NA 3230 0	TONER SUPPLY OPEN CLOSE SHEET	トナー補給開閉シート		С	1	
28	26NA 3243 0	TONER SUPPLY OPEN CLOSE COVER	トナー補給開閉カバー		C	1	
29	26NA 3269 0	TONER AGITATING SHAFT /2	トナー撹拌軸/2		D	1	
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TONER SUPPLY UNIT

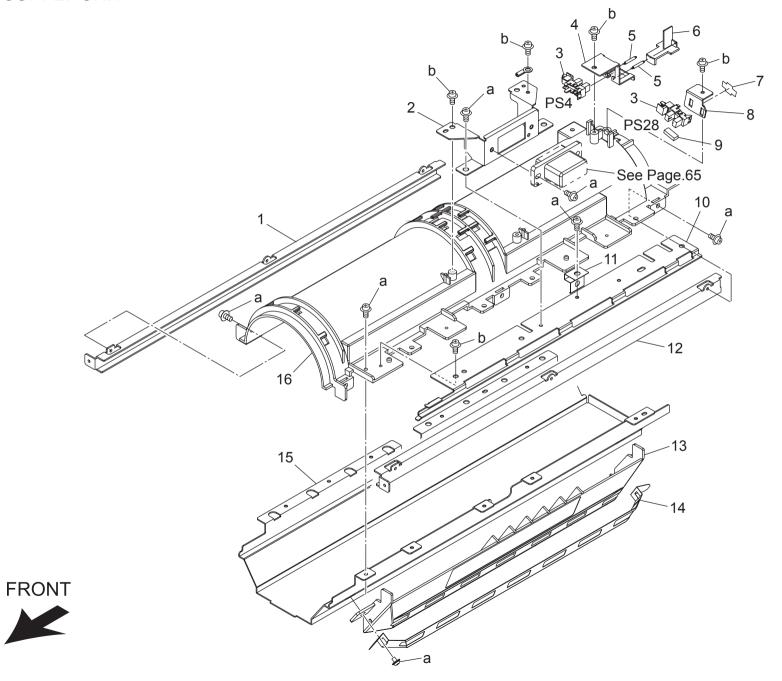


FRONT

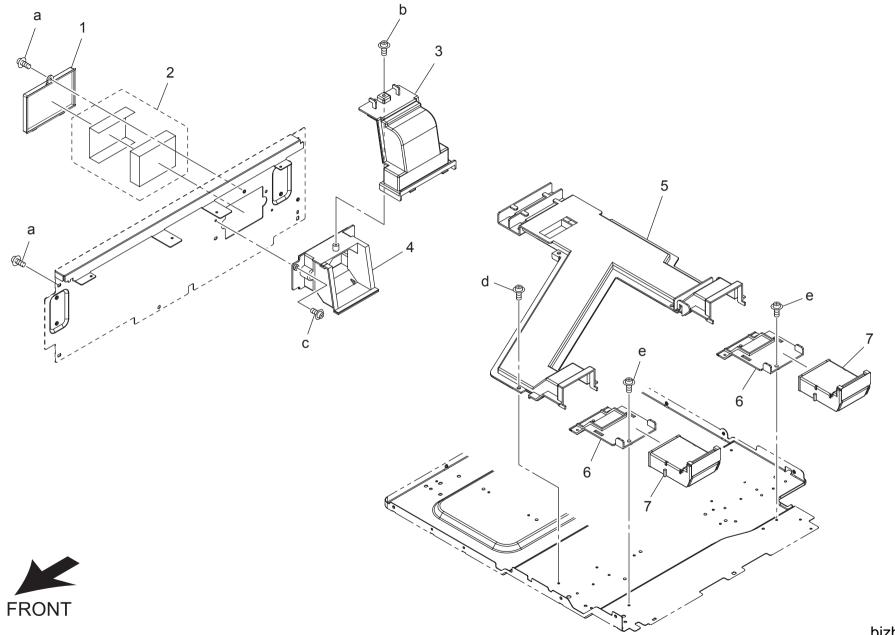
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2 3 4 5 6 7 8 9 10 11 12 13 14	50GA -332 1 26TA 3296 0 26TA 3297 0 26TA 3299 0 50GA -334 1 26TA 3298 0 50GA -333 0 50GA 3285 1 26NA 3287 0 50GA 3312 0 50GA 3311 0 50GA 3326 0 50GA 3310 0	TONER CARTRIDGE PRESSING ASSY CARTRIDGE REGULATING PLATE CARTRIDGE REGULATING SPRING COVER PART TONER SUPPLY GUIDE PART ASSY CARTRIDGE PRESSING SPRING 3 PRESSING ASSY CARTRIDGE PRESSING HANDLE CARTRIDGE PRESSING SPRING 2 CARTRIDGE PRESSING HANDLE B Cartridge Pressing Pedestal TONER SUPPLY SUPPORT SHAFT TONER SUPPLY OPEN CLOSE SPRING TONER SUPPLY SUPPORT PLATE	トナーカートリッジ押圧部組	Destinations	Class C C C C C C C C C C C C C C C C C C C	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	a-V217 0300 50 b-V151 0308 03 c-0026 1042 1 d-V151 0410 03 e-V121 0306 03
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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2 3 4 4 5 6 7 8 9 10	50GA 3308 0E 50GA 3210 2I 50GA 3318 2 50GA 3315 2F 50GE 3315 2F 50GF 3315 2F 50GA 3306 0E 50GA 3309 1E 50GA 3304 0 50GA 3319 0 50GA -337 0 50GA 3321 0 50GA 3332 0	TONER SUPPLY PULLING LEVER Toner supply Guide Plate /Lower TONER SUPPLY AUXILIARY COVER B Toner supply Index Part Toner supply Index Part Toner supply Index Part TONER SUPPLY AUXILIARY COVER LEVER MOUNTING PLATE TONER SUPPLY GUIDE RAIL /MIDDL MOUNTING PLATE /A MOUNTING PART /A ASSY REGULATING SEAL A SCATTER PREVENTING SEAL B	トナー補給引張りレバー トナー補給ガイド板/下 トナー補給補助カバー B トナー補給指標部材 トナー補給指標部材 トナー補給指標部材 トナー補給が付け板 トナー補給ガイドレール/中 取り付け板/ A 取り付け部材/ A 部組 規制シール/ B	A B,G2 C,D1,D3,E,F2,G1,I,K	C C C C C C C C C C C C C C C C C C C	1 1 1 1 1 1 1 1 2 2 2 2	a-V151 0308 03 b-V118 0304 03 c-V121 0306 03
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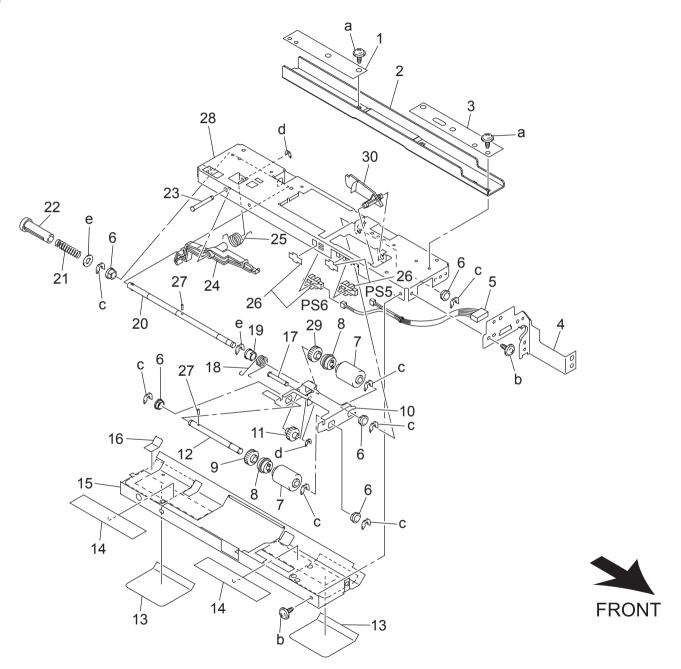


(ey	Part No.		Description	Destinations	Class	QTY	Standard parts
1	50GA 3303 0	TONER SUPPLY GUIDE RAIL/LEFT	トナー補給ガイドレール/左		D	1	a-V121 0304 03
2	50GA 3324 0	CORD MOUNTING PLATE/1	コード取付板/1		D	1	b-V151 0308 03
3	9335 1300 61	PHOTO INTERRUPTER	フォトインタラプタ		В	2	
	50GA 3307 1	MOUNTING PLATE	センサ取付板		Č	1 1	
5	50GA 3317 0E	SLIDE SPRING /A	スライドバネ/ A		Č	2	
_						1	
	50GA 3223 0	DETECTION ACTUATOR	検知アクチェタ		С	· ·	
	4470 4024 01	STOPPER	ストッパ		D	1	
	50GA 3316 1E	MOUNTING PLATE /B	センサ取り付け板/ B		С	1	
9	50GA 3333 0	SCATTER PREVENTING SEAL C	飛散防止シール/ C		С	1	
10	50GA 3314 0	RAIL/LEFT	レール/左		D	1	
11	50GA 3325 0	TONER SUPPLY EARTH PLATE 1	トナー補給アース板 1		С	1	
	50GA 3302 0	TONER SUPPLY GUIDE RAIL/RIGHT	トナー補給ガイドレール/右		D	1	
	50GA 3313 0	COOLING COVER E	冷却カバー E		c	1	
			フィルタ取り付け板部組			1 '	
	50GA -336 0	FILTER MOUNTING PLATE ASSY			A	1	
	50GA 3305 0E	TONER SUPPLY PROTECTION PART	トナー補給保護部材		D	1	
16	50GA 3211 1F	TONER SUPPLY GUIDE PLATE /UPPER	トナー補給ガイド板/上		С	1	
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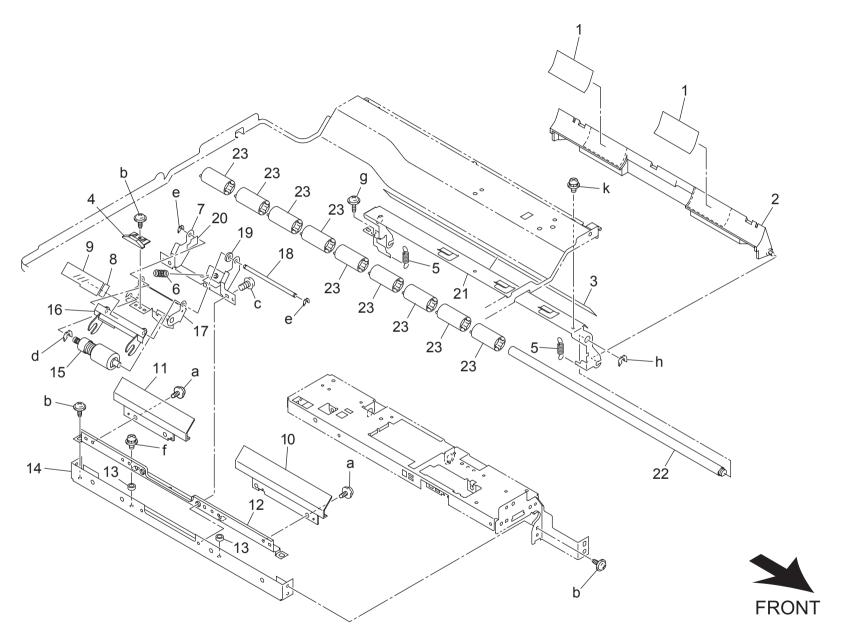


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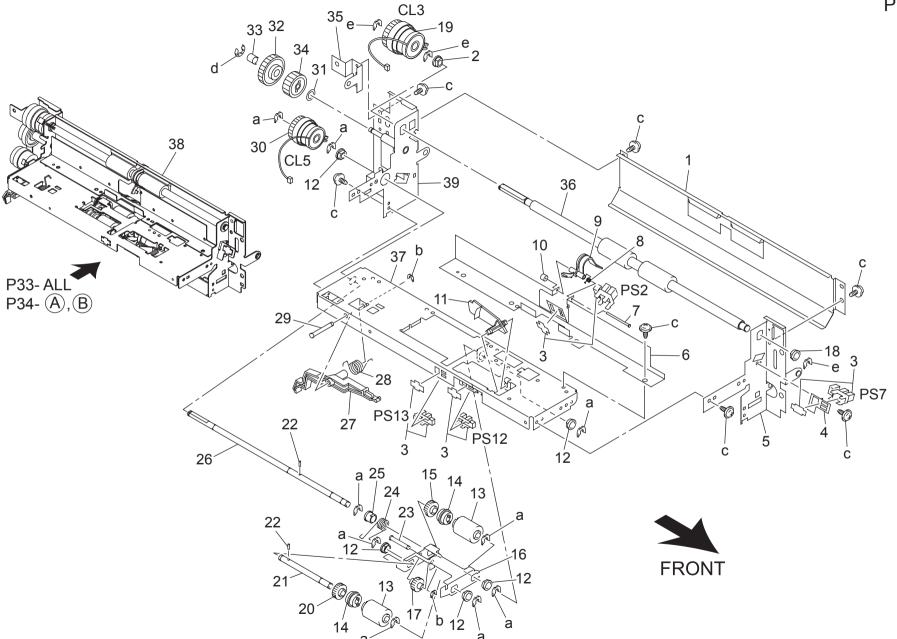
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Key	Part No.	Desc	ription	Destinations	Class	QTY	Standard parts
1 2 3 4 5 6 7	A0R5 R701 00 40LA R705 00 50GA -313 0 50GA -315 0 50GA -316 0 50GA -319 0 50GA -311 0	Filter Cover ASSY SUCTION FILTER A ASSY SUCTION COVER 6 ASSY FAN COVER ASSY SUCTION COVER 1 ASSY SUCTION COVER 8 ASSY SUCTION COVER 2 ASSY	フィルターカバー A S S Y サクションフィルタ/ A 部組 サクションカバー/6 部組 ファンカバー部組 サクションカバー 1 部組 サクションカバー/8 部組 サクションカバー/2 部組		A A D D D	1 1 1 1 1 2 2	a-V121 0306 03 b-V151 0308 03 c-V137 0308 03 d-V144 0306 03 e-V144 0308 03



Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	4030 3087 01	REINFORCE PLATE	補強板		D	1	a-9735 0308 14
2	4030 3084 01	REINFORCE PLATE	補強板		D	1	h_0735 0306 14
3	4030 3086 01	REINFORCE PLATE	補強板		D	1	c-4425 3001 01
4	4030 3041 02	FRAME	フレーム		D	1	c-4425 3001 01 d-4425 3002 01 e-9715 0600 01
5	4030 6811 01	WIRE HARNESS ASSY	ハーネス A S S Y		D		e-9/15 0600 01
6	4131 3003 01	BUSHING	軸受		C	5	
7	4030 3005 01	ROLLER	ローラ		Ä	2	
8	4030 3003 01	CLUTCH	クラッチ		Ĉ	2	
9	4425 3016 01	GEAR 32T	デヤ 32 T		C	4	
		HOLDER	ホルダ		D	1	
10	4030 3002 02	GEAR 29T	ボルタ ギヤ 29 T			1	4
11	4030 3008 01				С		
12	4030 3003 01	SHAFT	シャフト		D	1	
13	4030 3036 01	GUIDE	ガイド		С	2	
14	4030 3088 01	WEIGHT	重り		С	2	
15	4030 3023 03	GUIDE PLATE	ガイド板		D	1	
16	4030 3085 01	COVER	カバー		С	1	
17	4040 3097 01	SHAFT	シャフト		D	1	
18	4030 3030 01	TORSION SPRING	ねじりコイルばね		С	1	
19	1065 3086 01	BUSHING	シ゛クウケ		С	1	
20	4030 3004 01	SHAFT	シャフト		D	1	
21	1070 3072 01	PRESSURE SPRING	アッシュクスフ゜リンク゛		С	1	
22	1052 4412 01	JOINT	シ゛ョイント		C	1	
23	4040 3096 01	SHAFT	シャフト		D	1	
24	4030 3011 03	LEVER	レバー		Č		
25	4030 3011 03	TORSION SPRING	ねじりコイルばね		C	1	
26	4037 0906 01	PHOTO INTERRUPTER	フォトインタラプター		В	2	-
	1067 2501 01	PIN	E ° \(\)		C	2	
27 28		FRAME	フレーム		D	2	
	4030 3001 03						
29	4425 3013 01	GEAR 30T	#7 30 T		С	1 1	
30	4030 3016 12	ACTUATOR	アクチュエータ		С	1	-
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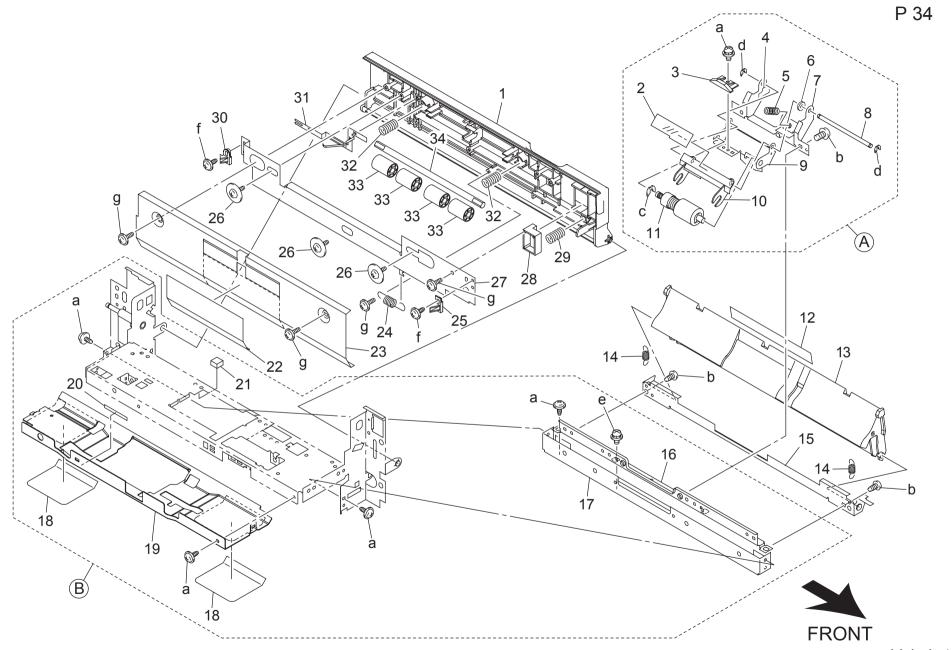


Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	4030 3108 01	GUIDE	ガイド		С	2	a-9735 0308 14 b-9735 0306 14
2	4030 3032 03	GUIDE	ガイド		D	1	b-9735 0306 14
3	50GA 4001 0	ROLLER GUIDE SHEET	ローラガイドシート		С	1	c-9743 0308 14
4	4030 3078 01	LEVER	レバー		C	1	d-4425 3001 01
5	4030 3125 01	TENSION SPRING	引張コイルばね		Č	2	e-4425 3002 01 f-9646 0308 14
6	4030 3017 03	PRESSURE SPRING	圧縮コイルばね		C	1	g-0730 0306 14
7	4030 3017 03	BRACKET	取付板		D	1	g-9739 0308 14 h-1066 1151 01
							k-9646 0306 14
8	4030 3080 01	GUIDE	ガイド		С	1	
9	4030 3079 01	GUIDE	ガイド		С	1	
10	4030 3026 02	GUIDE	ガイド		D	1	
11	4030 3027 02	GUIDE	ガイド		D	1	
12	4030 3037 01	REINFORCE PLATE	補強板		D	1	
13	26NA 2030 0	SEPARATE ROCKING COLLAR	分離揺動カラー		С	2	
14	4030 3025 02	BRACKET	取付板		D	1	
	4030 0151 01	SEPARATION ROLLER ASSY	分離ローラ ASSY		Ā	1	
16	4030 3077 01	GUIDE	ガイド		D	1	1
			カイト			1	
17	4030 3013 01	HOLDER			D		
	4030 3039 01	SHAFT	シャフト		D	1	
19	4040 5610 00	Spacer	スペーサ		D	1	
20	4040 5612 00	Spacer	スペーサ		D	1	
21	50GA 4003 0	ROLLER MOUNTING PLATE UPPER	ローラ取り付け板/上		D	1	
22	50GA 4002 0	PAPER FEED ROLLER SHAFT	給紙ころがり軸		С	1	
23	4658 3513 01	ROLLER	ローラ		C	9	
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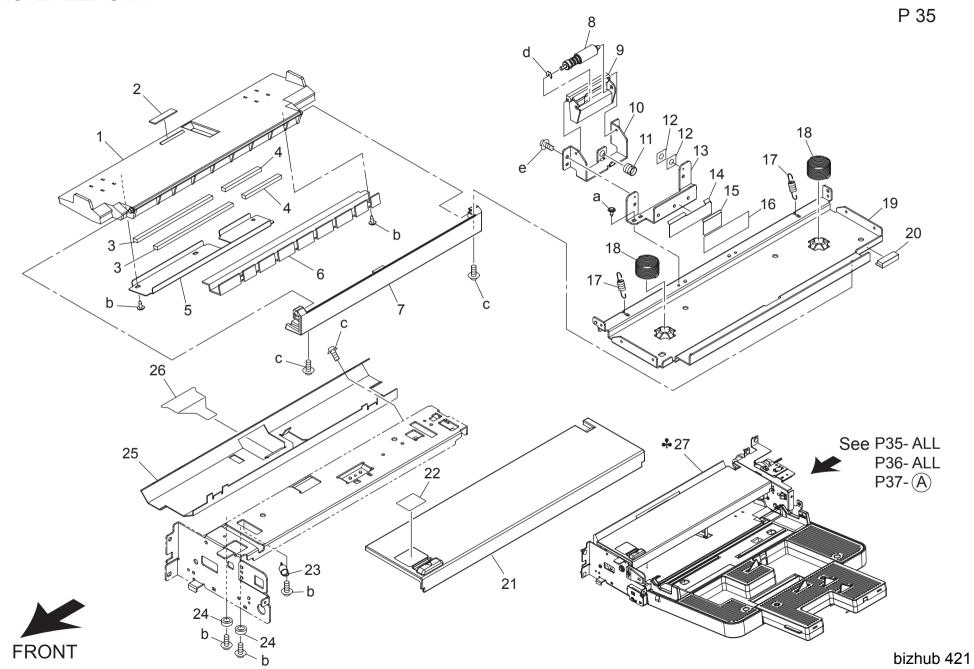


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1 4030 3112		ガイド板		D	1	a-4425 3001 01 b-4425 3002 01 c-9735 0306 14
2 4131 3532		軸受		С	1	b-4425 3002 01
3 4037 0906		フォトインタラプター		В	4	d-9735 0306 14 d-9721 0400 01
4 4030 3128	01 BRACKET	取付板		D	1	e-1066 1151 01
5 4030 3042	02 FRAME	フレーム		D	1	0 1000 1101 01
6 4030 3018	01 BRACKET	取付板		D	1	
7 1200 5212	04 PIN	l ヒ ° ン		D	1	
8 4030 3031	01 TORSION SPRING	ねじりコイルばね		С	1	
9 4030 3019		アクチュエータ		C	1	
0 1134 3041		カラー		D	1	
1 4030 3016		アクチュエータ		C	1	
2 4131 3003		軸受		č	5	
4030 3005		ローラ		Ä	2	
		クラッチ				
4 4030 3034				С	2	
4425 3013		ギヤ 30 T		С	1	
4030 3002		ホルダ		D	1	
4030 3008		ギヤ 29 T		C	1 1	
50GA 4005		給紙軸受		С	1	
50GA 8202		搬送 クラッチ		С	1	
4425 3016	01 GEAR 32T	ギヤ 32 T		С	1	
4030 3003	01 SHAFT	シャフト		D	1	
1067 2501		le° v		С	2	
4040 3097		シャフト		D	l 1	
4030 3030		ねじりコイルばね		Č	1 1	
1065 3086		シ゛クウケ		Č	l i	
4030 3022		シャフト		D	1	Ⅎ
		レバー				
4030 3011				С	1 1	
4030 3012		ねじりコイルばね		С	1 1	
4040 3096		シャフト		D	1	
9322 1500		クラッチ		С	1	
4030 3092		ワッシャ		D	1	
4030 3064	01 GEAR 33T	ギヤ 33 T		С	1	
4030 3069		スリーブ		D	1	
4030 3068	01 GEAR 26T	ギヤ 26 T		С	1	
4030 3063		取付板		D	1	
4030 3021		ローラ		C	1	1
4030 3010		フレーム		č	l i	
50GA -400		給紙2部組		s		
50GA -400 50GA -402		フレームASSY		D		

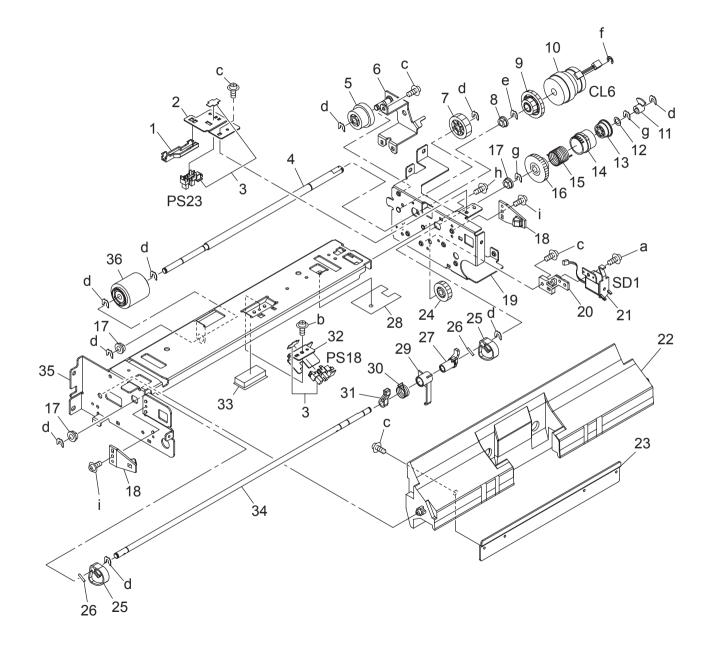
PAPER FEED UNIT



Key	Part No.		Description	Destinations	Class	QTY	Standard part
1	A0R5 5611 00	Door			С	1	a-9735 0306 14
2	4030 3079 01	GUIDE	ガイド		С	1	b-9743 0308 14 c-4425 3001 01
3	4030 3078 01	LEVER	レバー		С	1	c-4425 3001 01
4	4040 5612 00	Spacer	スペーサ		D	1	d-4425 3002 01 e-9646 0308 14
5	4030 3017 03	PRESSURE SPRING	圧縮コイルばね		Ċ	1	f-9735 0308 14
6	4040 5610 00	Spacer	スペーサ		D	1	g-9739 0308 14
7	4030 3014 01	BRACKET	取付板		D	1	9 37 33 3300 14
		SHAFT	シャフト		D		
8 9	4030 3039 01				_		
	4030 3013 01	HOLDER	ホルダ		D	1	
0	4030 3077 01	GUIDE	ガイド		D	1	
1	4030 0151 01	SEPARATION ROLLER ASSY	分離ローラ ASSY		Α	1	
2	4030 3105 01	GUIDE	ガイド		С	1	
3	4030 3124 03	GUIDE	ガイド		D	1	
4	4030 3125 01	TENSION SPRING	引張コイルばね		С	2	
5	4030 3129 03	BRACKET	取付板		D	1	
3	4030 3037 01	REINFORCE PLATE	補強板		D	1	1
7	4030 3025 02	BRACKET	取付板		D	1	
3	4030 3036 01	GUIDE	ガイド		C	2	
)	4030 3095 01	GUIDE PLATE	ガイド板		Č	1	
			スペーサ				
)	50GA 4007 00	FILM			С		_
	50GA 4006 00	CUSHION	防振材		С	1	
	4030 3107 01	GUIDE	ガイド		С	1	
	4030 3114 02	GUIDE PLATE	ガイド板		D	1	
	4030 3116 01	TENSION SPRING	引張コイルばね		С	1	
	4030 3135 01	LEVER	レバー		С	1	
Č.	4163 5293 01	SCREW	ねじ		С	3	
7	4030 3117 02	BRACKET	取付板		D	1	
3	A0R5 5630 00	Handle	取手		Č	1	
	1149 3454 01	PRESSURE SPRING	圧縮コイルばね		Č	l i	
0	4030 3115 01	LEVER	レバー		č	1	
1	4030 3113 01	EARTH GROUND	アース		C	1	
2	4030 3123 01	PRESSURE SPRING	圧縮コイルばね		С	2	
3	4030 3122 01	ROLL	ころ		С	4	
4	4030 3121 01	SHAFT	シャフト		D	1	
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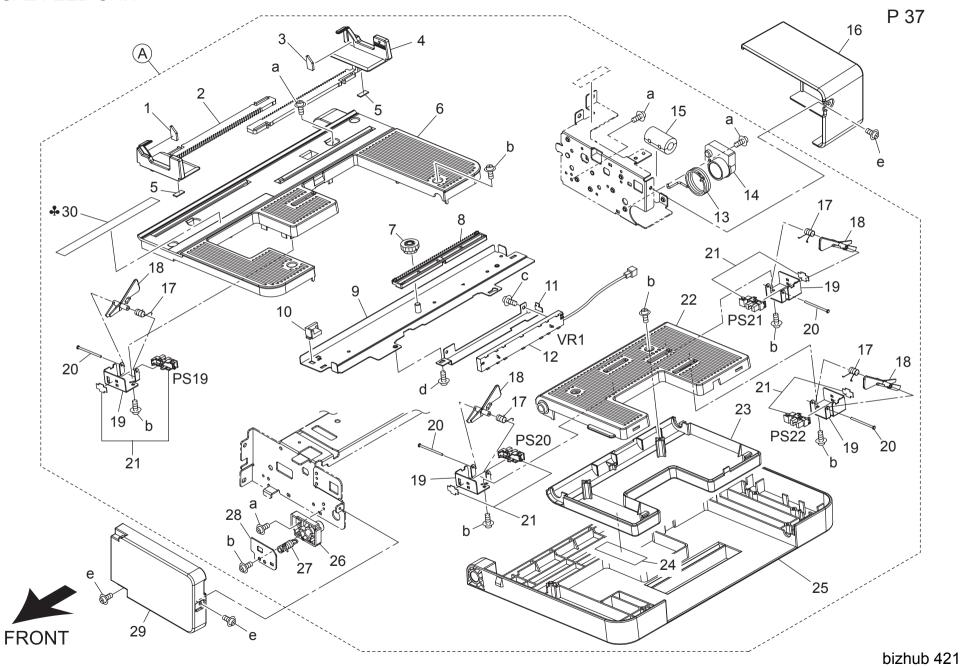
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	A0R5 6009 00	Lifting Plate	押上げ板		D	1	a-V144 0308 03 b-V153 0308 03 c-V137 0308 03 d-V218 0300 86
2	4687 3281 01	FRICTION SHEET	摩擦板		С	1	b-V153 0308 03
3	4030 3477 01	SEAL	シール		С	2	c-V137 0308 03
4	4030 3476 01	SEAL	シール		C	2	e-V116 0300 86
5	4030 3456 01	REINFORCE PLATE	補強板		D	1	e-v 110 0300 03
6	4030 3484 01	WEIGHT	重り		D	1	
7	A0R5 6025 00	Holder	ホルダ		D	1	
8	4034 0151 01	SEPARATION ROLLER	分離ローラ		Ā		
9	4131 3053 02	HOLDER	ホルダ		Ď		
10	4030 3404 01	BRACKET	取付板		D		
11	4030 3475 01	PRESSURE SPRING			C	1	4
			左腕コイルはね スペーサ		C		
12	4030 3492 01	SPACER				2	
13	4030 3474 01	BRACKET	取付板		D	1	
14	4030 3402 01	GUIDE PLATE	ガイド板		С	1	
15	4030 3403 01	GUIDE	ガイド		С	1	
16	4030 3489 01	SEAL	シール		С	1	
17	4030 3428 01	TENSION SPRING	引張コイルばね		С	2	
18	4030 3457 03	PRESSURE SPRING	圧縮コイルばね		С	2	
19	4030 3424 01	BRACKET	取付板		D	1	
20	4030 3448 01	CUSHION	クッション		С	1	
21	A0R5 6042 00	Cover /Upper	カバー/上		D	1	
22	A0R5 9421 01	Label	ラベル		С	1	
23	4030 3438 01	TENSION SPRING	引張コイルばね		Č	1	
24	4030 3481 01	COLLAR	カラー		č	2	
25	4040 3496 01	GUIDE	ガイド		Ď	1	
26	4040 3495 01	GUIDE	ガイド		C	1	
	A0R5 R703 00	Multi Bypath UNIT	マルチ手差しユニット	Δ	C		
27		Multi Bypath UNIT		A B,G2	C	1	
27	A0R5 R704 00		マルチ手差しユニット				
27	A0R5 R705 00	Multi Bypath UNIT	マルチ手差しユニット	C,D1,D3,E,F2,G1,I,K	С	1	
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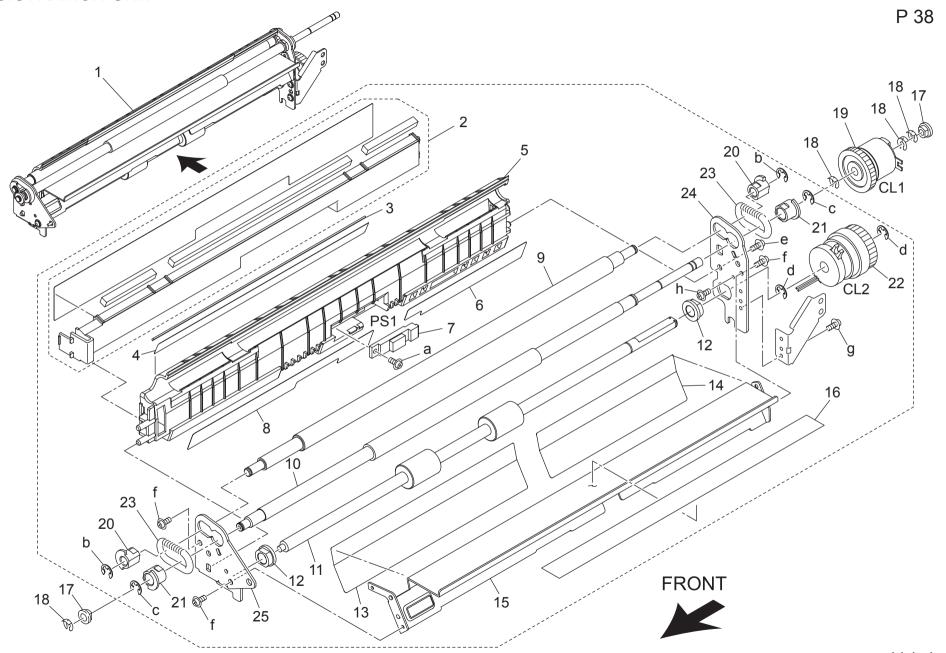


Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	4030 3429 02	MEMBER	押え材		D	1	a-V153 0308 03
2	4030 3479 01	BRACKET	取付板		D	1	b-V137 0306 03
3	4037 0906 01	PHOTO INTERRUPTER	フォトインタラプター		В	2	c-V137 0308 03 d-V218 0400 86
4	4030 3434 01	SHAFT	シャフト		D	1	e-V217 0600 01
5	4030 3441 01	GEAR 20/25T	ギヤ 20/25 T		С	1	f-V218 0600 86
6	4030 R708 00	BRACKET ASSY	取付板 ASSY		D	1	g-V217 0400 01
7	1075 2565 01	GEAR 25T	ギヤ 25 T		С	1	h-V136 0308 03
8	4658 3517 01	BUSHING	軸受		С	1	i-V144 0308 03
9	4030 3467 01	GEAR 16/30T	ギヤ 16/30 T		С	1	
10	9J06 M201 00	CLUTCH	クラッチ		С	1	
11	4030 3478 02	SHIELD PLATE	遮光板		D	1	
12	4131 4128 01	WASHER	ワッシャ		С	1	
13	4131 3007 02	DRUM	ドラム		D	1	
14	4030 3420 02	RATCHET	ラチェット		С	1	
15	4030 3419 01	TORSION SPRING	ねじりコイルばね		В	1	
16	4131 3004 02	GEAR 30T	ギヤ 30 T		C	1	7
17	4030 3093 01	BUSHING	軸受		Č	3	
18	4030 3430 01	LEVER	レバー		Č	2	
19	4030 R707 00	BRACKET ASSY	取付板 ASSY		Č	1	
20	4030 3422 01	HOLDER	ホルダ		D	1	
21	9J06 M200 00	SOLENOID	フラッパーソレノイド		C	1	
22	4030 3401 13	HOLDER	ホルダ		Ď	1 1	
23	4030 3401 13	REINFORCE PLATE	補強板		D		
23	1300 3322 17	GEAR 20T	神通版 ギヤ 20 T		C		
25		CAM	カム		C	2	
26	4030 3417 01	PIN	E°ン		D		4
	1067 2502 01		ホルダ			2	
27	4030 3464 01	HOLDER	ガイド		D	1 1	
28	4030 3447 01	GUIDE			C		
29	4030 3444 01	ACTUATOR	アクチュエータ		C	1	
30	4030 3445 01	TORSION SPRING	ねじりコイルばね		C	1	
31	4030 3465 01	HOLDER	ホルダ		D	1	
32	4040 3443 01	BRACKET	取付板		D	1	
33	4040 3497 01	CUSHION	防振材		C	1	
34	4030 3416 02	SHAFT	シャフト		D	1	
	4030 3432 07	BRACKET	取付板		С	1	
36	4131 3001 01	ROLLER	ローラ		A	1	
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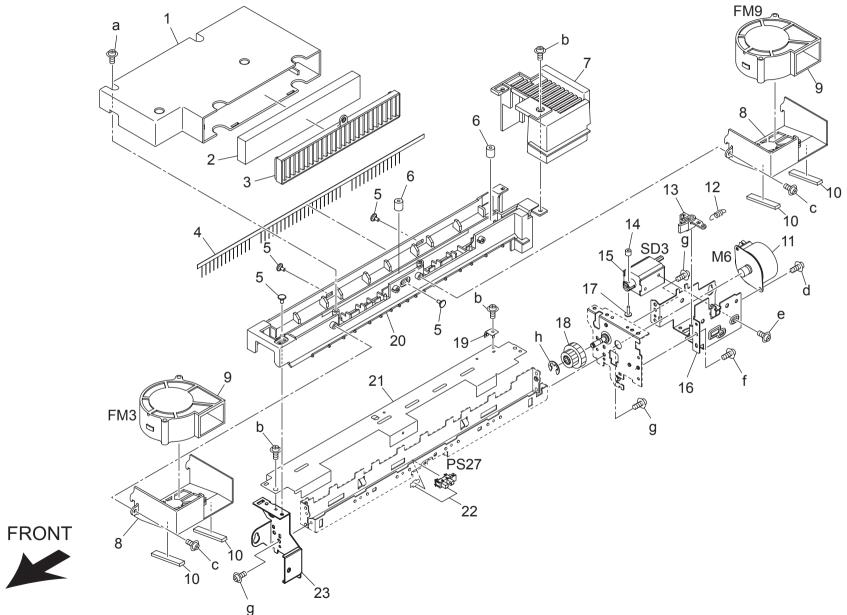
MANUAL FEED UNIT



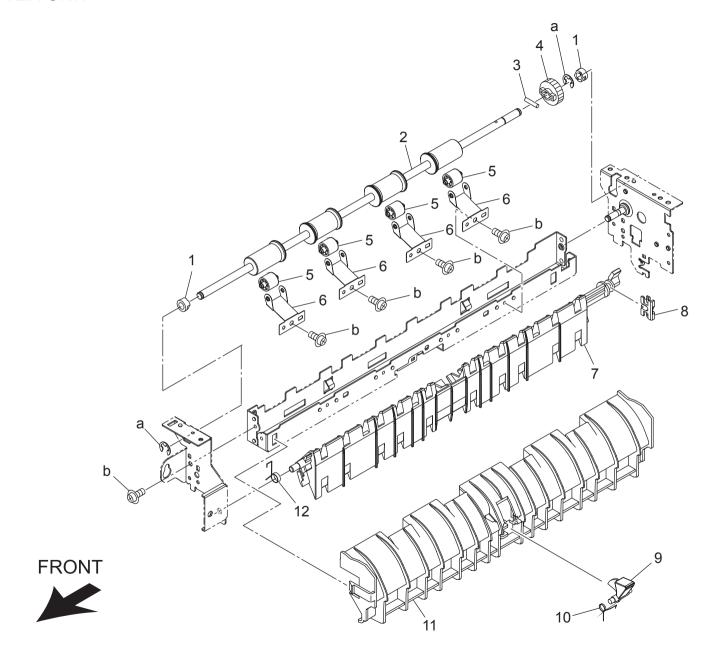
Cey	Part No.		Description	Destinations	Class	QTY	Standard parts
1	4030 3486 01	BRAKE	ブレーキ材		С	1	a-V137 0308 03
2	A0R5 6010 00	Regulating Plate	規制板		С	1	b-V153 0308 03
3	4030 3487 01	BRAKE	ブレーキ材		С	1	c-V116 0306 03
	A0R5 6011 00	Regulating Plate	規制板		C	1	d-V137 0306 03
	4131 4623 04	CLEANING PAD	クリーニングパッド		Č	2	e-V137 0308 04
-	A0R5 6066 00	Cover	カバー		C	1	_
	4030 3412 01	GEAR 13/18T	ギヤ 13/18 T		С	1	
8	4030 3460 02	RACK	ラック		С	1	
	4030 0216 05	BRACKET ASSY	取付板 ASSY		D	1	
10	4030 3463 01	STOPPER	ストッパ		D	1	
11	4030 3455 02	BRACKET	取付板		D	1	
12	4037 6899 01	RESISTOR	テイコウキ		D	1	
	4030 3436 01	TORSION SPRING	ねじりコイルばね		С	1	
	4030 3472 01	HOLDER	ホルダ		D	1	
					D		
	9326 1910 31	FERRITE CORE	フェライトコア				
	A0R5 6026 00	Cover	カバー		С	1	
	4030 3446 01	TORSION SPRING	ねじりコイルばね		С	4	
18	4030 3415 02	ACTUATOR	アクチュエータ		С	4	
19	4030 3414 01	BRACKET	取付板		D	4	
	1134 3042 02	SHAFT	シャフト		D	4	
	4037 0906 01	PHOTO INTERRUPTER	フォトインタラプター		В	4	┪
					C	1	
	A0R5 6023 00	Tray					
	A0R5 6059 00	Cover	カバー		C	1	
	A0R5 9430 00	Label	ラベル		С	1	
	A0R5 6008 00	Tray	トレイ		С	1	
26	4030 3473 02	HOLDER	ホルダ		D	1	
	4030 3435 01	TORSION SPRING	ねじりコイルばね		С	1	
	4030 3437 01	BRACKET	取付板		Ď	1	
	A0R5 6108 01	Cover /Front	カバー/前		C	1	
						1	
	4030 7306 02	SCALE METRIC	スケール メトリック	A	C		_
	4030 7308 02	SCALE INCH	スケール インチ	B,G2	С	1	
30	4030 7307 02	SCALE METRIC	スケール メトリック	C,D1,D3,E,F2,G1,I,K	D	1	
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Key	Part No.		Description	Destinations	Class	QTY	Standard part
1	50GA -380 1	REGISTRATION ASSY	レジスト部組		С	1	a-V145 0308 03 b-V217 0400 50 c-V217 0500 50
2	50GA -382 0	REGISTRATION CLEANER ASSY	レジストクリーナー部組		С	1	b-V217 0400 50
3	50GA 3875 0D	Regist Dust-proof Part	レジスト防塵部材		С	1	c-V217 0500 50 d-V217 0600 50
4	50GA 3870 0E	Transfer Guide Sheet	転写ガイドシート		С	1	e-V151 0308 03
5	50GA 3854 1F	Regist Main body	レジスト 本体		D	1	f-V144 0306 03
6	50GA 3858 1F	Paper feed Regulating Sheet	給紙規制シート		С	1	g-V123 0306 0 h-V121 0314 0
7	13QA 8552 1	SENSOR 2	センサ 2		В	1	ň-V121 0314 0
8	50GA 3869 1F	Paper feed Regulating Sheet /Middle	給紙規制シート/中		c	1	
9	50GA 3849 0	REGISTRATION ROLLER B	レジスト ローラ B		Č	1	
10	50GA 3848 0	REGISTRATION ROLLER A	レジストローラ A		В	1	
11	50GA 3865 0E	PAPER FEED CONNECTING ROLLER	給紙連結ローラ		В	1	
12	26NA 4082 0	PAPER FEED SLIDE BUSHING	給紙滑り軸受		В	2	
13	50GA 3879 0	REGIST GUIDE SHEET FRONT	レジストガイドシート 前		Č	1	
14	50GA 3861 0	REJIST GUIDE SHEET REAR	レジストガイドシート 奥		Č	1	
15	50GA 3868 0E	Regist Guide Plate	レジストガイド板		D		
16	50GA 3666 0E	Drum Caution Label	ドラム注意ラベル		D	1	
		SHAFT HOLDER 2	トラム注息ラヘル 軸受 2		C	2	
17	13QA 7602 1 12QV 4066 0	SHAFT HOLDER 2 SHAFT POSITIONING PART	軸文 2 軸位置決め部材		C	4	
18					_	1	
9	57AA 8203 0	CONVEYANCE DRIVE CLUTCH	搬送駆動クラッチ		С	1	
20	26NA 4537 1	REGISTRATION UNIT SHAFT HOLDER /2	レジスト軸受/2		В	2	
21	26NA 4536 0	REGISTRATION UNIT SHAFT HOLDER /1	レジスト軸受/1		В	2	
22	50GA 8202 0	CONVEYANCE CLUTCH	搬送 クラッチ		С	1	
23	26NA 4514 1	REGISTRATION UNIT SPRING	レジストバネ		В	2	
24	50GA 3867 0E	REGIST SUPPORT PANEL /REAR	レジスト支持パネル/奥		D	1	
25	50GA 3813 0	REGIST SUPPORT PANEL FRONT	レジスト支持パネル/前		D	1	



Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	A0R5 8704 00	Cover	カバー		С	1	a-V153 0310 03
2	50GA 4406 0	PAPER EXIT SUCTION FILTER	排紙サクションフィルタ		Α	1	b-V136 0308 03
3	A0R5 8705 00	Cover /Right	カバー/右		С	1	c-V153 0306 03 d-V135 0308 03
4	4040 3833 02	NEUTRALIZING BRUSH	除電ブラシ		D	1	e-V135 0308 03 e-V116 0306 03
5	4011 5852 02	SHOULDER SCREW	段ねじ		C	4	f-V137 0306 03
6	4498 3388 01	COLLAR	カラー		C	2	g-V121 0306 03
7	A0R5 8820 00	Cover /Upper	カバー/上		D	1	g-V121 0306 03 h-V218 0400 86
8	A0R5 8711 00	Cover	カバー		D	2	
9	9313 1100 33	FAN MOTOR	ファンモータ		Č	2	
10	50GA 4407 0	PAPER EXIT SEAL /1	排紙 シール/1		Č	4	
11	9314 1200 91	MOTOR	パルスモータ		C	1	-
12	4030 3810 01	TENSION SPRING	引張コイルばね		Č	1 1	
13	4030 3809 01	LEVER	レバー		Č	1 1	
14	1200 2105 02	COLLAR	カラー		D	1	
15	9321 2200 32	SOLENOID	ガラ 直流プランジャソレノイド		C	1	
16		BRACKET ASSY	取付板 ASSY		D	1	-
	4030 0207 04		収り板 ASSY			1	
17 10	4002 3779 01 4030 3821 01	PIN GEAR	ギヤ		D C	1 1	
18							
19	4030 3834 01	EARTH GROUND	アース		С	1	
20	A0R5 8703 00	Guide Part	ガイド材		D	1	4
21	50GA 4402 0	MOUNTING STAY /RIGHT	取り付けステー/右		D	1	
22	4037 0906 01	PHOTO INTERRUPTER	フォトインタラプター		В	1	
23	50GA 4410 0E	Paper exit Panel /Front	排紙 パネル/前		D	1	
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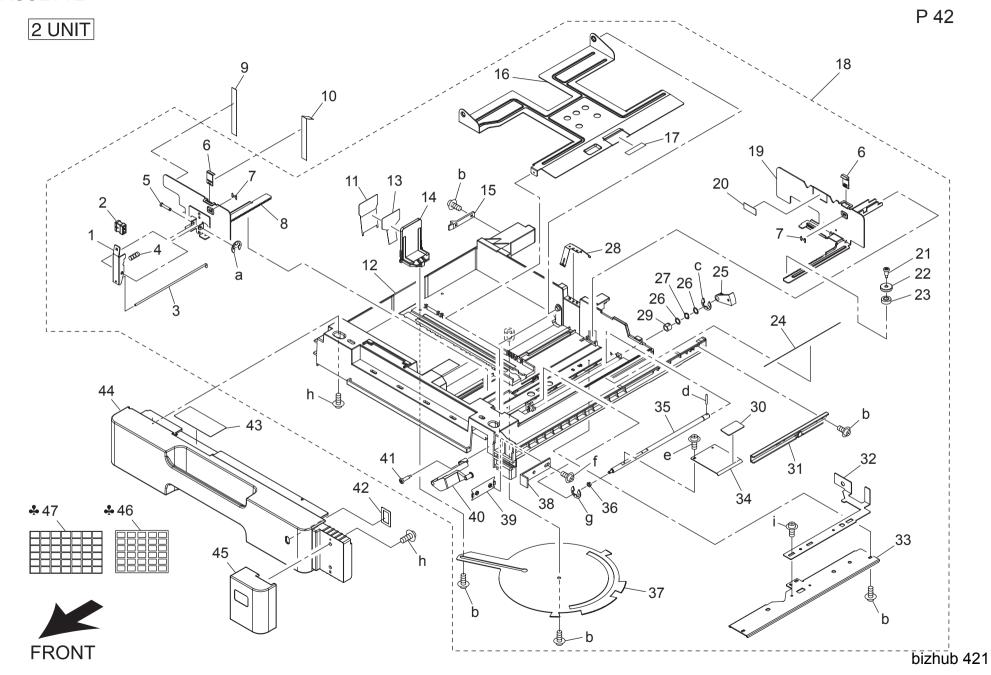


Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2 3	1139 3169 01 50GA 8601 00 4131 2536 02	BUSHING Paper exit Roller /1 PIN	軸受 排紙ローラ/ 1 ピン		C C C	2 1 1	a-V218 0400 86 b-V137 0306 03
4 5 6	4030 3826 01 4426 4411 02 4030 3817 01	GEAR ROLL PLATE SPRING	ギヤ ロール 板ばね		C C	1 4 4	-
7 8 9 10	4030 3807 03 4030 3823 01 4030 3818 02 4030 3819 01	GUIDE BUSHING ACTUATOR TORSION SPRING	ガイド 軸受 アクチュエータ ねじりコイルばね		D D C C	1 1 1 1	
11 12	4030 3805 02 4030 3808 01	GUIDE TORSION SPRING	ガイド ねじりコイルばね		D C	1	
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CONVEYANCE UNIT P 41 TSL 26 FRONT 22 23

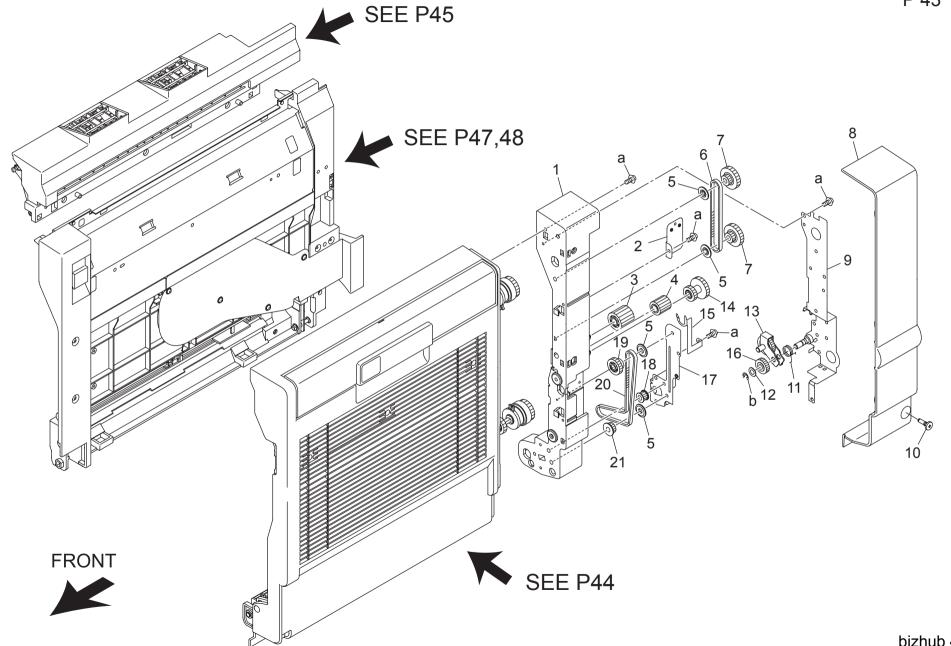
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	26NA 4552 0	STICKING PART	貼り部材		С	3	a-V121 0306 03
2	50GA 4571 0	PTL LIGHT BLOCKING SHEET	PTL 遮光シート		Č	1	b-V111 0304 03
3	50GA -913 0	PTL	PTL		i	1	c-V151 0308 03
4	50GA 4522 1	OPEN CLOSE LEVER 1			Ċ	1 1	
5	50GA 4533 0	LOCK SPRING 2	ロックバネ 2		Č	1	
6	50GA 4535 1	CONVEYANCE HANDLE	搬送把手		C	1	
7	50GA 4533 1 50GA 4521 0D	Conveyance Open/close Shaft	搬送開閉軸		D	1	
8	50GA 4521 0D 50GA 4553 0	CONVEYANCE COVER SHEET	搬送カバーシート		C	2	
9	50GA 4508 0	LIFTING PLATE	持ち上げ板		D	1	
10	26NA 4507 1	LIFT UP SPRING	持上げバネ		C	2	
			持ち上げバネ 2		C		4
11	26NA 4549 0	LIFTING SPRING 2			D	2	
12	50GA 4575 0	CONVEYANCE COVER PART 5	搬送カバー部材 5		_		
13	50GA 4574 0	CONVEYANCE COVER PART 4	搬送カバー部材 4		D	1	
14	50GA 4573 0	CONVEYANCE COVER PART 3	搬送カバー部材 3		D	1	
15	50GA 4558 0	CONVEYANCE COVER PART 1	搬送カバー部材 1		D	1	4
16	50GA 4559 0	CONVEYANCE COVER PART 2	搬送カバー部材 2		D	1	
17	50GA 4532 0	LOCK SPRING 1	ロックバネ 1		C	1	
18	50GA 4531 1	OPEN CLOSE LEVER 2	開閉レバー 2		С	1	
19	26NA 4538 1	STOPPER PLATE	ストッパ板		D	2	
20	50GA 4539 0	CORD COVER	コードカバー		D	1	
21	50GA 4528 0	CONVEYANCE SUPPORT PLATE /2	搬送支持板/2		D	1	
22	50GA -450 0	CONVEYANCE UNIT	搬送ユニット		С	1	
23	50GA -452 0	CONVEYANCE COVER ASSY	搬送カバー部組		D	1	
24	56UA 9792 0	HIGE VOLTAGE CAUTION LABEL	高圧注意ラベル		С	1	
25	50GA 4565 0	EARTH SHAFT 1	アース軸 1		D	1	
26	50GA 4527 0	CONVEYANCE SUPPORT PLATE 1	搬送支持板 1		D	1	
27	50GA 4509 0	EARTH PLATE	アース板		D	1	
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CASSETTE

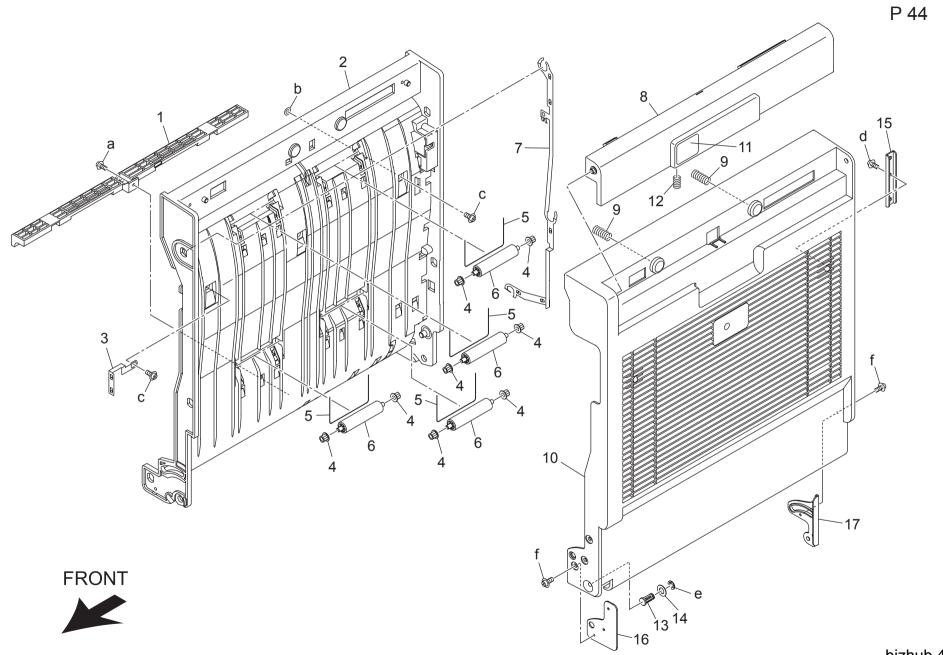


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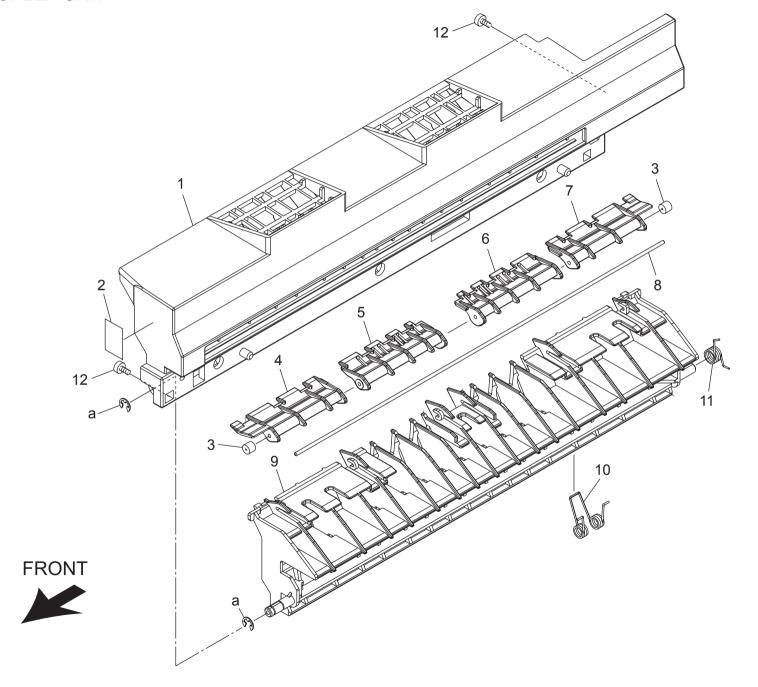
Key Pa	art No.	De	scription	Destinations	Class	QTY	Standard par
1 4128 38	823 01	LEVER	レバー		С	1	a-4425 3002 01
2 4037 32	204 01	KNOB	つまみ		С	1	b-V153 0308 03
3 4030 32	217 01	SHAFT	シャフト		D	1	c-V217 0600 00 d-V232 3025 00
4498 38	825 01	PRESSURE SPRING	圧縮コイルばね		С	1	e-V116 0308 0
4498 38	826 01	SHAFT	シャフト		D	1	f-V137 0310 0
6 4658 30	048 01	GUIDE	ガイド		С	2	g-V217 0300 (
4658 30	049 01	STOPPER	ストッパ		С	2	ň-V153 0410 (
8 4030 32	211 02	REGULATING PLATE	規制板		С	1	i-V144 0406 0
9 50GA 40	4009 00	REGULATING PART /B	規制材/ B		D	1	
0 50GA 4		REGULATING PART /A	規制材/A		D	1	
1 4030 32	228 12	GUIDE	ガイド		С	1	1
2 4030 32		Cassette	カセット		D	1	
3 4030 32		GUIDE	ガイド		C	1	
4 4037 32		REGULATING PLATE	規制板(後)		Č	1 1	
5 4498 34		STOPPER	ストッパ		Ď	l i	
6 4030 32		LIFTING PLATE	押上板		C	1	
7 A00J 62		FRICTION PLATE	摩擦板		č	1	
8 A0R5 A		CASSETTE ASSY	カセット ASSY		S		1
9 4030 32		REGULATING PLATE	規制板		C		1
0 4002 73		LABEL CARRYING CAPACITY	ラベル 積載量		C		1
1 4030 32		SHOULDER SCREW	日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日		C	1	-
		GUIDE	ガイド		D	1	
		GEAR 14T	ギヤ 14 T		C	1	
4 4030 32		GUIDE	ガイド		С	1	
5 4030 32		ACTUATOR	アクチュエータ		С	1	
6 4011 30		WASHER	ワッシャ		С	2	
7 4011 30		WASHER	ワッシャ		C	1	
8 4030 32		Earth ground	アース		С	1	
9 1274 36		BUSHING	ジクウケ		С	1	
4030 32		FRICTION SHEET	摩擦板		С	1	
1 4030 32		REINFORCE PLATE	補強板		D	1	
4030 32		BRACKET	取付板		D	1	
3 4030 32		BRACKET	取付板		D	1	
4 4030 32	206 01	LEVER	レバー		D	1	
5 4030 32	205 01	SHAFT	シャフト		D	1	
6 0992 30	014 01	BUSHING	ジクウケ		С	1	
7 4002 31	108 01	LEVER	レバー		С	1	
8 4030 62	214 00	Stopper	ストッパ		С	1	
9 4030 62	215 00	Plate nut	板ナット		С	1	
A0R5 62		Detecting Lever	検出レバー		C	1	1
1 4030 32		SHOULDER SCREW	段ねじ		С	1	7
2 A0R5 62		Seal	シール		C	1	
3 A02E 94		Label Paper Supply	ラベルペーパー補給		Č	1	
4 A0R5 16		Cover	カバー		Č	1	1
5 A0R5 16		Cover /Right	カバー/右		Č	1	1
6 A0R5 94		Label	ラベル	B.G2	C	1	1
7 A0R5 94		Label	ラベル	A,C,D1,D3,E,F2,G1,I,K	C		



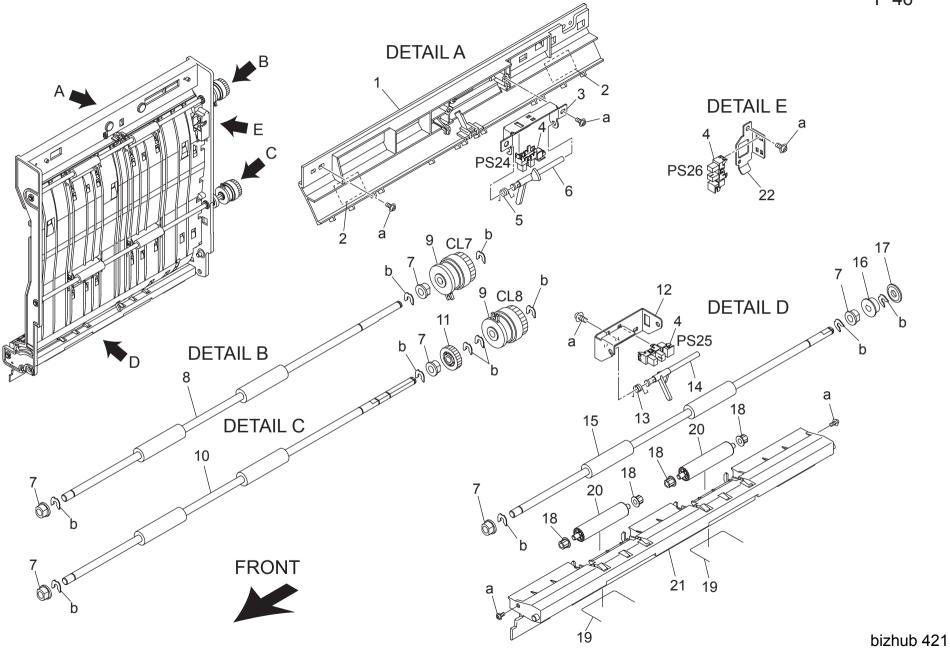
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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	50GA 5031 0	ADU DRIVE MAIN BODY	ADU 駆動本体		D	1	a-9739 0308 14
2	50GA 5012 0	ADU SUPPORT PLATE	A D U 支持板		D	1	b-4425 3001 01
3	4030 3726 01	GEAR	ギヤ		С	1	
4	4030 3713 01	GEAR	ギヤ		С	1	
5	4030 3749 01	COLLAR	カラー		С	4	
6	50GA 5016 0	ADU DRIVE BELT UPPER 213L	A D U 駆動ベルト 上 2 1 3 L		С	1	
7	4030 3748 01	PULLEY	プーリ		С	2	
8	A0R5 8137 00	Drive Cover	駆動力バー		С	1	
9	50GA -519 0	DRIVE PLATE/1 CAULKING	駆動プレート/1カシメ		C	1	
10	4030 3710 01	SHOULDER SCREW	段ねじ		C	1	
11	4030 3733 03	TORSION SPRING	ねじりコイルばね		C	1	
12	50GA 5061 00	ROTATION SPACER	回転スペーサ		Č	1	
13	50GA -520 0	DRIVE PLATE 2CAULKING	駆動プレート/2カシメ		č	1	
14	4030 3725 01	GEAR	ギヤ		Č	1 1	
15	4030 3723 01	EARTH GROUND	アース		Č		
16		INPUT GEAR /1			C	1	=
	50GA 5058 00						
17	50GA 5033 0	ADU DRIVE PLATE /2	ADU 駆動板/2		D	1	
18	4657 3714 01	ROLL	ころ		C	1	
19	4030 3744 01	PULLEY	プーリ		С	1	
20	50GA 5017 0	ADU DRIVE BELT LOWER 312L	ADU 駆動ベルト 下 312 L		С	1	
21	4030 3745 01	PULLEY	プーリ		С	1	
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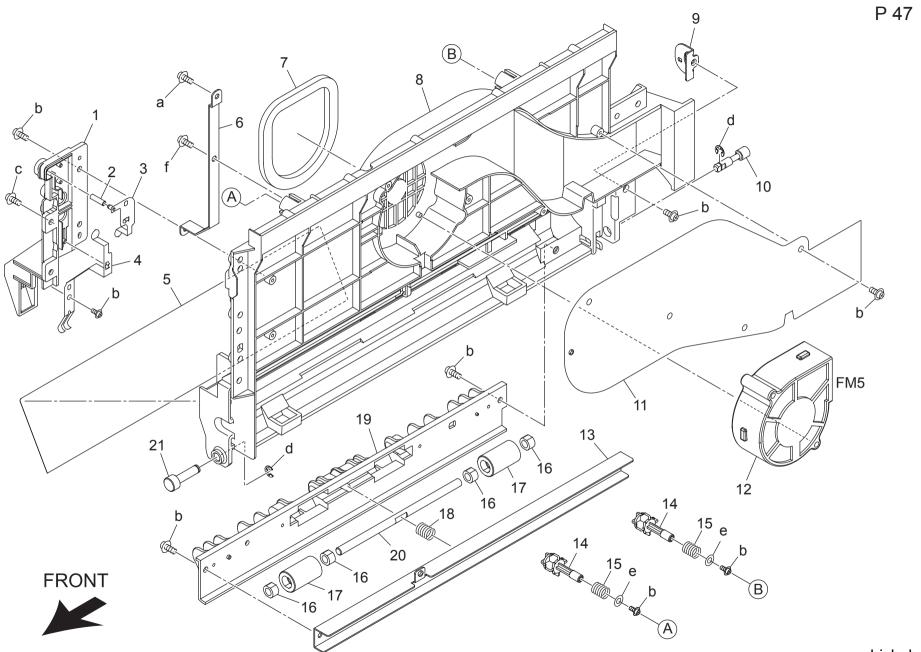
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	4030 3703 01	GUIDE	ガイド		D	1	a-9739 0308 14 b-V211 0400 80 c-V126 0410 03 d-V151 0306 03 e-V217 0400 50 f-V118 0304 03
2	A0R5 8129 00	Main body	本体		С	1	b-V211 0400 80
3	4030 3735 01	EARTH GROUND	アース		С	1	c-V126 0410 03
	50GA 5001 0	SHAFT ROLLER PART	軸転がり部材		Č	8	d-V151 0306 03
5	4497 3114 01	MEMBER	押之材		Č	4	e-V217 0400 50
							_ f-V118 0304 03
6	4497 3116 01	ROLL	<u>ころ</u>		С	4	
	50GA 5035 0	ADU EARTH PLATE 2	ADU アース板 2		С	1	
8	A0R5 8251 00	Lever	レバー		С	1	
9	4030 3755 01	PRESSURE SPRING	圧縮コイルばね		С	2	
10	A0R5 8130 00	Cover	カバー		С	1	
11	A0R5 9421 01	Label	ラベル		C	1	
	4661 3106 01	PRESSURE SPRING	圧縮コイルばね		č	i	
	4001 3100 01		12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
	4661 3150 01	PIN	ピン、		D	1	
	4661 3155 01	WASHER	ワッシャ		D	1	
15	50GA 5057 0	REINFORCE PLATE /2	補強板/2		D	1	
16	50GA 5055 0	REINFORCE PLATE /1	補強板/1		D	1	
	50GA -521 0	DOOR HINGE	ドアヒンジ		С	1	
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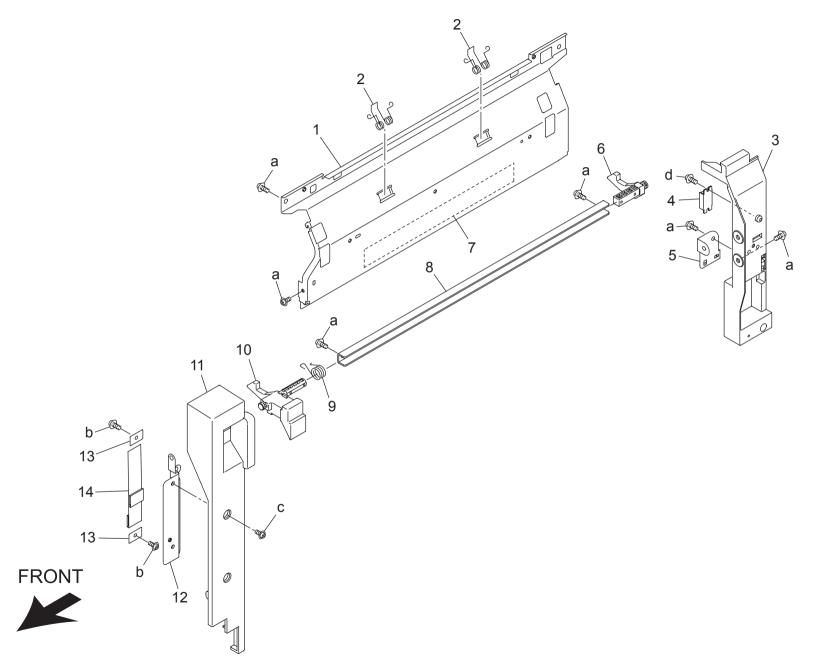
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	A0R5 8136 00	Entrance Guide	入りロガイド		С	1	a-4425 3001 01
2	A0R5 9428 00	Label	ラベル		С	1	
3	1134 3041 01	COLLAR	カラー		D	2	
4	4030 3811 01	GUIDE	ガイド		D	1	
5	4030 3812 01	GUIDE	ガイド		D	l i	
	4030 3812 01	GUIDE	ガイド				
6	4030 3613 01	GUIDE	// 1 r		D	1	
7	4030 3814 01	GUIDE	ガイド		D	1	
8	4030 3829 01	SHAFT	シャフト		D	1	
9	4030 3806 02	GUIDE	ガイド		D	1	
10	4030 3825 02	TORSION SPRING	ねじりコイルばね		С	1	
11	4030 3824 01	TORSION SPRING	ねじりコイルばね		С	1	
12	4011 5852 02	SHOULDER SCREW	段ねじ		Č	2	
12	4011 0002 02	ON OUR DENT OUN EVV	PX18 C			_	
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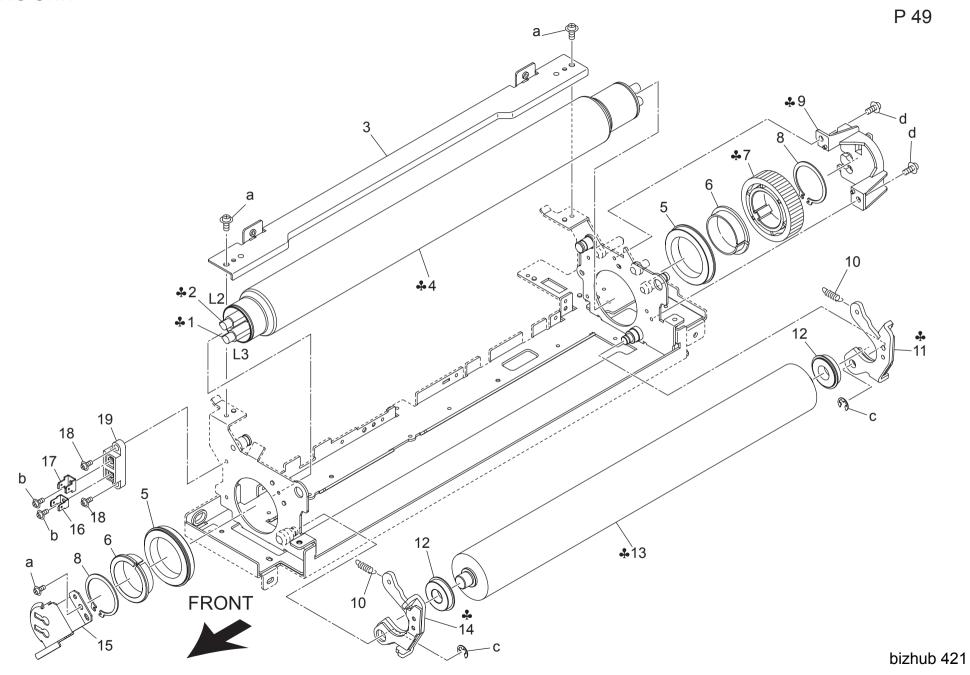
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Key	Part No.		cription	Destinations	Class	QTY	Standard parts
1	A0R5 8206 00	Guide /Upper	ガイド/上		С	1	a-9739 0308 14
2	4030 3760 01	GUIDE	ガイド		С	2	b-4425 3001 01
3	4030 3739 01	BRACKET	取付板		D	1	
4	9335 1300 61	PHOTO INTERRUPTER	フォトインタラプタ		В	3	
5	4030 3738 03	TORSION SPRING ACTUATOR	ねじりコイルばね アクチュエータ		С	1	
6	4030 3737 01	BUSHING			0 0		
7 8	0928 3033 01 4030 3707 01	ROLLER	シ゛クウケ		C	6 1	
9	50GA 8203 0	ADU CLUTCH	A D U クラッチ		C	2	
10	4030 3708 01	ROLLER	ローラ		Č	1	
11	4030 3743 02	GEAR	ギヤ		C	1	
12	4030 3742 01	BRACKET	取付板		Ď	i i	
13	4030 3741 03	TORSION SPRING	ねじりコイルばね		C	1	
14	4030 3740 01	ACTUATOR	アクチュエータ		C	1	
15	4030 3709 01	ROLLER	ローラ		С	1	
16	4030 3750 01	PULLEY	プーリ		С	1	
17	4030 3749 01	COLLAR	カラー		С	1	
18	50GA 5001 0	SHAFT ROLLER PART	軸転がり部材		С	4	
19	4497 3114 01	MEMBER	押え材		С	2	
20	4497 3116 01	ROLL			С	2	
21	A0R5 8138 00	Paper exit Guide	排紙ガイド		С	1	
22	50GA 5041 0	FIXING PLATE	センサ固定板		D	1	
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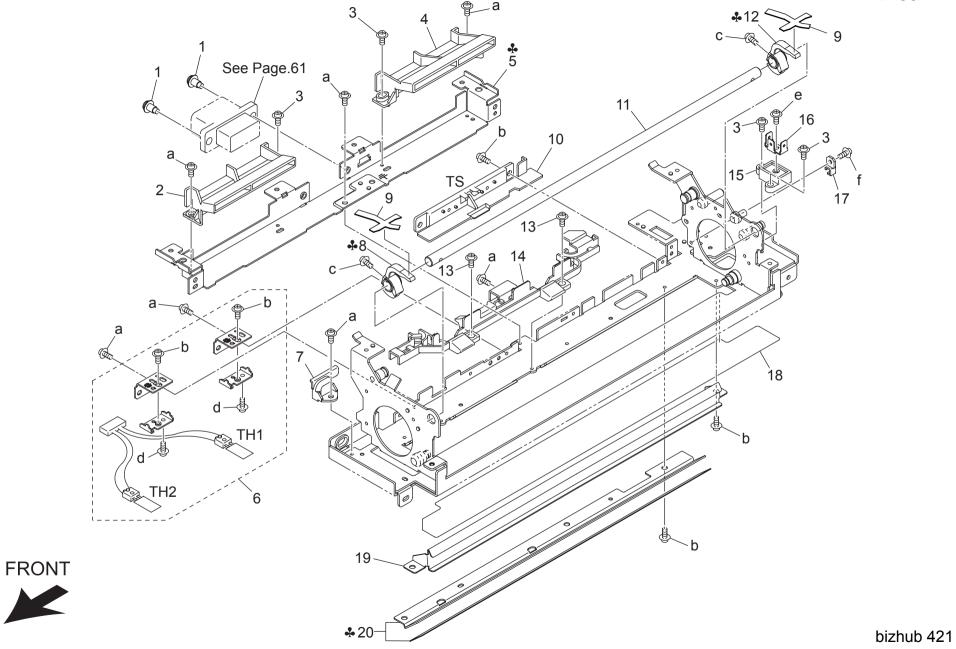
ey	Part No.		Description	Destinations	Class	QTY	Standard part
1	50GA 5053 0	HV CASING	高圧ケーシング		С	1	a-V121 0306 03
2	50GA 5047 0E	HV POWER SUPPLY SPRING	高圧給電バネ		С	1	b-9739 0308 14 c-V151 0312 03 d-V217 0400 50
3	50GA -513 0	SHAFT SUPPORTING PLATE	軸支持板		С	1	c-V151 0312 03
4	50GA 5051 0	TRANSFER POWER SUPPLY PLATE	転写給電板		C	1	d-V217 0400 50
5	50GA 5056 0E	Conveyance Guide Sheet	搬送ガイドシート		Č	i	e-V207 0400 03 f-V123 0314 03
6	50GA 5049 0	CONVEYANCE CONNECTING PLATE	搬送連結板		D	1	1-7 123 03 14 03
7	50GA 5010 0	DUCT CONNECTING PART	ダクト連結材		D	1	
8	A0R5 8102 00	Cover	カバー		C	1	
9	50GA 5048 0	DUCT SUPPLY PLATE	ダクト補給板		D	1	
10	50GA 5011 0	ADU CONNECTING SHAFT	ADU 連結軸		D	1	
11	50GA 5003 0	DUCT COVER PLATE	ダクトカバー板		D	1	
12	9313 1100 33	FAN MOTOR	ファンモータ		С	1	
13	50GA 5007 0	CONVEYANCE SUPPORT PLATE	搬送支持板		D	1	
14	50GA 4570 0	CONVEYANCE PRESSING PART	搬送押圧部材		C	2	
15	50GA 4572 0	CONVEYANCE PRESSING SPRING	搬送押圧バネ		С	2	
16	25AA 7553 0	SLIDE SHAFT HOLDER	滑り軸受		С	4	
7	26NA 4256 0	BY PASS FEED DRIVEN ROLLER	手差し従動ローラ		С	2	
8	50GA 5040 0	PAPER FEED CONVEYANCE SPRING	給紙搬送バネ		С	1	
9	50GA 5006 0	ADU PAPER EXIT PLATE	ADU 排紙板		D	1	
0	50GA 5008 0	PAPER FEED IDLER SHAFT	給紙従動軸		D	1	
1	50GA 5000 0	ADU SUPPORT SHAFT	ADU支点軸		D	1	
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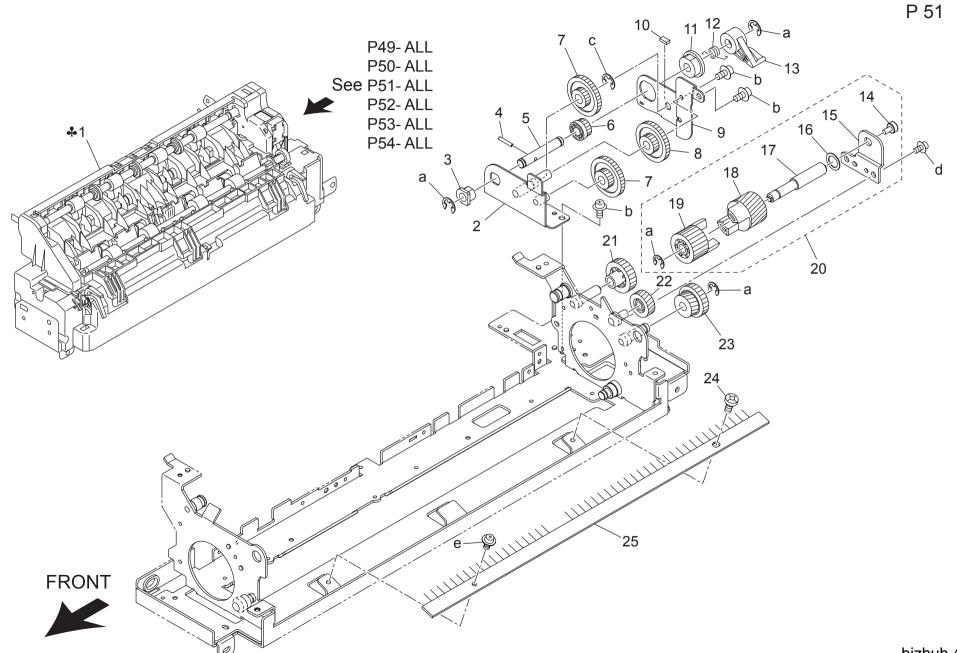
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2 3 4 5 6 7 8 9 10	50GA 5028 0 50GA 5045 0 50GA 5004 1F 40AA 3229 0 50GA 5027 0 4030 2022 01 50GA 9746 0 4030 2023 01 50GA 5062 00 AOR5 8221 00 AOR5 8105 00	FIXING COVER PLATE FIXING PRESSING SPRING ADU DOOR /REAR MAGNET CATCH ADU EARTH PLATE 1 PAWL HIGH TEMP CAUTION LABEL BRACKET LOCK SPRING Lock Claw /Front Door /Front	定着カバー板 定着押圧パネ A D U 扉/奥 マグネットキャッチ A D U アース板 1 爪 高温注意ラベル 取付板 ロックばね ロックパ/前 扉/前		D C C C C C C C C C C C C C C C C C C C	1 2 1 1 1 1 1 1 1 1	a-9739 0308 14 b-9735 0306 14 c-V127 0306 03 d-9732 0308 14
12 13 14	50GA 5009 0 50GA 5014 0 50GA 5015 0	ADU REINFORCE PLATE BELT REINFORCE PLATE ADU OPEN CLOSE BELT	A D U 補強板 ベルト補強板 A D U 開閉ベルト		D D C	1 2 1	-
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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	50GA M33A 00	FIXING HEATER /2	定着ヒータ/2	A	ı	1	a-V121 0304 03 b-V122 0306 03 c-V217 0400 50
1	50GE 8303 1	FIXING HEATER 2	定着ヒータ 2	B,G2	1	1	b-V122 0306 03
1	50GF 8303 1	FIXING HEATER 2	定着ヒータ 2	C,D1,D3,E,F2,G1,I,K	1	1	c-V217 0400 50
2	50GA M32A 00	FIXING HEATER /1	定着ヒータ/1	A	1	1	d-V123 0306 03
2	50GE 8302 1	FIXING HEATER 1	定着ヒータ 1	B,G2	i	1	
2	50GF 8302 1	FIXING HEATER 1	定着ヒータ 1	C.D1.D3.E.F2.G1.I.K	i	1	
3	50GA 5454 0	REINFORCE STAY	補強ステー	0,51,50,2,12,31,1,10	D .	1	
4	42GA 5303 0	FIXING ROLLER UPPER	定着のローラン上	A	A	1	
4		FIXING ROLLER UPPER			Ä		
4	50GA 5303 0	FIXING ROLLER UPPER	定着 ローラ/上	B,C,D1,D3,E,F2,G1,G2,I .K	A	1	
5	26NA 5371 2	BALL BEARING	定着 軸受 上	, ,	Α	2	
6	26NA 5372 0	HEAT INSULATING SLEEVE A	断熱スリーブ A		А	2	
7	42GA 5406 0	FIXING GEAR 39T	定着歯車 39 T	A	В	1	
7	50GA 5406 0	FIXING GEAR 46T	定着歯車 46 T	B,C,D1,D3,E,F2,G1,G2,I	В	1	
•	000/10/00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	之有 <u>四</u> 十一131	,K		·	
8	26NA 5362 0	FIXING FIXED PART	定着固定部材		С	2	
9	42GA 5390 0	LAMP SUPPORT PART REAR	ランプ支持部材 奥	A	Č	1	
9	50GA 5390 0	LAMP SUPPORT PART REAR	ランプ支持部材 奥	B,C,D1,D3,E,F2,G1,G2,I	C	1	7
-	2300000		A CAMPIAN X	,K		· ·	
10	50GA 5360 0	PRESSURE SPRING	圧着バネ	i i	С	2	
11	42GA 5308 0	PRESSING ARM /REAR	押圧アーム/奥	A	Č	1	1
11	50GA 5308 0	PRESSING ARM /REAR	押圧アーム/奥	B,C,D1,D3,E,F2,G1,G2,I	Č	1	
	30GA 3306 0	PRESSING ARM / REAR	が圧と一厶/英	, K		'	
12	50GA 5359 0	FIXING BEARING LOWER	定着 軸受/下		Α	2	
3	42GA 5304 0	FIXING ROLLER LOWER	定着 ローラ/下	A	Α	1	
13	50GA 5304 0	FIXING ROLLER LOWER	定着 ローラ/下	B,C,D1,D3,E,F2,G1,G2,I ,K	Α	1	
14	42GA 5307 0	PRESSING ARM /FRONT	押圧アーム/前	A A	С	1	
14	50GA 5307 0	PRESSING ARM /FRONT	押圧アーム/前	B,C,D1,D3,E,F2,G1,G2,I	Č	1	
14	30GA 3307 0	FRESSING ARWI/FRONT	押圧ノームノ前	B,C,D1,D3,E,F2,G1,G2,1 ,K		'	
15	50GA 5389 0	LAMP SUPPORT PART /FRONT	ランプ支持部材/前	,,,	D	1	
16	40AA 5347 0	TERMINAL PLATE 1	端子板 1		D	1	
17	26NA 5374 0	TERMINAL PLATE A	端子板 A		D	1	
18	26NA 5423 0	TERMINAL FIXING SCREW	端子固定ネジ		С	2	
19	26NA 5377 0	TERMINAL PEDESTAL A	端子台 A		D	1	
13	2011/1 3377 0	TERMINAL I EDESTAL A			В		
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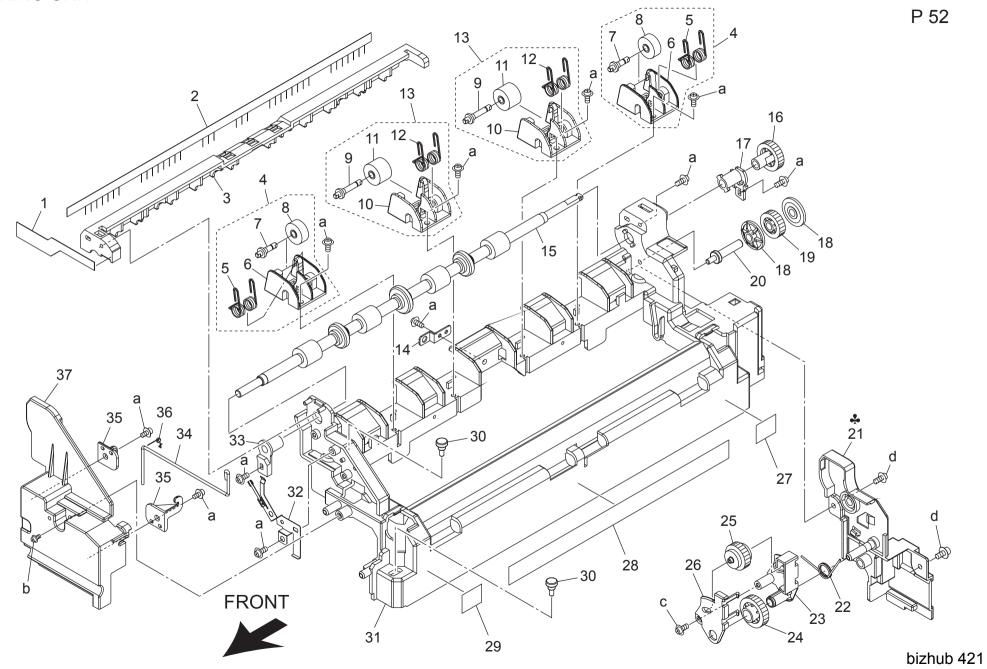


Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	26NA 5403 0	MOUNT SCREW	取り付けネジ		С	2	a-V121 0304 03 b-V123 0306 03 c-V118 0406 03
2	50GA 5452 0	ROLLER COOLING DUCT FRONT	ローラ冷却ダクト 前		D	1	b-V123 0306 03
3	26NA 5423 0	TERMINAL FIXING SCREW	端子固定ネジ		Č	4	c-V118 0406 03
							d-V123 0310 03
4	50GA 5453 0	ROLLER COOLING DUCT REAR	ローラ冷却ダクト 奥		D	1	e-V122 0306 03
5	42GA 5450 0	CLEANER SUPPORT PART /2	クリーナー支持部材/2	A	D	1	d-V123 0310 03 e-V122 0306 03 f-V111 0304 03
5	50GA 5450 0	CLEANER SUPPORT PART /2	クリーナー支持部材/2	B,C,D1,D3,E,F2,G1,G2,I .K	D	1	
6	50GA -544 0	FIXING SENSOR ASSY	定着センサ部組	,,,,	А	1	
7	50GA 5494 0	COVER PART	カバー部材		С	1	
8	42GA 5451 0	RELEASE LEVER FRONT	解除レバー 前	A	č	1	
		RELEASE LEVER FRONT	解除レバー	* * *	C		
8	50GA 5451 0	RELEASE LEVER FROM		B,C,D1,D3,E,F2,G1,G2,I ,K		1	
9	50GA 5464 0E	Lever Insulating Part	レバー断熱部材		D	2	
10	SP00 -011 2	FUSE MOUNTING PLATE ASSY 26NA 535	ヒューズ部組		A	1	
11	50GA 5442 0	FIXING PRESSING STOPPER	定着押圧ストッパ		D	1	
12	42GA 5474 0	RELEASE LEVER REAR	解除レバー 奥	A	С	1	
12	50GA 5474 0	RELEASE LEVER REAR	解除レバー 奥	B,C,D1,D3,E,F2,G1,G2,I	Č	1	
12	30GA 3474 0	RELEASE LEVER REAR	呼哧レバー 英	,K		'	
13	40LA 5443 0	TERMINAL FIXING SCREW 2	端子固定ネジ 2		С	2	
4	50GA 5405 0	WIRING GUIDE PART B	東線ガイド部材 B		D	1	
15	50GA 5378 0	TERMINAL PEDESTAL B	端子台 B		С	1	
16	26NA 5428 0	TERMINAL PLATE	端子板		D	1	
17	26NA 5321 1	WIRING GUIDE PART A	束線ガイド部材 A		D	1	
		WIKING GUIDE PAKTA					_
8	50GA 5336 0	FIXING INSULATING SHEET C	定着断熱シート/ C		D	1	
9	50GA 5365 1E	FIXING ENTRANCE PLATE	定着進入板		D	1	
20	42GA -548 0	FIXING ENTRANCE PLATE 2 ASSY	定着進入板/2部組	A	С	1	
20	50GA -548 0	FIXING ENTRANCE PLATE 2 ASSY	定着進入板/2部組	B,C,D1,D3,E,F2,G1,G2,I	С	1	
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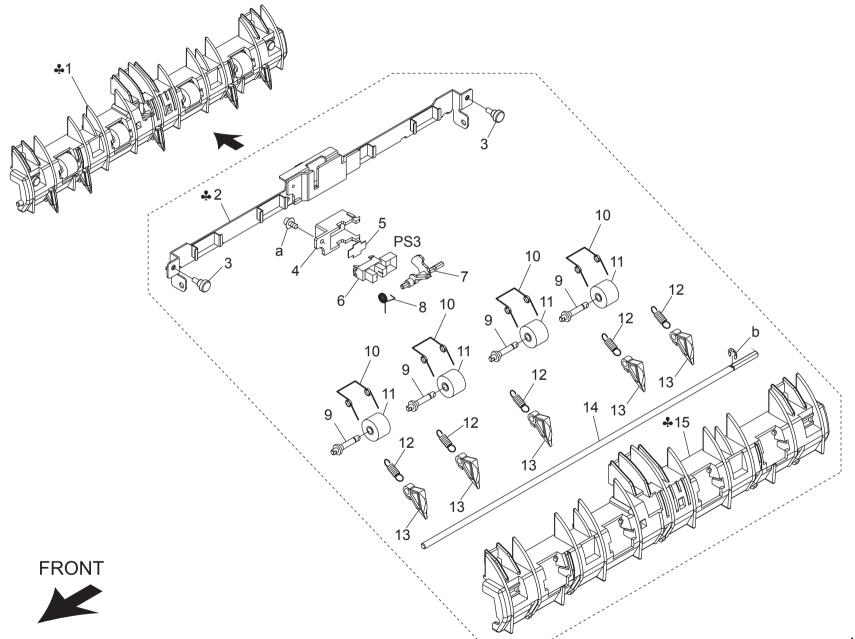


1 17	TAING UNIT								
Key	Part No.		Description	Destinations	Class	QTY	Standard parts		
1	42GA -530 0	FIXING UNIT	定着ユニット	A	I	1	a-V217 0400 50		
1	42GE -530 0	FIXING UNIT	定着ユニット	B,G2	I	1	b-V121 0304 03		
1	42GF -530 0	FIXING UNIT	定着ユニット	C,D1,D3,E,F2,G1,I,K	I	1	c-V217 0500 50 d-V123 0306 03		
2	50GA -543 0	AUXILIARY PART CAULKING	補助部材カシメ		D	1	e-V123 0306 03		
3	1921 4171 0	PAPER LIFT UP LEVER BUSHING	ペーパー押し上げレバー軸受		В	1			
4	4660 7801 0	PIN A D2X10	ピン A D2X10		В	1			
5	50GA 5330 0D	Cleaner Idling Shaft /A	クリーナーアイドラー軸/ A		D	1			
6	26NA 5346 0	CLEANER GEAR A 18T	クリーナーギア A 18 T		С	1			
7	26NA 5429 0	FIXING DRIVING GEAR D 18T 44T	定着駆動歯車 D 18T 44T		В	2			
8	50GA 5429 0	FIXING DRIVE GEAR D 44T 14T	定着駆動歯車 D 44T 14T		В	1			
9	50GA 5417 0	AUXILIARY PART	補助部材		D	1			
10	26NA 5424 0	LEVER STOPPER PART	レバーストッパ部材		D	1			
11	26NA 5384 0	FIXING CLEANER SHAFT HOLDER C	定着清掃軸受 C		С	1			
12	26NA 5329 0	LEVER SPRING	レバーバネ		С	1			
13	50GA 5404 0	FIXING CLEANING LEVER	定着清掃レバー		С	1			
14	50GA 5485 0	GEAR REGULATING SHAFT	ギア規制軸		D	1			
15	50GA 5484 0	MOUNTING PLATE	取り付け板		D	1			
16	50GA 7296 00	FUSING SPACER	定着スペーサ		С	1			
17	50GA 5483 0D	Idling Shaft /D	アイドラー軸/ D		D	1			
18	50GA 5493 1E	FIXING INPUT GEAR 19T	定着入力ギア 19 T		В	1			
19	50GA 5473 1E	FIXING INPUT GEAR /2 19T	定着入力ギア/2 19 T		В	1			
20	50GA -546 1	FIXING INPUT GEAR ASSY	定着入力ギア部組		Α	1			
21	4040 5758 01	GEAR /20T	ギヤ/20 T		С	1			
22	50GA 5470 0	FIXING IDLING GEAR B 15T	定着アイドラーギア B 15 T		В	1			
23	50GA 5469 0	FIXING IDLING GEAR A 14T 20T	定着アイドラーギア A 14 T 20 T		В	1			
24	26NA 5419 0	FIXING GUIDE SCREW	定着ガイドネジ		С	1			
25	26NA 5414 0	NEUTRALIZING BRUSH	除電ブラシ		С	1			
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FIXING UNIT

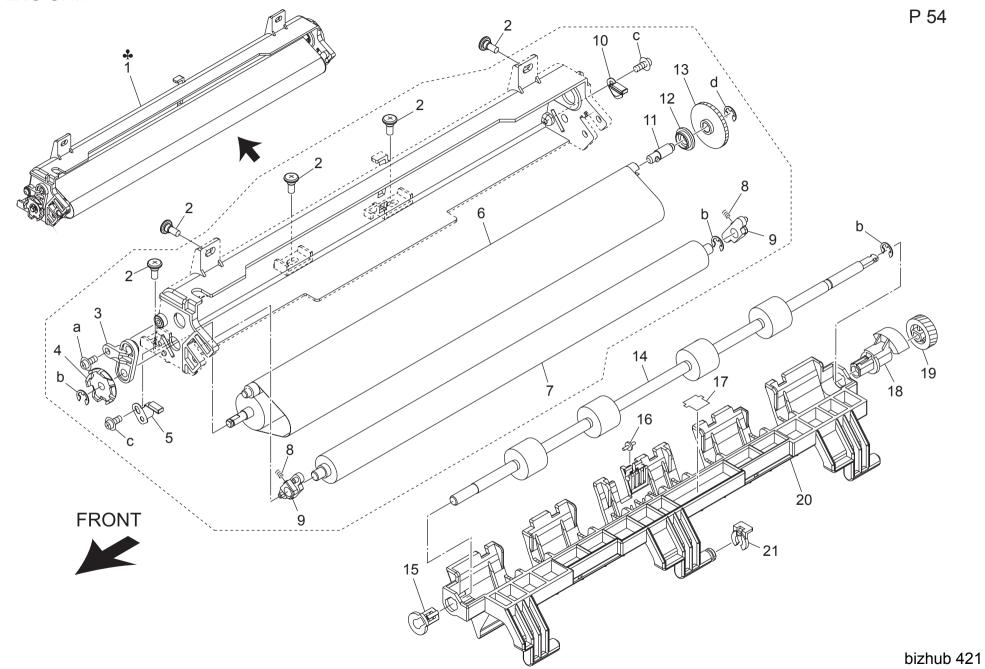


ey Part	t No.	Description	Destinations	Class	QTY	Standard part
1 4030 5847		除電部材		С	1	a-V151 0308 03 b-V123 0308 03 c-9739 0308 14
4030 5823	3 01 NEUTRALIZING BRUSH	除電ブラシ		С	1	b-V123 0308 03
4030 5839	9 03 HOLDER	ホルダ		D	1	C-9/39 0308 14
4040 R70	7 00 EXIT ROLL HOLDER 2 ASSY	排紙コロホルダ2Assy		Α	2	d-V151 0308 04
4030 5858		ねじりコイルばね		С	2	
4030 585		ホルダ		D	2	
4030 5857		シャフト		D	2	
		ラヤンド ころ		C		
4030 5854					2	
4030 5856		シャフト		D	2	
0 4030 5843		ホルダ		D	2	
1 4030 5805		ころ		С	2	
2 4030 5806	6 01 TORSION SPRING	ねじりコイルばね		С	2	
3 4040 R70	6 00 EXIT ROLL HOLDER 1 ASSY	排紙コロホルダ1 Assy		Α	2	
4 4030 5848		位置決め板		D	1	
5 4030 5802		ローラ		Č		
				C	1	_
4030 5840		軸受		C	1	
4030 5844		カラー		С	2	
4030 5836	6 01 GEAR 19T	ギヤ 19 T		С	1	
4030 5845	5 02 SHOULDER SCREW	段ねじ		D	1	
42GA 548		定着カバー 奥	Α	С	1	
50GA 548		定着カバー奥	B,C,D1,D3,E,F2,G1,G2,I .K	C	1	
4030 582	1 02 TORSION SPRING	ねじりコイルばね	, and the second	С	1	
4030 5820		ホルダ		Ď	1 1	
		ボル 19 T		Č	, 1	
		ギヤ 19 T		C	1	_
4030 5817					1	
4030 5822		ホルダ		D	1	
7 50GA 974		レバー表示ラベル/奥		С	1	
3 50GA 974	16 0 HIGH TEMP CAUTION LABEL	高温注意ラベル		С	1	
9 50GA 974	17 0E Lever Indicating Label /Front	レバー表示ラベル/前		С	1	
4030 5827	7 01 SHOULDER SCREW	段ねじ		С	2	
50GA 548		定着ケーシング		D	1	
50GA 549		アース板		C		
300A 343 3 4030 5842		軸受		C		
50GA 546		クリーナーロック軸		D	1	
50GA 546		軸支持部材		C	2	
50GA 546		クリーナーロックバネ		С	1	
7 50GA 548	31 0 FIXING COVER FRONT	定着カバー 前		С	1	
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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 1	42GA -533 0 50GA -533 0	FIXING CLAW ASSY FIXING CLAW ASSY	定着爪部組 定着爪部組	A B,C,D1,D3,E,F2,G1,G2,I	A A	1 1	a-V151 0308 03 b-V217 0300 50
2	42GA 5498 0	SEPARATION SUPPORT PART	分離支持部材	,K A	D	1	
2	4030 5750 03	BRACKET	取付板	B,C,D1,D3,E,F2,G1,G2,I	D	1	
3	4030 5827 01	SHOULDER SCREW		,K	С	2	
4	4030 5808 02	HOLDER	ホルダ		D	1	1
5 6	4470 4024 01 9335 1300 61	STOPPER PHOTO INTERRUPTER	ストッパ フォトインタラプタ		D B	1	
7	4030 5809 02	ACTUATOR	アクチュエータ		C	1	
8	4030 5810 02	TORSION SPRING	ねじりコイルばね		С	1	
9	4030 5856 01	SHAFT ROLLER PRESSING SPRING	シャフト		D	4	
10 11	50GA 5495 0 4030 5805 03	ROLLER PRESSING SPRING ROLL	ローラ押圧バネ ころ		C	4	
12	4030 5717 01	TENSION SPRING	引張コイルばね		Č	5	
13	50GA 7227 00	FIXING CLAW	定着		C	5	
14 15	4030 5753 01 42GA 5486 0E	SHAFT Conveyance Guide Part /Left	シャフト 搬送ガイド部材/左	A	D D	1 1	
15	50GA 5486 0E	CONVEYANCE GUIDE PART /LEFT	搬送ガイド部材/左	B,C,D1,D3,E,F2,G1,G2,I	D	1	
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У	Part No.		Description	Destinations	Class	QTY	Standard part
•	42GA -540 0	FIXING CLEANER ASSY	定着クリーナー部組	A	A	1	a-V121 0306 03
	50GA -540 0	FIXING CLEANER ASSY	定着クリーナー部組	B,C,D1,D3,E,F2,G1,G2,I	A	l i	b-V217 0400 50
			70.11	,K			c-V151 0306 03
	27LA 5419 0	FIXING GUIDE SCREW	定着ガイドネジ		С	5	d-V217 0300 50
	50GA 5351 0	FIXING CLEANING BUSHING	定着清掃軸受		С	1	
	50GA 5460 0	CLEANER LOCK GEAR	クリーナーロックギア		С	1	
	40LA R707 00	REGULATING PLATE FRONT ASSY	規制板/前 部組		С	1	
	50GA 5343 0	WEB	ウェッブ		С	1	
	27LA 5383 0	FIXING CLEANER ROLLER	定着清掃ローラ		В	1	
	26NA 5361 0	CLEANER PRESSURE SPRING	クリーナー押圧バネ		В	2	
	26NA 5349 0	FIXING CLEANER SHAFT HOLDER A	定着清掃軸受 A		С	2	
	40LA R708 00	REGULATING PLATE REAR ASSY	規制板/奥 部組		С	1	
	50GA -556 0	CLEANER DRIVING SHAFT ASSY	クリーナー駆動軸部組		D	1	
	26NA 5430 0	FIXING CLEANER SHAFT HOLDER A	定着清掃軸受 A		С	1	
	50GA 5347 0	CLEANER GEAR B 34T	クリーナーギア B 34 T		В	1	
	4030 5803 01	ROLLER	ローラ		С	1	
	4030 5811 01	BUSHING	軸受		С	1	
	4030 5841 01	ROLL	ころ		C	1	
	50GA 5472 1	PROTECTION PART	保護部材		D	1	
	4030 5834 02	BUSHING	軸受		C	1	
	50GA 5471 0	PAPER EXIT GEAR 18T	排紙ギア 18 T		В	1	
	50GA 5488 0	CONVEYANCE GUIDE PART RIGHT	搬送ガイド部材 右		С	1	
ı	1164 3065 01	STOPPER RING	トメリング		D	1	
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ELECTRIC PARTS P 55 PS11 PS8 PS10 PWB/1 10 PS9 10 b M8 16 PS17 PS16 °O PWB/2 PS15 13 12

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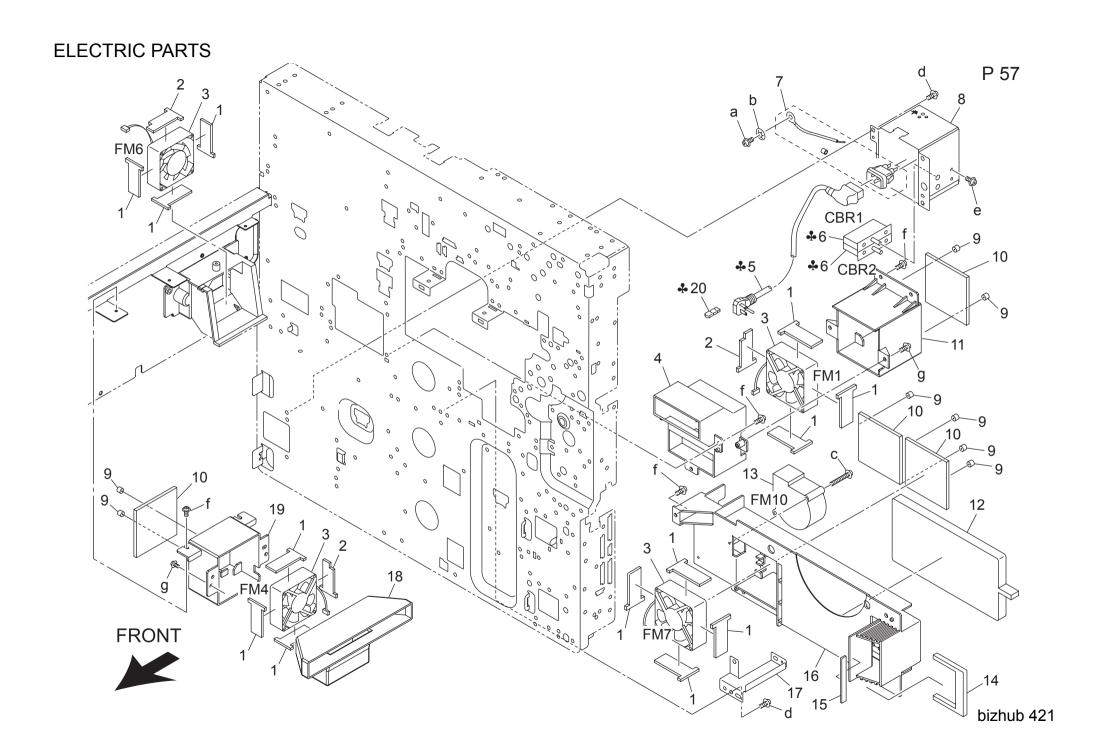
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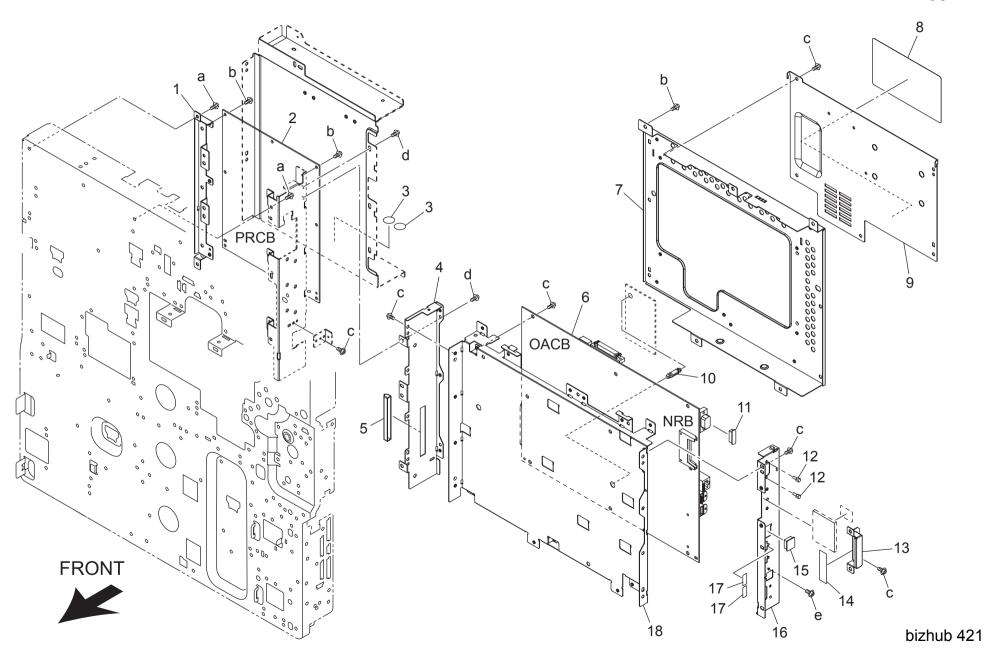
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Key	Part No.		Description	Destinations	Class	QTY	Page. 5:
				Destinations			
1	4011 3012 01	HOLDER	ホルダ		D	2	a-V116 0330 03 b-V137 0306 03 c-V136 0408 03
	4030 3091 01	LEVER	レバー		C	2	D-V 137 U3U0 U3
3	4037 0104 01	PWB ASSY	基板 ASSY		С	2	C-V 130 0400 03
4	4030 3047 02	HOLDER	ホルダ		D	2	
5	4002 3131 01	SHOULDER SCREW	段ねじ		С	2	
6	4002 3110 01	PRESSURE SPRING	圧縮コイルばね		С	2	
	4037 0906 01	PHOTO INTERRUPTER	フォトインタラプター		В	8	
8	9J06 M103 00	MOTOR	マグネットモータ		В	2	
9	4030 3208 02	BRACKET	取付板		D	2	
10	4030 3200 02	PRESSURE SPRING	圧縮コイルばね		C	4	
		SHOULDER SCREW					4
11	4030 3224 02		段ねじ		С	4	
12	4030 3083 01	HOLDER	ホルダ		D	2	
13	4030 3048 02	BRACKET	取付板		D	2	
14	4030 3049 01	BRACKET	取付板		D	2	
15	50GA 6271 01	LIFTING STAY	押上げステー		С	2	
16	4030 3046 03	BRACKET	取付板		D	2	
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Key	Part No.	D	escription	Destinations	Class	QTY	Standard parts
1	50GA 8451 0	DC POWER SOURCE 1	DC 電源/1	A,B,G2	1	1	a-V121 0306 03 b-V151 0308 03 c-V144 0306 03
1	50GF 8451 1	DC POWER SOURCE 1	DC 電源/1	C,D1,D3,E,F2,G1,I,K	1	1	b-V151 0308 03
2	50GA 8401 0	HIGH VOLTAGE POWER SOURCE	高圧 電源		1	1	C-V144 0306 03
3	50GA 7341 0	HV MOUNTING PEDESTAL	高圧取付台		D	1	d-V137 0306 03 e-V233 3018 50
4	50GA 7347 0	WIRING GUIDE PART 1	束線ガイド部材 1		D	1	6-7233 30 10 30
5	50GA 7348 1	WIRING GUIDE PART 2	束線ガイド部材 2		С	1	
6	50GA 7349 1	CONTACT PLATE A	接点板 A		Č	1	
7	50GA 7376 1	HV COVER PART	高圧カバー材		Č	1	
8	65AA 1130 0	SUPPORT PART	センサ支持部材		Ď	ĺ	
9	27LA 8803 1	PROCESS SENSOR	プロセス センサ		В		
10	50GA 7343 0	WIRING MOUNTING PLATE	東線取り付け板		D	1	+
		CORD COVER	スポリットリーが		D	1	
11	50GA 7359 0						
12	40AA 8501 1	DOOR SWITCH	ドアースイッチ		В	1	
13	50GA 7350 0	SWITCH GUIDE PLATE A	スイッチ案内板 A		D	1	
14	50GA 7351 0	SWITCH MOUNTING PLATE	スイッチ取り付け板		D	1	
15	50GA 7380 0	COVER PLATE	カバー板		D	1	
16	50GA -751 0	HIGH VOLTAGE CONNECTING PLATE S ASS	高圧連結板 S 部組		D	1	
17	26NA 7325 1	ELECTRODE CONNECTING SPRING A	電極連結バネ A		В	2	
18	26NA R712 00	HIGH VOLTAGE CONNECTING PLATE B ASS	高圧連結板/ B 部組		D	1	
10	20NA N7 12 00	Y	同江连帕饭 / 口 印他		D	'	
19	50GA 7342 0	CONTACT PEDESTAL 1	接点台 1		D	1	

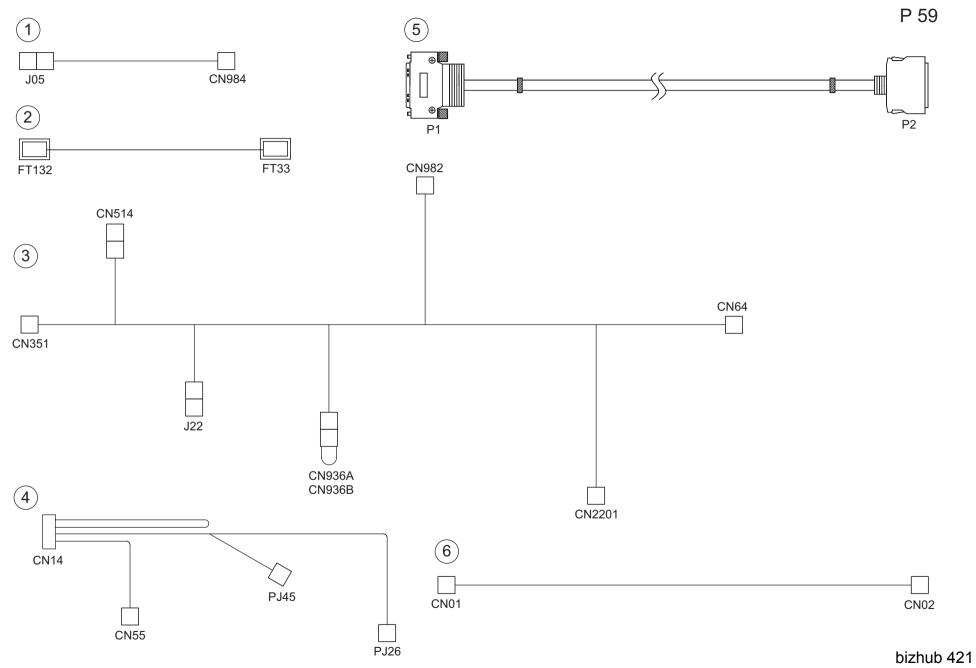


ey	Part No.		Description	Destinations	Class	QTY	Standard part
1	26NA 7373 2	DUST PROOFSEAL 5	防塵シール/5		С	13	a-V118 0406 21
2	27LA 7391 0	Dustproof Seal	防塵シール		С	3	b-V208 0400 50 c-V151 0335 03 d-V137 0306 03
	27LA 8051 1	MAIN BODY FAN MOTOR	本体 ファンモータ		В	4	c-V151 0335 03
	50GA 7338 1	POWER SOURCE COOLING DUCT/2	電源冷却ダクト/2		D	1	d-V137 0306 03
	4040 0780 01	POWER CORD	電源コード	A	C	1	e-V123 0306 03 f-V121 0306 03
	9381 4101 31	POWER CORD	プラグ付電源コード	B,G2	C	1	g-V151 0308 03
				· ·	_	<u> </u>	g-v 131 0300 0
	9381 4101 11	POWER CORD	プラグ付電源コード	D1,D3,E,F2,G1,I,K	D	1	
	9381 4300 41	POWER CORD	プラグなし電源コード	D1,D3,E,F2,G1,I,K	С	1	
	26NA 8846 1	CIRCUIT BLACKER	サーキットフ゛レーカー	A,B,G2	В	2	
	6852 8604 0	BLACKER	ブレーカー	C,D1,D3,E,F2,G1,I,K	D	2	
	26NA R701 00	POWER SOCKET ASSY	電源ソケット部組		D	1	
	50GA 7344 0	CORD MOUNTING PLATE	コード取り付け板		D	1	
	4658 3047 01	COLLAR	カラー		C	8	
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	50GA 7391 0	DUST PROOF FILTER	防塵フィルター		С	4	
	50GA 7337 1	POWER SOURCE COOLING DUCT/1	電源冷却ダクト/1		D	1	
	50GA 1031 0	OZONE FILTER	オゾン フィルタ		Α	1	
	50GA 8052 0	SYSTEM COOLING FAN	システム冷却ファン		С	1	
	4030 3523 02	CUSHION	クッション		Č	1	
	4030 3524 01	CUSHION	クッション		Č	1	
						!	
	50GA 7346 0E	FAN MOUNTING BOARD /REAR	ファン取り付け基板/奥		D	1	
	50GA 7355 0	DUCT MOUNTING PLATE	ダクト取り付け板		D	1	
	50GA 7379 0E	DRUM COOLING DUCT /2	ドラム冷却ダクト/2		D	1	
	50GA 7339 0	DRUM COOLING DUCT/1	ドラム冷却ダクト/1		D	1	
	V590 0400 02	Terminal Cap	アース端子キャップ	A	D	1	
	V 390 0400 02	Terminar Cap	ノース端子イヤック	^		'	
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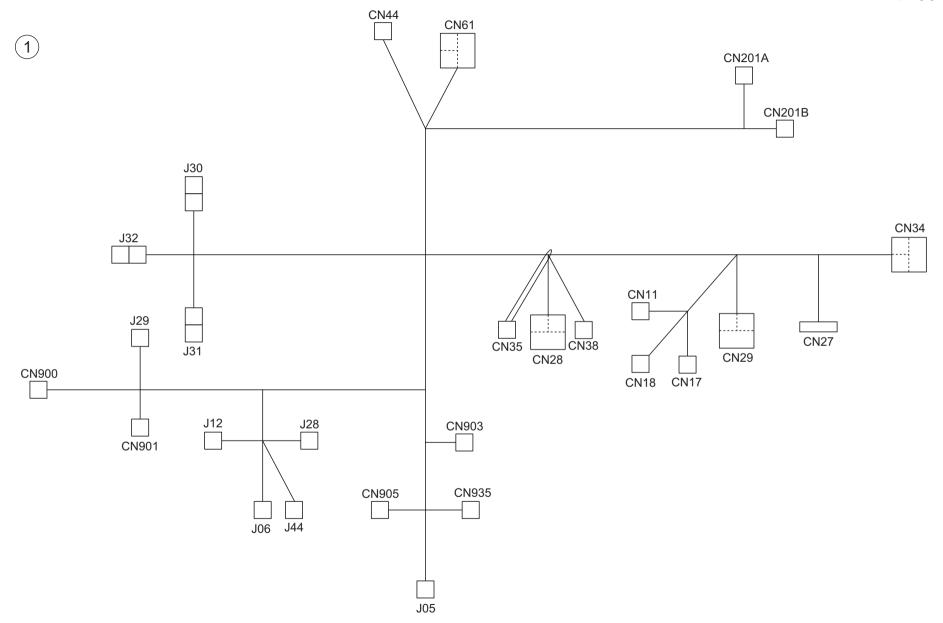


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Key	Part No.	De	escription	Destinations	Class	QTY	Standard parts
_			### SECTIPTION 基板取り付けステー/2 本体制御基板ユニット ネジカバー板/ C 保護力球 A S S Y 基板 N に N に N に N に N に N に N に N に N に N	Destinations	Class D I D D D D D C D C D C D D C D D D C D	QTY 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

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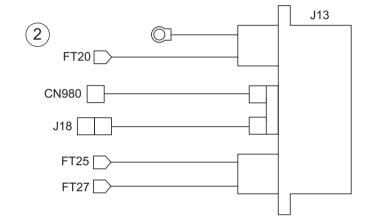


Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2 3 4	26NA 9019 1 26NA 9035 1 A0R5 N105 00 4030 6824 01	TONER SUPPLY WIRING 1 DEVELOPING RELAY WIRING 2 Scanner Wiring WIRE HARNESS ASSY	トナー補給束線 1 現像中継束線 2 スキャナー束線 ハーネス A S S Y		D D D	1 1 1	
5	A0R5 N100 00	Ope.unit Cable	操作部ケーブル I / O 中継束線		С	1	1
6	A0R5 N101 00	I/O Relay harness	Ⅰ / 〇 中継束線		D	1	



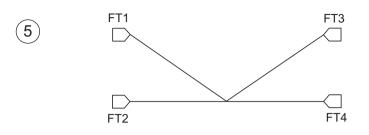
Key	Part No.	Desc	cription	Destinations	Class	QTY	Standard parts	
1	42GA 9001 0	MAIN BODY WIRING UPPER	本体 束線/上		D	1		
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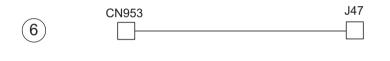






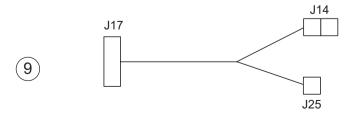






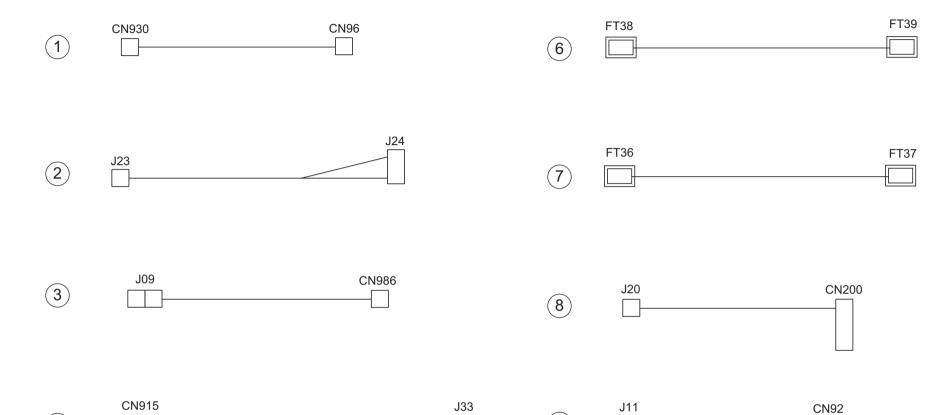






Key	Part No.		Description	Destinations	Class	QTY	Standard parts
4 5	50GA 9004 0 50GA 9005 1 50GA 9011 0E 50GA 9012 0 50GA 9013 0 50GA 9014 0 50GA 9016 0 50GA 9019 0 50GA 9024 0	FUSE CORD 1 FIXING POWER SUPPLY WIRING AC Power supply Wiring /1 AC POWER SUPPLY WIRING 2 AC POWER SUPPLY WIRING 3 FIXING RELAY WIRING 2 OPTICAL RELAY WIRING CONVEYANCE EARTH WIRING DEVELOPING RELAY WIRING	ヒューズコード 1 定着給電束線 A C 給電束線/1 A C 給電束線/2 A C 給電束線/3 定着中継束線 2 光学中継束線 搬送アース束線 現像中継束線		D D D D D D D	1 1 1 1 1 1 1 1	
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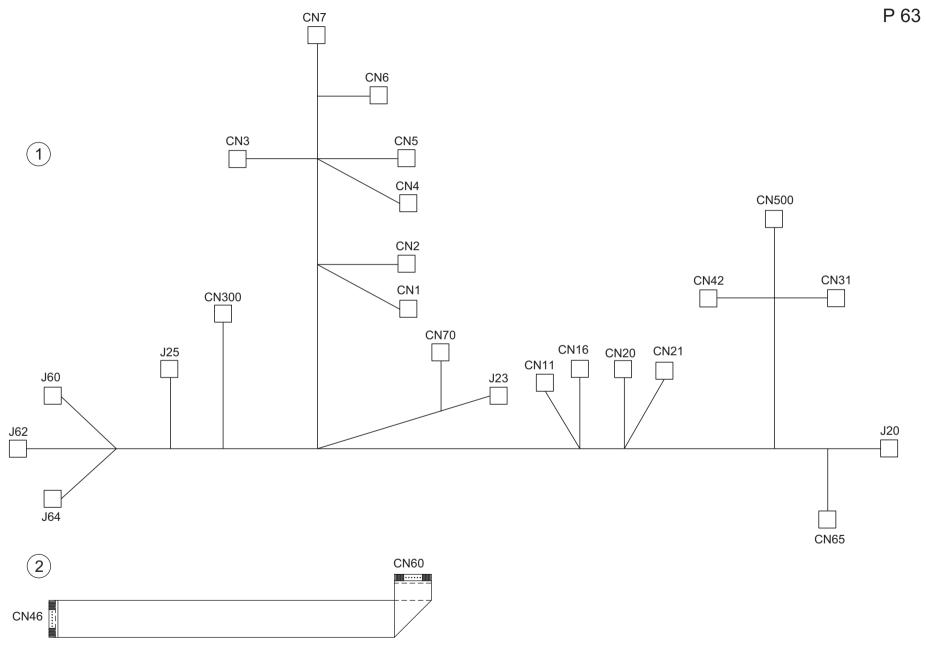
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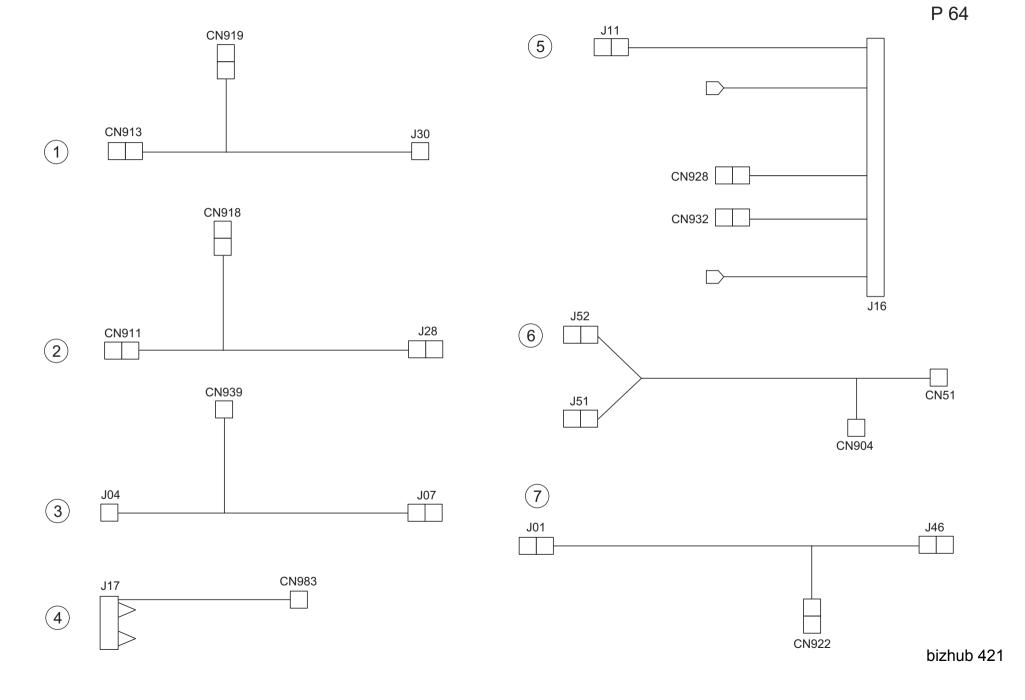


Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	50GA 9026 0	LAMP RELAY WIRING	ランプ中継束線		D	1	
2	50GA 9027 0	DC INTERLOCK WIRING	DC インターロック束線		D	1	
3	50GA 9031 0	RELAY WIRING	センサ中継束線		D	1	
4	50GA 9032 0E	CONVEYANCE SUCTION WIRING	搬送サクション東線		D	•	
	50GA 903Z 0E		版とサクンヨン米級			1	
5	50GA 9037 0	REGISTRATION WIRING	レジスト束線		D	1	
6	50GA 9038 0	HIGH VOLTAGE WIRING 1	高圧束線 1		D	1	
7	50GA 9039 0	HIGH VOLTAGE WIRING 2	高圧束線 2		D	1	
8	50GA 9042 0	OPTION RELAY WIRING	オプション中継束線		D	1	
9	26NA 9031 1	RELAY WIRING 1	センサ中継束線 1		D	1	
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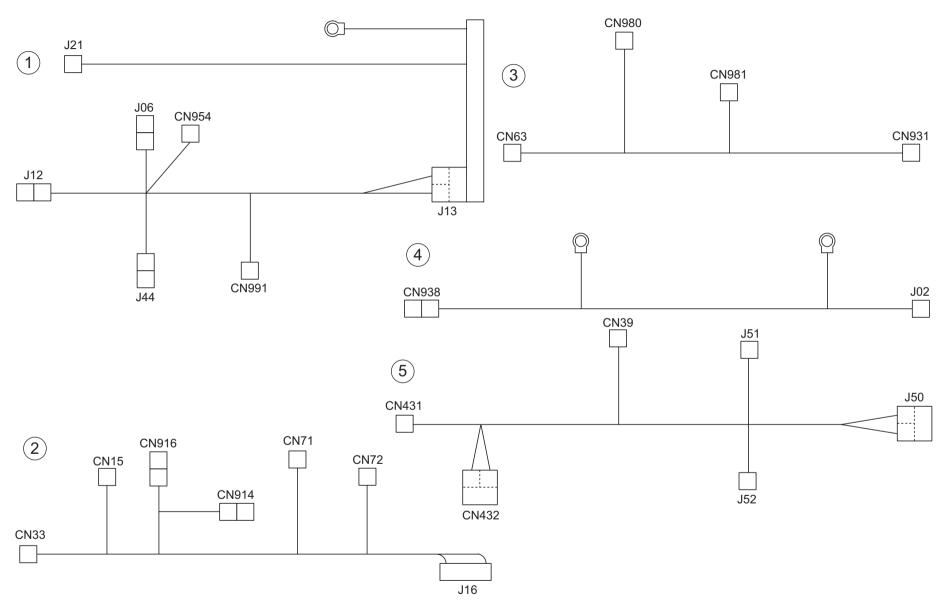
		Description	Destinations	Class	QTY	Standard parts
50GA 9003 0 50GA 9050 0	DC POWER SOURCE WIRING AD WIRING	DC電源束線 AD束線		D C	1 1	
	Part No. 50GA 9003 0 50GA 9050 0	Part No. 50GA 9003 0 50GA 9050 0 DC POWER SOURCE WIRING AD WIRING	Part No. Description SIGGA 9003 0 DC POWER SOURCE WIRING A D 東線 AD WIRING	Part No. Description Destinations SOGA 9059 0 DC POWER SOURCE WIRING DC 全張東韓 A D 東線 AD WIRING DC TRANGED DC TRANGED DC TRANGED DC TRANGED DC TRANGED DC TRANGED DC TRANGED DC TRANGED DC TRANGED DC TRANGED DC TRANGED DC TRANGED DC TRANGED DC TRANGED DC TRANGED DC TRANGED DC TRANGED DC	Path No.	Pet No. Description Destinations Class CIT/ 50GA 9003

WIRING



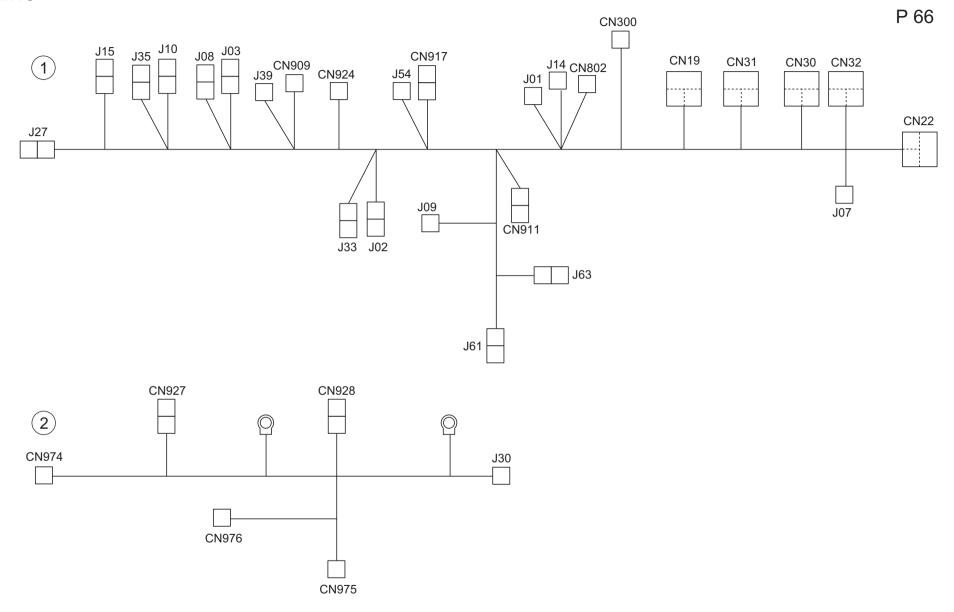
2 50 3 50 4 40 5 40 6 40	0GA 9033 0 0GA 9034 0 0GA 9035 0 0LA 9025 0	INTERNAL COOLING WIRING FIXING COOLING WIRING	機内冷却束線 定着冷却束線	D	1	+
5 40 6 40	01/100200	PAPER FEED RELAY WIRING UPPER DEVELOPMENT WIRING	給紙中継束線 上 現像束線	D D D	1 1 1	
	0LA 9007 1 0LA 9022 0E 0GA 9030 0	DRUM WIRING POLYGON RELAY WIRING REGISTRATION RELAY WIRING	ドラム東線 ポリゴン中継束線 レジスト中継束線	D D D	1 1 1	
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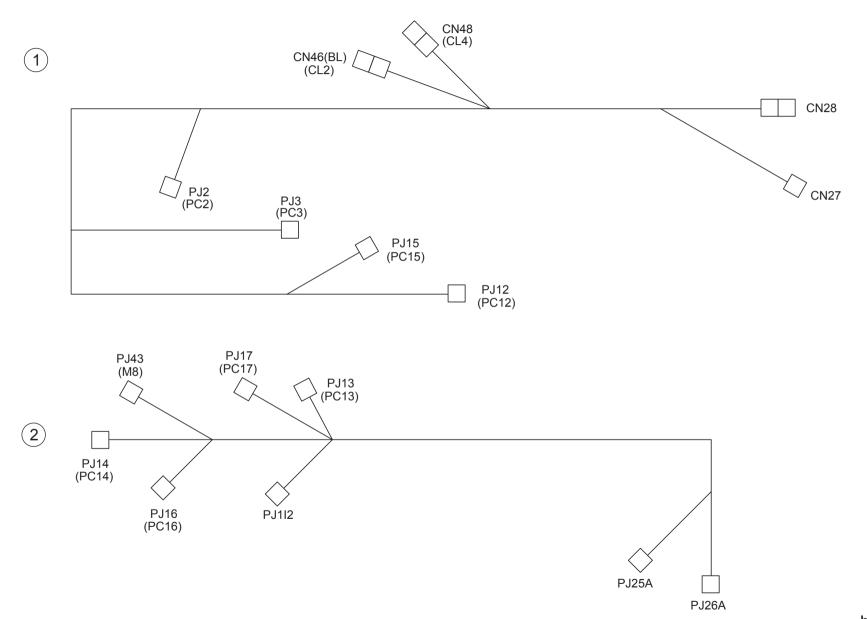


Key			ription	Destinations	Class	QTY	Standard parts
1 2 3 4 5	50GA 9006 0 50GA 9008 0 50GA 9009 0 50GA 9029 0 50GA 9020 0	FIXING RELAY WIRING DRUM RELAY WIRING OPTICAL WIRING CONVEYANCE RELAY WIRING LD RELAY WIRING	定着中継束線 ドラム中継束線 光学束線 搬送中継束線 LD中継束線		D D D D	1 1 1 1	

WIRING

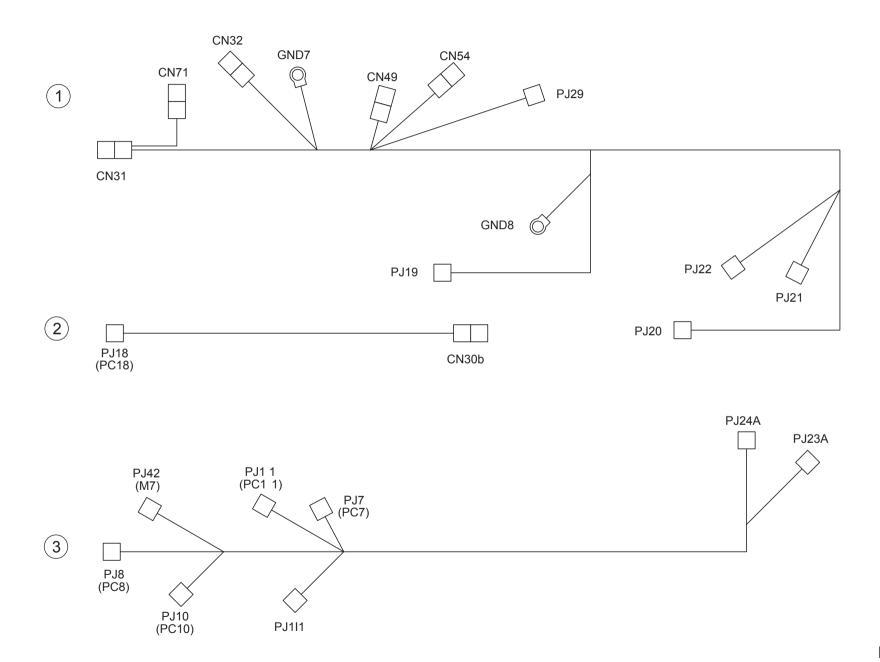


Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2	50GA 9002 0 50GA 9017 1	MAIN BODY WIRING LOWER ADU WIRING	本体 束線/下 ADU 束線		D D	1 1	
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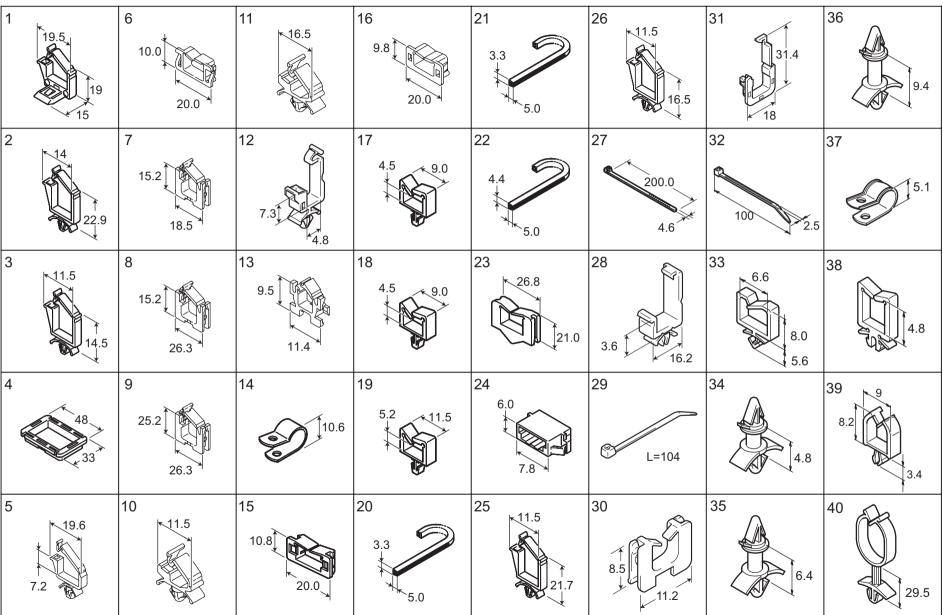


bizhub 421

4030 6812 02 4030 6813 02	WIRE HARNESS ASSY WIRE HARNESS ASSY	ハーネスASSY			Standard parts	
	WIRE HARNESS ASST	ハーネス ASSY ハーネス ASSY	D D	1 1		
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					-	
					-	



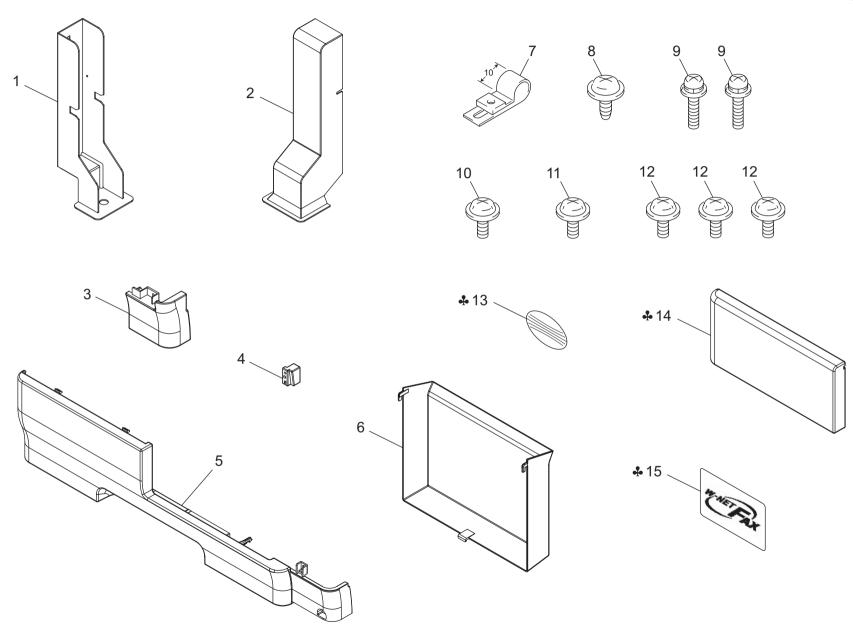
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2 3	4030 6814 03 4030 6818 01 4030 6810 02	WIRE HARNESS ASSY WIRE HARNESS ASSY WIRE HARNESS ASSY	ハーネス A S S Y ハーネス A S S Y ハーネス A S S Y		D D D	1 1 1	



Key	Part No.		Description	Destinations	Class	QTY	Standard parts	
1	V500 0100 22	saddle	ロッキングワイヤーサドル		D			
2	V500 0100 08	saddle	ロッキングワイヤーサドル		D			
3	V500 0100 03	Saddle	ロッキングワイヤーサドル		D			
4	V570 0100 39	bushing	スクウェアプッシュ		D			
5	V500 0100 04	saddle	ロッキングワイヤーサドル		D			
6	V570 0100 23	saddle	エッジサドル		D			
7	V570 0100 26	saddle	ロッキングエッジサドル		D			
8	V570 0100 27	saddle	ロッキングエッジサドル		D			
9	V570 0100 28	saddle	ロッキングエッジサドル		D			
10	V500 0100 46	saddle	ミニロッキングワイヤーサドル		D			
11	V500 0100 61	saddle	ミニロッキングワイヤーサドル		D			
12	V500 0100 20	Saddle	ミニロッキングワイヤーサドル		D			
13	V570 0100 50	Locking Edge Saddle	ロッキングエッジサドル		D			
14	V500 0200 05	clamp	ナイロンクランプ		С			
15	V570 0100 07	saddle	スーパーサドル		D			
16	V570 0100 08	saddle	スーパーサドル		D		1	
17	V500 0100 26	saddle	ミニサドル		D			
18	V500 0100 28	saddle	ミニサドル		D			
19	V500 0100 29	saddle	ミニサドル		D			
20	00Z9 2450 8	FLEXIBLE BUSH	オシタ゛シエッシ゛ンク゛(CE 012 S)		Č			
21	00Z9 2451 2	FLEXIBLE BUSH	自在ブッシュ(CEO12)		Č	<u> </u>	1	
22	00Z9 2452 4	FLEXIBLE BUSH	シ゛サ゛イフ゛ッシュ1 M(C E O 2 4)		D			
23	V570 0100 12	saddle	エッジサドル		D			
24	V651 0100 01	connector	WtoWコネクタ		D			
25	V500 0100 07	saddle	ロッキングワイヤーサドル		D			
26	V500 0100 07	saddle	ロッキングワイヤーサドル		D			
27	V500 0100 05 V501 0100 06	band	結束バンド		D			
28	V500 0200 10	clip	コードクリップ(M)		D			
29	V500 0200 10 V501 0100 01	band	結束バンド		D			
30	V570 0100 01	Saddle	エッジサドル		D			
31	V570 0100 21	holder	エッジホルダー		D		+	
32	V501 0100 31 V501 0100 12	band	結束バンド		D			
33	V501 0100 12 V500 0100 47	saddle	和来バンド		D			
34	V500 0100 47 V502 0100 44	PCB Support	PCB サポート		D			
35	V502 0100 44 V502 0100 45	PCB Support	PCB サポート		D			
36			PCB サポート		D		-	
36 37	V502 0100 46 V500 0200 29	PCB Support clamp	一耐熱クランプ		D			
3 <i>1</i> 38		saddle	耐熱クランプ ワイヤーサドル		D			
	V500 0100 35		リソイヤーサトル		D D			
39 40	V500 0200 55 V500 0200 27	clamp lifter	ハーネスリフター		D			
40	V 300 0200 21	IIILEI	ハーホムリノダー		U	 	-	
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5	10				

Key	Part No.		Destinations	Class	QTY	Standard parts	
1 2	V502 0100 17 V651 0100 05	support CONNECTOR	ロッキングサーキットボードサポート WtoW コネクタ		D D		
	V651 0200 01	connector	ドロワーコネクタ		D		
	V501 0100 09	band	結束バンド		D		
	9384 1600 11	P-CLIP 10D	コート゛オサエ		D		
	26NA JG01 1	Optic Unit Positioning Jig	光学位置決め治具		D		
	000V 1001 0	GLOVES	ポリエチレン手袋 100 SET 200枚		S		
	000V 1002 0	DUST BAG	ダストバッグ 10枚		S		
	000V 1003 0	DEVE COLLECTING SHEET	デベ回収シート 10枚 回収用手提げ袋 100枚		S		
	000V 1004 0	COLLECTING HAND BAG COTTON SWAB	回収用手提け装 TOO枚 綿棒 40枚	A C D4 D3 F F3 C4 LK	S S		4
	000V 1005 0 000V -18- 1	CLEANING PAD	カリーニンク * ハ * ット. (30マイ)	A,C,D1,D3,E,F2,G1,I,K C,D1,D3,E,F2,G1,I,K	A		
	000V -18- 1 000V -18- 2	CLEANING PAD	クリーニング ハット. (30マイ)	A	Ä		
12	000V -16- Z	CLEANING PAD	99-299 N 9F. (3044. 19		^		
							_



Key	Part No.		Destinations	Class	QTY	Standard parts	
1	50GA 1026 0	ENCLOSED INSTALLING PLATE A	同梱設置板 A		С	1	
2	A0R5 1029 00	Cover	カバー		C	1	
3	A0R5 1677 00	Cover /Right	カバー/右		С	1	
4	A0R5 1680 00	Cover	カバー		C	1	
5	A0R5 1712 00	Cover	カバー		č	1	
6	A00J 1699 01		ホルダ			1	-
		Holder	ホルタ		С		
7	9384 1600 11	P-CLIP 10D	コート゛オサエ		D	1	
8	V137 0308 04	screw	カップ頭タッピングねじ SC タイト		D	1	
9	V123 0450 03	Screw	なべ小ねじ・セムスⅡ標準		С	2	
10	V121 0306 03	screw	TP ネジ・座付なべ小ねじ		D	1	
11	V121 0308 04	screw	TPネジ・座付なべ小ねじ		D	1	
12	V116 0306 03	Screw	なべ小ねじ・セムス		D	3	
			ANNAC EAX	0 D4 D2 E E2 04 LK		3	
13	A00J 9455 00	Logo Mark	ロゴマーク	C,D1,D3,E,F2,G1,I,K	C	1	
14	A0RA 1701 01	Cover /Left front	カバー/左前	C,D1,D3,E,F2,G1,I,K	С	1	
15	A00J 9437 00	Label	ラベル	A	D	1	

MAINTENANCE LIST 1/1

● The items with no Page/Key numbers are not handled as spare parts.

No.	Section	PM Parts Description	Maintenance C	Cycle (K=1 000)	Parts No.	Destinations	Page/Key	Note
110.	Cochen	Tim Farto Boompton	QTY	Replace	T unto ito.		i agontoy	11010
1	Photo Conductor Section	Drum	1	250K	_		_	
2	Those conductor coolien	Cleaning Blade assy		250K	50GA-2090		P20-12	
3		Drum unit (without drum)		750K	50GA-2001		P17-18	
4	Transfer/separation section	Transfer/separation unit	1	500K	50GA-2600		P22-1	
5	Developing section	Developer	1	250K	-		-	
6	2 cv c. opg cccue	Developing unit	1	750K	50GA-3001		P24-18	
7	Main Body	Filter mounting plate assy	1	250K	50GA-3360		P29-14	
8		Ozone Filter	1	250K	50GA10310		P57-12	
9		Suction Filter/A assy	1	250K	40LAR70500		P30-2	
10		Filter cover assy	1	250K	A0R5R70100		P30-1	
11		Suction Cover 2 assy	2	250K	50GA-3110		P30-7	
12	Paper feed section	Pick-up roller	2	300K	4030300501		P31-7/P33-13	
13		Feed roller	2	300K	4030300501		P31-7/P33-13	
14		Separation roller assy(Tray 1, 2)	2	300K	4030015101		P32-15/P34-11	
15	Bypass tray section	Paper feed roller	1	200K	4131300101		P36-36	
16	, ,	Separation roller assy	1	200K	4034015101		P35-8	
17	Registration section	Loop roller	1	1250K	50GA38650E		P38-11	
18		Registration roller /Rt	1	1250K	50GA38480		P38-10	
19		Registration bearing /Rt	2	1250K	26NA45360		P38-21	
20		Registration bearing /Lt	2	1250K	26NA45371		P38-20	
21		Loop bearing	2	1250K	26NA40820		P38-12	
22	Fusing section	Fusing roller	1	250K	42GA53030	Α	P49-4	
23		Fusing roller	1	250K	50GA53030	B,C,D1,D3,E,F2,G1,G	P49-4	
24		Fusing pressure roller	1	250K	42GA53040	Α	P49-13	
24		Fusing pressure roller	1	250K	50GA53040	B,C,D1,D3,E,F2,G1,G	P49-13	
25		Fusing web	1	250K	42GA-5400	Α	P54-1	
25		Fusing web	1	250K	50GA-5400	B,C,D1,D3,E,F2,G1,G	P54-1	
26		Heat insulating sleeve /A	2	250K	26NA53720		P49-6	
27		Fusing bearing /Up	2	250K	26NA53712		P49-5	
28		Fusing bearing /Lw	2	250K	50GA53590		P49-12	
29		Fusing sensor assy	1	500K	50GA-5440		P50-6	
30		Fuse holder assy	1	500K	SP00-0112		P50-10	
31		Fusing claw assy	1	500K	42GA-5330	Α	P53-1	
31		Fusing claw assy	1	500K	50GA-5330	B,C,D1,D3,E,F2,G1,G	P53-1	
32		Fusing driven roller /A assy	2	250K	4040R70600		P52-13	
33		Fusing driven roller /B assy	2	250K	4040R70700		P52-4	
34		Fusing input gear assy	1	500K	50GA-5461		P51-20	
35	Paper reverse ection	Paper exit suction filter	1	250K	50GA44060		P39-2	
36	Write section	Write unit	1	1250K	A0R5R70000		P11-1	

メンテナンスリスト

●ページ/キーナンバーのないものは、アフターサービス部品ではありません。

No.	区分	PM 部品名称	サイクル	(K=1,000)	部品番号	仕向地	夏/キー	備考
			員数	交換				, , , , , , , , , , , , , , , , , , ,
1	感光体部	ドラム	1	250K	-		-	
2		クリーニングブレード Assy	1	250K	50GA-2090		P20-12	
3		ドラムユニット (ドラムなし)	1	750K	50GA-2001		P17-18	
4	転写/分離極部	転写/分離極ユニット	1	500K	50GA-2600		P22-1	
5	現像部	現像剤	1	250K	-		-	
6		現像ユニット	1	750K	50GA-3001		P24-18	
7	本体部	フィルタ取付板 Assy	1	250K	50GA-3360		P29-14	
8		オゾンフィルタ	1	250K	50GA10310		P57-12	
9		サクションフィルタ /A Assv	1	250K	40LAR70500		P30-2	
10		フィルタカバー Assv	1	250K	A0R5R70100		P30-1	
11		サクションカバー /2 Assy	2	250K	50GA-3110		P30-7	
12	給紙部	ピックアップローラ	2	300K	4030300501		P31-7/P33-13	
13		給紙ローラ	2	300K	4030300501		P31-7/P33-13	
14		分離ローラ Assy (トレイ 1、2)	2	300K	4030015101		P32-15/P34-11	
15	手差しトレイ部	給紙ローラ	1	200K	4131300101		P36-36	
16		分離ローラ Assy	1	200K	4034015101		P35-8	
17	レジスト部	ループローラ	1	1250K	50GA38650E		P38-11	
18		レジストローラ /Rt	1	1250K	50GA38480		P38-10	
19		レジスト軸受 /Rt	2	1250K	26NA45360		P38-21	
20		レジスト軸受 /Lt	2	1250K	26NA45371		P38-20	
21		ループ軸受	2	1250K	26NA40820		P38-12	
22	定着部	定着ローラ	1	250K	42GA53030	Α	P49-4	
23		定着ローラ	1	250K	50GA53030	B,C,D1,D3,E,F2,G1,G2,I,	P49-4	
24		定着加圧ローラ	1	250K	42GA53040	Α	P49-13	
25		定着加圧ローラ	1	250K	50GA53040	B,C,D1,D3,E,F2,G1,G2,I,	P49-13	
26		定着ウェブ	1	250K	42GA-5400	Α	P54-1	
27		定着ウェブ	1	250K	50GA-5400	B,C,D1,D3,E,F2,G1,G2,I,	P54-1	
28		断熱スリーブ / A	2	250K	26NA53720		P49-6	
29		定着軸受 /Up	2	250K	26NA53712		P49-5	
30		定着軸受 /Lw	2	250K	50GA53590		P49-12	
31		定着センサ Assy	1	500K	50GA-5440		P50-6	
32		ヒューズ取付板 Assy	1	500K	SP00-0112		P50-10	
33		定着爪 Assy	1	500K	42GA-5330	Α	P53-1	
34		定着爪 Assy	1	500K	50GA-5330	B,C,D1,D3,E,F2,G1,G2,I,	P53-1	
35		定着従動ローラ /A Assy	2	250K	4040R70600		P52-13	
36		定着従動ローラ /B Assy	2	250K	4040R70700		P52-4	
37		定着入力ギア Assy	1	500K	50GA-5461		P51-20	
38	反転部	排紙サクションフィルタ	1	250K	50GA44060		P39-2	
39	書き込み部	書き込みユニット	1	1250K	A0R5R70000	1	P11-1	

DESTINATION

Dest	ination No.		Destinations	V	Hz	Model No.
Α	A1	JAPAN		100	50/60	A0R6001 A0R6001 A0R6011/A0R6012 A0R6021 A0R6041 A0R6041 A0R6041 A0R6041 A0R6041 A0R6041 A0R6041
^	A2	JAPAN	100	50/60	A0R6001	
	В	USA, CANADA		120	60	
	С	EUROPEAN TYPE		220-240	50/60	A0R6021
D	D1	S.E ASIA TYPE	THAILAND, SRI LANKA, SINGAPORE, MALAYSIA, HONG KONG, PAKISTAN, INDIA, BANGLADESH, INDONESIA	220-240	50/60	A0R6041
	D3	OCEANIA TYPE	AUSTRALIA, NEW ZEALAND	220-240	50/60	A0R6041
	E	PHILIPPINES		220-240	50/60	A0R6041
F	F1	SAUDI ARABIA				
Г	F2	SAUDI ARABIA		220-240	50/60	A0R6041
G	G1	C.S AMERICA		220-240	50/60	A0R6041
G	G2	C.S AMERICA		120	60	A0R6011
	Н	TAIWAN				
	I	JORDAN, LEBANON, SYRIA, SOUTH AFRICA, IRAQ, IRAN, N.YEMEN, CAMEROON, UAE, BAHRAIN, OMAN, QATAR, KUWAIT, KENYA, TUNISIA, IVORY COAST, MOROCCO		220-240	50/60	A0R6041
	J	CHINA				
	K	KOREA		220-240	50/60	A0R6041



PARTS GUIDE MANUAL

APRIL 2008

bizhub 501 A0R5

INFORMATION FOR PARTS GUIDE MANUAL

To find correct Parts No., refer to the "HOW TO MAKE THE BEST USE OF THIS MANUAL" in the following page.

HOW TO MAKE THE BEST USE OF THIS MANUAL

- 1 When you order, please check the proper figures beforehand that are on Our Parts Guide Manual, and order with the appropriate figures.
- 2 For screws, Nuts, Washers, retaining rings and Pins which are used in this model, one letter is shown on the Standard parts column of Parts list and exploded diagrams.
- 3 In order to maintain safety of the product, some specific parts composed of this product are set up as "essential safety parts".
- 4 The assigned parts number for the "essential safety parts" is indicated as "SP00-****".

When replacing these parts, follow precautions for disassembling and installing which are listed in the Service Manual.

Do not use any parts that are not set up as

- 5 means that there are exclusive parts for each destination.

 Please check the appropriate destination when you order.
- 6 Revision Mark

Marked as ▲ on the illustration shows that the revision has been made.

7 All rights reserved. (any reprints or quotations are prohibited.)
Use of this parts guide manual should be strictly supervised to avoid disclosure of confidential information.

パーツガイドマニュアルのご案内

サービス部品をご発注の際には、下記に示す "パーツガイドマニュアルの活用にあたって"をご参照の上、正しい部品番号にてお願い致します。

パーツガイドマニュアルの活用にあたって

- 1 部品発注の際には、掲載されている部品番号の桁数を確認し、掲載されている桁数で発注願います。
- 2 この製品に使用されているネジ、ナット、ワッシャー、止め輪、ピンなどは、リストの右側の Standard parts 欄に a,b,c,……で表示し、イラストにも a,b,c,……表示してあります。
- 3 製品の安全性を維持する為に、製品に使用される特定の部品を「重要保安部品」として設定しています。
- 4 重要保安部品の部品番号は、"SP00-****" と記載されていますので、部品 交換時は、サービスマニュアル記載の分解・組み立ての注意事項に従っ て作業をして下さい。

また、指定以外の部品は一切使用しないで下さい。

5 本文に ♣ が表示されている部品は、仕向け地毎に専用部品がある事を意味しています。

オーダーされる時は、仕向け地を確認して下さい。

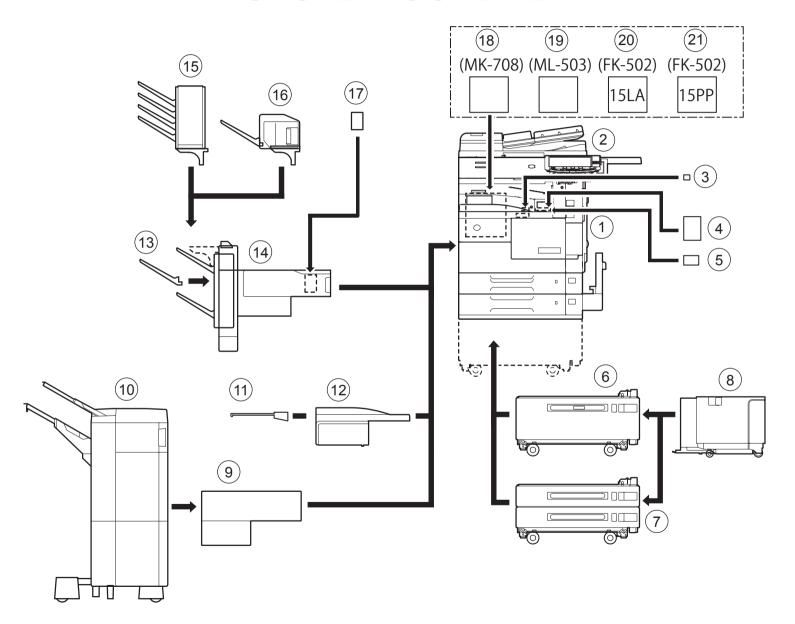
6 改訂記号について

イラスト上に▲印が表示されている部分は、改訂された事を表します。

7 版権所有 (無断転載及び無断引用の禁止) オパーツガイドラニュアルについては、機

本パーツガイドマニュアルについては、機密保持等その扱いには十分注意して下さい。万一取り扱いを誤った場合には、法律で処罰されることがあります。

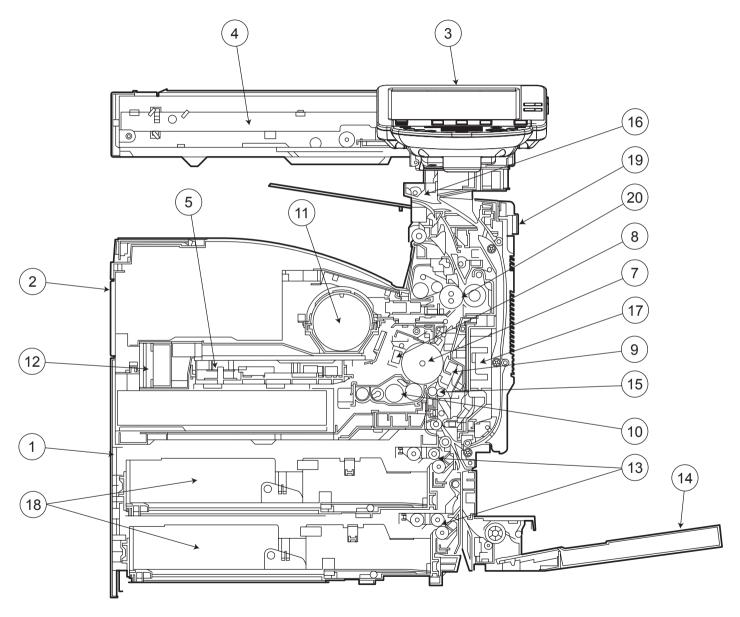
SYSTEM OUTLINE



GENERAL CONTENTS

No.	Description	Model
1	DIGITAL MFP B/W	bizhub 501
2	DOCUMENT FEEDER	DF-613
3	PRINT CONTROLLER	IC-207
4	OTHER OPTION	EK-703
5	OTHER OPTION	HD-509
6	PAPER FEEDER	PC-407
7	PAPER FEEDER	PC-206
8	PAPER FEEDER	LU-203
9	OTHER OPTION	RU-507
10	SORTER/FINISHER	FS-523
11	STACKER	JS-502
12	OTHER OPTION	OT-504
13	OTHER OPTION	OT-602
14	SORTER/FINISHER	FS-522
15	SORTER/FINISHER	MT-502
16	SORTER/FINISHER	SD-507
17	PUNCH UNIT	PU-501
18	FAX CONTROLLER	MK-708
19	FAX CONTROLLER	ML-503
20	FAX CONTROLLER	FK-502

DIAGRAMS OF MAIN PARTS SECTION



CONTENTS

No.	DESCRIPTION	名称	PAGE No.
1	MAIN FRAME	骨格	P1 P2 P3 P4
2	EXTERNAL PARTS	外装	P5 P6
3	OPERATION UNIT	操作部	P7
4	OPTICS UNIT	光学部	P8 P9 P10
5	WRITE UNIT	書き込みユニット	P11
6	DRIVING UNIT	駆動部	P12 P13 P14 P15 P16
7	DRUM CARTRIDGE	ト゛ラムカートリッシ゛	P17 P18 P19 P20
8	CHARGING UNIT	帯電極	P21
9	TRANSFER SEPARATOR CORONA UNIT	転写分離極	P22
10	DEVELOPING UNIT	現像ユニット	P23 P24
11	TONER SUPPLY UNIT	トナー補給部	P25 P26 P27 P28 P29
12	DEVELOPING SUCTION UNIT	現像サクションユニット	P30
13	PAPER FEED UNIT	給紙部	P31 P32 P33 P34
14	MANUAL FEED UNIT	手差しユニット	P35 P36 P37
15	REGISTRATION UNIT	レジストユニット	P38
16	TURNOVER UNIT	反転部	P39 P40
17	CONVEYANCE UNIT	搬送部	P41
18	CASSETTE	カセット	P42
19	AUTO DUPLEX UNIT	自動両面ユニット	P43 P44 P45 P46 P47 P48
20	FIXING UNIT	定着部	P49 P50 P51 P52 P53 P54
21	ELECTRIC PARTS	電装部	P55 P56 P57 P58
22	WIDING	束線	P59 P60 P61 P62 P63 P64 P65 P66 P67
22	WIRING	木砂	P68
23	WIRING ACCESSORY AND JIGS	配線部品 治具	P69 P70
24	ACCESSORY PARTS	アクセサリーパーツ	P71

INDEX

Parts No.	Page No.
000V -18- 1	70-12
000V -18- 2	70-12
000V 1001 0	70-7
000V 1002 0	70-8
000V 1003 0	70-9
000V 1004 0	70-10
000V 1005 0	70-11
00Z9 2450 8	69-20
00Z9 2451 2	69-21
00Z9 2452 4	69-22
0294 2064 0	23-9
0830 2014 0	6-20
0928 3033 01	46-7
0992 3014 01	42-36
1052 4412 01	31-22
1065 3086 01	31-19
1065 3086 01	33-25
1067 2501 01	31-27
1067 2501 01	33-22
1067 2502 01	36-26
1067 2513 01	16-30
1070 3072 01	31-21
1075 2565 01	36-7
1134 3041 01	33-10
1134 3041 01	45-3
1134 3042 02	37-20
1136 2060 0	24-14
1139 3169 01	40-1
1149 3454 01	34-29
1155 2518 01	16-28
1164 2155 01	1-6
1164 3065 01	54-21
1200 2105 02	39-14
1200 5212 04	33-7
1274 3603 01	42-29
12QV 4066 0	38-18
1300 3322 17	36-24
13QA 1033 0	15-7
13QA 7602 1	38-17
13QA 8552 1	38-7

Dorto No	Dono No
Parts No.	Page No.
13RN 7312 0 1900 4141 0	58-11
	12-6
1900 4141 0	13-5
1900 4141 0	14-4
1900 4141 0	15-17
1900 4142 0	14-6
1921 4171 0	51-3
25AA 7553 0	47-16
25HA 2510 0	21-2
25HA 3215 2	26-6
26NA -909 2E	11-2
26NA -918 2E	18-6
26NA -951 2E	10-20
26NA 1240 1	6-22
26NA 1255 0	5-11
26NA 1520 0	13-24
26NA 1560 0	13-4
26NA 1728 0	12-3
26NA 1728 0	13-19
26NA 1728 0 26NA 1728 0	15-2
26NA 1728 0	16-6
26NA 1757 0	15-10
26NA 1758 0	13-21
26NA 1759 0	15-11
26NA 2014 0	20-9
26NA 2016 0	20-14
26NA 2017 0	20-15
26NA 2020 0	18-8
26NA 2022 0	20-7
26NA 2024 2	17-6
26NA 2025 0F	18-3
26NA 2027 0	17-8
26NA 2029 0	17-12
26NA 2030 0	17-9
26NA 2030 0	32-13
26NA 2031 0	17-10
26NA 2037 0D	19-10
26NA 2038 0	19-7
26NA 2042 0	19-5
26NA 2048 0	18-2

26NA 2055 3 20-11 26NA 2056 0 20-10 26NA 2057 0 19-2 26NA 2058 0 20-4 26NA 2071 0 20-13 26NA 2076 0D 19-4 26NA 2086 0D 19-11 26NA 2087 0 19-13 26NA 2092 0 19-1 26NA 2095 0 18-7 26NA 2116 0 20-8 26NA 2116 0 20-8 26NA 2133 0 18-9 26NA 2134 0 17-2 26NA 2136 0 17-20 26NA 2136 0 24-21 26NA 2140 0 17-14 26NA 2143 0 17-17 26NA 2144 0 17-22 26NA 2144 0 17-22 26NA 2144 0 17-22 26NA 2144 0 17-22 26NA 2144 0 17-22 26NA 2518 0 21-9 26NA 2623 0 22-5 26NA 2625 0 22-11	Doute No	Dona Na
26NA 2056 0 20-10 26NA 2057 0 19-2 26NA 2058 0 20-4 26NA 2071 0 20-13 26NA 2076 0D 19-4 26NA 2086 0D 19-11 26NA 2087 0 19-13 26NA 2092 0 19-1 26NA 2095 0 18-7 26NA 2116 0 20-8 26NA 2116 0 20-8 26NA 2133 0 18-9 26NA 2134 0 17-2 26NA 2136 0 17-20 26NA 2136 0 24-21 26NA 2140 0 17-14 26NA 2142 0 17-13 26NA 2143 0 17-22 26NA 2144 0 17-22 26NA 2144 0 17-22 26NA 2144 0 17-22 26NA 2144 0 17-22 26NA 2518 0 21-9 26NA 2518 0 21-9 26NA 2608 0 22-3 26NA 2623 0 22-5	Parts No.	Page No.
26NA 2057 0 19-2 26NA 2058 0 20-4 26NA 2071 0 20-13 26NA 2076 0D 19-4 26NA 2086 0D 19-11 26NA 2087 0 19-13 26NA 2092 0 19-1 26NA 2095 0 18-7 26NA 2107 0 19-9 26NA 2116 0 20-8 26NA 2128 0 19-19 26NA 2133 0 18-9 26NA 2134 0 17-2 26NA 2136 0 24-21 26NA 2138 0 17-5 26NA 2140 0 17-14 26NA 2142 0 17-13 26NA 2143 0 17-17 26NA 2144 0 17-22 26NA 2144 0 17-22 26NA 2145 0 21-11 26NA 2518 0 21-9 26NA 2608 0 22-3 26NA 2623 0 22-5		
26NA 2058 0 20-4 26NA 2071 0 20-13 26NA 2076 0D 19-4 26NA 2086 0D 19-11 26NA 2087 0 19-13 26NA 2092 0 19-1 26NA 2095 0 18-7 26NA 2107 0 19-9 26NA 2116 0 20-8 26NA 2128 0 19-19 26NA 2133 0 18-9 26NA 2134 0 17-2 26NA 2136 0 17-20 26NA 2136 0 24-21 26NA 2138 0 17-5 26NA 2140 0 17-14 26NA 2142 0 17-13 26NA 2143 0 17-17 26NA 2144 0 17-22 26NA 2144 0 17-22 26NA 2144 0 17-22 26NA 2518 0 21-9 26NA 2518 0 21-9 26NA 2608 0 22-3 26NA 2623 0 22-5		
26NA 2071 0 20-13 26NA 2076 0D 19-4 26NA 2086 0D 19-11 26NA 2087 0 19-13 26NA 2092 0 19-1 26NA 2095 0 18-7 26NA 2107 0 19-9 26NA 2116 0 20-8 26NA 2128 0 19-19 26NA 2133 0 18-9 26NA 2134 0 17-2 26NA 2136 0 17-20 26NA 2136 0 24-21 26NA 2138 0 17-5 26NA 2140 0 17-14 26NA 2142 0 17-13 26NA 2143 0 17-27 26NA 2144 0 17-22 26NA 2144 0 17-22 26NA 2144 0 17-22 26NA 2518 0 21-9 26NA 2518 0 21-9 26NA 2608 0 22-3 26NA 2623 0 22-5		
26NA 2076 0D 19-4 26NA 2086 0D 19-11 26NA 2087 0 19-13 26NA 2092 0 19-1 26NA 2095 0 18-7 26NA 2107 0 19-9 26NA 2116 0 20-8 26NA 2128 0 19-19 26NA 2133 0 18-9 26NA 2134 0 17-2 26NA 2136 0 24-21 26NA 2138 0 17-5 26NA 2138 0 17-5 26NA 2140 0 17-14 26NA 2142 0 17-13 26NA 2144 0 17-22 26NA 2144 0 17-22 26NA 2144 0 17-22 26NA 2518 0 21-9 26NA 2518 0 21-9 26NA 2608 0 22-3 26NA 2623 0 22-5		
26NA 2086 0D 19-11 26NA 2087 0 19-13 26NA 2092 0 19-1 26NA 2095 0 18-7 26NA 2107 0 19-9 26NA 2116 0 20-8 26NA 2128 0 19-19 26NA 2133 0 18-9 26NA 2134 0 17-2 26NA 2136 0 24-21 26NA 2138 0 17-5 26NA 2138 0 17-5 26NA 2140 0 17-14 26NA 2142 0 17-13 26NA 2143 0 17-17 26NA 2144 0 17-22 26NA 2144 0 17-22 26NA 2151 0 21-11 26NA 2518 0 21-9 26NA 2608 0 22-3 26NA 2623 0 22-5		
26NA 2087 0 19-13 26NA 2092 0 19-1 26NA 2095 0 18-7 26NA 2107 0 19-9 26NA 2116 0 20-8 26NA 2128 0 19-19 26NA 2133 0 18-9 26NA 2134 0 17-2 26NA 2136 0 24-21 26NA 2138 0 17-5 26NA 2138 0 17-5 26NA 2140 0 17-14 26NA 2142 0 17-13 26NA 2143 0 17-27 26NA 2144 0 17-22 26NA 2144 0 17-22 26NA 2518 0 21-9 26NA 2518 0 21-9 26NA 2608 0 22-3 26NA 2623 0 22-5	26NA 2076 0D	
26NA 2092 0 19-1 26NA 2095 0 18-7 26NA 2107 0 19-9 26NA 2116 0 20-8 26NA 2128 0 19-19 26NA 2133 0 18-9 26NA 2134 0 17-2 26NA 2136 0 24-21 26NA 2136 0 24-21 26NA 2138 0 17-5 26NA 2140 0 17-14 26NA 2142 0 17-13 26NA 2143 0 17-17 26NA 2144 0 17-22 26NA 2517 0 21-11 26NA 2518 0 21-9 26NA 2608 0 22-3 26NA 2623 0 22-5		
26NA 2095 0 18-7 26NA 2107 0 19-9 26NA 2116 0 20-8 26NA 2128 0 19-19 26NA 2133 0 18-9 26NA 2134 0 17-2 26NA 2136 0 24-21 26NA 2136 0 24-21 26NA 2138 0 17-5 26NA 2140 0 17-14 26NA 2142 0 17-13 26NA 2143 0 17-17 26NA 2144 0 17-22 26NA 2517 0 21-11 26NA 2518 0 21-9 26NA 2608 0 22-3 26NA 2623 0 22-5		
26NA 2107 0 19-9 26NA 2116 0 20-8 26NA 2128 0 19-19 26NA 2133 0 18-9 26NA 2134 0 17-2 26NA 2136 0 24-21 26NA 2138 0 17-5 26NA 2138 0 17-5 26NA 2140 0 17-14 26NA 2142 0 17-13 26NA 2144 0 17-22 26NA 2144 0 17-22 26NA 2517 0 21-11 26NA 2518 0 21-9 26NA 2608 0 22-3 26NA 2623 0 22-5	26NA 2092 0	
26NA 2116 0 20-8 26NA 2128 0 19-19 26NA 2133 0 18-9 26NA 2134 0 17-2 26NA 2136 0 24-21 26NA 2136 0 24-21 26NA 2138 0 17-5 26NA 2140 0 17-14 26NA 2142 0 17-13 26NA 2144 0 17-22 26NA 2144 0 17-22 26NA 2517 0 21-11 26NA 2518 0 21-9 26NA 2608 0 22-3 26NA 2623 0 22-5	26NA 2095 0	18-7
26NA 2128 0 19-19 26NA 2133 0 18-9 26NA 2134 0 17-2 26NA 2136 0 17-20 26NA 2136 0 24-21 26NA 2138 0 17-5 26NA 2140 0 17-14 26NA 2142 0 17-13 26NA 2143 0 17-17 26NA 2144 0 17-22 26NA 2517 0 21-11 26NA 2518 0 21-9 26NA 2608 0 22-3 26NA 2623 0 22-5	26NA 2107 0	19-9
26NA 2133 0 18-9 26NA 2134 0 17-2 26NA 2136 0 17-20 26NA 2136 0 24-21 26NA 2138 0 17-5 26NA 2140 0 17-14 26NA 2142 0 17-13 26NA 2143 0 17-17 26NA 2144 0 17-22 26NA 2517 0 21-11 26NA 2518 0 21-9 26NA 2608 0 22-3 26NA 2623 0 22-5		20-8
26NA 2134 0 17-2 26NA 2136 0 17-20 26NA 2136 0 24-21 26NA 2138 0 17-5 26NA 2140 0 17-14 26NA 2142 0 17-13 26NA 2143 0 17-17 26NA 2144 0 17-22 26NA 2517 0 21-11 26NA 2518 0 21-9 26NA 2608 0 22-3 26NA 2623 0 22-5	26NA 2128 0	19-19
26NA 2136 0 17-20 26NA 2136 0 24-21 26NA 2138 0 17-5 26NA 2140 0 17-14 26NA 2142 0 17-13 26NA 2143 0 17-17 26NA 2144 0 17-22 26NA 2517 0 21-11 26NA 2518 0 21-9 26NA 2608 0 22-3 26NA 2623 0 22-5	26NA 2133 0	18-9
26NA 2136 0 24-21 26NA 2138 0 17-5 26NA 2140 0 17-14 26NA 2142 0 17-13 26NA 2143 0 17-17 26NA 2144 0 17-22 26NA 2517 0 21-11 26NA 2518 0 21-9 26NA 2608 0 22-3 26NA 2623 0 22-5	26NA 2134 0	17-2
26NA 2138 0 17-5 26NA 2140 0 17-14 26NA 2142 0 17-13 26NA 2143 0 17-17 26NA 2144 0 17-22 26NA 2517 0 21-11 26NA 2518 0 21-9 26NA 2608 0 22-3 26NA 2623 0 22-5		17-20
26NA 2140 0 17-14 26NA 2142 0 17-13 26NA 2143 0 17-17 26NA 2144 0 17-22 26NA 2517 0 21-11 26NA 2518 0 21-9 26NA 2608 0 22-3 26NA 2623 0 22-5	26NA 2136 0	24-21
26NA 2142 0 17-13 26NA 2143 0 17-17 26NA 2144 0 17-22 26NA 2517 0 21-11 26NA 2518 0 21-9 26NA 2608 0 22-3 26NA 2623 0 22-5	26NA 2138 0	17-5
26NA 2142 0 17-13 26NA 2143 0 17-17 26NA 2144 0 17-22 26NA 2517 0 21-11 26NA 2518 0 21-9 26NA 2608 0 22-3 26NA 2623 0 22-5	26NA 2140 0	17-14
26NA 2144 0 17-22 26NA 2517 0 21-11 26NA 2518 0 21-9 26NA 2608 0 22-3 26NA 2623 0 22-5		17-13
26NA 2517 0 21-11 26NA 2518 0 21-9 26NA 2608 0 22-3 26NA 2623 0 22-5	26NA 2143 0	17-17
26NA 2518 0 21-9 26NA 2608 0 22-3 26NA 2623 0 22-5	26NA 2144 0	17-22
26NA 2608 0 22-3 26NA 2623 0 22-5	26NA 2517 0	21-11
26NA 2623 0 22-5	26NA 2518 0	21-9
	26NA 2608 0	22-3
26NA 2625 0 22-11	26NA 2623 0	22-5
	26NA 2625 0	22-11
26NA 2626 0 22-12		
26NA 3009 0 24-8		24-8
26NA 3021 1G 24-24	26NA 3021 1G	24-24
26NA 3036 0 24-22	26NA 3036 0	
26NA 3044 0 24-17		
26NA 3045 0 23-8		
26NA 3047 0 23-2		
26NA 3049 0 23-1		
26NA 3063 0 24-23		24-23
26NA 3065 0 24-16		
26NA 3066 0 24-15	26NA 3066 0	
26NA 3070 0 24-13		
26NA 3072 0 23-4		

Parts No.	Page No.
26NA 3073 0	24-11
26NA 3075 0	24-28
26NA 3077 0	24-4
26NA 3084 0	24-19
26NA 3085 0	24-3
26NA 3086 0	24-25
26NA 3087 0	13-26
26NA 3093 0	24-27
26NA 3094 0	24-5
26NA 3095 0	24-10
26NA 3096 0	24-9
26NA 3101 0	24-30
26NA 3204 0	26-14
26NA 3209 0	26-25
26NA 3220 0	26-23
26NA 3228 0	26-21
26NA 3230 0	26-27
26NA 3231 1E	25-16
26NA 3242 0	25-14
26NA 3243 0	26-28
26NA 3254 0	26-22
26NA 3255 0	26-24
26NA 3256 0	26-9
26NA 3259 0	25-12
26NA 3266 0	25-6
26NA 3268 0	25-4
26NA 3269 0	26-29
26NA 3287 0	27-9
26NA 3290 0	26-26
26NA 3291 0	26-16
26NA 3292 0	26-17
26NA 3293 0	26-15
26NA 3294 0	25-13
26NA 3295 0	25-15
26NA 3296 0	26-7
26NA 3297 0	26-13
26NA 4082 0	38-12
26NA 4256 U	47-17
26NA 4507 1	41-10
26NA 4514 1	38-23

Parts No.	Page No.
26NA 4536 0	38-21
26NA 4537 1	38-20
26NA 4538 1	41-19
26NA 4549 0	21-14
26NA 4549 0	41-11
26NA 4552 0	
26NA 5037 0	41-1 12-21
	50-17
26NA 5321 1	51-12
26NA 5329 0	
26NA 5346 0	51-6
26NA 5349 0	54-9
26NA 5359 0	12-22
26NA 5359 0	13-20
26NA 5361 0	54-8
26NA 5362 0	49-8
26NA 5371 2	49-5
26NA 5372 0	49-6
26NA 5374 0	49-17
26NA 5377 0	49-19
26NA 5384 0	51-11
26NA 5403 0	50-1
26NA 5414 0	51-25
26NA 5419 0	51-24
26NA 5423 0	49-18
26NA 5423 0	50-3
26NA 5424 0	51-10
26NA 5428 0	50-16
26NA 5429 0	51-7
26NA 5430 0	54-12
26NA 6115 0	9-6
26NA 6130 0	9-4
26NA 6131 0	10-17
26NA 6134 0	10-21
26NA 6137 0	10-14
26NA 6138 0	10-4
26NA 6139 0	10-23
26NA 6141 0	10-22
26NA 6153 1	10-5
26NA 6154 0	10-7
26NA 6155 1	10-12

Parts No.	Page No.
26NA 6156 0	10-3
26NA 6159 0	10-13
26NA 6160 0	10-8
26NA 6161 0	10-6
26NA 6173 2	8-1
26NA 6175 1	10-26
26NA 6181 2	8-4
26NA 6184 0	10-31
26NA 6194 0	10-2
26NA 6206 0	10-18
26NA 6213 0	5-10
26NA 6216 0	8-14
26NA 6228 0	8-5
26NA 6232 0	10-32
26NA 6239 1	10-11
26NA 6245 1	8-13
26NA 6528 0	4-2
26NA 6529 0	4-1
26NA 7325 1	22-9
26NA 7325 1	56-17
26NA 7357 0	58-12
26NA 7373 2	57-1
26NA 8006 1	25-5
26NA 8251 3	25-11
26NA 8804 1	23-10
26NA 8846 1	57-6
26NA 9019 1	59-1
26NA 9031 1	62-9
26NA 9035 1	59-2
26NA JG01 1	70-6
26NA R701 00	57-7
26NA R702 00	13-3
26NA R703 00	18-4
26NA R704 00	17-23
26NA R705 00	17-4
26NA R706 00	18-5
26NA R707 00	24-12
26NA R708 00	23-3
26NA R709 00	3-9
26NA R710 00	12-19

Parts No.	Page No.
26NA R711 00	10-1
26NA R712 00	56-18
26TA -235 0	19-17
26TA -236 0	19-18
26TA -237 1	19-22
26TA 2032 0	17-7
26TA 2053 1	19-15
26TA 2088 1	19-12
26TA 2146 0	19-26
26TA 2147 0	19-25
26TA 2148 0	19-24
26TA 2149 0	19-23
26TA 2151 0	20-6
26TA 2154 0	19-16
26TA 2161 1	19-20
26TA 3258 0	25-7
26TA 3261 0	25-10
26TA 3264 0	25-8
26TA 3296 0	27-2
26TA 3297 0	27-3
26TA 3298 0	27-6
26TA 3299 0	27-4
26TA 3301 0	26-18
26TA 6251 0	8-9
26TA 6252 1	10-9
26TA 6253 0	10-10
26TA 8452 1	8-10
26TA R701 00	19-21
26TA R702 00	24-7
27LA 5383 0	54-7
27LA 5419 0	54-2
27LA 5446 0	3-10
27LA 7391 0	57-2
27LA 7399 0	58-17
27LA 8003 2E	12-1
27LA 8051 1	57-3
27LA 8803 1	56-9
3920 4526 0	17-24
4002 3108 01	42-37
4002 3110 01	55-6

Parts No.	Page No.
4002 3131 01	55-5
4002 3779 01	39-17
4002 7306 01	42-20
4011 3012 01	55-1
4011 3020 01	42-27
4011 3021 01	42-26
4011 5852 02	39-5
4011 5852 02	45-12
4030 0151 01	32-15
4030 0151 01	34-11
4030 0207 04	39-16
4030 0216 05	37-9
4030 2005 02	1-16
4030 2006 01	1-1
4030 2007 01	1-13
4030 2008 02	1-14
4030 2009 01	3-3
4030 2010 01	1-5
4030 2011 01	1-3
4030 2018 01	2-1
4030 2022 01	48-6
4030 2023 01	48-8
4030 2029 02	1-12
4030 2038 02	1-11
4030 2039 02	3-4
4030 2041 02	1-8
4030 2042 02	1-2
4030 2062 01	3-2
4030 2080 01	2-19
4030 2081 01	1-15
4030 3001 03	31-28
4030 3002 02	31-10
4030 3002 02	33-16
4030 3003 01	31-12
4030 3003 01	33-21
4030 3004 01	31-20
4030 3005 01	31-7
4030 3005 01	33-13
4030 3008 01	31-11
4030 3008 01	33-17

Parts No.	Page No.
4030 3010 02	33-37
4030 3011 03	31-24
4030 3011 03	33-27
4030 3012 01	31-25
4030 3012 01	33-28
4030 3013 01	32-17
4030 3013 01	34-9
4030 3014 01	32-7
4030 3014 01	34-7
4030 3016 12	31-30
4030 3016 12	33-11
4030 3017 03	32-6
4030 3017 03	34-5
4030 3018 01	33-6
4030 3019 02	33-9
4030 3021 01	33-36
4030 3022 01	33-26
4030 3023 03	31-15
4030 3025 02	32-14
4030 3025 02	34-17
4030 3026 02	32-10
4030 3027 02	32-11
4030 3030 01	31-18
4030 3030 01	33-24
4030 3031 01	33-8
4030 3032 03	32-2
4030 3034 01	31-8
4030 3034 01	33-14
4030 3036 01	31-13
4030 3036 01	34-18
4030 3037 01	32-12
4030 3037 01	34-16
4030 3039 01	32-18
4030 3039 01	34-8
4030 3041 02	31-4
4030 3042 02	33-5
4030 3046 03	55-16
4030 3047 02	55-4
4030 3048 02	55-13
4030 3049 01	55-14

Parts No.	Page No.
4030 3051 01	16-22
4030 3052 01	16-25
4030 3053 01	16-27
4030 3054 01	16-29
4030 3055 01	16-26
4030 3057 01	16-19
4030 3059 01	16-35
4030 3060 01	16-34
4030 3063 01	33-35
4030 3064 01	33-32
4030 3067 01	16-21
4030 3068 01	33-34
4030 3069 01	33-33
4030 3077 01	32-16
4030 3077 01	34-10
4030 3078 01	32-4
4030 3078 01	34-3
4030 3079 01	32-9
4030 3079 01	34-2
4030 3080 01	32-8
4030 3081 01	55-10
4030 3083 01	55-12
4030 3084 01	31-2
4030 3085 01	31-16
4030 3086 01	31-3
4030 3087 01	31-1
4030 3088 01	31-14
4030 3091 01	55-2
4030 3092 01	33-31
4030 3093 01	36-17
4030 3095 01	34-19
4030 3105 01	34-12
4030 3107 01	34-22
4030 3108 01	32-1
4030 3112 02	33-1
4030 3114 02	34-23
4030 3115 01	34-30
4030 3116 01	34-24
4030 3117 02	34-27
4030 3121 01	34-34

Parts No.	Page No.	Parts No.	Page No.	Parts No.	Page No.	Parts No.	Page No.	Parts No.	Page No.
4030 3122 01	34-33	4030 3420 02	36-14	4030 3492 01	35-12	4030 3818 02	40-9	4030 5848 01	52-14
4030 3123 01	34-32	4030 3422 01	36-20	4030 3523 02	57-14	4030 3819 01	40-10	4030 5854 01	52-8
4030 3124 03	34-13	4030 3424 01	35-19	4030 3524 01	57-15	4030 3821 01	39-18	4030 5855 01	52-6
4030 3125 01	32-5	4030 3427 01	36-23	4030 3703 01	44-1	4030 3823 01	40-8	4030 5856 01	52-9
4030 3125 01	34-14	4030 3428 01	35-17	4030 3707 01	46-8	4030 3824 01	45-11	4030 5856 01	53-9
4030 3128 01	33-4	4030 3429 02	36-1	4030 3708 01	46-10	4030 3825 02	45-10	4030 5857 01	52-7
4030 3129 03	34-15	4030 3430 01	36-18	4030 3709 01	46-15	4030 3826 01	40-4	4030 5858 01	52-5
4030 3134 03	34-31	4030 3432 07	36-35	4030 3710 01	43-10	4030 3829 01	45-8	4030 6214 00	42-38
4030 3135 01	34-25	4030 3434 01	36-4	4030 3713 01	43-4	4030 3834 01	39-19	4030 6215 00	42-39
4030 3201 09	42-12	4030 3435 01	37-27	4030 3725 01	43-14	4030 5717 01	53-12	4030 6810 02	68-3
4030 3203 01	42-16	4030 3436 01	37-13	4030 3726 01	43-3	4030 5750 03	53-2	4030 6811 01	31-5
4030 3205 01	42-35	4030 3437 01	37-28	4030 3733 03	43-11	4030 5753 01	53-14	4030 6812 02	67-1
4030 3206 01	42-34	4030 3438 01	35-23	4030 3734 01	43-15	4030 5802 01	52-15	4030 6813 02	67-2
4030 3207 01	42-25	4030 3441 01	36-5	4030 3735 01	44-3	4030 5803 01	54-14	4030 6814 03	68-1
4030 3208 02	55-9	4030 3444 01	36-29	4030 3737 01	46-6	4030 5805 03	52-11	4030 6818 01	68-2
4030 3211 02	42-8	4030 3445 01	36-30	4030 3738 03	46-5	4030 5805 03	53-11	4030 6824 01	59-4
4030 3212 01	42-19	4030 3446 01	37-17	4030 3739 01	46-3	4030 5806 01	52-12	4030 7306 02	37-30
4030 3214 02	42-21	4030 3447 01	36-28	4030 3740 01	46-14	4030 5808 02	53-4	4030 7307 02	37-30
4030 3215 01	42-22	4030 3448 01	35-20	4030 3741 03	46-13	4030 5809 02	53-7	4030 7308 02	37-30
4030 3216 01	42-32	4030 3455 02	37-11	4030 3742 01	46-12	4030 5810 02	53-8	4030 7315 01	1-4
4030 3217 01	42-3	4030 3456 01	35-5	4030 3743 02	46-11	4030 5811 01	54-15	4030 R705 00	16-31
4030 3218 01	42-33	4030 3457 03	35-18	4030 3744 01	43-19	4030 5812 01	52-16	4030 R707 00	36-19
4030 3222 03	42-24	4030 3460 02	37-8	4030 3745 01	43-21	4030 5816 01	52-24	4030 R708 00	36-6
4030 3223 03	42-28	4030 3463 01	37-10	4030 3748 01	43-7	4030 5817 02	52-25	4034 0151 01	35-8
4030 3224 02	42-41	4030 3464 01	36-27	4030 3749 01	43-5	4030 5820 03	52-23	4037 0104 01	55-3
4030 3224 02	55-11	4030 3465 01	36-31	4030 3749 01	46-17	4030 5821 02	52-22	4037 0906 01	31-26
4030 3226 01	42-30	4030 3467 01	36-9	4030 3750 01	46-16	4030 5822 03	52-26	4037 0906 01	33-3
4030 3227 01	42-13	4030 3472 01	37-14	4030 3755 01	44-9	4030 5823 01	52-2	4037 0906 01	36-3
4030 3228 12	42-11	4030 3473 02	37-26	4030 3760 01	46-2	4030 5827 01	52-30	4037 0906 01	37-21
4030 3229 02	42-31	4030 3474 01	35-13	4030 3805 02	40-11	4030 5827 01	53-3	4037 0906 01	39-22
4030 3401 13	36-22	4030 3475 01	35-11	4030 3806 02	45-9	4030 5834 02	54-18	4037 0906 01	55-7
4030 3402 01	35-14	4030 3476 01	35-4	4030 3807 03	40-7	4030 5836 01	52-19	4037 3204 01	42-2
4030 3403 01	35-15	4030 3477 01	35-3	4030 3808 01	40-12	4030 5839 03	52-3	4037 3213 12	42-14
4030 3404 01	35-10	4030 3478 02	36-11	4030 3809 01	39-13	4030 5840 02	52-17	4037 6899 01	37-12
4030 3412 01	37-7	4030 3479 01	36-2	4030 3810 01	39-12	4030 5841 01	54-16	4040 0780 01	57-5
4030 3414 01	37-19	4030 3481 01	35-24	4030 3811 01	45-4	4030 5842 01	52-33	4040 3096 01	31-23
4030 3415 02	37-18	4030 3484 01	35-6	4030 3812 01	45-5	4030 5843 02	52-10	4040 3096 01	33-29
4030 3416 02	36-34	4030 3486 01	37-1	4030 3813 01	45-6	4030 5844 02	52-18	4040 3097 01	31-17
4030 3417 01	36-25	4030 3487 01	37-3	4030 3814 01	45-7	4030 5845 02	52-20	4040 3097 01	33-23
4030 3419 01	36-15	4030 3489 01	35-16	4030 3817 01	40-6	4030 5847 01	52-1	4040 3443 01	36-32

Parts No.	Page No.
4040 3495 01	35-26
4040 3496 01	35-25
4040 3497 01	36-33
4040 3833 02	39-4
4040 5610 00	32-19
4040 5610 00	34-6
4040 5612 00	32-20
4040 5612 00	34-4
4040 5758 01	51-21
4040 6205 00	1-9
4040 R706 00	52-13
4040 R707 00	52-4
40AA 2017 0	17-16
40AA 2023 0	17-11
40AA 3229 0	48-4
40AA 5347 0	49-16
40AA 7319 1	17-25
40AA 8501 1	56-12
40AA 8803 1	26-19
40LA -215 1	19-6
40LA -221 0	17-26
40LA -222 0	17-27
40LA 1740 0	16-7
40LA 1754 0	15-4
40LA 1755 0	15-5
40LA 1756 0	15-9
40LA 2005 0	19-3
40LA 2019 0	20-1
40LA 2034 0D	20-5
40LA 2036 0E	20-2
40LA 2094 0	17-21
40LA 2167 0	18-1
40LA 2501 1	21-4
40LA 2502 0	21-13
40LA 2504 0	21-12
40LA 2505 0	21-5
40LA 2507 0	21-10
40LA 2516 0	21-6
40LA 2519 0	21-3
40LA 2520 0	21-15

Parts No.	Page No.
40LA 3227 0	26-10
40LA 5443 0	50-13
40LA 6114 0	8-2
40LA 6116 1E	9-16
40LA 6119 0	10-29
40LA 6121 0	10-19
40LA 6174 1	8-12
40LA 6183 0	10-30
40LA 6192 0	10-28
40LA 6193 0	10-27
40LA 6201 0	9-9
40LA 6246 0	9-18
40LA 6526 0	11-3
40LA 7384 0	58-15
40LA 8301 1	10-15
40LA 8351 3	9-12
40LA 9007 1	64-5
40LA 9022 0E	64-6
40LA 9025 0	64-4
40LA 9736 1	58-8
40LA R701 00	20-16
40LA R702 00	17-19
40LA R703 00	20-17
40LA R704 00	21-7
40LA R705 00	30-2
40LA R706 00	26-12
40LA R707 00	54-5
40LA R708 00	54-10
4128 3823 01	42-1
4131 2536 02	40-3
4131 3001 01	36-36
4131 3003 01	16-20
4131 3003 01	31-6
4131 3003 01	33-12
4131 3004 02	36-16
4131 3007 02	36-13
4131 3053 02	35-9
4131 3532 02	33-2
4131 4128 01	36-12
4131 4623 04	37-5

Parts No.	Page No.
4163 5293 01	34-26
4348 6206 00	1-10
4425 3013 01	31-29
4425 3013 01	33-15
4425 3016 01	31-9
4425 3016 01	33-20
4426 4411 02	40-5
4470 4024 01	29-7
4470 4024 01	53-5
4497 3114 01	44-5
4497 3114 01	46-19
4497 3116 01	44-6
4497 3116 01	46-20
4498 3388 01	39-6
4498 3469 01	42-15
4498 3825 01	42-4
4498 3826 01	42-5
4657 3714 01	43-18
4658 3012 01	42-23
4658 3047 01	57-9
4658 3048 01	42-6
4658 3049 01	42-7
4658 3513 01	32-23
4658 3517 01	36-8
4660 7602 0	12-12
4660 7602 0	13-7
4660 7801 0	24-2
4660 7801 0	51-4
4661 3106 01	44-12
4661 3150 01	44-13
4661 3155 01	44-14
4687 3281 01	35-2
50GA -153 0	13-27
50GA -154 0	13-25
50GA -155 0	13-2
50GA -157 0	12-18
50GA -159 0	13-22
50GA -160 1E	13-8
50GA -164 1F	14-9
50GA -165 0E	14-13

Parts No.	Page No.
50GA -167 0F	14-18
50GA -168 0E	14-10
50GA -169 2	16-23
50GA -171 0	15-3
50GA -172 0	15-13
50GA -173 0E	15-6
50GA -176 0	16-33
50GA -183 0	12-13
50GA -186 1G	16-3
50GA -188 0	12-27
50GA -200 1	17-18
50GA -205 0	19-14
50GA -209 0	20-12
50GA -217 0	19-8
50GA -218 0	17-15
50GA -250 0	21-1
50GA -251 0	21-16
50GA -260 0	22-1
50GA -261 0	22-8
50GA -262 0	22-10
50GA -300 1	24-18
50GA -304 0	24-31
50GA -307 0E	24-29
50GA -311 0	30-7
50GA -313 0	30-3
50GA -315 0	30-4
50GA -316 0	30-5
50GA -319 0	30-6
50GA -320 1	26-1
50GA -322 1	25-1
50GA -323 0	25-9
50GA -332 1	27-1
50GA -333 0	27-7
50GA -334 1	27-5
50GA -336 0	29-14
50GA -337 0	28-9
50GA -380 1	38-1
50GA -382 0	38-2
50GA -400 0	33-38
50GA -402 0	33-39

Parts No.	Page No.
50GA -450 0	41-22
50GA -452 0	41-23
50GA -513 0	47-3
50GA -519 0	43-9
50GA -520 0	43-13
50GA -521 0	44-17
50GA -530 0	51-1
50GA -533 0	53-1
50GA -540 0	54-1
50GA -543 0	51-2
50GA -544 0	50-6
50GA -546 1	51-20
50GA -548 0	50-20
50GA -550 0	3-11
50GA -556 0	54-11
50GA -626 1	8-11
50GA -628 0	9-5
50GA -751 0	56-16
50GA -902 0E	58-2
50GA -905 0	9-13
50GA -913 0	41-3
50GA 1006 0	4-5
50GA 1007 0E	4-4
50GA 1010 0	2-17
50GA 1011 0	2-22
50GA 1013 0	2-2
50GA 1014 0	2-10
50GA 1015 0	2-13
50GA 1018 0	2-16
50GA 1019 0	2-14
50GA 1021 0	2-12
50GA 1023 0D	4-3
50GA 1024 0	2-21
50GA 1026 0	71-1
50GA 1030 0	2-4
50GA 1031 0	57-12
50GA 1360 00	58-5
50GA 1503 0	13-18
50GA 1504 0E	16-18
50GA 1506 0	12-11

Parts No.	Page No.
50GA 1507 0F	16-15
50GA 1509 1	16-2
50GA 1518 1E	13-9
50GA 1522 0E	12-17
50GA 1541 0	12-25
50GA 1545 0	12-20
50GA 1547 0	12-26
50GA 1548 0	13-23
50GA 1550 0	12-5
50GA 1551 0	13-6
50GA 1552 0	12-7
50GA 1553 0	12-14
50GA 1554 0	12-15
50GA 1555 0	13-16
50GA 1556 0	13-11
50GA 1557 0	13-17
50GA 1559 0	13-12
50GA 1560 0	13-10
50GA 1561 0E	12-16
50GA 1562 0	13-15
50GA 1563 0	13-13
50GA 1564 0	13-14
50GA 1565 0	12-23
50GA 1566 0	12-4
50GA 1605 0	14-1
50GA 1610 0	14-19
50GA 1611 0	14-5
50GA 1612 0	14-7
50GA 1613 0	14-2
50GA 1614 0E	14-16
50GA 1616 0	14-11
50GA 1617 0	14-12
50GA 1618 0F	14-17
50GA 1619 1	14-3
50GA 1620 0E	14-15
50GA 1640 1E	16-32
50GA 1703 0	15-12
50GA 1751 0	15-16
50GA 1752 0	15-14
50GA 1753 0	15-15

Parts No. Page No.	
50GA 1760 1E 15-8	
50GA 1811 1G 16-4	
50GA 1822 0D 16-10	
50GA 1824 1E 16-14	
50GA 1841 0 16-9	
50GA 1842 0 16-12	
50GA 1843 0 16-11	
50GA 1851 0 16-1	
50GA 1852 3I 16-5	
50GA 1853 2G 16-8	
50GA 1854 2G 16-17	
50GA 1855 2G 16-13	
50GA 1856 0 12-8	
50GA 1857 0 12-9	
50GA 1858 0E 12-10	
50GA 1859 2G 16-16	
50GA 2007 0 20-3	
50GA 2035 0E 17-3	
50GA 2104 00 12-24	
50GA 2501 00 14-14	
50GA 2506 0 21-8	
50GA 2509 0 21-17	
50GA 2604 0 22-7	
50GA 2606 0E 22-13	
50GA 2607 0F 22-6	
50GA 2619 1E 22-2	
50GA 3014 0 24-6	
50GA 3015 0 24-1	
50GA 3017 0 24-26	
50GA 3018 0 24-20	
50GA 3071 0 3-13	
50GA 3074 0 2-15	
50GA 3157 0 23-7	
50GA 3160 0 23-6	
50GA 3161 0 23-5	
50GA 3208 0 26-20	
50GA 3210 2I 28-2	
50GA 3211 1F 29-16	
50GA 3223 0 29-6	
50GA 3251 0 26-8	

Parts No.	Page No.
50GA 3252 0	26-2
50GA 3253 0	26-5
50GA 3270 0	26-4
50GA 3271 0	25-2
50GA 3272 0	25-3
50GA 3282 2F	27-11
50GA 3285 1	27-8
50GA 3302 0	29-12
50GA 3303 0	29-1
50GA 3304 0	28-7
50GA 3305 0E	29-15
50GA 3306 0E	28-5
50GA 3307 1	29-4
50GA 3308 0E	28-1
50GA 3309 1E	28-6
50GA 3310 0	27-14
50GA 3311 0	27-12
50GA 3312 0	27-10
50GA 3313 0	29-13
50GA 3314 0	29-10
50GA 3315 2F	28-4
50GA 3316 1E	29-8
50GA 3317 0E	29-5
50GA 3318 2	28-3
50GA 3319 0	28-8
50GA 3321 0	28-10
50GA 3322 0	26-11
50GA 3323 0E	26-3
50GA 3324 0	29-2
50GA 3325 0	29-11
50GA 3326 0	27-13
50GA 3332 0	28-11
50GA 3333 0	29-9
50GA 3813 0	38-25
50GA 3848 0	38-10
50GA 3849 0	38-9
50GA 3854 1F	38-5
50GA 3858 1F	38-6
50GA 3861 0	38-14
50GA 3865 0E	38-11

Parts No.	Page No.
50GA 3867 0E	38-24
50GA 3868 0E	38-15
50GA 3869 1F	38-8
50GA 3870 0E	38-4
50GA 3875 0D	38-3
50GA 3879 0	38-13
50GA 4001 0	32-3
50GA 4002 0	32-22
50GA 4003 0	32-21
50GA 4005 0	33-18
50GA 4006 00	34-21
50GA 4007 00	34-20
50GA 4008 00	42-10
50GA 4009 00	42-9
50GA 4402 0	39-21
50GA 4406 0	39-2
50GA 4407 0	39-10
50GA 4410 0E	39-23
50GA 4508 0	41-9
50GA 4509 0	41-27
50GA 4521 0D	41-7
50GA 4522 1	41-4
50GA 4527 0	41-26
50GA 4528 0	41-21
50GA 4531 1	41-18
50GA 4532 0	41-17
50GA 4533 0	41-5
50GA 4535 1	41-6
50GA 4539 0	41-20
50GA 4553 0	41-8
50GA 4558 0	41-15
50GA 4559 0	41-16
50GA 4565 0	41-25
50GA 4569 1E	14-8
50GA 4570 0	47-14
50GA 4571 0	41-2
50GA 4572 0	47-15
50GA 4573 0	41-14
50GA 4574 0	41-13
50GA 4575 0	41-12
50GA 4573 0 50GA 4574 0	41-14 41-13

	5/1
Parts No.	Page No.
50GA 5001 0	44-4
50GA 5001 0	46-18
50GA 5003 0	47-11
50GA 5004 1F	48-3
50GA 5006 0	47-19
50GA 5007 0	47-13
50GA 5008 0	47-20
50GA 5009 0	48-12
50GA 5010 0	47-7
50GA 5011 0	47-10
50GA 5012 0	43-2
50GA 5014 0	48-13
50GA 5015 0	48-14
50GA 5016 0	43-6
50GA 5017 0	43-20
50GA 5019 0	2-11
50GA 5020 0	3-6
50GA 5021 0	3-8
50GA 5022 0	2-9
50GA 5023 0	3-5
50GA 5024 0	3-7
50GA 5027 0	48-5
50GA 5028 0	48-1
50GA 5031 0	43-1
50GA 5033 0	43-17
50GA 5035 0	44-7
50GA 5039 0	3-1
50GA 5040 0	47-18
50GA 5041 0	46-22
50GA 5043 0	47-21
50GA 5045 0	48-2
50GA 5047 0E	47-2
50GA 5048 0	47-9
50GA 5049 0	47-6
50GA 5051 0	47-4
50GA 5053 0	47-1
50GA 5055 0	44-16
50GA 5056 0E	47-5
50GA 5057 0	44-15
50GA 5058 00	43-16

Parts No.	Page No.
50GA 5061 00	43-12
50GA 5062 00	48-9
50GA 5303 0	49-4
50GA 5304 0	49-13
50GA 5307 0	49-14
50GA 5308 0	49-11
50GA 5330 0D	51-5
50GA 5336 0	50-18
50GA 5343 0	54-6
50GA 5347 0	54-13
50GA 5351 0	54-3
50GA 5359 0	49-12
50GA 5360 0	49-10
50GA 5365 1E	50-19
50GA 5366 0	3-12
50GA 5378 0	50-15
50GA 5389 0	49-15
50GA 5390 0	49-9
50GA 5404 0	51-13
50GA 5405 0	50-14
50GA 5406 0	49-7
50GA 5417 0	51-9
50GA 5429 0	51-8
50GA 5442 0	50-11
50GA 5450 0	50-5
50GA 5451 0	50-8
50GA 5452 0	50-2
50GA 5453 0	50-4
50GA 5454 0	49-3
50GA 5460 0	54-4
50GA 5461 1	52-34
50GA 5462 0	52-35
50GA 5463 0	52-36
50GA 5464 0E	50-9
50GA 5465 0	4-9
50GA 5466 0	4-8
50GA 5467 0	4-7
50GA 5468 0	4-10
50GA 5469 0	51-23
50GA 5470 0	51-22

Parts No.	Page No.				
50GA 5471 0	54-19				
50GA 5472 1	54-17				
50GA 5473 1E	51-19				
50GA 5474 0	50-12				
50GA 5481 0	52-37				
50GA 5482 0	52-21				
50GA 5483 0D	51-17				
50GA 5484 0	51-15				
50GA 5485 0	51-14				
50GA 5486 0E	53-15				
50GA 5487 0	52-31				
50GA 5488 0	54-20				
50GA 5492 0	52-32				
50GA 5493 1E	51-18				
50GA 5494 0	50-7				
50GA 5495 0	53-10				
50GA 6111 0	9-3				
50GA 6112 0	9-14				
50GA 6120 0	10-24				
50GA 6122 0	10-16				
50GA 6182 0	5-9				
50GA 6211 0	9-15				
50GA 6212 0	9-20				
50GA 6214 0	9-10				
50GA 6251 0E	9-11				
50GA 6252 0	9-2				
50GA 6258 0	9-21				
50GA 6259 0	9-19				
50GA 6271 01	55-15				
50GA 7227 00	53-13				
50GA 7296 00	51-16				
50GA 7334 0	58-1				
50GA 7337 1	57-11				
50GA 7338 1	57-4				
50GA 7339 0	57-19				
50GA 7341 0	56-3				
50GA 7342 0	56-19				
50GA 7343 0	56-10				
50GA 7344 0	57-8				
50GA 7346 0E	57-16				

Parts No.	Page No.
50GA 7347 0	56-4
50GA 7348 1	56-5
50GA 7349 1	56-6
50GA 7350 0	56-13
50GA 7351 0	56-14
50GA 7355 0	57-17
50GA 7359 0	56-11
50GA 7376 1	56-7
50GA 7377 0	58-4
50GA 7379 0E	57-18
50GA 7380 0	56-15
50GA 7391 0	57-10
50GA 8002 0	9-17
50GA 8051 0	4-6
50GA 8052 0	57-13
50GA 8202 0	33-19
50GA 8202 0	38-22
50GA 8203 0	46-9
50GA 8401 0	56-2
50GA 8451 0	56-1
50GA 8601 00	40-2
50GA 9001 0	60-1
50GA 9002 0	66-1
50GA 9003 0	63-1
50GA 9004 0	61-1
50GA 9005 1	61-2
50GA 9006 0	65-1
50GA 9008 0	65-2
50GA 9009 0	65-3
50GA 9011 0E	61-3
50GA 9012 0	61-4
50GA 9013 0	61-5
50GA 9014 0	61-6
50GA 9016 0	61-7
50GA 9017 1	66-2
50GA 9019 0	61-8
50GA 9020 0	65-5
50GA 9024 0	61-9
50GA 9026 0	62-1
50GA 9027 0	62-2

Parts No.	Page No.
50GA 9029 0	65-4
50GA 9030 0	64-7
50GA 9031 0	62-3
50GA 9032 0E	62-4
50GA 9033 0	64-1
50GA 9034 0	64-2
50GA 9035 0	64-3
50GA 9037 0	62-5
50GA 9038 0	62-6
50GA 9039 0	62-7
50GA 9042 0	62-8
50GA 9050 0	63-2
50GA 9746 0	48-7
50GA 9746 0	52-28
50GA 9747 0E	52-29
50GA 9748 0E	52-27
50GA 9749 0E	38-16
50GA 9795 1E	17-1
50GA M32A 00	49-2
50GA M33A 00	49-1
50GE -530 0	51-1
50GE 3315 2F	28-4
50GE 5303 0	49-4
50GE 8302 1	49-2
50GE 8303 1	49-1
50GF -530 0	51-1
50GF 3315 2F	28-4
50GF 8302 1	49-2
50GF 8303 1	49-1
50GF 8451 1	56-1
56AA 1783 0	22-4
56AA 8551 1	9-7
56AA 8553 1	8-3
56QA 7507 0	10-25
56UA 9792 0	8-15
56UA 9792 0	24-32
56UA 9792 0	41-24
57AA 8203 0	38-19
5850 9705 0	58-3
65AA 1130 0	56-8

	6/1
Parts No.	Page No.
6852 8604 0	57-6
9313 1100 33	39-9
9313 1100 33	47-12
9314 1200 91	39-11
9321 2200 32	39-15
9322 1500 12	16-24
9322 1500 12	33-30
9326 1910 31	37-15
9332 5710 11	2-23
9334 2610 12	8-17
9335 1300 61	9-8
9335 1300 61	29-3
9335 1300 61	46-4
9335 1300 61	53-6
9373 2200 11	8-21
9381 4101 11	57-5
9381 4101 31	57-5
9381 4300 41	57-5
9384 1600 11	70-5
9384 1600 11	71-7
9J06 M103 00	55-8
9J06 M200 00	36-21
9J06 M201 00	36-10
A00J 1682 02	5-2
A00J 1685 02	5-3
A00J 1689 02	5-1
A00J 1691 00	5-5
A00J 1699 01	71-6
A00J 1919 00	7-10
A00J 6234 00	42-17
A00J 9437 00	71-15
A00J 9455 00	71-13
A00J H00E 00	5-4
A02E 1683 00	7-22
A02E 1694 00	7-18
A02E 1911 00	7-7
A02E 1912 00	7-16
A02E 1913 02	7-5
A02E 1914 02	7-11
A02E 1915 02	7-12

Parts No.	Page No.				
A02E 1916 01	7-4				
A02E 1917 01	7-15				
A02E 1917 01 A02E 1918 00	7-17				
A02E 1921 01	7-20				
A02E 1922 01	7-25				
A02E 1923 01	7-24				
A02E 1924 00	7-19				
A02E 1925 00	7-23				
A02E 1926 01	7-21				
A02E 1927 01	7-9				
A02E 1928 01	7-1				
A02E 1930 00	7-3				
A02E 1931 01	7-8				
A02E 1932 01	7-14				
A02E 1933 00	7-13				
A02E 1934 00	7-2				
A02E 2639 00	2-7				
A02E 9412 00	42-43				
A02E 9481 00	7-27				
A02E 9482 00	7-27				
A02E 9483 00	7-27				
A02E 9486 00	7-29				
A02E 9487 00	7-29				
A02E 9490 00	7-28				
A02E 9491 00	7-28				
A02E 9494 00	7-30				
A0R5 1012 01	2-20				
A0R5 1016 00	2-3				
A0R5 1017 00	2-6				
A0R5 1029 00	71-2				
A0R5 1032 00	2-8				
A0R5 1033 00	2-5				
A0R5 1126 00	1-7				
A0R5 1137 00	2-18				
A0R5 1354 00	58-18				
A0R5 1356 00	58-7				
A0R5 1357 00	58-16				
A0R5 1361 00	58-13				
A0R5 1362 00	58-14				
A0R5 1363 00	6-9				
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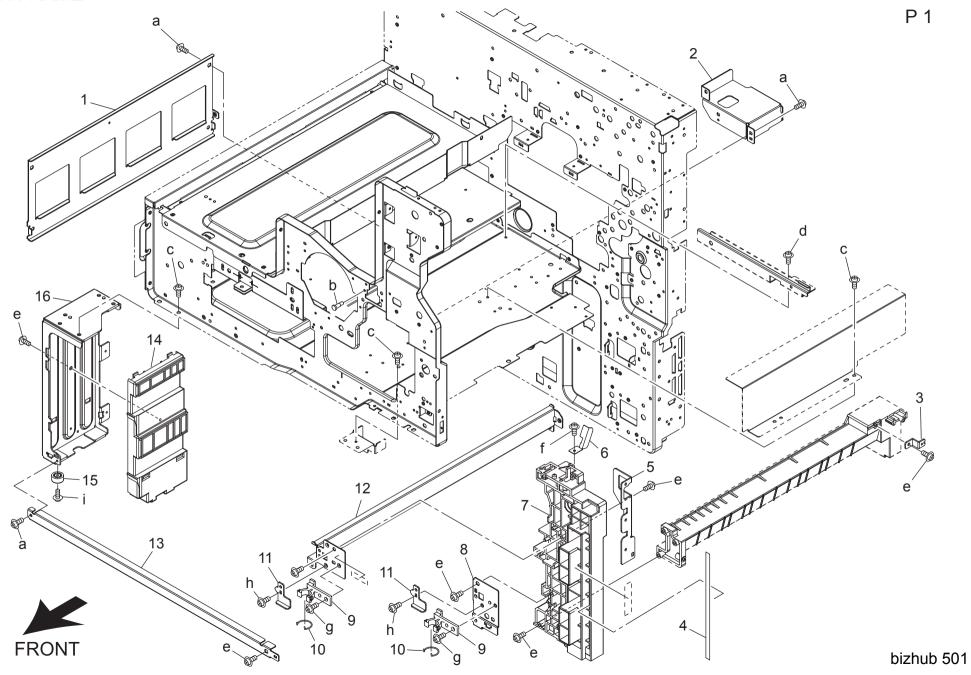
Parts No.	Page No.				
A0R5 1364 00	6-8				
A0R5 1374 00	58-9				
A0R5 1388 00	8-19				
A0R5 1389 01	8-18				
A0R5 1601 00	6-15				
A0R5 1603 00	6-10				
A0R5 1604 00	5-6				
A0R5 1605 00	6-4				
A0R5 1607 00	6-6				
A0R5 1608 00	6-23				
A0R5 1621 00	5-14				
A0R5 1623 00	5-8				
A0R5 1624 00	5-7				
A0R5 1625 00	5-13				
A0R5 1634 00	6-26				
A0R5 1641 00	42-44				
A0R5 1651 00	42-45				
A0R5 1674 00	6-3				
A0R5 1675 01	6-1				
A0R5 1676 00	6-17				
A0R5 1677 00	71-3				
A0R5 1678 01	6-2				
A0R5 1679 00	6-16				
A0R5 1680 00	71-4				
A0R5 1681 01	5-18				
A0R5 1682 01	5-17				
A0R5 1707 01	5-16				
A0R5 1708 01	6-7				
A0R5 1711 00	6-18				
A0R5 1712 00	71-5				
A0R5 1713 00	5-15				
A0R5 1714 00	6-13				
A0R5 1715 00	6-11				
A0R5 1716 00	6-14				
A0R5 1719 00	6-24				
A0R5 1761 01	6-12				
A0R5 1762 00	6-5				
A0R5 2650 00	8-16				
A0R5 2651 00	7-6				
A0R5 2653 00	8-7				

Parts No.	Page No.				
A0R5 2654 00	8-6				
A0R5 2657 00	8-8				
A0R5 5611 00	34-1				
A0R5 5630 00	34-28				
A0R5 6008 00	37-25				
A0R5 6009 00	35-1				
A0R5 6010 00	37-2				
A0R5 6011 00	37-4				
A0R5 6023 00	37-22				
A0R5 6025 00	35-7				
A0R5 6026 00	37-16				
A0R5 6042 00	35-21				
A0R5 6059 00	37-23				
A0R5 6066 00	37-6				
A0R5 6108 01	37-29				
A0R5 6221 00	42-40				
A0R5 6299 00	42-42				
A0R5 8102 00	47-8				
A0R5 8105 00	48-11				
A0R5 8129 00	44-2				
A0R5 8130 00	44-10				
A0R5 8136 00	45-1				
A0R5 8137 00	43-8				
A0R5 8138 00	46-21				
A0R5 8206 00	46-1				
A0R5 8221 00	48-10				
A0R5 8251 00	44-8				
A0R5 8703 00	39-20				
A0R5 8704 00	39-1				
A0R5 8705 00	39-3				
A0R5 8711 00	39-8				
A0R5 8820 00	39-7				
A0R5 9421 01	35-22				
A0R5 9421 01	44-11				
A0R5 9422 00	6-21				
A0R5 9426 00	5-12				
A0R5 9428 00	45-2				
A0R5 9430 00	37-24				
A0R5 9434 01	42-47				
A0R5 9435 01	42-46				

Parts No.	Page No.
A0R5 9451 01	6-25
A0R5 A162 00	6-19
A0R5 A620 02	42-18
A0R5 H010 06	58-6
A0R5 H030 00	8-20
A0R5 M103 00	12-2
A0R5 M103 00	13-1
A0R5 M103 00	15-1
A0R5 M710 00	7-26
A0R5 N100 00	59-5
A0R5 N101 00	59-6
A0R5 N105 00	59-3
A0R5 R700 00	11-1
A0R5 R701 00	30-1
A0R5 R703 00	35-27
A0R5 R704 00	35-27
A0R5 R705 00	35-27
A0R5 R707 00	9-1
A0RA 1701 01	71-14
SP00 -011 2	50-10
V116 0306 03	71-12
V121 0306 03	71-10
V121 0308 04	71-11
V123 0450 03	71-9
V137 0308 04	71-8
V500 0100 03	69-3
V500 0100 04	69-5
V500 0100 05	69-26
V500 0100 07	69-25
V500 0100 08	69-2
V500 0100 20	69-12
V500 0100 22	69-1
V500 0100 26	69-17
V500 0100 28	69-18
V500 0100 29	69-19
V500 0100 35	69-38
V500 0100 46	69-10
V500 0100 47	69-33
V500 0100 61	69-11
V500 0200 05	69-14

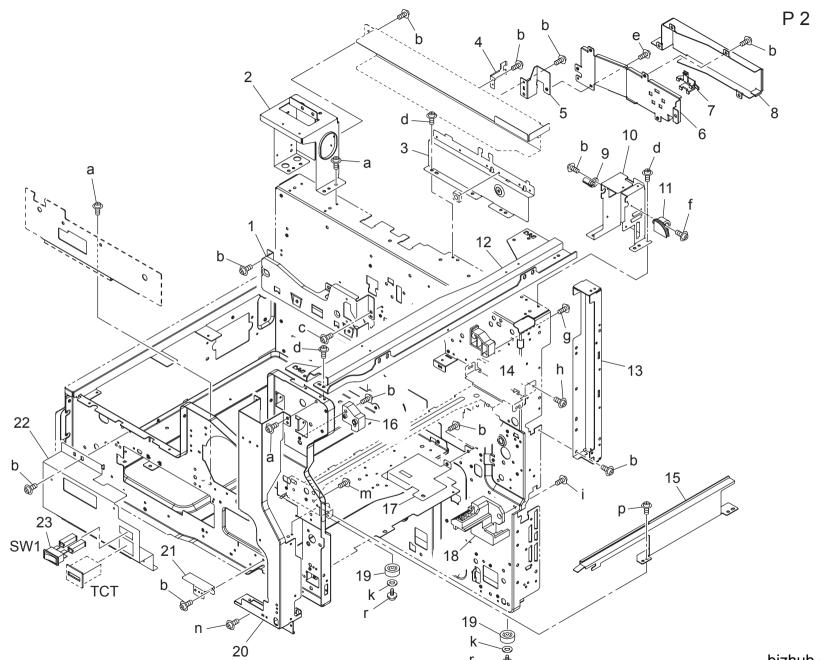
Parts No.	Page No.
V500 0200 10	69-28
V500 0200 27	69-40
V500 0200 29	69-37
V500 0200 55	69-39
V501 0100 01	69-29
V501 0100 06	69-27
V501 0100 09	70-4
V501 0100 12	69-32
V502 0100 17	70-1
V502 0100 44	69-34
V502 0100 45	69-35
V502 0100 46	69-36
V502 0100 54	58-10
V570 0100 07	69-15
V570 0100 08	69-16
V570 0100 12	69-23
V570 0100 21	69-30
V570 0100 23	69-6
V570 0100 26	69-7
V570 0100 27	69-8
V570 0100 28	69-9
V570 0100 31	69-31
V570 0100 39	69-4
V570 0100 50	69-13
V590 0400 02	57-20
V651 0100 01	69-24
V651 0100 05	70-2
V651 0200 01	70-3

MAIN FRAME



У	Part No.		Description	Destinations	Class	QTY	Standard part
	4030 2006 01	REINFORCE PLATE	補強板		D	1	a-V137 0306 03
	4030 2042 02	BRACKET	取付板		D	1	b-1079 2219 01
	4030 2011 01	BRACKET	取付板		D	1	c-V144 0306 03
	4030 7315 01	LABEL	ラベル		D	1	d-V121 0306 03 e-V153 0410 03
	4030 2010 01	BRACKET	取付板		D	1	f-V153 0308 03
	1164 2155 01	CONTACT	接点		С	1	g-V137 0408 03
	A0R5 1126 00	Support Part	支持部材		D	1	g-V137 0408 03 h-V116 0308 03
	4030 2041 02	BRACKET	取付板		D	1	i-V135 0310 03
	4040 6205 00	Holder	ホルダ		D	2	
	4348 6206 00	Stop ring	止め輪		D	2	
		Stop ling					_
	4030 2038 02	STOPPER	ストッパ		D	2	
	4030 2029 02	RAIL	レール		D	1	
	4030 2007 01	REINFORCE PLATE	補強板		D	1	
	4030 2008 02	RAIL	レール		D	1	
;	4030 2081 01	SPACER	スペーサ		D	1	
	4030 2005 02	REINFORCE PLATE	補強板		D	1	
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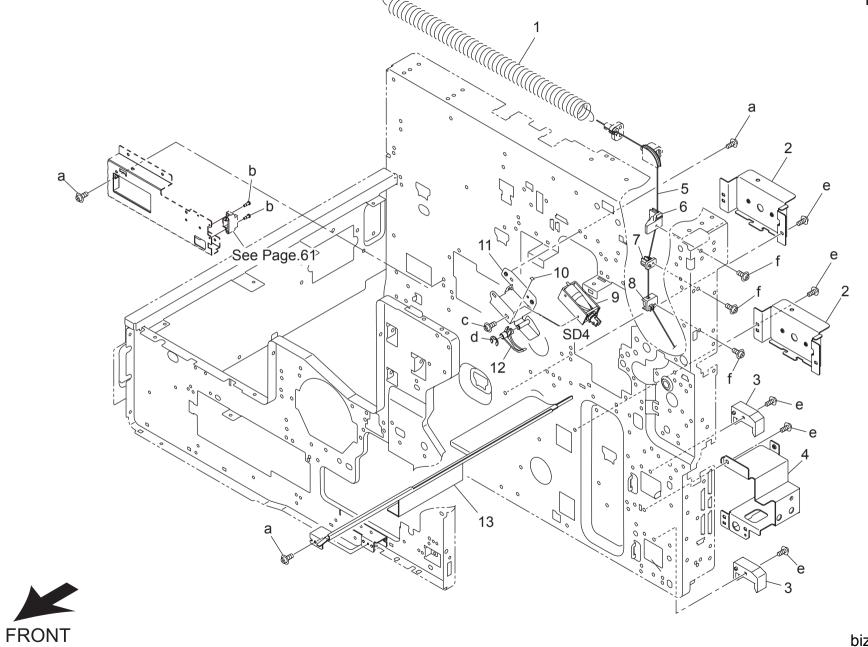
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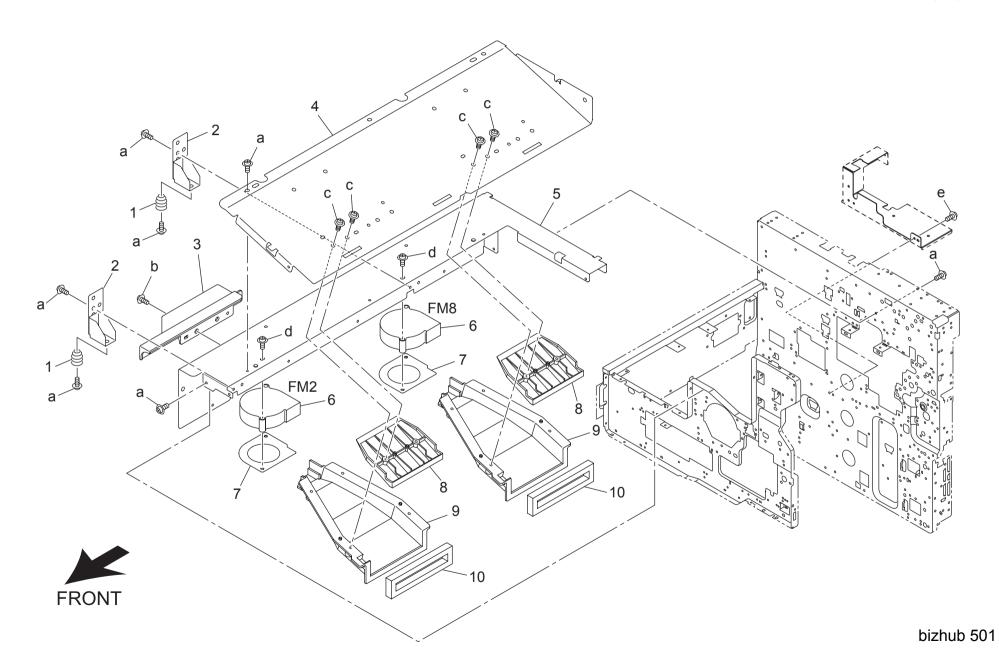


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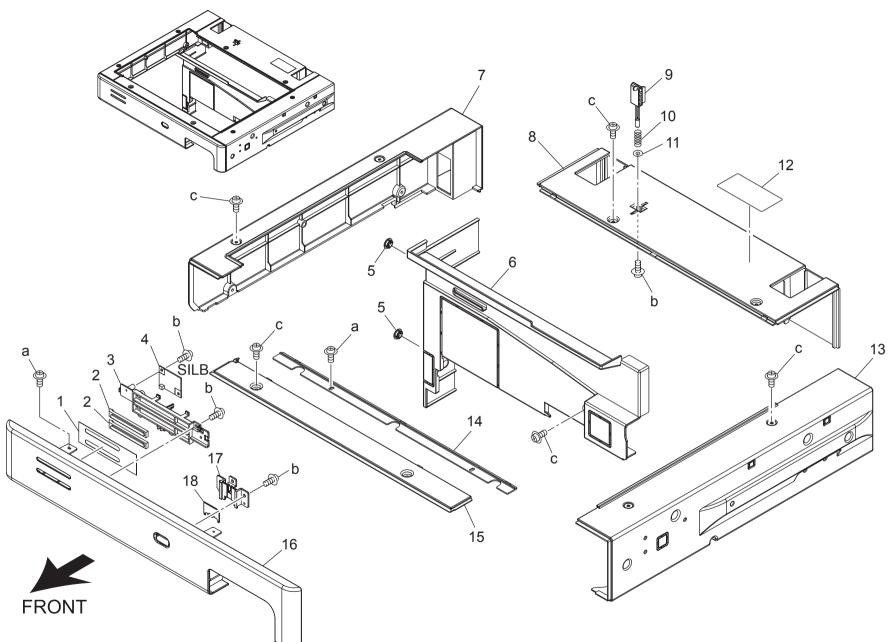
y	Part No.	Description		Destinations	Class	QTY	Standard parts	
	4030 2018 01	BRACKET	取付板		D	1	a-V144 0306 03 b-V121 0306 03	
:	50GA 1013 0	READ MOUNTING PEDESTAL /LEFT	読取取り付け台/左		D	1	b-V121 0306 03	
	A0R5 1016 00	Board Mounting Stay /Rear	基板取り付けステー/奥		D	1	c-V137 0308 03	
	50GA 1030 0	EXTERNAL SUPPORT PLATE /1	外装支持板/1		D	1	d-V137 0306 03	
	A0R5 1033 00				D		e-V121 0306 04	
		Holding Plate /C					f-V121 0314 03	
	A0R5 1017 00	Holding Plate /A	押さえ板/ A		D	1	g-V151 0408 03	
	A02E 2639 00	Cord clamp	コード押え(パネルハーネス)		D	1	ň-V121 0304 03 i-V153 0410 03	
	A0R5 1032 00	Holding Plate /B	│押さえ板/ B		D	1	k-V207 0300 01	
	50GA 5022 0	WIRE SUPPORT PART 4	ワイヤー支持部材 4		С	1	m-V123 0306 0	
	50GA 1014 0	READ MOUNTING PEDESTAL /RIGHT	読取取り付け台/右		D	1	n-V153 0408 03	
_	50GA 5019 0	WIRE SUPPORT PART 1	ワイヤー支持部材 1		C	1	p-V144 0306 03	
							r-V137 0310 03	
	50GA 1021 0	READ MOUNTING STAY	読取取り付けステー		D	1	1 107 0010 00	
	50GA 1015 0	BOARD MOUNTING STAY /RIGHT	基板取り付けステー/右		D	1		
	50GA 1019 0	ADU LOCK PART/REAR	ADU ロック部材/奥		С	1		
	50GA 3074 0	DEVELOPING RAIL /LEFT	現像 レール/左		D	1		
	50GA 1018 0	ADU LOCK PART/ FRONT	ADU ロック部材/前		C	1		
	50GA 1010 0	REINFORCE STAY /2	補強ステー/2		D	1	1	
						1	1	
	A0R5 1137 00	Holder	ホルダ		D	1		
	4030 2080 01	RUBBER FOOT	ゴム足		D	2	ĺ	
	A0R5 1012 01	Reinforce Stay /4	補強ステー/4		D	1		
	50GA 1024 0	MOUNTING PLATE /1	取り付け板/1		D	1		
	50GA 1011 0	REINFORCE STAY /3	補強ステー/3		D	1		
	9332 5710 11	SWITCH	スイッチ		C	1		
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Key	Part No.		Description	Destinations	Class	QTY	Standard part
			•	Destinations		·	
1	50GA 5039 0	ADU HOLDING SPRING	ADU 押えバネ		С	1	a-V121 0306 03
2	4030 2062 01	BRACKET	取付板		D	2	b-1079 2219 01
3	4030 2009 01	GUIDE	ガイド		D	2	c-V121 0304 03
4	4030 2039 02	BRACKET	取付板		D	1	d-V217 0400 50
5	50GA 5023 0	ADU STOPPER WIRE	ADU 突き当てワイヤー		C	1 1	e-V137 0306 03
							f-V151 0308 03
6	50GA 5020 0	WIRE SUPPORT PART 2	ワイヤー支持部材 2		С	1	
7	50GA 5024 0	WIRE SUPPORT PART 5	ワイヤー支持部材 5		С	1	
8	50GA 5021 0	WIRE SUPPORT PART 3	ワイヤー支持部材 3		С	1	
9	26NA R709 00	ADU SOLENOID SHAFT ASSY	ADU ソレノイド軸部組		D	1	
10	27LA 5446 0	SOLENOID STOPPER	ソレノイドストッパ		D	1	
		SOLENOID STOFFER					4
11	50GA -550 0	SOLENOID MOUNTING PLATE CAULKI	ソレノイド取り付け板カシメ		D	1	
12	50GA 5366 0	SOLENOID ACTUATOR	ソレノイドアクチェタ		С	1	
13	50GA 3071 0	DEVELOPING RAIL /RIGHT	現像 レール/右		D	1	
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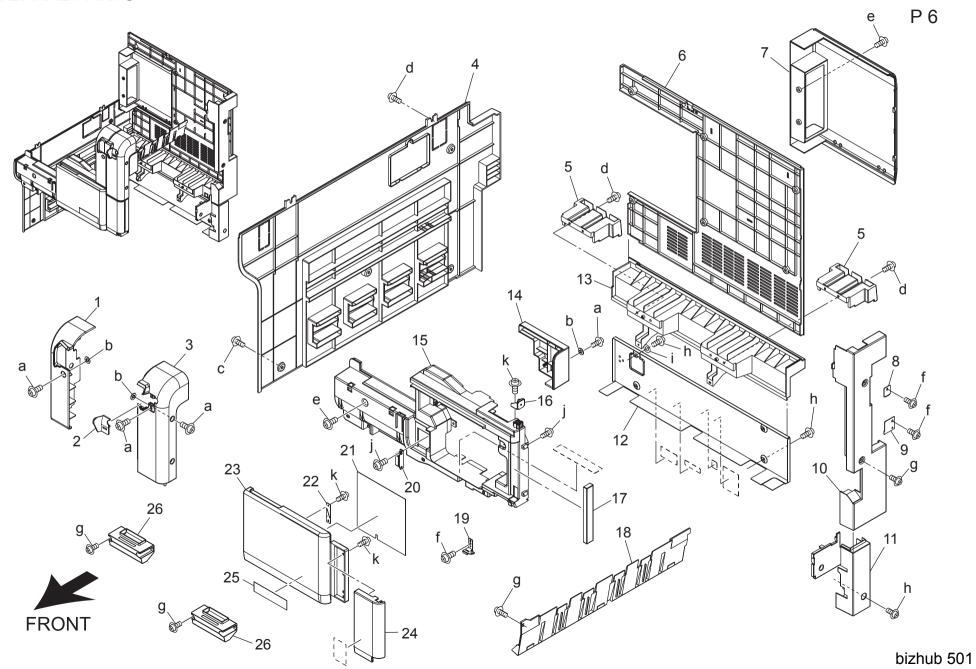


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Key	Part No.	Des	cription	Destinations	Class	QTY	Standard parts
1 2 3 4 5 6 7 8 9	26NA 6529 0 26NA 6528 0 50GA 1023 0D 50GA 1007 0E 50GA 1006 0 50GA 8051 0 50GA 5467 0 50GA 5466 0 50GA 5466 0 50GA 5468 0	WRITING MOUNT SPRING WRITING MOUNT PART Guide Part /F Reinforce Stay /B SUPPLY STAY /A COOLING FAN MOTOR FAN MOUNTING PLATE ROLLER COOLING DUCT 4 ROLLER COOLING DUCT 3 SEALING PART	書込み取り付けバネ書込み取り付け部材 ガイド部材/ F 補強ステー/ B 補給ステー/ A 冷却ファンモータ ファン取り付け板 ローラ冷却ダクト 4 ローラ冷却ダクト 3 シール部材		D D D D D D D D D D D D D D D D D D D	2 2 1 1 1 2 2 2 2 2 2	a-V121 0306 03 b-V121 0306 04 c-V151 0308 03 d-V121 0320 03 e-V137 0306 03



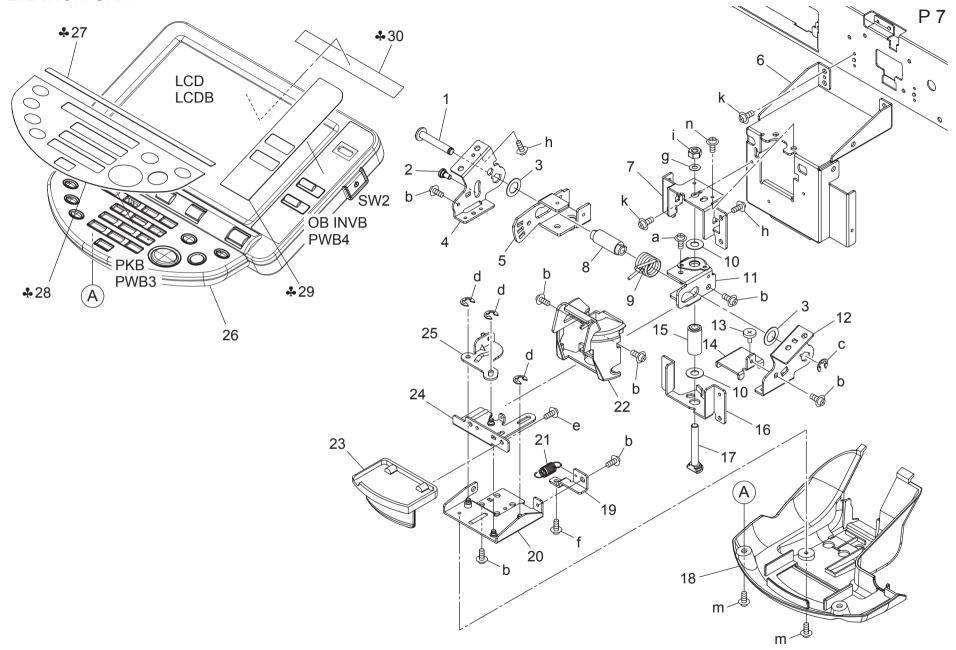
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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	A00J 1689 02	Light blocking Plate	遮光板		С	1	a-V121 0306 03 b-V151 0308 03 c-V121 0306 04
2	A00J 1682 02	Lens /B	レンズ/ B		С	2	b-V151 0308 03
3	A00J 1685 02	Light blocking Cover /C	遮光カバー/ C		D	1	C-V121 0306 04
4	A00J H00E 00	PWB Assembly LED2	基板 ASSY LED 2		I	1	
5	A00J 1691 00	Cover	蓋		С	2	
6	A0R5 1604 00	Cover /Rear	カバー/奥		С	1	
7	A0R5 1624 00	Read Cover /Left	読取カバー/左		С	1	
8	A0R5 1623 00	Read Cover /Rear	読取カバー/奥		С	1	
9	50GA 6182 0	ADF DETECTION ACTUATOR	ADF 検知アクチェタ		C	1	
10	26NA 6213 0	DETECTING SPRING	検知バネ		C	1	
11	26NA 1255 0	SPRING REGULATING SHEET	バネ規制シート		C	1	
	A0R5 9426 00	Label	ラベル		Č	l i	
13	A0R5 1625 00	Read Cover /Right	読取カバー/右		Č	1 1	
14	A0R5 1621 00	Part /Front	部材/前		D	1	
15	A0R5 1713 00	Mounting Plate /2	取付板/2		D		
16	A0R5 1713 00 A0R5 1707 01	Read Cover /Front	取り板/ 2 読取カバー/前		C	1	
			読収ガバー/ 削 ガイド				
17	A0R5 1682 01	Guide			C	1	
18	A0R5 1681 01	Cover	カバー		С	1	
							-

EXTERNAL PARTS

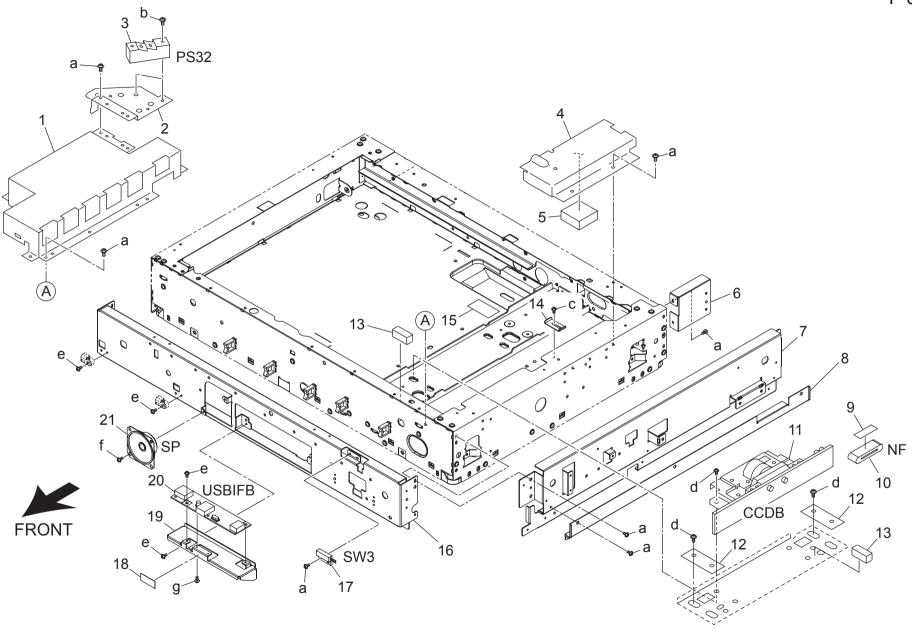


Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	A0R5 1675 01	Operation Cover /Left	操作カバー/左		С	1	a-V121 0310 03 b-V211 0300 80 c-V137 0306 04 d-V137 0310 04
2	A0R5 1678 01	Operation Cover /3	操作カバー/3		С	1	b-V211 0300 80
3	A0R5 1674 00	Operation Cover /Right	操作カバー/右		С	1	C-V137 0306 04
4	A0R5 1605 00	Cover /Left	カバー/左		С	1	e-V121 0308 04
5	A0R5 1762 00	Handle	取手		D	2	f-V121 0306 04
6	A0R5 1607 00	Cover /1	カバー/1		C	1	f-V121 0306 03 g-V121 0306 04 h-V137 0308 04
7	A0R5 1708 01	Cover	カバー		Č	1 1	h-V137 0308 04
8	A0R5 1364 00	Cover	カバー		D		i-V209 0300 03 j-V145 0308 03 k-V151 0308 03
		Cover	カバー		D	· ·	j-V145 0308 03
9	A0R5 1363 00					1	k-V151 0308 03
10	A0R5 1603 00	Rear Cover /Right	背面		С	1	
11	A0R5 1715 00	Cover	カバー		С	1	
12	A0R5 1761 01	Cover	カバー (背面下)		С	1	
13	A0R5 1714 00	Cover /2	カバー/2		С	1	
14	A0R5 1716 00	Auxiliary Cover /1	補助カバー/ 1		С	1	
15	A0R5 1601 00	Main body Cover /Front	本体		С	1	
16	A0R5 1679 00	Plate	板		D	1	
17	A0R5 1676 00	Cover	カバー		Č	l i	
18	A0R5 1070 00 A0R5 1711 00	Paper exit Cover /A	ガバー 排紙カバー/ A		C		
						1	
19	A0R5 A162 00	FULCRUM PLATE ASSY	支点板 ASSY		D	1	
20	0830 2014 0	STOPPER MATERIAL	ストッパー部材		С	1	
21	A0R5 9422 00	Label	ラベル		С	1	
22	26NA 1240 1	MAGNET PRESSURE PLATE	マグネット突き当て板		D	1	
23	A0R5 1608 00	Cover	カバー		С	1	
24	A0R5 1719 00	Cover	カバー		С	1	
25	A0R5 9451 01	Label	ラベル		С	1	
26	A0R5 1634 00	Front Lifting Handle	前面持ち上げ把手		C	2	
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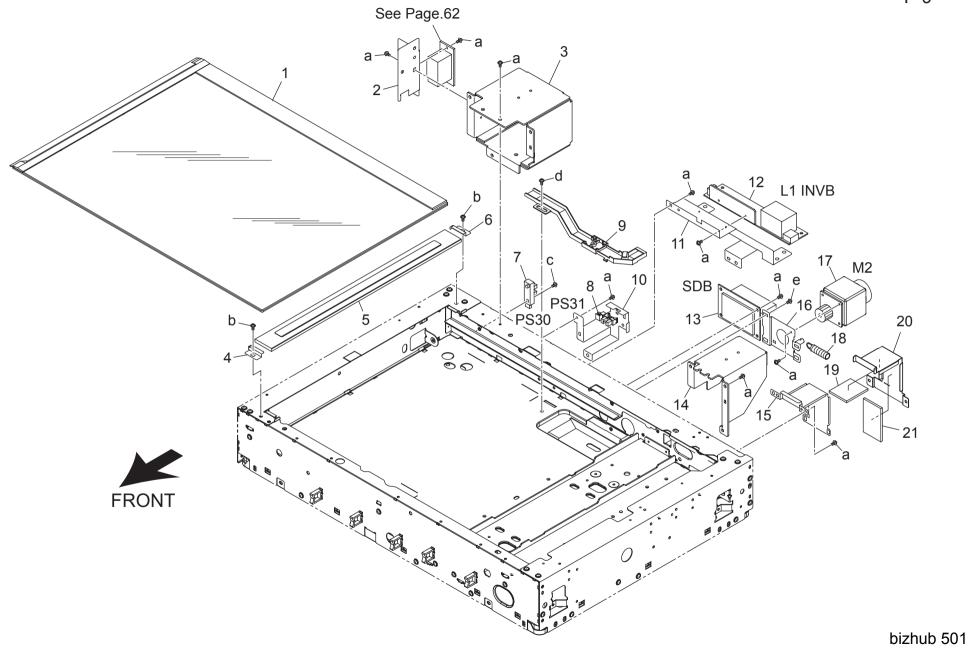
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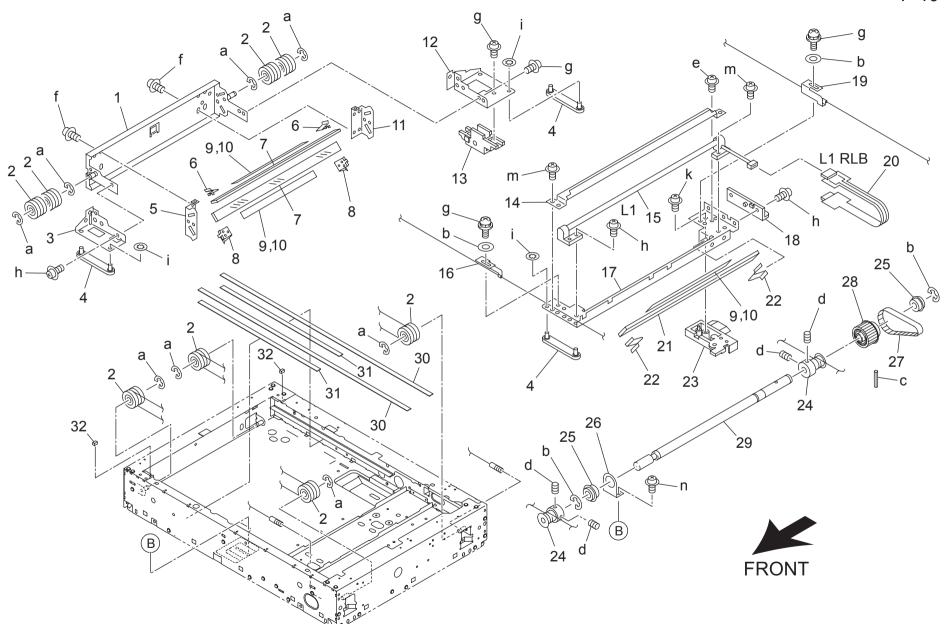
Key	Part No.	D	escription	Destinations	Class	QTY	Standard parts
1	A02E 1928 01	Stay	支柱(パネル・可動)		D	1	a-V116 0306 03
2	A02E 1934 00	Shoulder screw	段ねじ(パネルロック)		С	1	b-V137 0306 03
3	A02E 1930 00	Washer	ワッシャ(パネル・右)		С	2	c-V217 0500 01
4	A02E 1916 01	Bracket	取付板(パネル・左)		D	1	d-V217 0300 01 e-V153 0308 03
5	A02E 1913 02	Arm	アーム (パネル・左)		D	1	I f-V137 0308 03
6	A0R5 2651 00	Auxiliary Plate /A	補助板/ A		D	1	g-V205 0600 03 h-V136 0308 03
7	A02E 1911 00	Bracket	取付板(パネル・上)		D	1	ň-V136 0308 03
8	A02E 1931 01	Collar	カラー (パネル・2)		D	1	i-V195 0600 03
9	A02E 1927 01	Torsion Spring	ねじりばね		C	1	k-V121 0306 03 m-9646 0308 14
10	A00J 1919 00	Washer	ワッシャ		Ċ	2	n-9735 0306 14
11	A02E 1914 02	Arm	アーム (パネル・右)		D	1	11 37 03 0000 14
12	A02E 1915 02	Bracket	取付板(パネル・右)		D	1 1	
	A02E 1913 02 A02E 1933 00	Shoulder screw	段ねじ		C		
-							
	A02E 1932 01	Reinforce Plate	補強板		D	1	
	A02E 1917 01	Collar	カラー (パネル)		D	1	4
16	A02E 1912 00	Bracket	取付板(パネル・下)		D	1	
17	A02E 1918 00	Stay	支柱(パネル)		D	1	
	A02E 1694 00	Cover	カバー (パネル・下)		С	1	
19	A02E 1924 00	Bracket	取付板(パネル・L)		D	1	1
20	A02E 1921 01	Bracket	取付板(パネル・前)		D	1	1
	A02E 1926 01	Pulling Spring	引張りばね		C	1	1
22	A02E 1683 00	Cover	カバー(パネルヒンジ・中)		Č	1	
	A02E 1925 00	Handle	取手		Č	1	1
	A02E 1923 01	Lever	レバー		C		
	A02E 1923 01 A02E 1922 01		レバー		C		
25		Lever			·		
26	A0R5 M710 00	Panel assembly	操作パネルASSY			1	
27	A02E 9481 00	Panel sheet	パネルシート(モード・国内)	Α	С	1	
	A02E 9482 00	Panel sheet	パネルシート(モード・北米)	B,D1,D3,E,F2,G1,G2,I,K	С	1	
27	A02E 9483 00	Panel sheet	パネルシート(モード・欧州)	C	С	1	
28	A02E 9490 00	Panel sheet	パネルシート(キー・国内)	A	С	1	
28	A02E 9491 00	Panel sheet	パネルシート(キー・北米)	B,D1,D3,E,F2,G1,G2,I,K	С	1	
29	A02E 9486 00	Panel sheet	パネルシート(MMUC・国内)	A	С	1	
29	A02E 9487 00	Panel sheet	パネルシート(MMUC・北米)	B,D1,D3,E,F2,G1,G2,I,K	С	1	
30	A02E 9494 00	Panel sheet	パネルシート(米国水銀法)	B,G2	С	1	



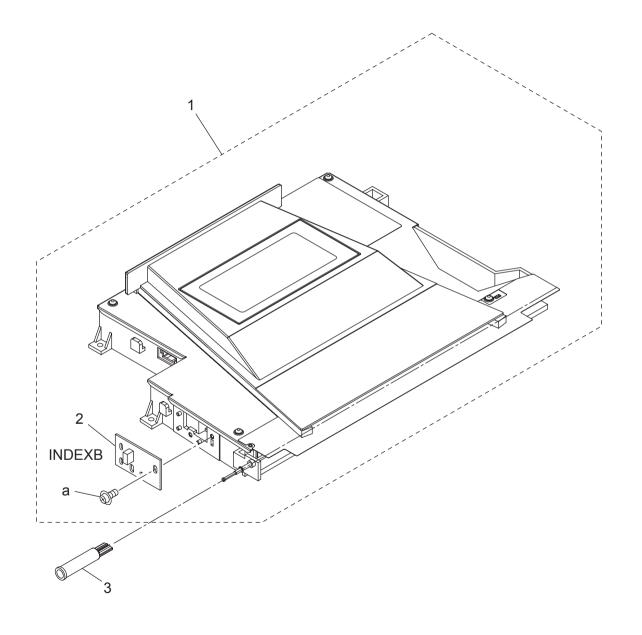
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Key	Part No.	Des	cription	Destinations	Class	QTY	Standard parts
1	26NA 6173 2	LENS COVER	レンズカバー		С	1	a-V121 0306 03
2	40LA 6114 0	MOUNTING PLATE	センサー取り付け板		D	1	b-V118 0320 03
3	56AA 8553 1	APS SENSOR 2	APSセンサ 2		В	1	c-V121 0304 04 d-V123 0306 03
4	26NA 6181 2	WIRING GUIDE PLATE 1	束線ガイド板 1		D	1	e-V123 0306 03 e-V118 0306 03
5	26NA 6228 0	WIRING HOLD PART 1	束線押さえ部材 1		D	1	f-V111 0206 03
6	A0R5 2654 00	Auxiliary Plate /C	補助板/C		D	1	f-V111 0206 03 g-V121 0308 03
7	A0R5 2653 00	Auxiliary Plate /B	補助板/ B		D	1	3
8	A0R5 2657 00	Auxiliary Plate /D	補助板/ D		D	1	
9	26TA 6251 0	FIXING SEAL	固定シール		C	1 1	
10	26TA 8452 1	NOISE FILTER /1	ノイズ フィルタ/1		Č	1	
11	50GA -626 1	CCD UNIT	CCD ユニット		Ī	1	
12	40LA 6174 1	SCREW FIXING PLATE	ネジ固定板		D	2	
13	26NA 6245 1	EARTH SPRING 3	アースバネ 3		D	2	
			ガラス押え板		С		
14	26NA 6216 0	GLASS HOLDING PLATE	カフス押え似		C	1	
15	56UA 9792 0	HIGE VOLTAGE CAUTION LABEL	高圧注意ラベル			1	
16	A0R5 2650 00	Mounting Plate /A	取付板/A		D	1	
17	9334 2610 12	REED SWITCH	リードスイッチ		С	1	
18	A0R5 1389 01	Label	ラベル		D	1]
19	A0R5 1388 00	Plate	板		D	1]
20	A0R5 H030 00	I/F BOARD/H ASSY	I / F 基板/ H ASSY		С	1	<u> </u>
21	9373 2200 11	LOUDSPEAKER	スピーカ		D	1	
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Key	Part No.	Desc	ription	Destinations	Class	QTY	Standard parts
1	A0R5 R707 00	ORIGINAL TABLE GLASS ASSY	原稿台ガラス ASSY		С	1	a-V121 0306 03
2	50GA 6252 0	ADF CONNECTOR /1	ADF コネクタ/1		D	1	b-V121 0304 04
3	50GA 6111 0	ADF MOUNTING PLATE /LEFT	ADF取り付け板/左		D	1	c-V118 0310 03
4	26NA 6130 0	GLASS HOLDER PLATE FRONT	ガラス押さえ板 前		C	1	d-V123 0306 03 e-V123 0308 03
5	50GA -628 0	ORIGINAL TABLE GLASS ASSY 2	原稿台ガラス部組/2		Č		e-V123 0308 03
6	26NA 6115 0	GLASS HOLDER PLATE REAR	ガラス押さえ板 奥		C	1	
7	56AA 8551 1	PHOTO SENSOR	フォトセンサ		В	1	
8	9335 1300 61	PHOTO INTERRUPTER	フォトインタラプタ		В		
9	40LA 6201 0	WIRING GUIDE PART 3	フォドインメリンメ 東線ガイド部材 3		D		
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10	50GA 6214 0	MOUNTING PLATE /2	センサ取り付け板/2			1	
11	50GA 6251 0E	Board Mounting Plate /No.1	基板取り付け板/1号		D	1	
12	40LA 8351 3	LAMP STARTER	ランプ点灯器		В	1	
13	50GA -905 0	SCANNER DRIVE BOAD ASSY	スキャナ駆動基板部組		I	1	
14	50GA 6112 0	ADF MOUNTING PLATE /RIGHT	ADF取り付け板/右		D	1	
15	50GA 6211 0	WIRING GUIDE PLATE 2	東線ガイド板 2		D	1	
16	40LA 6116 1E	Motor Mounting Plate	モータ取付板		D	1	
17	50GA 8002 0	SCANNER DRIVE MOTOR	スキャナー駆動モータ		С	1	
18	40LA 6246 0	MOTOR TENSION SPRING 1	モータテンションバネ 1		С	1]
19	50GA 6259 0	WIRING HOLDING PART /2	束線押さえ部材/2		D	1	
20	50GA 6212 0	WIRING GUIDE PLATE 3	束線ガイド板 3		D	1	
21	50GA 6258 0	WIRING HOLDING PART /1	束線押さえ部材/1		D	1	
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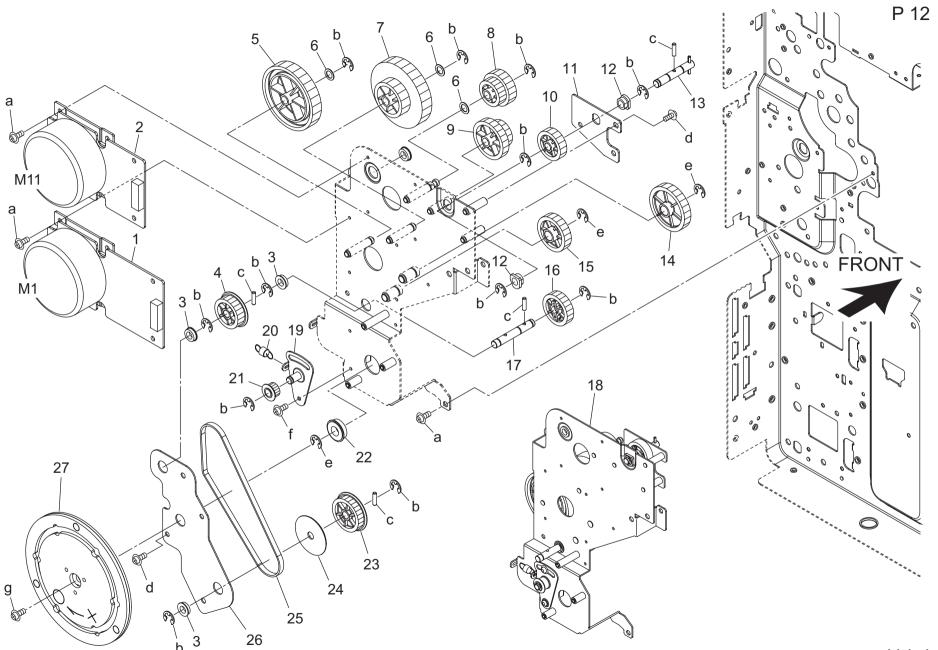
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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	26NA R711 00	MIRROR MOUNT PLATE 2 ASSY	ミラー取付板/2部組		D	1	a-V217 0400 50
2	26NA 6194 0	BEARING	ワイヤープーリ		С	8	b-V217 0600 50 c-V233 3018 50
3	26NA 6156 0	OPTICS SLIDE PLATE FRONT	光学スライド板 前		D	1	d-V193 0406 04
4	26NA 6138 0	SLIDE PART	スライド部材		D	3	e-V121 0304 03
5	26NA 6153 1	MIRROR SUPPORT PLATE FRONT	ミラー支持板 前		D	1	f-V118 0310 03
6	26NA 6161 0	MIRROR PRESSURE SPRING 4	ミラー押圧バネ 4		С	2	g-V123 0306 03 h-V123 0308 03
7	26NA 6154 0	OPTICS MIRROR 2	光学ミラー 2		С	2	h-V123 0308 03
8	26NA 6160 0	MIRROR PRESSURE SPRING 3	ミラー押圧バネ 3		С	2	i-V226 0300 50 k-V151 0306 03
9	26TA 6252 1	MIRROR REINFORCE PART 1	ミラー補強部材 1		D	3	m-V118 0303 03
10	26TA 6253 0	STICKING PART1	貼り部材 1		D	3	n-V121 0304 04
11	26NA 6239 1	MIRROR SUPPORT PLATE REAR	ミラー支持板 奥		D	1	
12	26NA 6155 1	OPTICS SLIDE PLATE REAR	光学スライド板 奥		D	1	
13	26NA 6159 0	WIRING GUIDE PART 2	束線ガイド部材 2		D	1	
14	26NA 6137 0	REFLECT MIRROR	反射鏡		C	1	
15	40LA 8301 1	EXPOSURE LAMP	露光ランプ		Ä	1	
16	50GA 6122 0	OPTICAL WIRE FRONT	光学ワイヤー 前		C	1	
17	26NA 6131 0	MIRROR MOUNT PLATE 1	ミラー取り付け板 1		Č		
18	26NA 6206 0	MIRROR ADJUSTING SCREW	ミラー調整ネジ		D		
19	40LA 6121 0	OPTICS WIRE REAR	光学ワイヤー 奥		C	1	
20	26NA -951 2E	POWERING BOARD ASSY			C		
21	26NA 6134 0	OPTICS MIRROR 1	福电基似印祖		C	1	
		MIRROR PRESSURE SPRING			В	2	
22	26NA 6141 0		ミラー押圧バネ				
23	26NA 6139 0	WIRING GUIDE PART 1	東線ガイド部材 1		D	1	
24	50GA 6120 0	WIRE DRIVE PULLEY	ワイヤー駆動プーリ		С	2	
25	56QA 7507 0	BEARING/8	駆動軸受 8		С	2	4
26	26NA 6175 1	PULLEY FIXED PLATE	フ゜ーリーコテイイタ (04/2)		D	1	
27	40LA 6193 0	MOTOR BELT 160L	モータベルト 160 L		С	1	
28	40LA 6192 0	DRIVING PULLEY 55T	駆動プーリ 55 T		С	1	
29	40LA 6119 0	DRIVE SHAFT	駆動軸		D	1	
30	40LA 6183 0	OPTICS SLIDE SHEET 1	光学スライドシート 1		D	2	_
31	26NA 6184 0	OPTICS SLIDE SHEET 2	光学スライドシート 2		С	2	
32	26NA 6232 0	READING SEAL/7	読取 シール/ 7		D	2	
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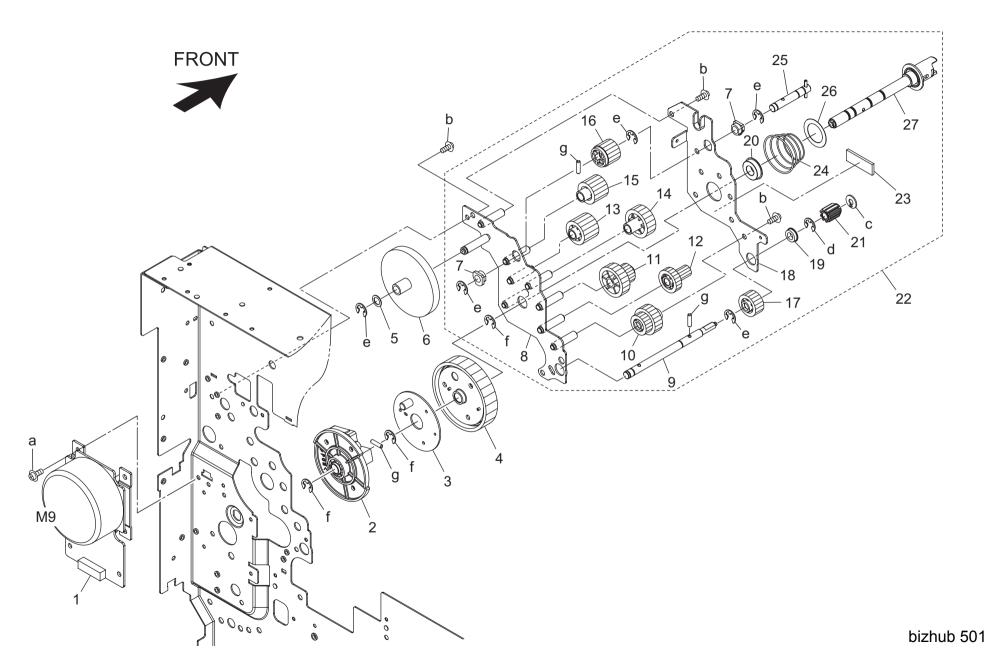
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Key	Part No.		ription	Destinations	Class	QTY	Standard parts
1 2 3	A0R5 R700 00 26NA -909 2E 40LA 6526 0	Write Unit INDEX ASSY WRITING CLEANER KNOB	書込みユニット INDEX 検知基板部組 書込み清掃ノブ		B C	1 1 1	a-V151 0308 03
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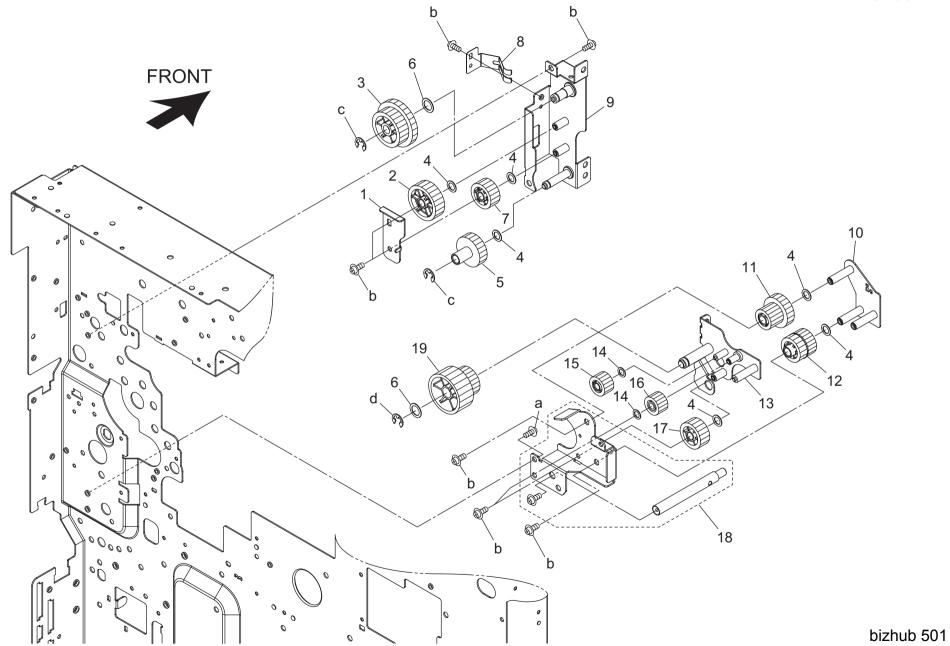


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еу	Part No.		Description	Destinations	Class	QTY	Standard par
1 2	27LA 8003 2E	DC BRUSHLESS MOTOR/30	DC ブラシレス モータ/30		С	1	a-V121 0304 03
2 /	A0R5 M103 00	DC Brushless motor /30	DC ブラシレスモータ/30		С	1	b-V217 0400 50
	26NA 1728 0	BALL BEARING	現像駆動軸受		C	3	c-V237 2012 50
	50GA 1566 0	DRIVE PULLEY UPPER 40T	駆動プーリー上 40T		Č	1	d-V121 0306 0
	50GA 1550 0	GEAR A 100T 30T	ギア A 100 T 30 T		Č	1 1	e-V217 0600 5 f-V123 0306 03
	1900 4141 0	PLYSLIDER 6	ポリスライダー 6		C	3	g-V123 0408 0
	50GA 1552 0	GEAR C 102T 35T	ボラスフィン 0 ギア C 102 T 35 T		Č	1	9 1120 0400 0
	50GA 1856 0	CONVEYANCE GEAR A 50T 27T	一		C	<u> </u>	
		CONVEYANCE GEAR A 501 271 CONVEYANCE GEAR B 41T 27T			C		
	50GA 1857 0		搬送ギア B 41 T 27 T				
	50GA 1858 0E	CONVEYANCE GEAR /C 31T	搬送 ギア/ C 3 1 T		С	1	
	50GA 1506 0	DRIVE PANEL /F	駆動 パネル/ F		D	1	
	4660 7602 0	PAPER FEED SHAFT HOLDER	給紙送り出し軸受		В	2	
	50GA -183 0	SHAFT ASSY	軸部組		D	1	
	50GA 1553 0	GEAR D 45T	ギア D 45 T		С	1	
	50GA 1554 0	GEAR E 35T	ギア E 35 T		С	1	
	50GA 1561 0E	GEAR /I 31T	ギア/ I 3 1 T		С	1	
	50GA 1522 0E	Idling Shaft /B	アイドラー軸/ B		D	1	
	50GA -157 0	RU DRIVE ASSY	RU駆動部組		C	l 1	
	26NA R710 00	TENSION PLATE CAULKING	テンション板カシメ		D	l i	
	50GA 1545 0	TENSION SPRING	テンションバネ		Č		
	26NA 5037 0	IDLER PULLEY 18T	アイドラープーリ 18 T		C	1	-
	26NA 5359 0	BALL BEARING	定着軸受 下		A		
	50GA 1565 0	DEVELOPING DRIVE PULLEY LOWER 45T	現像駆動プーリ 下 45 T		C	1	
	50GA 2104 00	Stopper Plate	ストッパプレート		D	1	
	50GA 1541 0	BELT 296L	ベルト 296 L		С	1 1	_
	50GA 1547 0 50GA -188 0	DRIVE PANEL /I DRUM ROTATION PLATE/D ASSY	駆動 パネル/ I ドラム回転プレート/ D 部組		D C	1 1	
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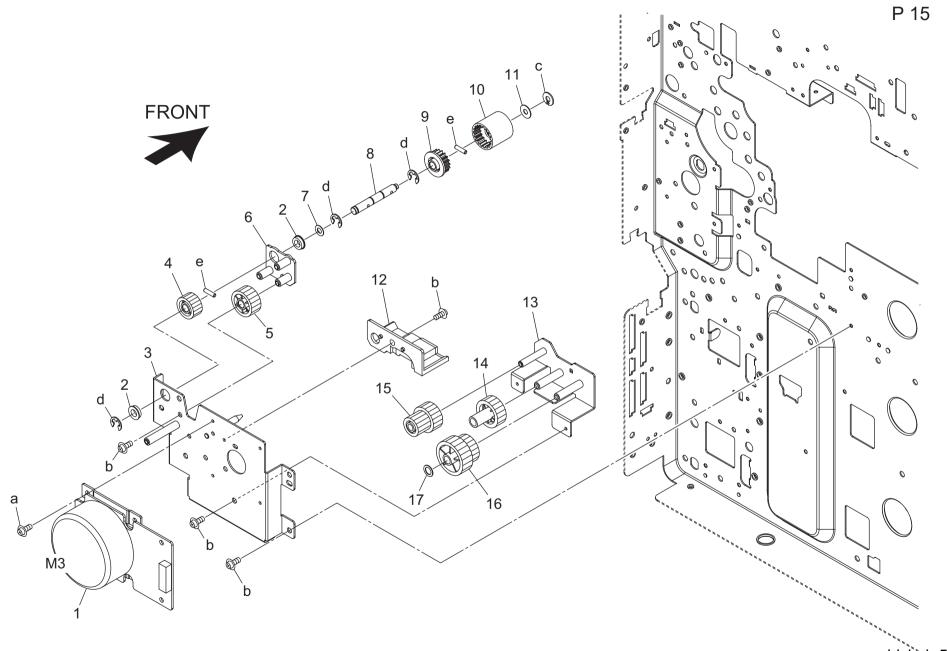


Cey	Part No.		Description	Destinations	Class	QTY	Standard part
1 A0	OR5 M103 00	DC Brushless motor /30	DC ブラシレスモータ/30		С	1	a-V121 0304 03
2 50)GA -155 0	DUMPER PLATE ASSY	ダンパープレート部組		С	1	b-V121 0306 03 c-V221 0300 50
3 26	NA R702 00	DRIVE PLATE COMBINED	駆動プレートカシメ		С	1	c-V221 0300 50
	NA 1560 0	DRUM DRIVING GEAR 108T	ドラム駆動ギア 108 T		C	1	d-V217 0300 5 e-V217 0400 5
	000 4141 0	PLYSLIDER 6	ポリスライダー 6		Č	1	f-V217 0400 5
	GA 1551 0	GEAR B 105T	ギア B 105 T		C	1	g-V237 2012 5
	660 7602 0	PAPER FEED SHAFT HOLDER	給紙送り出し軸受		В	2	9 4207 2012 0
	0GA -160 1E	CAULKING ASSY	わシメ部組		D	1	
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	GA 1518 1E	Agitating Shaft	- 撹拌軸		D	1	
	GA 1560 0	GEAR H 19T 26T	ギア H 19 T 26 T		С	1	
	GA 1556 0	AGITATING GEAR UPPER 17T 30T	撹拌ギア 上 17 T 30 T		С	1	
	GA 1559 0	GEAR G 22T	ギア G 22 T		С	1	
50	GA 1563 0	GEAR K 23T	ギア K 23 T		С	1	
50	GA 1564 0	GEAR L 28T	ギア L 28 T		С	1	
50	GA 1562 0	GEAR J 21T	ギア J 21 T		С	1	
	GA 1555 0	COLLECTION GEAR 20T	回収ギア 20 T		С	1	1
	GA 1557 0	AGITATING GEAR 21T	ガイン 20 T		Č	1	
	GA 1507 0	DRIVE PANEL /C	駆動 パネル/ C		D		
		BALL BEARING			C	1	
	SNA 1728 0		現像駆動軸受				
	NA 5359 0	BALL BEARING	定着軸受・下・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・		A	11	4
	NA 1758 0	AGITATING COUPLING B	攪拌カップリング B		С	1	
)GA -159 0	DRUM DRIVE ASSY	ドラム駆動部組		С	1	
50	GA 1548 0	PRESSING PART	押圧部材		D	1	
26	SNA 1520 0	COUPLING SPRING	カップリングバネ		В	1	
50	GA -154 0	SHAFT ASSY	軸部組		D	1	
	SNA 3087 0	SPRING SPACER	バネスペーサー		С	1	1
	GA -153 0	DRUM INPUT SHAFT ASSY	ドラム入力軸部組		C	1	
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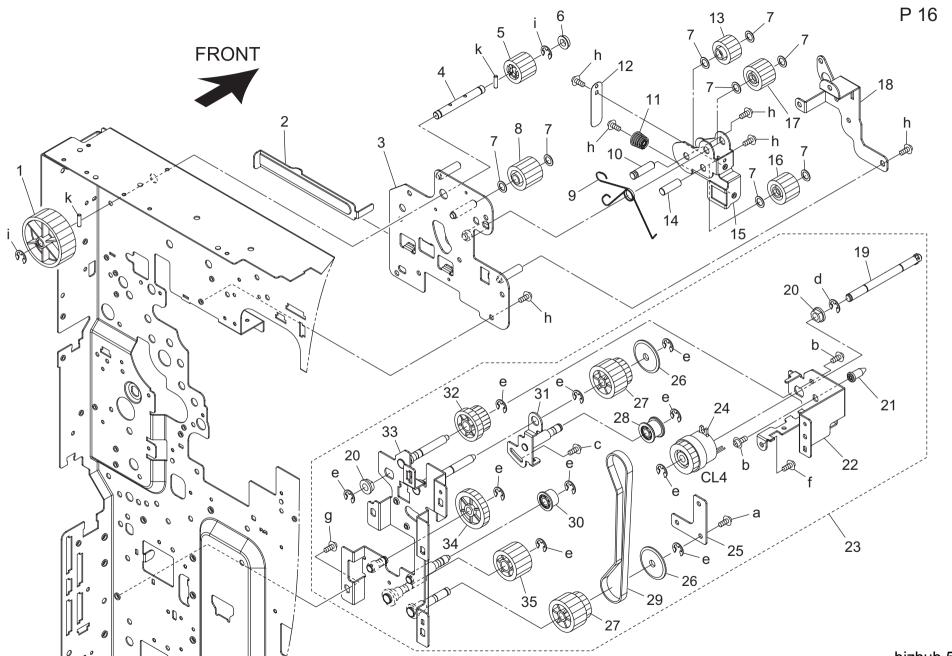
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Key	Part No.		Description	Destinations		·	•
1	50GA 1605 0	PAPER FEED PROTECTION PANEL	給紙保護パネル		D	1	a-9735 0306 14
2	50GA 1613 0	PAPER FEED GEAR C 38T	給紙ギア C 38 T		С	1	b-V121 0306 03
3	50GA 1619 1	ADU INPUT GEAR 49T 28T	A D U 入力ギア 4 9 T 2 8 T		С	1	c-V217 0400 50
4	1900 4141 0	PLYSLIDER 6	ポリスライダー 6		Č	6	d-V217 0600 50
5	50GA 1611 0	PAPER FEED GEAR A 32T	ポリスティン 6 給紙ギア A 32 T		C	1	
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6	1900 4142 0	POLYSLIDER 8	ポリスライダー 8		С	2	
7	50GA 1612 0	PAPER FEED GEAR B 27T	給紙ギア B 27 T		С	1	
8	50GA 4569 1E	CONVEYANCE EARTH PLATE	撤送アース板		D	1	
9	50GA -164 1F	CAULKING ASSY	カシメ部組		D	1	
10	50GA -168 0E	CAULKING ASSY	カシメ部組		D	1	
						1	
11	50GA 1616 0	PAPER FEED GEAR F 21T 23T			С		
12	50GA 1617 0	PAPER FEED GEAR G 26T 19T	給紙ギア G 26 T 19 T		С	1	
13	50GA -165 0E	CAULKING ASSY	カシメ部組		D	1	
14	50GA 2501 00	SPACER	スペーサ		С	2	
15	50GA 1620 0E	PAPER FEED GEAR /I 20T	給紙 ギア/ I 20 T		Č	1	
16	50GA 1614 0E	PAPER FEED GEAR /D 19T	給紙 ギア/ D 19 T		C	1	
17	50GA 1618 0F	PAPER FEED GEAR /H 28T	給紙 ギア/ H 28 T		С	1	
18	50GA -167 0F	CAULKING ASSY	カシメ部組		D	1	
19	50GA 1610 0	PAPER FEED DRIVE GEAR 62T 29T	給紙駆動ギア 62 T 29 T		С	1	
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ey	Part No.		Description	Destinations	Class	QTY	Standard pa
1	A0R5 M103 00	DC Brushless motor /30	DC ブラシレスモータ/30		С	1	a-V121 0304 0 b-V121 0306 0 c-V221 0400 5
2	26NA 1728 0	BALL BEARING	現像駆動軸受		С	2	b-V121 0306 0
3	50GA -171 0	CAULKING ASSY	カシメ部組		D	1	c-V221 0400 5
	40LA 1754 0	DEVELOPING DRIVE GEAR 6 32T	現像駆動歯車 6 32 T		C	1	I d-V/21 / 0400 5
							e-V237 2012 5
5	40LA 1755 0	DEVELOPING DRIVE GEAR 7 39T	現像駆動歯車 7 39 T		С	1	
6	50GA -173 0E	CAULKING ASSY	カシメ部組		D	1	
,	13QA 1033 0	SHAFT SPACER	軸スペーサー		С	1	
3	50GA 1760 1E	Developing Drive Shaft	現像駆動軸		D	1	
	40LA 1756 0	DEVELOPING INPUT COUPLING A	現像入力カップリング A		Č	1	
		DEVELOPING INPUT COUPLING B			Č	1	
)	26NA 1757 0		現像入力カップリング B				
	26NA 1759 0	SPACER B	スペーサー B		С	1	
2	50GA 1703 0	DUST PROOF COVER	防塵カバー		С	1	
3	50GA -172 0	CAULKING ASSY	カシメ部組		D	1	
4	50GA 1752 0	DEVELOPING DRIVE GEAR 2 27T	現像駆動歯車 2 27 T		В	1	
5	50GA 1753 0	DEVELOPING DRIVE GEAR 3 25T 28T	現像駆動歯車 3 25 T 28 T		В	i i	
	50GA 1751 0	DEVELOPING DRIVE GEAR 1 52T 26T	現像駆動歯車 1 52 T 26 T		В	1	
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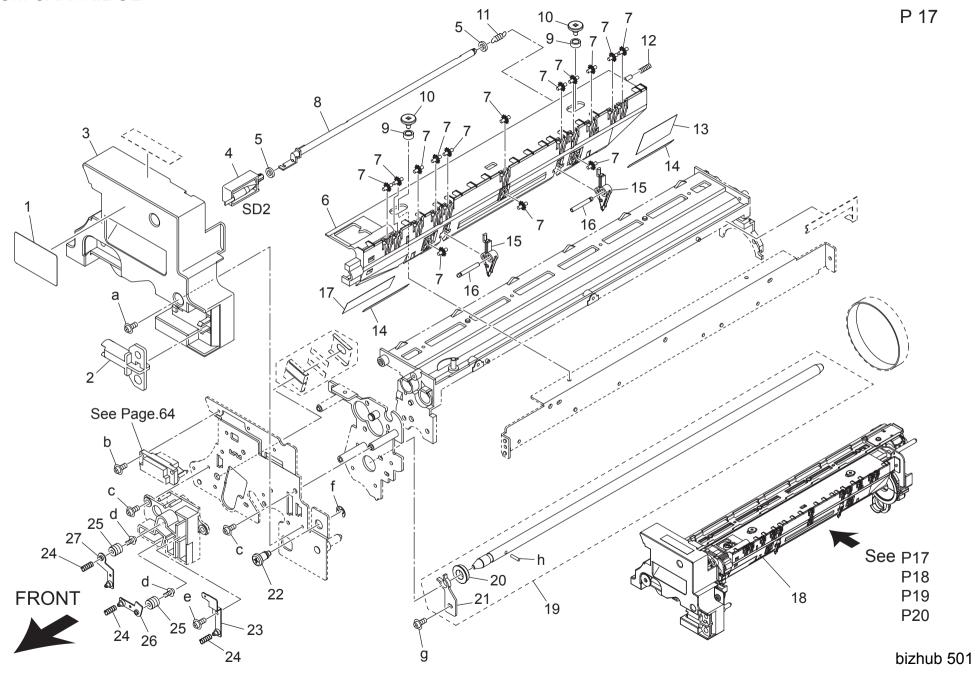
DRIVING UNIT



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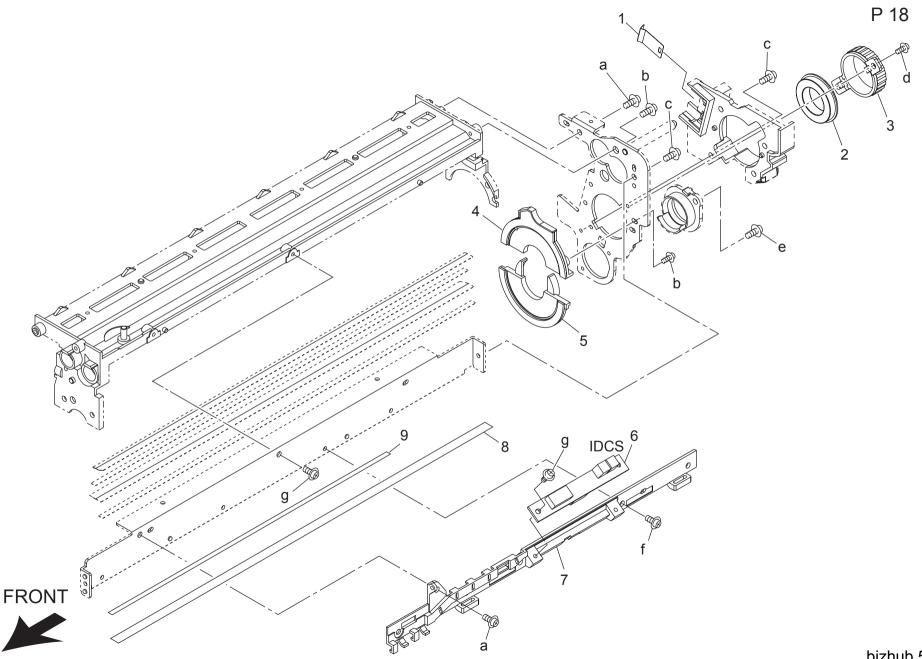
506A 1851 0	Class	Class QTY	Standard par
3 SIOGA-188 1G CAULKING ASSY カシメ部組 C SIOGA 1852 3I Fixing Gear/B 18T 定常 入力軸 C C SINA 1728 0 BALL BEARING 現様駆動範受 C C SINA 1728 0 BALL BEARING 現様駆動範受 C C SINA 1728 0 BALL BEARING 現様駆動範受 C C SINA 1728 0 BALL BEARING 現様駆動範受 C SINA 1728 0 BALL BEARING R SING SPRING R SING SPRING C SING SPRING SING SPRING C SING SPRING SING SPRING C SING SPRING SING SPRING C SING SPRING SING SPRING C SING SPRING SING SPRING C SING SPRING SING SPRING C SING SPRING SING SPRING C SING SPRING SING SPRING C SING SPRING SING SPRING C SING SPRING SING SPRING C SING SPRING SING SPRING C SING SPRING SING SPRING C SING SPRING SING SPRING C SING SPRING SING SPRING C SING SPRING	В	B 1	a-9646 0306 13
4 5 SQGA 1811 1G FIXING INPUT SHAFT	D	D 1	b-9646 0306 14
5 SOGA 1852 3I Fixing Gear/B 18T 定着 ギア/B 18T B 6 Z8NA 1728 0 BALL BEARING 環際駆動軸型 C 7 40LA 1749 0 DRIVING SPACER 1 駆動スペーサー 1 S 8 50GA 1853 2G Fixing Gear/C 19T 定着 ギア/C 19T B 9 50GA 1841 0 FixING SWING SPRING 定着 ギア/C 19T B 10 50GA 1822 0D Fixing Inling Shaft 定着 アイドラー軸 C 11 50GA 1842 0 LEVIR PRESSING SPRING 定着 アイドラー軸 C 12 50GA 1842 0 LEVIR PRESSING SPRING レバー押圧パネ D 13 50GA 1842 0 LEVIR PRESSING SPRING レバー押圧パネ D 14 50GA 1859 1E 庁城河 Gearif 18T 定着 ギア/E 18 T B 14 50GA 1859 2G Fixing Gearif 19T 定着 ア/F 1 9 T B 15 50GA 1859 2G Fixing Gearif 19T 定着 ギア/F 1 9 T B 16 50GA 1859 2G Fixing Gearif 19T 定着 ギア/D 1 9 T B 17 50GA 1859 2G Fixing Gearif 19T 定着 ギア/F 1 9 T B 18 50GA 1804 2D Fixing Gearif 19T 定着 ギア/F 1 9 T B 19 4030 3	С	C 1	c-9646 0308 14
8 6 26NA 1852 31 Fixing Gear/B 18T 度着 ギア/B 1 8 T 8 8 6 26NA 1728 0 BAL BEARING 現機駆動機型 C C S 8 9 50GA 1853 2G Fixing Gear C 19T 東京	С	C 1	d-9721 0400 0 e-4425 3001 0
8			f-9735 0306 14
R 40LA 1740 0	С	C 1	g-9743 0408 1
8			g-9743 0408 1 h-V121 0306 0
9 50GA 1841 0 FIXING SWING SPRING	_		i-V217 0400 50
10 SOGA 1822 0D Fixing Idling Shaft 定著アイドラー軸 C 11 50GA 1842 0 FIXING PRESSING SPRING 定著押圧パネ D 12 50GA 1842 0 EVER PRESSING SPRING レバー押圧パネ D 13 50GA 1852 2G Fixing Gear/E 18T 定著 ギアノE 1 8 T 14 50GA 1852 2G Fixing Gear/E 18T 定著 ギアノE 1 8 T 15 50GA 1857 2G Fixing Gear/F 19T C 16 50GA 1859 2G Fixing Gear/F 19T 定著 ギアノE 1 9 T 17 50GA 1854 2G Fixing Gear/F 19T C E 18 50GA 1504 0E Drive Panel /D Drive Panel			k-V237 2012 5
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### SOGA 1824 I E Fixing Idling Shaft /2 定着アイドラー軸/ 2 取動 パネル/ G	_		
5	_		
Signal 1859 2G	_		
7 50GA 1854 2G Fixing Gear/D 19T 定着 ギア/ D 19 T B D 19 T B D 19 T D D 19 T D D D D D D D D D D D D D D D D D D			
8 50GA 1504 0E			
9 4030 3057 01 SHAFT シャフト			
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1 4030 3067 01 SHAFT シャフト 取付板 D SHACKET 取付板 D SOGA -169 2 LOWER PAPER FEED DRIVE ASSY 下給紙駆動部組 C C C クラッチ C C M SOGA -0.0			
2 4030 3051 01 BRACKET DV 取付板 D SOGA -169 2 LOWER PAPER FEED DRIVE ASSY 下給紙駆動部組 C C クラッチ C C C C C C C C C C C C C C C C C C C			
3 50GA -169 2 LOWER PAPER FEED DRIVE ASSY 下給紙駆動部組 クラッチ C			
4 9322 1500 12 CLUTCH クラッチ C			
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6			
77 4030 3053 01 PULLEY 28/36T アリータ 2 8 / 3 6 T アリータ 4030 3054 01 PULLEY アプーリータ 4030 3054 01 TIMING BELT 324L タイミングベルト 3 2 4 L アプーリータ 1 4030 R705 00 BRACKET ASSY アロター 1 4030 R705 00 BRACKET ASSY アロター 1 50GA 1640 1E Puper feed Gear 19T 33T お紙ギア 1 9 T 3 3 T アロター 1 4030 3060 01 GEAR 30T アロター 1 50GA 1640 1E Puper feed Gear 19T 33T アロター 1 50GA 176 0 PAPER FEED STAKE ASSY アロター 1 50GA 176 0 PAPER FEED STAKE ASSY アロター 1 50GA 176 0 PAPER FEED STAKE ASSY アロター 1 50GA 176 0 PAPER FEED STAKE ASSY アロター 1 50GA 176 0 PAPER FEED STAKE ASSY アロター 1 50GA 176 0 PAPER FEED STAKE ASSY アロター 1 50GA 176 0 PAPER FEED STAKE ASSY アロター 1 50GA 176 0 PAPER FEED STAKE ASSY アロター 1 50GA 176 0 PAPER FEED STAKE ASSY アロター 1 50GA 176 0 PAPER FEED STAKE ASSY アロター 1 50GA 176 0 PAPER FEED STAKE ASSY アロター 1 50GA 176 0 PAPER FEED STAKE ASSY アロター 1 50GA 176 0 PAPER FEED STAKE ASSY アロター 1 50GA 176 0 PAPER FEED STAKE ASSY アロター 1 50GA 176 0 PAPER FEED STAKE ASSY アロター 1 50GA 176 0 PAPER FEED STAKE ASSY アロター 1 50GA 176 0 PAPER FEED STAKE ASSY PAPER 1 50GA 176 0 PAPER FEED STAKE ASSY PAPER 1 50GA 176 0 PAPER FEED STAKE ASSY PAPER 1 50GA 176 0 PAPER FEED STAKE ASSY PAPER 1 50GA 176 0 PAPER FEED STAKE ASSY PAPER 1 50GA 176 0 PAPER FEED STAKE ASSY PAPER 1 50GA 176 0 PAPER FEED STAKE ASSY PAPER 1 50GA 176 0 PAPER FEED STAKE ASSY PAPER 1 50GA 176 0 PAPER FEED STAKE ASSY PAPER 1 50GA 176 0 PAPER FEED STAKE ASSY PAPER 1 50GA 176 0 PAPER FEED STAKE ASSY PAPER 1 50GA 176 0 PAPER FEED STAKE ASSY PAPER 1 50GA 176 0 PAPER FEED STAKE ASSY PAPER 1 50GA 176 0 PAPER FEED STAKE ASSY PAPER 1 50GA 176 0 PAPER FEED STAKE ASSY PAPER 1 50GA 176 0 PAPER FEED STAKE ASSY PAPER 1 50GA 176 0 PAPER FEED STAKE ASSY PAPER 1 50GA 176 0 PAPER FEED STAKE ASSY PAPER 1 50GA 176 0 PAPER FEED STAKE ASSY PAPER 1 50GA 176 0 PAPER 1 50GA 176 0 PAPER 1 50GA 176 0 PAPER 1 50GA 176 0 PAPER 1 50GA 176 0 PAPER 1 50GA 176 0 PAPER 1 50GA 176 0 PAPER 1 50GA 176 0 PAPER 1 50GA 176 0 PAPER 1 50GA 176 0 PAPER 1 50GA 176 0 PAPER 1 50GA 176 0 PAPER 1 50GA 176 0 PAPER 1 50GA 176 0 PAPER 1 50GA 176 0 PAPER 1 50GA			
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29 4030 3054 01 TIMING BELT 324L タイミングベルト 3 2 4 L C 30 1067 2513 01 PULLEY フ°ーリー C 31 4030 R705 00 BRACKET ASSY 取付板 A S S Y 32 50GA 1640 1E Paper feed Gear 19T 33T 給紙ギア 1 9 T 3 3 T C 33 50GA -176 0 PAPER FEED STAKE ASSY 給紙かしめ部組 D 34 4030 3060 01 GEAR 30T ギヤ 3 0 T C	С	C 2	
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DRUM CARTRIDGE



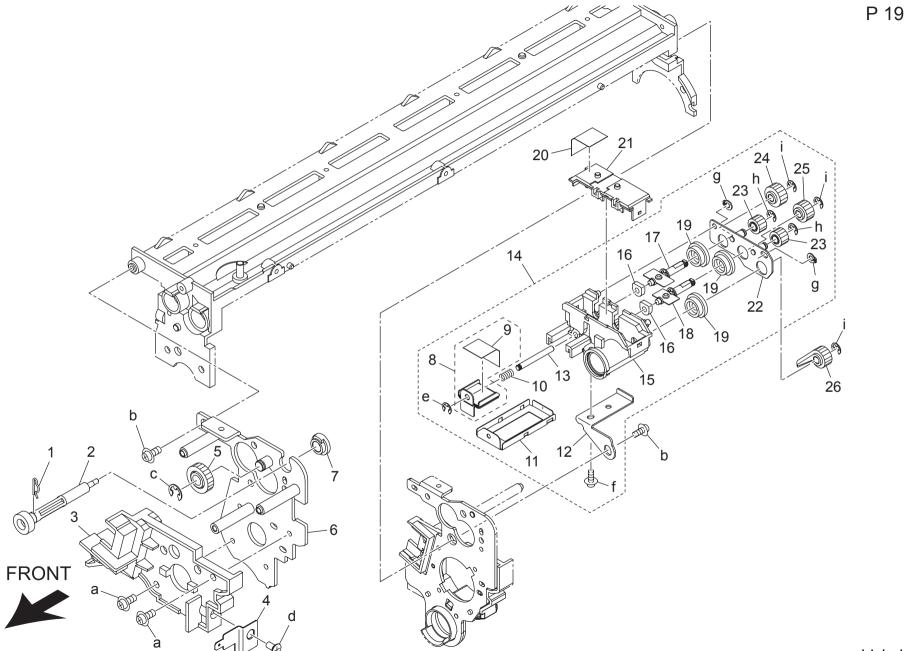
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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	50GA 9795 1E	Toner Indicating Label	トナー表示ラベル		С	1	a-V121 0304 04 b-V121 0308 03 c-V121 0306 03
2	26NA 2134 0	DRUM ROTARY PART	ドラム回転部材		С	1	b-V121 0308 03
3	50GA 2035 0E	CARTRIDGE COVER /FRONT	カートリッジ カバー/前		С	1	d-V121 0306 03
4	26NA R705 00	SEPARATE SORENOID ASSY	分離ソレノイド部組		С	1	e-V151 0308 03
5	26NA 2138 0	SOLENOID SEAL	ソレノイドシール		С	2	f-V217 0400 50
6	26NA 2024 2	SEPARATE GUIDE PLATE	分離ガイド板		С	1	g-V121 0310 04
7	26TA 2032 0	SEPARATE AUXILIARY ROLLER	搬送補助ローラ		С	14	ň-V233 2012 50
8	26NA 2027 0	SEPARATE RELEASE LEVER	分離解除レバー		С	1	
9	26NA 2030 0	SEPARATE ROCKING COLLAR	分離揺動カラー		С	2	
10	26NA 2031 0	SEPARATE ROCKING SCREW	分離揺動ネジ		С	2	
11	40AA 2023 0	SEPARATOR RELEASE SPRING	分離解除バネ		C	1	
12	26NA 2029 0	SEPARATE ROCKING SPRING	分離揺動バネ		C	1	
13	26NA 2142 0	PAPER GUIDE SHEET C	紙ガイドシート C		Č	1	
14	26NA 2140 0	PAPER GUIDE SHEET A	紙ガイドシート A		Č	2	
15	50GA -218 0	SEPARATING CLAW ASSY	分離爪部組		Č	2	
16	40AA 2017 0	SEPARATOR FULCRUM SHAFT	分離支点軸		C	2	1
17	26NA 2143 0	PAPER GUIDE SHEET D	が離る点軸 紙ガイドシート D		C	1	
18	50GA -200 1	DRUM UNIT	ドラムカートリッジ		В		
19	40LA R702 00	DRUM SHAFT ASSY	ドラム軸部組		D		
19 20	26NA 2136 0		トラム軸部組 ドラム支持軸受		C	1	
	40LA 2094 0	DRUM SUPPORT SHAFT HOLDER DRUM SUPPORT PART	トフム文持軸党 ドラム支持部材		C	1	-
21 22							
	26NA 2144 0	CARTRIDGE SCREW	カートリッジネジ		С	1	
23	26NA R704 00	DEVELOPING ELECTRIFY COMBINED	現像給電板カシメ		С	1	
24	3920 4526 0	ELECTRODE CONNECTING SPRING B	電極連結バネ B		С	3	
25	40AA 7319 1	CHARGING INPUT SPRING	帯電入力バネ		С	2	4
26 27	40LA -221 0 40LA -222 0	CHARGE POWERING /A CAULKING CHARGE POWERING /B CAULKING	帯電給電板/Aカシメ 帯電給電板/Bカシメ		D D	1	
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DRUM CARTRIDGE

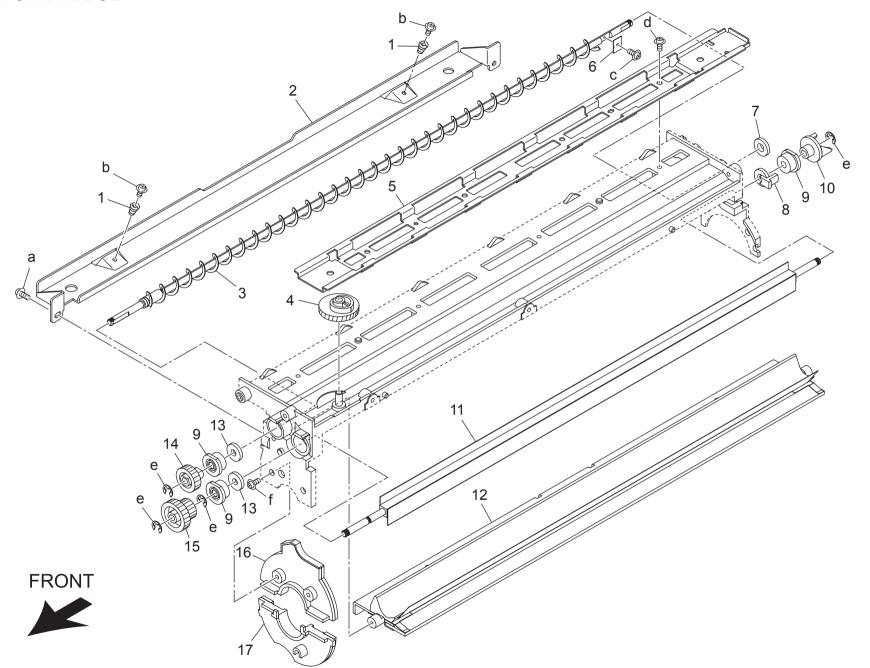


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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2 3 4 5 6 7 8	40LA 2167 0 26NA 2048 0 26NA 2025 0F 26NA R703 00 26NA R706 00 26NA -918 2E 26NA 2095 0 26NA 2020 0	ELECTRODE PRESSING SPRING DRUM SHAFT HOLDER F Shaft holder Support Part BLADE SEAL BLOCK R ASSY BLADE SEAL BLOCK 2 ASSY TONER DETECTED BOARD ASSY WIRING GUIDE PART TONER GUIDE SHEET	電極押圧バネ ドラム軸受 軸受支持部材 シールブロック/R 部組 シールブロック/2部組 トナー検知基板部組 束線ガイド部材 トナー案内シート		C C D B B C C	1 1 1 1 1 1 1	a-V151 0310 03 b-V151 0312 03 c-V121 0306 03 d-V121 0304 04 e-V123 0306 03 f-V121 0304 03 g-V151 0308 03
9	26NA 2133 0	MOUNTING SHEET B	取り付けシート B		D	1	_
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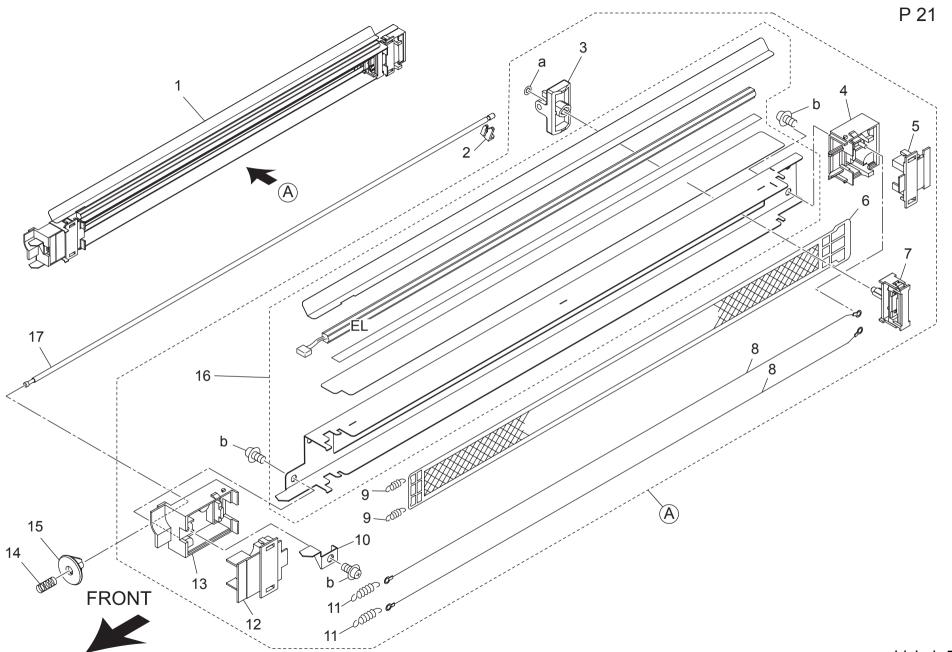


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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	26NA 2092 0	SHAFT FIXED PART	軸受固定部材		С	1	a-V121 0306 03 b-V151 0310 03
2	26NA 2057 0	SEPARATION ROCKING GEAR 18T	分離揺動ギア 18 T		С	1	b-V151 0310 03 c-V217 0400 50
3	40LA 2005 0	ELECTRODE GUIDE PART /FRONT	電極ガイド部材/前		D	1	d-V147 0308 03
4	26NA 2076 0D	Transfer Power supply Plate	転写給電板		С	1	e-V217 0200 50
5	26NA 2042 0	IDLER GEAR 25T	アイドラーギア 25 T		С	1	f-V151 0308 03
6	40LA -215 1	PANEL /FRONT CAULKING	パネル前カシメ		D	1	g-V221 0300 50
7	26NA 2038 0	ROCKING SHAFT HOLDER	摇動軸受		С	1	h-V217 0250 50 i-V217 0300 50
8	50GA -217 0	COLLECTING COVER ASSY	回収カバー部組		D	1	1-7217 0300 50
9	26NA 2107 0	COLLECTING SEAL	回収シール		С	1	
10	26NA 2037 0D	Collection Spring	回収ばね		С	1	
11	26NA 2086 0D	Collection Cover /B	回収カバー/ B		С	1	
12	26TA 2088 1	CLEANER FIXING PART	クリーナー固定部材		D	1	
13	26NA 2087 0	CLEANER AUXILIARY PART	クリーナー補助部材		С	1	
14	50GA -205 0	SCREW GUIDE PART/REAR ASSY	スクリューガイド/奥部組		С	1	
15	26TA 2053 1	SCREW GUIDE PART /REAR	スクリューガイド部材/奥		D	1	
16	26TA 2154 0	RECYCLING SHAFT HOLDER	リサイクル軸受		С	2	1
17	26TA -235 0	RECYCLING SHAFT/1 ASSY	リサイクル軸/1部組		D	1	
18	26TA -236 0	RECYCLING SHAFT/2 ASSY	リサイクル軸/2部組		D	1	
19	26NA 2128 0	SCREW SHAFT HOLDER B	スクリュー軸受 B		C	3	
20	26TA 2161 1	SPEWING PV SHEET B	飛散防止シート B		Č	1	
21	26TA R701 00	COLLECT COVER C ASSY	回収カバー/ C 部組		D	1	1
22	26TA -237 1	DRIVE SUPPORT PANEL/1 CAULKING	駆動支持板/1カシメ		D	1	
23	26TA 2149 0	TONER CONVEYANCE GEAR 4 13T	トナー搬送ギア 4 13 T		C	2	
24	26TA 2148 0	TONER CONVEYANCE GEAR 3 16T	トナー搬送ギア 3 16 T		Č	1	
25	26TA 2147 0	TONER CONVEYANCE GEAR 2 18T	トナー搬送ギア 2 18 T		Č	1	
26	26TA 2146 0	TONER CONVEYANCE GEAR 1 19T			C	1	=
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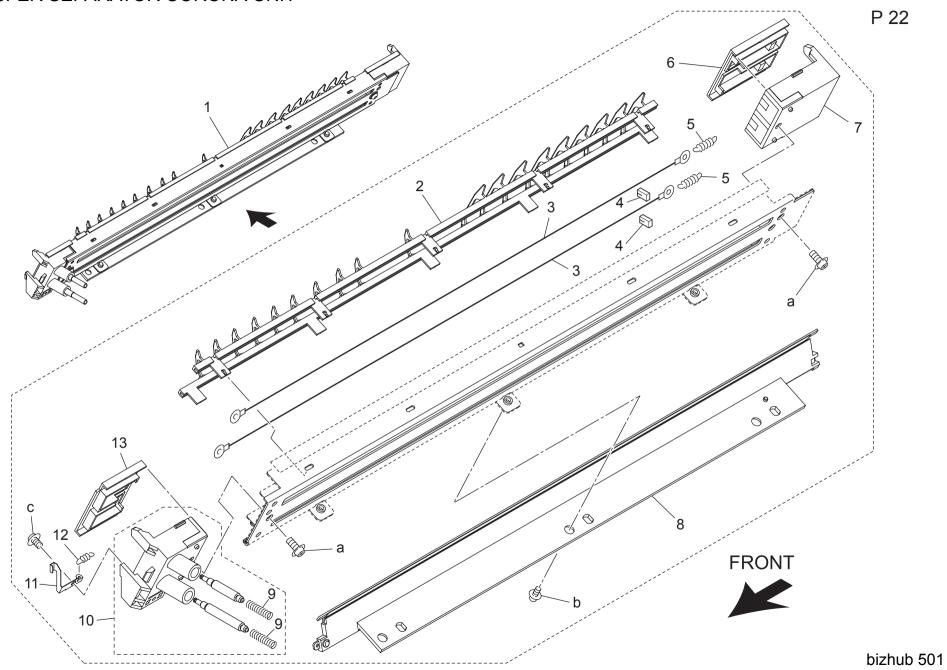
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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
		BLADE PRESSURE SPRING Cartridge Reinforce Part TONER COLLECTION SCREW SEPARATION ROCKING CAM Cartridge Rail AGITATOR PLATE A CLEANER COLLECT SEAL SHAFT HOLDER SPACER SCREW SHAFT HOLDER TONER COLLECT COUPLING TONER COLLECT COUPLING TONER AGITATE SHAFT DRUM CLEANING BLADE ASSY FELT A SCREW GEAR 24T AGITATING GEAR 19T 30T BLADE SEAL BLOCK F ASSY BLADE SEAL BLOCK 1 ASSY	Description	Destinations	Class C D D C C D C C C C B D A C C C C B B B B	QTY 2 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1	
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CHARGING UNIT

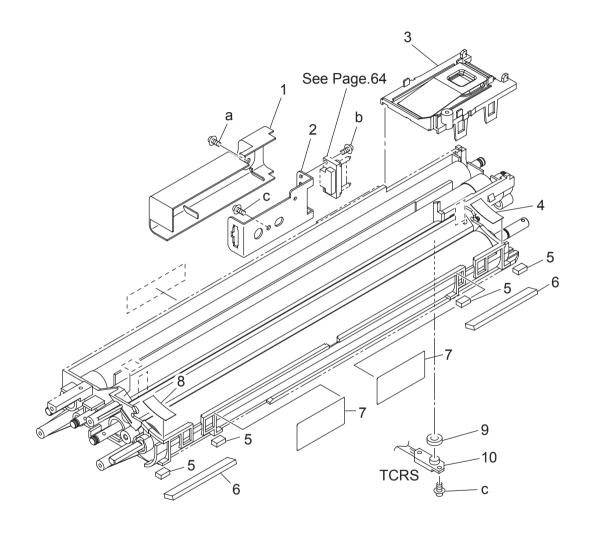


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Key	Part No.		escription	Destinations	Class	QTY	Standard parts	
1 2	50GA -250 0	CHARGE CORONA UNIT	帯電極		В	1	a-V226 0300 50 b-V151 0306 03	
	25HA 2510 0	SHAFT STOPPER PART	軸ストッパー部材		В	1	D-V 151 0300 03	
3	40LA 2519 0	CHARGE CLEANIG KNOB	帯電清掃ノブ		С	1		
4	40LA 2501 1	CHARGING BLOCK REAR	帯電ブロック 奥		С	1		
5	40LA 2505 0	SPARK ARRESTER PREVENTIVE PLATE REA	落雷防止板 奥		В	1		
6	40LA 2516 0	CHARGING CONTROL PLATE	帯電制御プレート		В	1		
7	40LA R704 00	CHARGING CLEANING ASSY	带電清掃部組		С	1		
8	50GA 2506 0	CHARGING WIRE	帯電ワイヤー		C	2		
9	26NA 2518 0	CHARGING SPRING	帯電バネ		В	2		
10	40LA 2507 0	CHARGING ELECTRODE PLATE	帯電給電板		C	1	4	
11 12	26NA 2517 0 40LA 2504 0	WIRE TENSION SPRING SPARK ARRESTER PREVENTIVE PLATE FRO	ワイヤー引張りバネ 落雷防止板 前		B B	2 1		
13	40LA 2502 0	NT CHARGING BLOCK FRONT	 帯電ブロック 前		С	1		
14	26NA 4549 0	LIFTING SPRING 2	持ち上げバネ 2		Č	1		
15	40LA 2520 0	CHARGING CLEANING HANDLE	帯電清掃把手		Č	i i		
16	50GA -251 0	CHARGE DISCHARGING PLATE ASSY	帯電放電プレート部組		C	1	1	
17	50GA 2509 0	CHARGING CLEANING SHAFT	带電清掃軸		С	1		
	1							

TRANSFER SEPARATOR CORONA UNIT



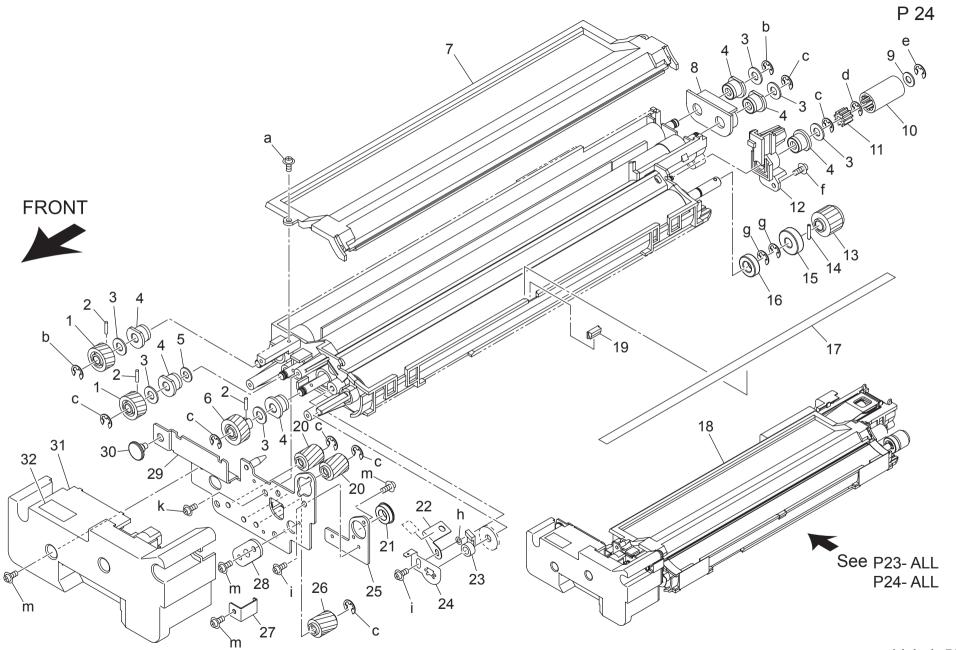
111	TINOI LIVO	EPARATUR CURUNA UNIT					Page. 22
Key	Part No.	Des	cription	Destinations	Class	QTY	Standard parts
1 2 3 4 5 6 7 8 9 10 11 12 13	Part No. 50GA -260 0 50GA 2619 1E 26NA 2608 0 56AA 1783 0 26NA 2623 0 50GA 2607 0F 50GA 2604 0 50GA -261 0 26NA 7325 1 50GA -262 0 26NA 2625 0 26NA 2626 0 50GA 2606 0E	TRANSFER SEPARATING CORONA UNIT SEPARATION BRIDGE DISCHARGE WIRE TRANSFER HOLDING RUBBER WIRE TENSION SPRING SPARK PREVENTING PLATE /REAR TRANSFER SEPARATOR BLOCK REAR TRANSFER GUIDE PLATE ASSY ELECTRODE CONNECTING SPRING A TRANSFER SEPARATOR BLOCK FRONT ASSY ELECTRODE PLATE ELECTRODE SPRING SPARK PREVENTING PLATE /FRONT	ription 転写分離極 分離 ブリッジ 放電ワイヤー 転写押えゴム ワイヤーテンションバネ 落雷防止板/奥 転写が離びロック 奥 転写が離びしまる。 電極連結バネ A 転写分離プロック前部組 給電板 給電がネ 落雷防止板/前	Destinations	Class A C A B C C C C B C C C C C C C C C C	QTY 1 1 2 2 2 1 1 1 2 1 1 1 1 1 1 1 1	Standard parts a-V151 0308 03 b-V123 0306 03 c-V145 2606 03



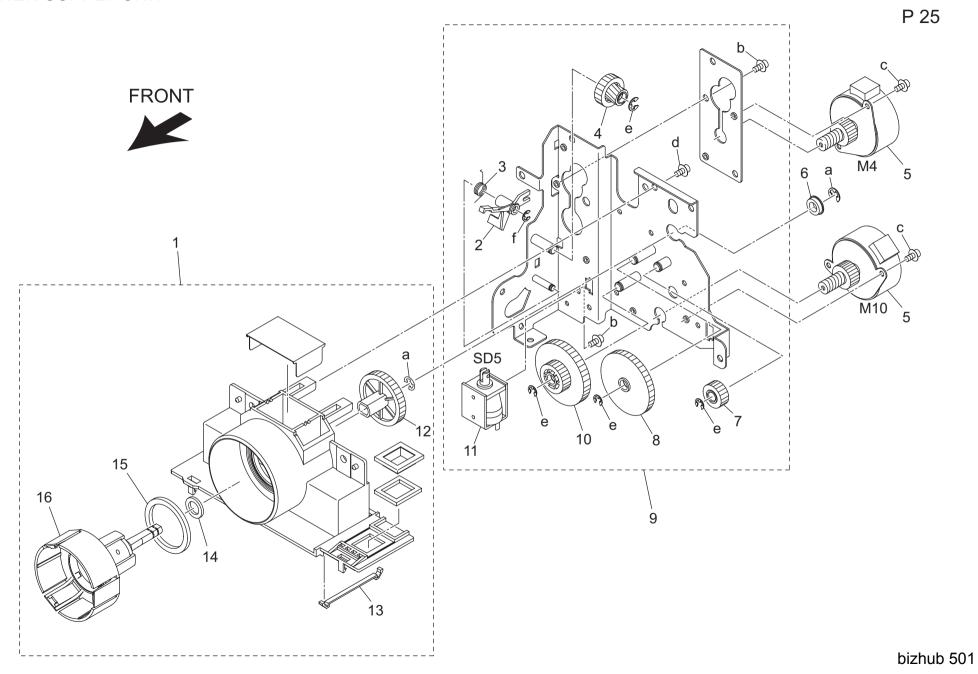


טבי	ELOPING	OINII					Page. 23
Key	Part No.	Des	cription	Destinations	Class	QTY	Standard parts
1 2 3 4 5 6 7 8 9	26NA 3049 0 26NA 3047 0 26NA R708 00 26NA 3072 0 50GA 3161 0 50GA 3160 0 50GA 3157 0 26NA 3045 0 0294 2064 0 26NA 8804 1	DEVELOPING ELECTRODE COVER DEVELOPING ELECTRODE STAY DEVELOPING COVER PART A ASSY SCATTER PREVENTING SHEET 4 DEVELOPING SUCTION SEAL C DEVELOPING SUCTION SEAL B SCATTER PREVENTING SHEET /A SCATTER PREVENTING SHEET 3 L DETECTING SEAL TONER DENSITY SENSOR	現像給電カバー 現像給電ステー 現像カバー部材/ A 部組 飛散防止シート/ 4 現像サクションシール/ C 現像サクションシール/ B 飛散防止シート/ A 飛散防止シート/ 3 L 検シール トナー濃度センサー		D D C C C C C C B	1 1 1 1 4 2 2 1 1 1	a-V121 0306 03 b-V118 0306 03 c-V151 0306 03

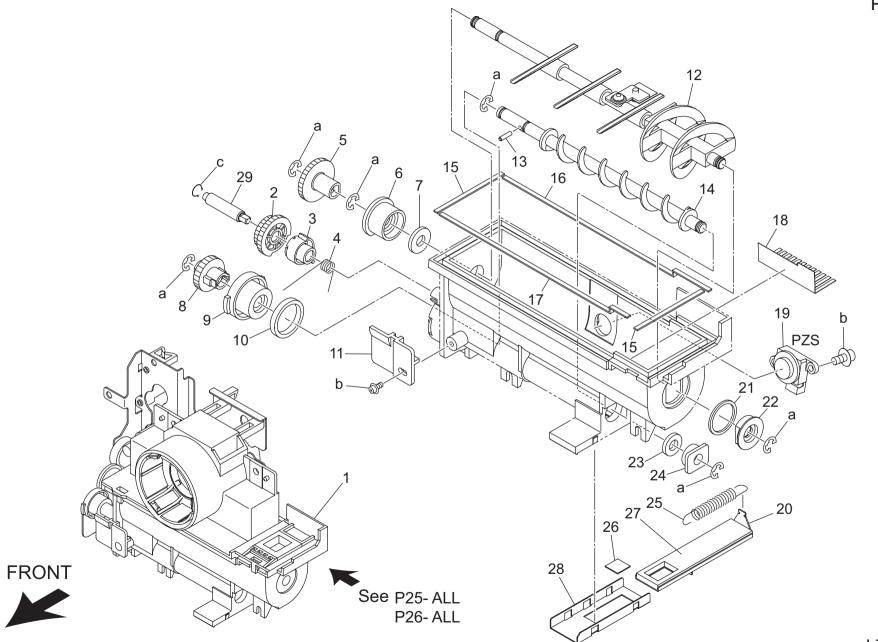
DEVELOPING UNIT



ey	Part No.		Description	Destinations	Class	QTY	Standard par
	50GA 3015 0	AGITATING GEAR B 20T	撹拌ギア B 20 T		В	2	a-V121 0306 04
2 4	1660 7801 0	PIN A D2X10	ピン A D2X10		В	3	b-V217 0500 50
3 2	26NA 3085 0	SHAFT HOLDER SPACER	軸受スペーサー		С	6	c-V217 0400 50
2	26NA 3077 0	DEVELOPING SHAFT HOLDER	現像軸受		В	6	d-V217 0300 5 e-V221 0300 5
	26NA 3094 0	DEVELOPING SEAL S	現像シール S		C	1	f-V151 0306 0
	50GA 3014 0	AGITATING GEAR A 22T	撹拌ギア A 22 T		В	1	g-V217 0600 5
	26TA R702 00	DEVELOPING COVER ASSY	現像蓋部組		C	1	h-V207 0600 (
	26NA 3009 0	DEVELOPING COVER PART /B	現像カバー部材/ B		D	1	i-V123 0306 0 k-V151 0308 0
			スペーサー C		C		k-V151 0308 (
	26NA 3096 0	SPACER C				!	m-V121 0306
	26NA 3095 0	AGITATE COUPLING A	攪拌カップリング A		С	1	
	26NA 3073 0	AGITATE COUPLING	攪拌カップリング		В	1	
	26NA R707 00	DEVELOPING COVER PART C ASSY	現像カバー部材/ C 部組		D	1	
2	26NA 3070 0	DEVELOPING GEAR	現像ギア		С	1	
1	1136 2060 0	PIN A	ヒ°ン (A)		С	1	
	26NA 3066 0	BALL BEARING	現像案内軸受		C	1	
_	26NA 3065 0	DEVELOPING SHAFT HOLDER REAR	現像軸受 奥		C	1	1
	26NA 3044 0	SPEWING PREVENTIVE SHEET 2	飛散防止シート 2		D	1	
	50GA -300 1	DEVELOPING UNIT	現像器		В		1
					_		
	26NA 3084 0	DEVELOPING BLOCK	現像ブロック		D	1	
	50GA 3018 0	IDLING GEAR 2 15T	アイドラーギア 2 15 T		В	2	4
	26NA 2136 0	DRUM SUPPORT SHAFT HOLDER	ドラム支持軸受		С	1	1
2	26NA 3036 0	DEVELOPING CONNECTING PLATE	現像連結板		D	1	1
2	26NA 3063 0	DEVELOPING SHAFT HOLDER FRONT	現像軸受前		С	1	
	26NA 3021 1G	Magnet Adjusting Plate	マグネット調整板		D	1	1
	26NA 3086 0	SHAFT HOLDER FULCRUM PART	軸受支持部材		C	1	1
_	50GA 3017 0	IDLING GEAR 1 15T	アイドラーギア 1 15 T		В	1	1
_	26NA 3093 0	DEVELOPING SUPPORT STOPPER	現像支持ストッパ		D	1	
					D		
	26NA 3075 0	DEVELOPING ADJUSTING CAM FRONT	現像調整カムが前			1	1
	50GA -307 0E	DEVELOPING STAY CAULKING	現像ステーカシメ		D	1	
	26NA 3101 0	POSITIONING SCREW	位置決めネジ		С	1	1
	50GA -304 0	DEVELOPING COVER ASSY	現像カバー部組		С	1	
2 5	56UA 9792 0	HIGE VOLTAGE CAUTION LABEL	高圧注意ラベル		С	1	
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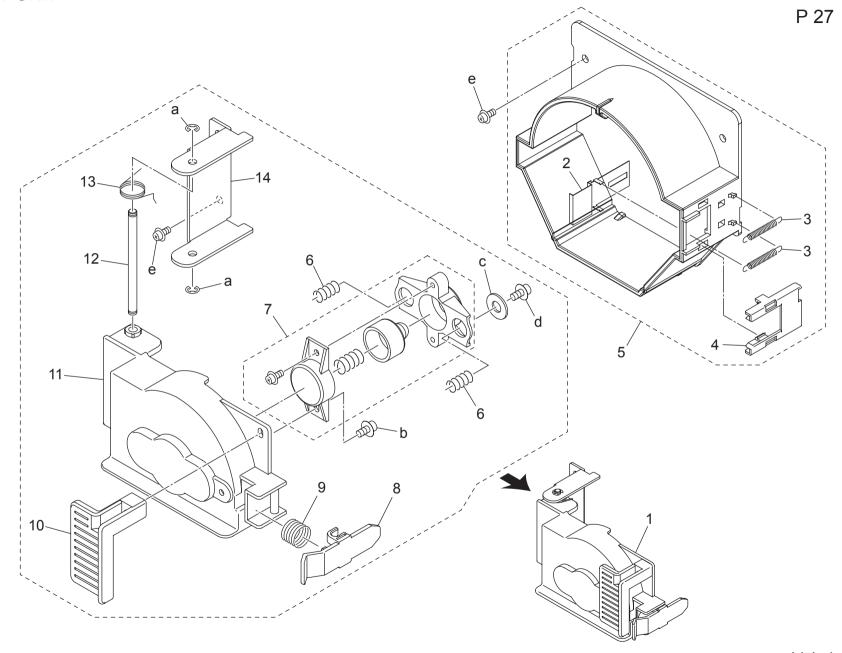
C ey	Part No.		Description	Destinations	Class	QTY	Standard part
1	50GA -322 1	TONER SUPPLY MAIN/UPPER ASSY	トナー補給本体/上部組		С	1	a-V217 0500 50
2	50GA 3271 0	LOCK ARM	ロックアーム		С	1	b-V121 0304 03
3	50GA 3272 0	LOCK SPRING	ロックバネ		С	1	c-V122 0304 03
4	26NA 3268 0	TONER CONVEYANCE GEAR 5 16T 23T	トナー搬送歯車 5 16 T 23 T		Č	1	d-V151 0306 03 e-V217 0400 50
5	26NA 8006 1	TONER SUPPLY MOTOR	トナー補給モータ		В	2	e-V217 0400 50
							f-V217 0300 50
6	26NA 3266 0	TONER SUPPLY SHAFT HOLDER	トナー補給軸受		C	1	
7	26TA 3258 0	TONER SUPPLY REGULATING GEAR 18T	トナー補給規制歯車 18 T		С	1	
8	26TA 3264 0	TONER SUPPLY GEAR 2 16T 51T	トナー補給歯車 2 16 T 51 T		С	1	
9	50GA -323 0	TONER CONVEYING DRIVE ASSY	トナー補給駆動部組		С	1	
10	26TA 3261 0	TONER SUPPLY GEAR 1 23T 51T	トナー補給歯車 1 23 T 51 T		С	1	
11	26NA 8251 3	PAPER FEED SOLENOID	給紙ソレノイド		C	1	
12	26NA 3259 0	TONER SUPPLY REGULATING GEAR 42T	トナー補給駆動歯車 42 T		č	1	
13	26NA 3294 0	TONER SUPPLY SEAL 4	トナー補給シール 4		D	1	
14	26NA 3242 0	TONER SUPPLY SEAL/REAR	トナーホキュシール/オク GN		С	1	
15	26NA 3295 0	TONER SUPPLY HOLDING SEAL /A	トナー補給ホルダーシール/ A		С	1	
16	26NA 3231 1E	TONER SUPPLY HOLDING MAIN BODY	トナー補給ホルダ本体		D	1	
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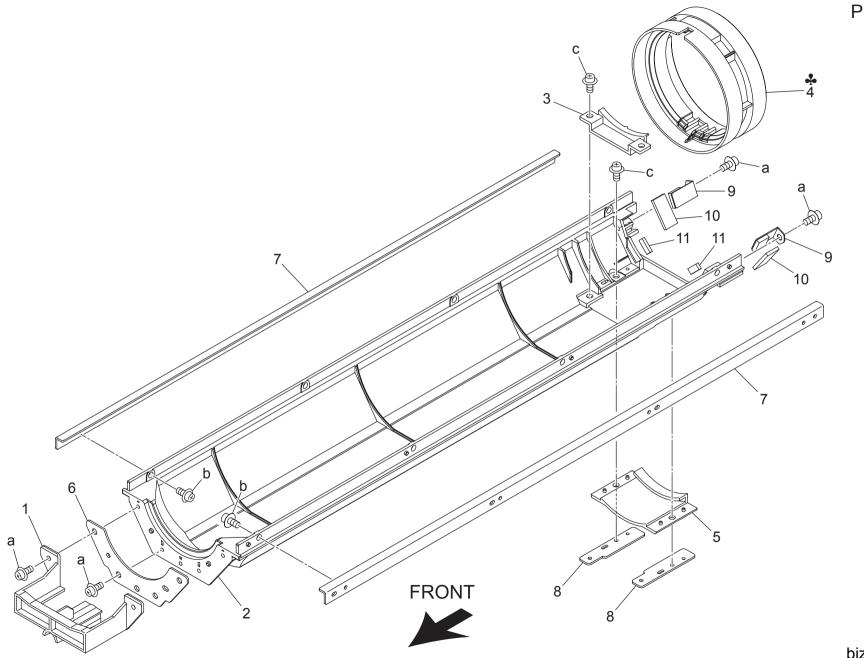
Key	Part No. Description Destinations			Class	QTY	Standard parts	
1	50GA -320 1	TONER SUPPLY UNIT	トナー補給		ı	1	a-V217 0400 50
2	50GA 3252 0	TONER CONVEYANCE GEAR 3 20T 25T	トナー搬送歯車 3 20 T 25 T		С	1	b-V151 0308 03
3	50GA 3323 0E	TONER SUPPLY DRIVE CAM	トナー補給駆動カム		С	1	c-V221 0400 50
4	50GA 3270 0	STOPPER SPRING	突き当てバネ		Ċ	1	
5	50GA 3253 0	TONER CONVEYANCE GEAR 4 27T	トナー搬送歯車 4 27 T		Č	1	
6	25HA 3215 2	TONER CONVEYANCE SHAFT HOLDER A	トナー搬送軸受 A		C	1	
		FELT C				1	
7	26NA 3296 0		フェルト C		С		
8	50GA 3251 0	TONER SUPPLY REGULATING GEAR 21T	トナー補給規制歯車 21 T		C	1	
9	26NA 3256 0	TONER AGITATE SHAFT HOLDER LEFT	トナー搬送軸受/左		С	1	
10	40LA 3227 0	SCREW SEAL PART MIDDLE	スクリューシール部材 中		D	1	
11	50GA 3322 0	SPRING REGULATING PART A	バネ規制部材 A		С	1	
12	40LA R706 00	AGITATE SCREW ASSY	撹拌スクリュー部組		D	1	
13	26NA 3297 0	PIN	ピン		С	1	
14	26NA 3204 0	TONER SUPPLY SCREW	トナー補給スクリュー		Č	1	
	26NA 3293 0	TONER SUPPLY SEAL 3	トナー補給シール 3		Č	2	
15							
16	26NA 3291 0	TONER SUPPLY SEAL 1	トナー補給シール 1		С	1	
17	26NA 3292 0	TONER SUPPLY SEAL 2	トナー補給シール 2		С	1	
18	26TA 3301 0	TONER AGITATE SHEET FRONT	トナー撹拌シート 前		С	1	
19	40AA 8803 1	LEVEL DETECTION SENSOR	残量検知センサ		С	1	
20	50GA 3208 0	TONER SUPPLY OPEN CLOSE PLATE	トナー補給開閉板		D	1	
<u>21</u>	26NA 3228 0	SCREW SEAL PART UPPER	スクリューシール部材 上		C	1	
22	26NA 3254 0	TONER AGITATE SHAFT HOLDER	トナー攪拌軸受		č	1	
23							
	26NA 3220 0	SCREW SEAL PART LOWER	スクリューシール部材下		C	!	
24	26NA 3255 0	TONER AGITATE SHAFT HOLDER RIGHT	トナー搬送軸受 右		С	1	
25	26NA 3209 0	TONER SUPPLY OPEN CLOSE SPRING	トナー補給開閉バネ		В	1	
26	26NA 3290 0	SPEWING PREVENTIVE SPACER	飛散防止スペーサー		С	1	
27	26NA 3230 0	TONER SUPPLY OPEN CLOSE SHEET	トナー補給開閉シート		С	1	
28	26NA 3243 0	TONER SUPPLY OPEN CLOSE COVER	トナー補給開閉カバー		С	1	
29	26NA 3269 0	TONER AGITATING SHAFT /2	トナー撹拌軸/2		D	1	
	2014/102000	TOTAL CONTINUE OF THE TITLE	1 / DETT#2 =				_
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TONER SUPPLY UNIT

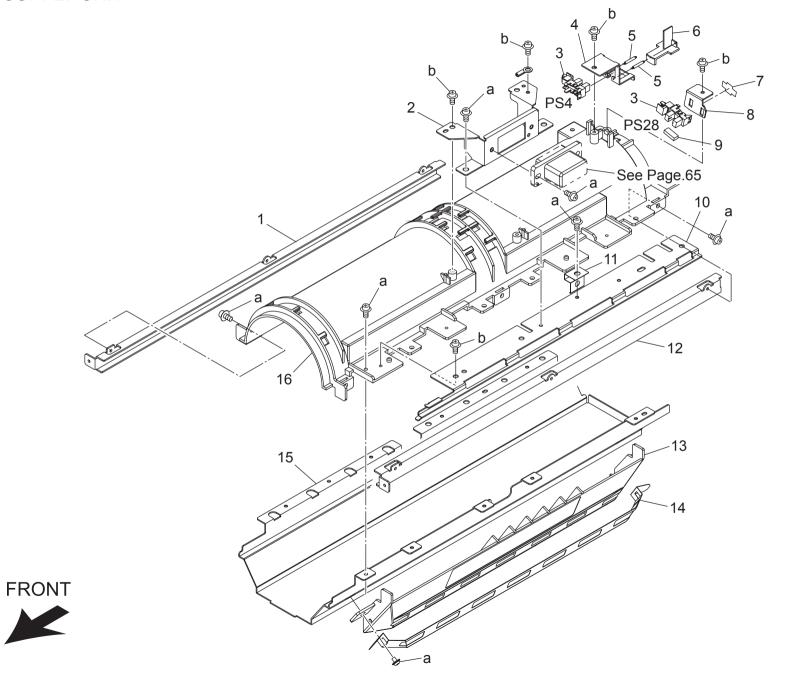


FRONT

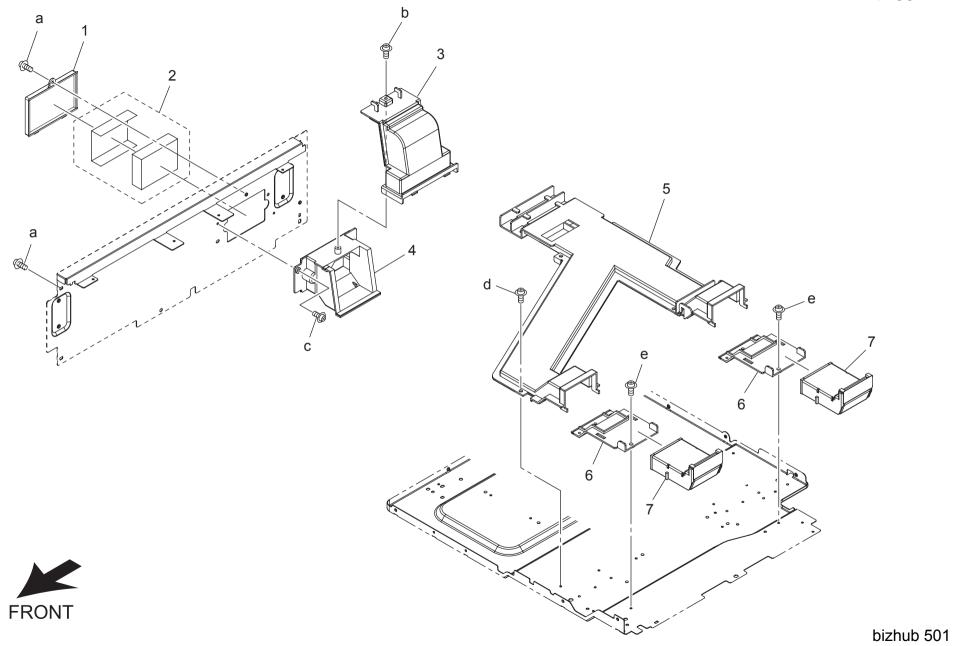
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2 3 4 5 6 7 8 9 10	50GA -332 1 26TA 3296 0 26TA 3297 0 26TA 3299 0 50GA -334 1 26TA 3298 0 50GA -333 0 50GA 3285 1 26NA 3287 0 50GA 3312 0 50GA 3311 0 50GA 3311 0 50GA 3326 0	TONER CARTRIDGE PRESSING ASSY CARTRIDGE REGULATING PLATE CARTRIDGE REGULATING SPRING COVER PART TONER SUPPLY GUIDE PART ASSY CARTRIDGE PRESSING SPRING 3 PRESSING ASSY CARTRIDGE PRESSING HANDLE CARTRIDGE PRESSING HANDLE CARTRIDGE PRESSING HANDLE B Cartridge Pressing Pedestal TONER SUPPLY SUPPORT SHAFT TONER SUPPLY OPEN CLOSE SPRING	トナーカートリッジ押圧部組 カートリッジ規制板 カートリッジ規制バネ カバー部材 トナー補給ガイド部材部組 カートリッジ押圧バネ/3 押圧部組 カートリッジ押圧把手 カートリッジ押圧にネ 2 カートリッジ押圧にも トナー補給支点軸 トナー補給関別パネ A		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 2 1 1 1 1 1 1 1 1 1	a-V217 0300 50 b-V151 0308 03 c-00Z6 1042 1 d-V151 0410 03 e-V121 0306 03
14	50GA 3310 0	TONER SUPPLY SUPPORT PLATE	トナー補給支点板		D	1	
							-
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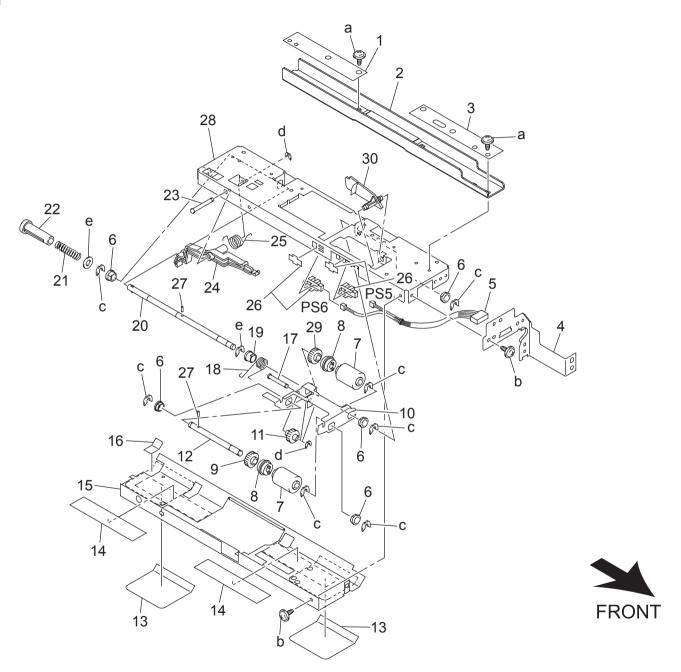
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2 3 4 4 4 5 6 7 8	50GA 3308 0E 50GA 3210 2I 50GA 3318 2 50GA 3315 2F 50GE 3315 2F 50GF 3315 2F 50GA 3306 0E 50GA 3309 1E 50GA 3304 0 50GA 3319 0 50GA -337 0 50GA 3321 0	TONER SUPPLY PULLING LEVER Toner supply Guide Plate /Lower TONER SUPPLY AUXILIARY COVER B Toner supply Index Part Toner supply Index Part Toner supply Index Part TONER SUPPLY AUXILIARY COVER LEVER MOUNTING PLATE TONER SUPPLY GUIDE RAIL /MIDDL MOUNTING PLATE /A MOUNTING PART /A ASSY REGULATING SEAL A	トナー補給引張リレバー トナー補給ガイド板/下 トナー補給補助カバー B トナー補給指標部材 トナー補給指標部材 トナー補給指標部材 トナー補給がカバー レバー取り付け板 トナー補給ガイドレール/中 取り付け板/ A 取り付け部材/ A 部組 規制シール/ A	A B,G2 C,D1,D3,E,F2,G1,I,K	C C C C C C C C C C C C C C C C C C C	1 1 1 1 1 1 1 1 2 2 2	a-V151 0308 03 b-V118 0304 03 c-V121 0306 03
11	50GA 3332 0	SCATTER PREVENTING SEAL B	飛散防止シール/ B		C	2	
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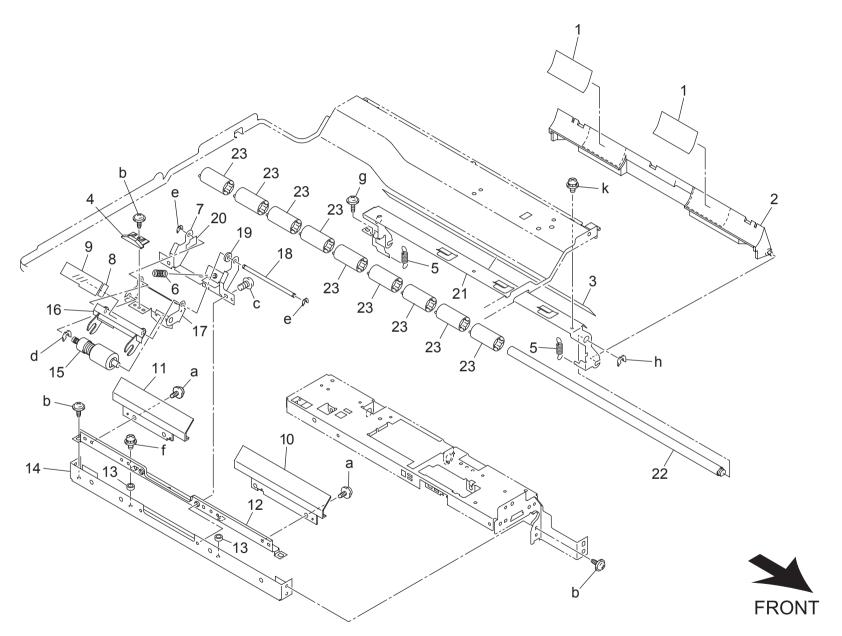
Key	Part No.		Description	Destinations	Destinations Class		
1	50GA 3303 0	TONER SUPPLY GUIDE RAIL/LEFT	トナー補給ガイドレール/左		D	1	a-V121 0304 03
2	50GA 3324 0	CORD MOUNTING PLATE/1	コード取付板/1		D	1	b-V151 0308 03
3	9335 1300 61	PHOTO INTERRUPTER	フォトインタラプタ		В	2	
4	50GA 3307 1	MOUNTING PLATE	センサ取付板		C	1	
5	50GA 3317 0E	SLIDE SPRING /A	スライドバネ/ A		Č	2	
						1	
6	50GA 3223 0	DETECTION ACTUATOR	検知アクチェタ		C	· ·	
7	4470 4024 01	STOPPER	ストッパ		D	1	
8	50GA 3316 1E	MOUNTING PLATE /B	センサ取り付け板/ B		С	1	
9	50GA 3333 0	SCATTER PREVENTING SEAL C	飛散防止シール/ C		С	1	
10	50GA 3314 0	RAIL/LEFT	レール/左		D	1	
11	50GA 3325 0	TONER SUPPLY EARTH PLATE 1	トナー補給アース板 1		С	1	
12	50GA 3302 0	TONER SUPPLY GUIDE RAIL/RIGHT	トナー補給ガイドレール/右		D	1	
13	50GA 3313 0	COOLING COVER E	冷却カバー E		C	1	
14	50GA -3315 0	FILTER MOUNTING PLATE ASSY	フィルタ取り付け板部組				
					A	1	
15	50GA 3305 0E	TONER SUPPLY PROTECTION PART	トナー補給保護部材		D	1	
16	50GA 3211 1F	TONER SUPPLY GUIDE PLATE /UPPER	トナー補給ガイド板/上		С	1	
							4
							1



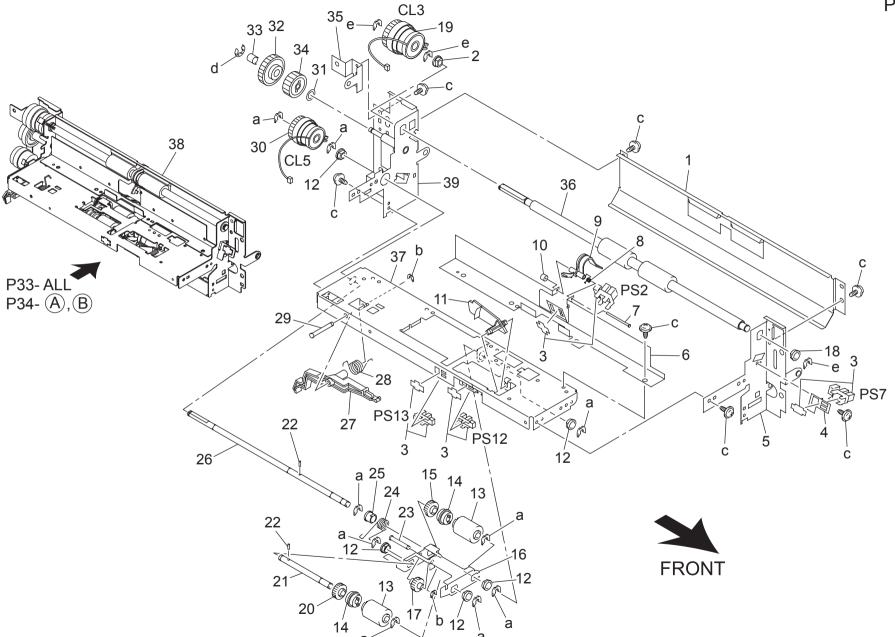
	EVELOPING SUCTION UNTI							
Key	Part No.		ription	Destinations	Class	QTY	Standard parts	
1 2 3 4 5 6 7	A0R5 R701 00 40LA R705 00 50GA -313 0 50GA -315 0 50GA -316 0 50GA -319 0 50GA -311 0	Filter Cover ASSY SUCTION FILTER A ASSY SUCTION COVER 6 ASSY FAN COVER ASSY SUCTION COVER 1 ASSY SUCTION COVER 8 ASSY SUCTION COVER 2 ASSY	フィルターカバー ASSY サクションフィルタ/ A 部組 サクションカバー/6部組 ファンカバー部組 サクションカバー 1部組 サクションカバー/8部組 サクションカバー/2部組		A A D D D	1 1 1 1 1 2 2	a-V121 0306 03 b-V151 0308 03 c-V137 0308 03 d-V144 0306 03 e-V144 0308 03	



Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	4030 3087 01	REINFORCE PLATE	補強板		D	1	a-9735 0308 14
2	4030 3084 01	REINFORCE PLATE	補強板		D	1	b-9735 0306 14
3	4030 3086 01	REINFORCE PLATE	補強板		D	1	c-4425 3001 01 d-4425 3002 01
4	4030 3041 02	FRAME	フレーム		D	1	e-9715 0600 01
5	4030 6811 01	WIRE HARNESS ASSY	ハーネス ASSY		D	1	0 07 10 0000 01
6	4131 3003 01	BUSHING	軸受		С	5	
7	4030 3005 01	ROLLER	ローラ		Α	2	
8	4030 3034 01	CLUTCH	クラッチ		С	2	
9	4425 3016 01	GEAR 32T	ギヤ 32 T		С	1	
10	4030 3002 02	HOLDER	ホルダ		D	1	
11	4030 3008 01	GEAR 29T	ギヤ 29 T		C	1	
12	4030 3003 01	SHAFT	シャフト		D	1	
13	4030 3036 01	GUIDE	ガイド		C	2	
14	4030 3088 01	WEIGHT	重り		č	2	
15	4030 3023 03	GUIDE PLATE	ガイド板		Ď	1	
16	4030 3085 01	COVER	カバー		C	1	=
17	4040 3097 01	SHAFT	シャフト		D	1	
18	4030 3030 01	TORSION SPRING	シャット ねじりコイルばね		C	1	
					_	1	
19	1065 3086 01	BUSHING	シ゛クウケ		С	1 1	
20	4030 3004 01	SHAFT	シャフト		D		4
21	1070 3072 01	PRESSURE SPRING	アッシュクスフ゜リンク゛		С	1	
22	1052 4412 01	JOINT	シ゛ョイント		С	1	
23	4040 3096 01	SHAFT	シャフト		D	1	
24	4030 3011 03	LEVER	レバー		С	1	
25	4030 3012 01	TORSION SPRING	ねじりコイルばね		С	1	
26	4037 0906 01	PHOTO INTERRUPTER	フォトインタラプター		В	2	
27	1067 2501 01	PIN	ヒ°ン		С	2	
28	4030 3001 03	FRAME	フレーム		D	1	
29	4425 3013 01	GEAR 30T	ギヤ 30 T		С	1	
30	4030 3016 12	ACTUATOR	アクチュエータ		С	1	

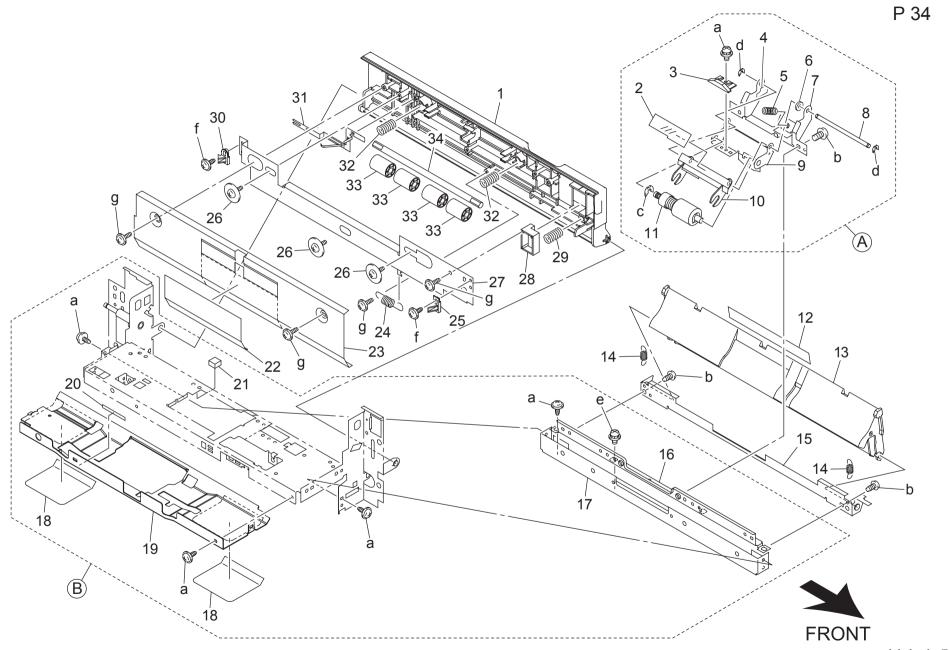


Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	4030 3108 01	GUIDE	ガイド		С	2	a-9735 0308 14
2	4030 3032 03	GUIDE	ガイド		D	1	b-9735 0306 14
3	50GA 4001 0	ROLLER GUIDE SHEET	ローラガイドシート		С	1	c-9743 0308 14 d-4425 3001 01
4	4030 3078 01	LEVER	レバー		С	1	e-4425 3001 01
5	4030 3125 01	TENSION SPRING	引張コイルばね		С	2	f-9646 0308 14
6	4030 3017 03	PRESSURE SPRING	圧縮コイルばね		С	1	g-9739 0308 14 h-1066 1151 01
7	4030 3014 01	BRACKET	取付板		D	1	h-1066 1151 01
8	4030 3080 01	GUIDE	ガイド		С	1	k-9646 0306 14
9	4030 3079 01	GUIDE	ガイド		C	1	
10	4030 3026 02	GUIDE	ガイド		D	1	
11	4030 3027 02	GUIDE	ガイド		D	1	
12	4030 3037 01	REINFORCE PLATE	補強板		D	1	
3	26NA 2030 0	SEPARATE ROCKING COLLAR	分離揺動カラー		c	2	
14	4030 3025 02	BRACKET	取付板		D	1	
15	4030 3023 02	SEPARATION ROLLER ASSY			A		
			分離ローラ ASSY				4
16	4030 3077 01	GUIDE	ガイド		D	1	
17	4030 3013 01	HOLDER	ホルダ		D	1	
18	4030 3039 01	SHAFT	シャフト		D	1	
9	4040 5610 00	Spacer	スペーサ		D	1	
20	4040 5612 00	Spacer	スペーサ		D	1	
21	50GA 4003 0	ROLLER MOUNTING PLATE UPPER	ローラ取り付け板/上		D	1	
22	50GA 4002 0	PAPER FEED ROLLER SHAFT	給紙ころがり軸		С	1	
23	4658 3513 01	ROLLER	ローラ		С	9	
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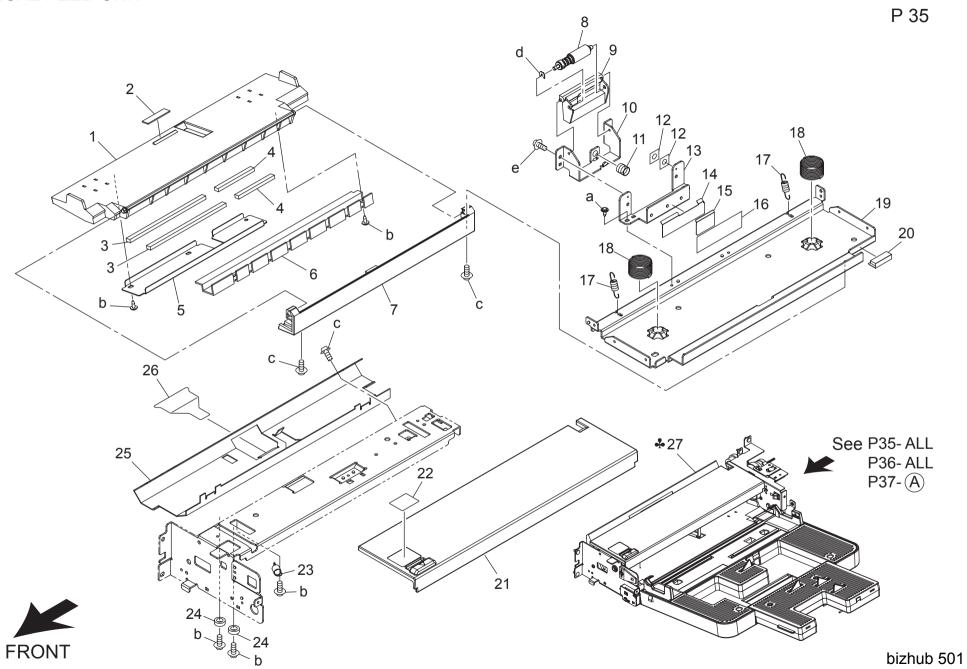


1 2 3 4 5	4030 3112 02 4131 3532 02 4037 0906 01	GUIDE PLATE BUSHING	ガイド板	D	1	1105 0001 01
3 4 5		LDLICHING		_		a-4425 3001 01
4 5	4037 0906 01		軸受	С	1	b-4425 3002 01 c-9735 0306 14
5		PHOTO INTERRUPTER	フォトインタラプター	В	4	d-9735 0306 14 d-9721 0400 01
-	4030 3128 01	BRACKET	取付板	D	1	e-1066 1151 01
6	4030 3042 02	FRAME	フレーム	D	1	
0	4030 3018 01	BRACKET	取付板	D	1	
7	1200 5212 04	PIN	ヒ°ン	D	1	
8	4030 3031 01	TORSION SPRING	ねじりコイルばね	С	1	
9	4030 3019 02	ACTUATOR	アクチュエータ	С	1	
10	1134 3041 01	COLLAR	カラー	D	1	
11	4030 3016 12	ACTUATOR	アクチュエータ	С	1	
12	4131 3003 01	BUSHING	軸受	C	5	
13	4030 3005 01	ROLLER	ローラ	A	2	
14	4030 3034 01	CLUTCH	クラッチ	C	2	
15	4425 3013 01	GEAR 30T	ギヤ 30 T	Č	1	
16	4030 3002 02	HOLDER	ホルダ	D	1	1
17	4030 3008 01	GEAR 29T	ギヤ 29 T	C	1	
18	50GA 4005 0	PAPER FEED SHAFT HOLDER	給紙軸受	Č		
19	50GA 8202 0	CONVEYANCE CLUTCH	搬送 クラッチ	Č		
20	4425 3016 01	GEAR 32T	TWE	C		
<u>20</u> 21	4030 3003 01	SHAFT	シャフト	D	1	4
		PIN	ヒッン	C	2	
22	1067 2501 01			D	1	
23	4040 3097 01	SHAFT	シャフト	_		
24	4030 3030 01	TORSION SPRING	ねじりコイルばね	C	1	
25	1065 3086 01	BUSHING	シ゛クウケ	С	1	
26	4030 3022 01	SHAFT	シャフト	D	1	
27	4030 3011 03	LEVER	レバー	C	1	
28	4030 3012 01	TORSION SPRING	ねじりコイルばね	С	1	
29	4040 3096 01	SHAFT	シャフト	D	1	
30	9322 1500 12	CLUTCH	クラッチ	С	1	
31	4030 3092 01	WASHER	ワッシャ	D	1	
32	4030 3064 01	GEAR 33T	ギヤ 33 T	С	1	
33	4030 3069 01	SLEEVE	スリーブ	D	1	
34	4030 3068 01	GEAR 26T	ギヤ 26 T	С	1	
35	4030 3063 01	BRACKET	取付板	D	1	
36	4030 3021 01	ROLLER	ローラ	С	1	
37	4030 3010 02	FRAME	フレーム	С	1	
38	50GA -400 0	LOWER PAPER ASSY	給紙 2 部組	S	1	
39	50GA -402 0	FRAME ASSY	フレーム ASSY	D	1	
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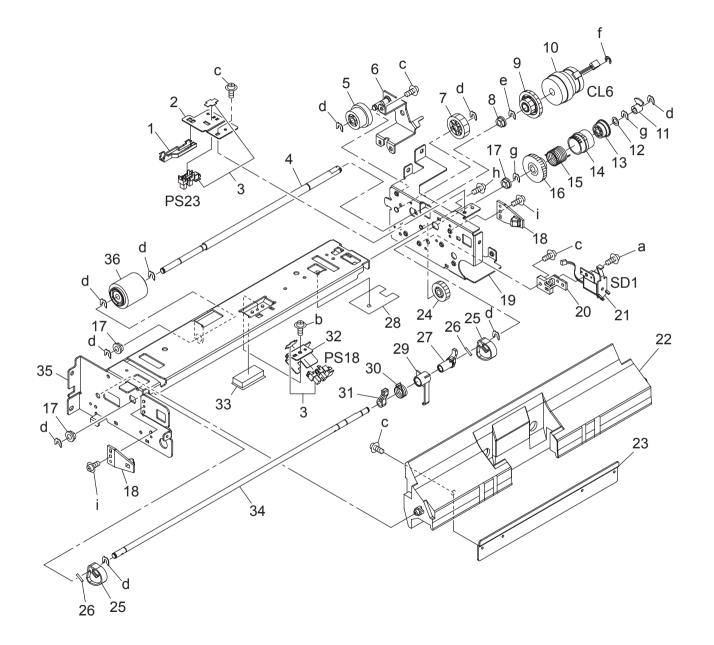
PAPER FEED UNIT



Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	A0R5 5611 00	Door	扉		С	1	a-9735 0306 14
2	4030 3079 01	GUIDE	ガイド		С	1	b-9743 0308 14 c-4425 3001 01
3	4030 3078 01	LEVER	レバー		С	1	d-4425 3001 01 d-4425 3002 01
4	4040 5612 00	Spacer	スペーサ		D	1	e-9646 0308 14
5	4030 3017 03	PRESSURE SPRING	圧縮コイルばね		С	1	f-9735 0308 14
6	4040 5610 00	Spacer	スペーサ		D	1	g-9739 0308 14
7	4030 3014 01	BRACKET	取付板		D	1	
8	4030 3039 01	SHAFT	シャフト		D	1	
9	4030 3013 01	HOLDER	ホルダ		D	1	
10	4030 3077 01	GUIDE	ガイド		D	1	
11	4030 0151 01	SEPARATION ROLLER ASSY	分離ローラ ASSY		А	1	1
12	4030 3105 01	GUIDE	ガイド		C	1	
13	4030 3124 03	GUIDE	ガイド		D	1 1	
14	4030 3125 01	TENSION SPRING	引張コイルばね		Č	2	
15	4030 3123 01	BRACKET	取付板		D	1	
16	4030 3129 03	REINFORCE PLATE	補強板		D	1	4
			取付板				
17	4030 3025 02	BRACKET			D	1	
18	4030 3036 01	GUIDE	ガイド		С	2	
19	4030 3095 01	GUIDE PLATE	ガイド板		С	1	
20	50GA 4007 00	FILM	スペーサ		С	1	
21	50GA 4006 00	CUSHION	防振材		С	1	
22	4030 3107 01	GUIDE	ガイド		С	1	
23	4030 3114 02	GUIDE PLATE	ガイド板		D	1	
24	4030 3116 01	TENSION SPRING	引張コイルばね		С	1	
25	4030 3135 01	LEVER	レバー		С	1	
26	4163 5293 01	SCREW	ねじ		С	3	
27	4030 3117 02	BRACKET	取付板		D	1	
28	A0R5 5630 00	Handle	取手		С	1	
29	1149 3454 01	PRESSURE SPRING	圧縮コイルばね		C	1	
30	4030 3115 01	LEVER	レバー		Č	1	
31	4030 3134 03	EARTH GROUND	アース		Č	1	
32	4030 3123 01	PRESSURE SPRING	圧縮コイルばね		č	2	
33	4030 3123 01	ROLL	ころ		Č	4	
34	4030 3122 01	SHAFT	シャフト		D	1	
34	4030 3121 01	SHAFT	7775		D	'	

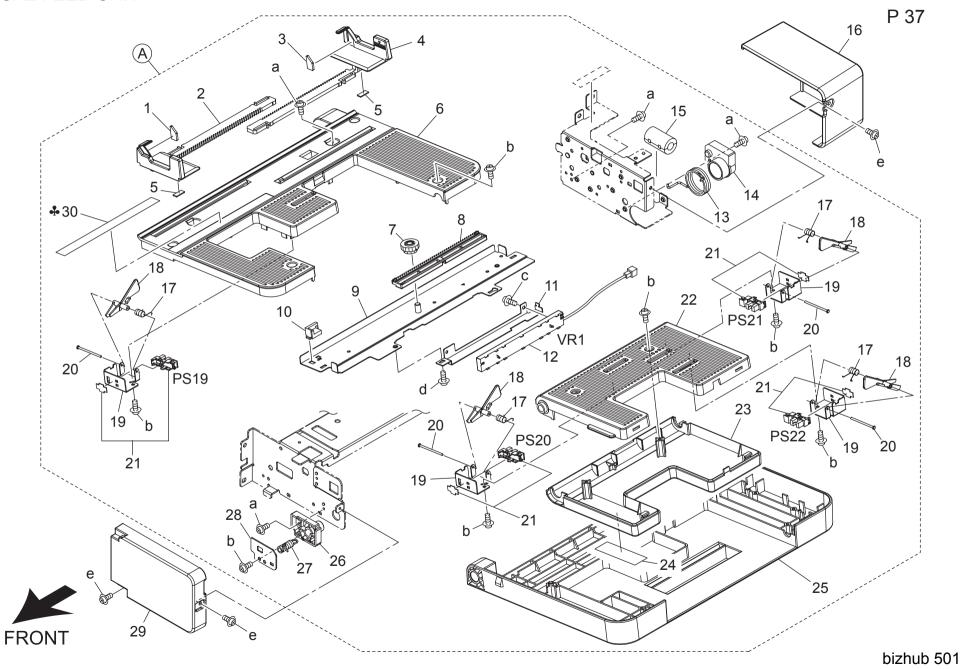


Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	A0R5 6009 00	Lifting Plate	押上げ板		D	1	a-V144 0308 03 b-V153 0308 03
2	4687 3281 01	FRICTION SHEET	摩擦板		С	1	b-V153 0308 03
3	4030 3477 01	SEAL	シール		С	2	c-V137 0308 03
4	4030 3476 01	SEAL	シール		С	2	d-V218 0300 86 e-V116 0306 03
5	4030 3456 01	REINFORCE PLATE	補強板		D	1	0 1110 0000 00
6	4030 3484 01	WEIGHT	重り		D	1	
7	A0R5 6025 00	Holder	ホルダ		D	1	
8	4034 0151 01	SEPARATION ROLLER	分離ローラ		Α	1	
9	4131 3053 02	HOLDER	ホルダ		D	1	
10	4030 3404 01	BRACKET	取付板		D	1	
11	4030 3475 01	PRESSURE SPRING	圧縮コイルばね		C	1	
12	4030 3492 01	SPACER	スペーサ		Č	2	
13	4030 3474 01	BRACKET	取付板		D	1	
14	4030 3402 01	GUIDE PLATE	ガイド板		C	1 1	
15	4030 3402 01	GUIDE	ガイド		C		
							4
16	4030 3489 01	SEAL	シール		С	1	
17	4030 3428 01	TENSION SPRING	引張コイルばね		С	2	
18	4030 3457 03	PRESSURE SPRING	圧縮コイルばね		С	2	
19	4030 3424 01	BRACKET	取付板		D	1	
20	4030 3448 01	CUSHION	クッション		С	1	
21	A0R5 6042 00	Cover /Upper	カバー/上		D	1	
22	A0R5 9421 01	Label	ラベル		С	1	
23	4030 3438 01	TENSION SPRING	引張コイルばね		С	1	
24	4030 3481 01	COLLAR	カラー		С	2	
25	4040 3496 01	GUIDE	ガイド		D	1	
26	4040 3495 01	GUIDE	ガイド		С	1	
27	A0R5 R703 00	Multi Bypath UNIT	マルチ手差しユニット	A	Č	1	
27	A0R5 R704 00	Multi Bypath UNIT	マルチ手差しユニット	B,G2	Č	1 1	
27	A0R5 R705 00	Multi Bypath UNIT	マルチ手差しユニット	C,D1,D3,E,F2,G1,I,K	C	1 1	
21	AURS R705 00	Multi Bypatii ONII	マルケチ差しユニット	C,D1,D3,E,F2,G1,1,K		!	
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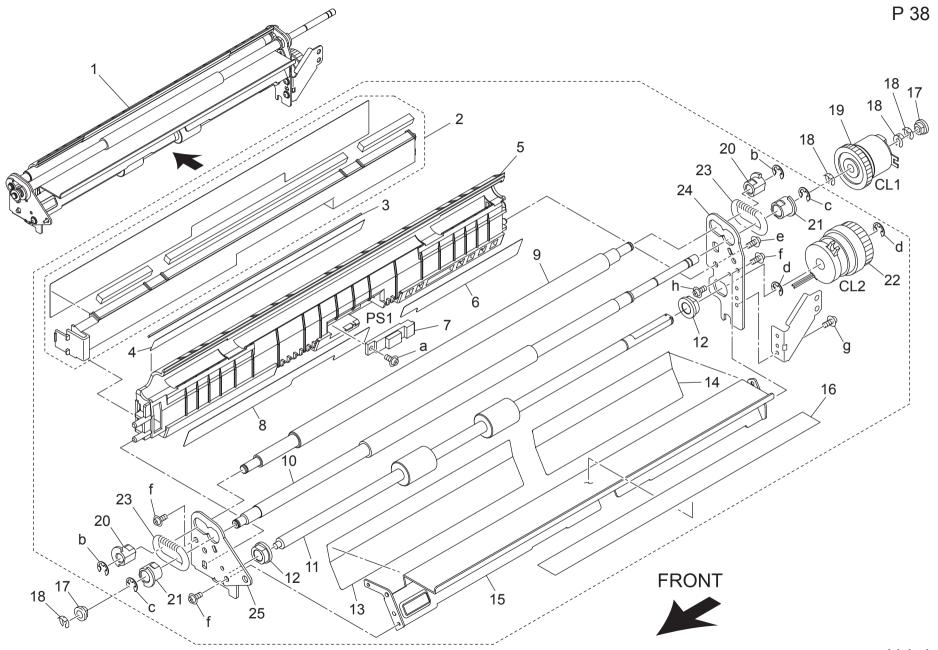




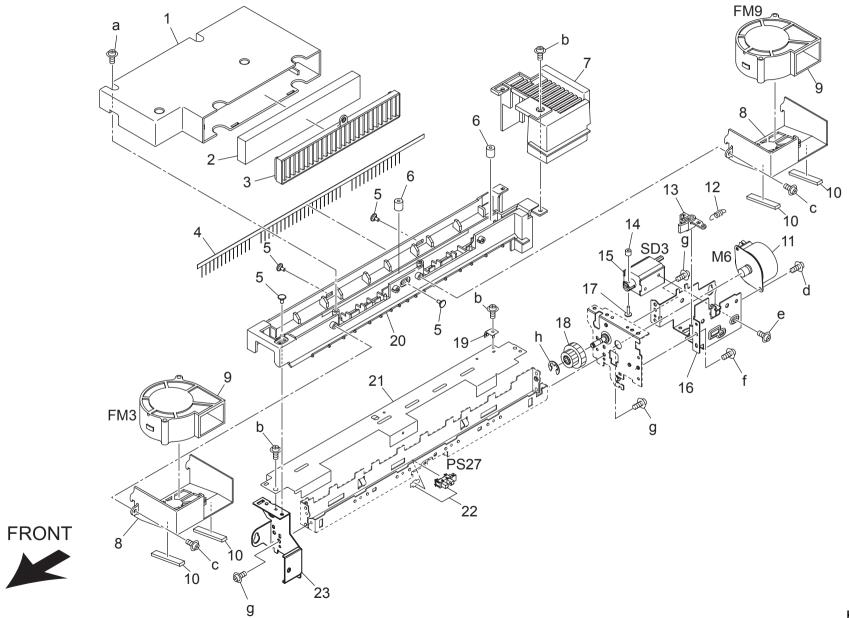
MANUAL FEED UNIT



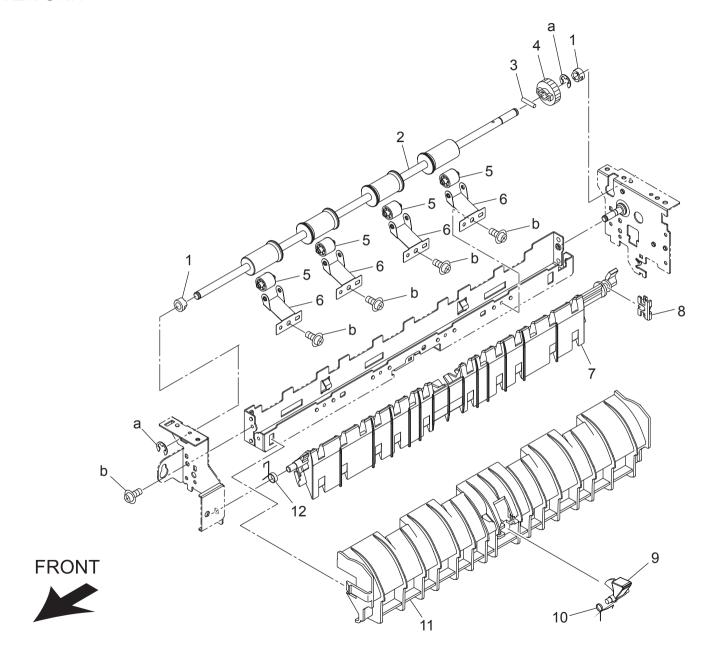
(ey	Part No.		Description	Destinations	Class	QTY	Standard parts
1	4030 3486 01	BRAKE	ブレーキ材		С	1	a-V137 0308 03
2	A0R5 6010 00	Regulating Plate	規制板		С	1	b-V153 0308 03
3	4030 3487 01	BRAKE	ブレーキ材		С	1	c-V116 0306 03
	A0R5 6011 00	Regulating Plate	規制板		C	1	d-V137 0306 03
	4131 4623 04	CLEANING PAD	クリーニングパッド		Č	2	e-V137 0308 04
-	A0R5 6066 00	Cover	カバー		C	1	_
	4030 3412 01	GEAR 13/18T	ギヤ 13/18 T		С	1	
	4030 3460 02	RACK	ラック		С	1	
	4030 0216 05	BRACKET ASSY	取付板 ASSY		D	1	
10	4030 3463 01	STOPPER	ストッパ		D	1	
11	4030 3455 02	BRACKET	取付板		D	1	
12	4037 6899 01	RESISTOR	テイコウキ		D	1	
	4030 3436 01	TORSION SPRING	ねじりコイルばね		С	1	
	4030 3472 01	HOLDER	ホルダ		Ď	1	
					D		
	9326 1910 31	FERRITE CORE	フェライトコア				
	A0R5 6026 00	Cover	カバー		С	1	
	4030 3446 01	TORSION SPRING	ねじりコイルばね		С	4	
18	4030 3415 02	ACTUATOR	アクチュエータ		С	4	
19	4030 3414 01	BRACKET	取付板		D	4	
	1134 3042 02	SHAFT	シャフト		D	4	
	4037 0906 01	PHOTO INTERRUPTER	フォトインタラプター		В	4	┪
					C	1	
	A0R5 6023 00	Tray					
	A0R5 6059 00	Cover	カバー		С	1	
	A0R5 9430 00	Label	ラベル		С	1	
	A0R5 6008 00	Tray	トレイ		С	1	
26	4030 3473 02	HOLDER	ホルダ		D	1	
	4030 3435 01	TORSION SPRING	ねじりコイルばね		С	1	
	4030 3437 01	BRACKET	取付板		D	l i	
	A0R5 6108 01	Cover /Front	カバー/前		C	1	
				_			
	4030 7306 02	SCALE METRIC	スケール メトリック	A	C		_
	4030 7308 02	SCALE INCH	スケール インチ	B,G2	С	1	
30	4030 7307 02	SCALE METRIC	スケール メトリック	C,D1,D3,E,F2,G1,I,K	D	1	



(ey	Part No.		Description	Destinations	Class	QTY	Standard parts
1	50GA -380 1	REGISTRATION ASSY	レジスト部組		С	1	a-V145 0308 03 b-V217 0400 50
2	50GA -382 0	REGISTRATION CLEANER ASSY	レジストクリーナー部組		С	1	b-V217 0400 50
3	50GA 3875 0D	Regist Dust-proof Part	レジスト防塵部材		С	1	c-V217 0500 50 d-V217 0600 50
4	50GA 3870 0E	Transfer Guide Sheet	転写ガイドシート		С	1	e-V151 0308 03
5	50GA 3854 1F	Regist Main body	レジスト 本体		D	1	f-1/144 0306 03
6	50GA 3858 1F	Paper feed Regulating Sheet	給紙規制シート		С	1	g-V123 0306 03 h-V121 0314 03
7	13QA 8552 1	SENSOR 2	センサ 2		В	1	h-V121 0314 03
8	50GA 3869 1F	Paper feed Regulating Sheet /Middle	給紙規制シート/中		Č	1	
9	50GA 3849 0	REGISTRATION ROLLER B	レジスト ローラ B		č	i i	
10	50GA 3848 0	REGISTRATION ROLLER A	レジストローラ A		B	1	
11	50GA 3865 0E	PAPER FEED CONNECTING ROLLER	給紙連結ローラ		В	1	
2	26NA 4082 0	PAPER FEED SLIDE BUSHING	給紙滑り軸受		В	2	
13	50GA 3879 0	REGIST GUIDE SHEET FRONT	レジストガイドシート 前		C	1	
4	50GA 3861 0	REJIST GUIDE SHEET FRONT	レンストガイトシート II レジストガイドシート 奥		C		
			レンストガイトシート 英 レジストガイド板		D		
5	50GA 3868 0E	Regist Guide Plate				1	
6	50GA 9749 0E	Drum Caution Label	ドラム注意ラベル		D	1	
7	13QA 7602 1	SHAFT HOLDER 2	軸受 2		С	2	
8	12QV 4066 0	SHAFT POSITIONING PART	軸位置決め部材		С	4	
9	57AA 8203 0	CONVEYANCE DRIVE CLUTCH	搬送駆動クラッチ		С	1	
)	26NA 4537 1	REGISTRATION UNIT SHAFT HOLDER /2	レジスト軸受/2		В	2	_
	26NA 4536 0	REGISTRATION UNIT SHAFT HOLDER /1	レジスト軸受/1		В	2	
2	50GA 8202 0	CONVEYANCE CLUTCH	搬送 クラッチ		С	1	
3	26NA 4514 1	REGISTRATION UNIT SPRING	レジストバネ		В	2	
1	50GA 3867 0E	REGIST SUPPORT PANEL /REAR	レジスト支持パネル/奥		D	1	
5	50GA 3813 0	REGIST SUPPORT PANEL FRONT	レジスト支持パネル/前		D	1	



ey	Part No.	Description Destinations			Class	QTY	Standard part
1	A0R5 8704 00	Cover	カバー		С	1	a-V153 0310 03
2	50GA 4406 0	PAPER EXIT SUCTION FILTER	排紙サクションフィルタ		Α	1	b-V136 0308 03 c-V153 0306 03 d-V135 0308 03 e-V116 0306 03
3	A0R5 8705 00	Cover /Right	カバー/右		С	1	c-V153 0306 03
4	4040 3833 02	NEUTRALIZING BRUSH	除電ブラシ		D	1	0-V135 0308 03
5	4011 5852 02	SHOULDER SCREW	段ねじ		C	4	f-V/137 0306 03
6	4498 3388 01	COLLAR	カラー		C	2	f-V137 0306 03 g-V121 0306 03 h-V218 0400 86
7	A0R5 8820 00	Cover /Upper	カバー/上		Ď	1	h-V218 0400 86
8	A0R5 8711 00	Cover	カバー		D	2	
9	9313 1100 33	FAN MOTOR	ファンモータ		C	2	
10	50GA 4407 0	PAPER EXIT SEAL /1	排紙 シール/1		Č	4	
11		MOTOR	パルスモータ		C	1	=
12	9314 1200 91	TENSION SPRING	引張コイルばね		C		
	4030 3810 01						
13	4030 3809 01	LEVER	レバー		C	1	
14	1200 2105 02	COLLAR	カラー		D	1	
15	9321 2200 32	SOLENOID	直流プランジャソレノイド		С	1	
16	4030 0207 04	BRACKET ASSY	取付板 ASSY		D	1	
7	4002 3779 01	PIN	ピン		D	1	
8	4030 3821 01	GEAR	ギヤ		С	1	
9	4030 3834 01	EARTH GROUND	アース		С	1	
0	A0R5 8703 00	Guide Part	ガイド材		D	1	
1	50GA 4402 0	MOUNTING STAY /RIGHT	取り付けステー/右		D	1	1
22	4037 0906 01	PHOTO INTERRUPTER	フォトインタラプター		В	1	
:3	50GA 4410 0E	Paper exit Panel /Front	排紙 パネル/前		D	1 1	
.0	300A 44 10 0L	Taper exit Faller/Front	17年 / ハイ・ノレン 日リ			'	
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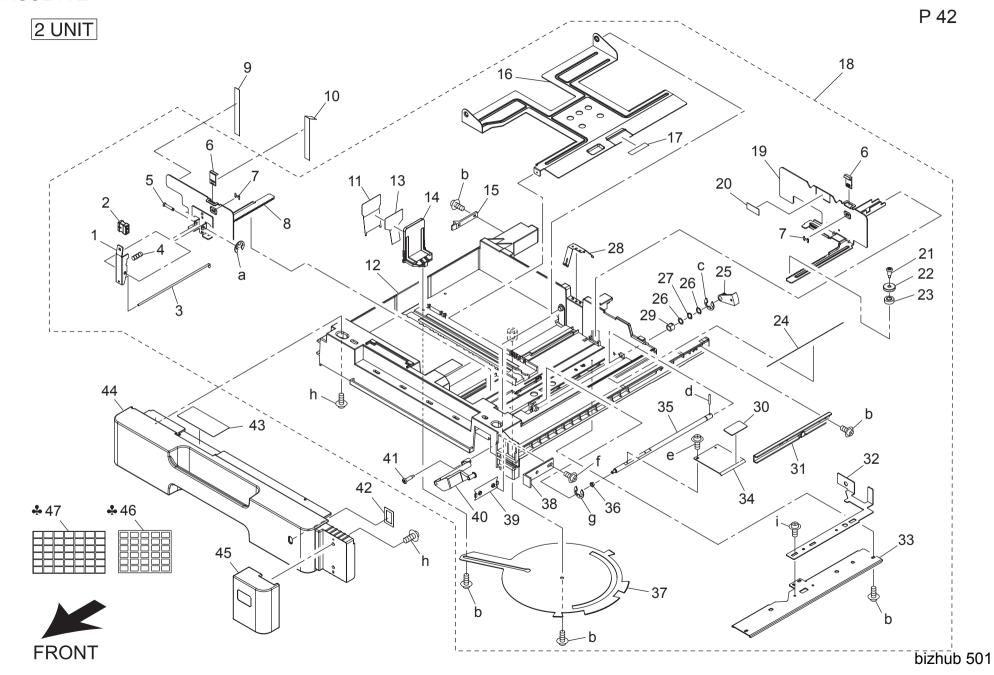


Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2 3	1139 3169 01 50GA 8601 00 4131 2536 02	BUSHING Paper exit Roller /1 PIN	軸受 排紙ローラ/ 1 ピン		C C C	2 1 1	a-V218 0400 86 b-V137 0306 03
4 5 6	4030 3826 01 4426 4411 02 4030 3817 01	GEAR ROLL PLATE SPRING	ギヤ ロール 板ばね		C C	1 4 4	-
7 8 9 10	4030 3807 03 4030 3823 01 4030 3818 02 4030 3819 01	GUIDE BUSHING ACTUATOR TORSION SPRING	ガイド 軸受 アクチュエータ ねじりコイルばね		D D C C	1 1 1 1	
11 12	4030 3805 02 4030 3808 01	GUIDE TORSION SPRING	ガイド ねじりコイルばね		D C	1	
							-
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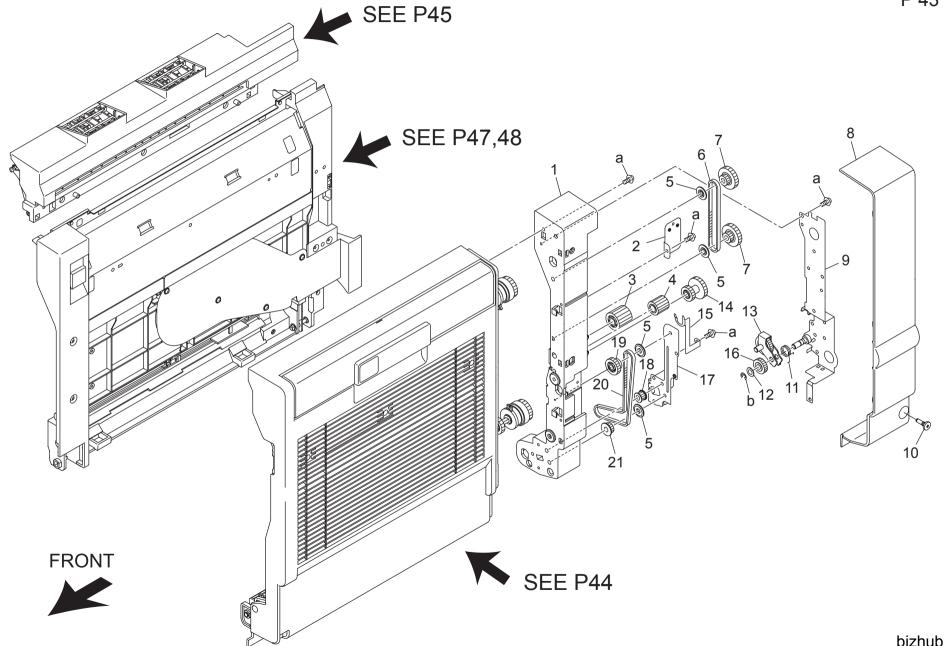
CONVEYANCE UNIT P 41 TSL 26 FRONT 22 23

COI	NVEYANC	E UNII					Page. 41
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	26NA 4552 0	STICKING PART	貼り部材		С	3	a-V121 0306 03 b-V111 0304 03 c-V151 0308 03
2	50GA 4571 0	PTL LIGHT BLOCKING SHEET	PTL 遮光シート		С	1	b-V111 0304 03
3	50GA -913 0	PTL	PTL		1	1	C-V151 U3U8 U3
4	50GA 4522 1	OPEN CLOSE LEVER 1	開閉レバー 1		С	1	
5	50GA 4533 0	LOCK SPRING 2	ロックバネ 2		С	1	
6	50GA 4535 1	CONVEYANCE HANDLE	搬送把手		С	1	
7	50GA 4521 0D	Conveyance Open/close Shaft	搬送開閉軸		D	1	
8	50GA 4553 0	CONVEYANCE COVER SHEET	搬送カバーシート		С	2	
9	50GA 4508 0	LIFTING PLATE	持ち上げ板		D	1	
10	26NA 4507 1	LIFT UP SPRING	持上げバネ		С	2	
11	26NA 4549 0	LIFTING SPRING 2	持ち上げバネ 2		С	2	
12	50GA 4575 0	CONVEYANCE COVER PART 5	搬送カバー部材 5		D	1	
13	50GA 4574 0	CONVEYANCE COVER PART 4	搬送カバ一部材 4		D	1	
14	50GA 4573 0	CONVEYANCE COVER PART 3	搬送カバー部材 3		D	1	
15	50GA 4558 0	CONVEYANCE COVER PART 1	搬送カバー部材 1		D	1	
16	50GA 4559 0	CONVEYANCE COVER PART 2	搬送カバー部材 2		D	1	
17	50GA 4532 0	LOCK SPRING 1	ロックバネ 1		С	1	
18	50GA 4531 1	OPEN CLOSE LEVER 2	開閉レバー 2		С	1	
19	26NA 4538 1	STOPPER PLATE	ストッパ板		D	2	
20	50GA 4539 0	CORD COVER	コードカバー		D	1	
21	50GA 4528 0	CONVEYANCE SUPPORT PLATE /2	搬送支持板/2		D	1	
22	50GA -450 0	CONVEYANCE UNIT	搬送ユニット		С	1	
23	50GA -452 0	CONVEYANCE COVER ASSY	搬送カバー部組		D	1	
24	56UA 9792 0	HIGE VOLTAGE CAUTION LABEL	高圧注意ラベル		С	1	
25	50GA 4565 0	EARTH SHAFT 1	アース軸 1		D	1	
26	50GA 4527 0	CONVEYANCE SUPPORT PLATE 1	搬送支持板 1		D	1	
27	50GA 4509 0	EARTH PLATE	アース板		D	1	-

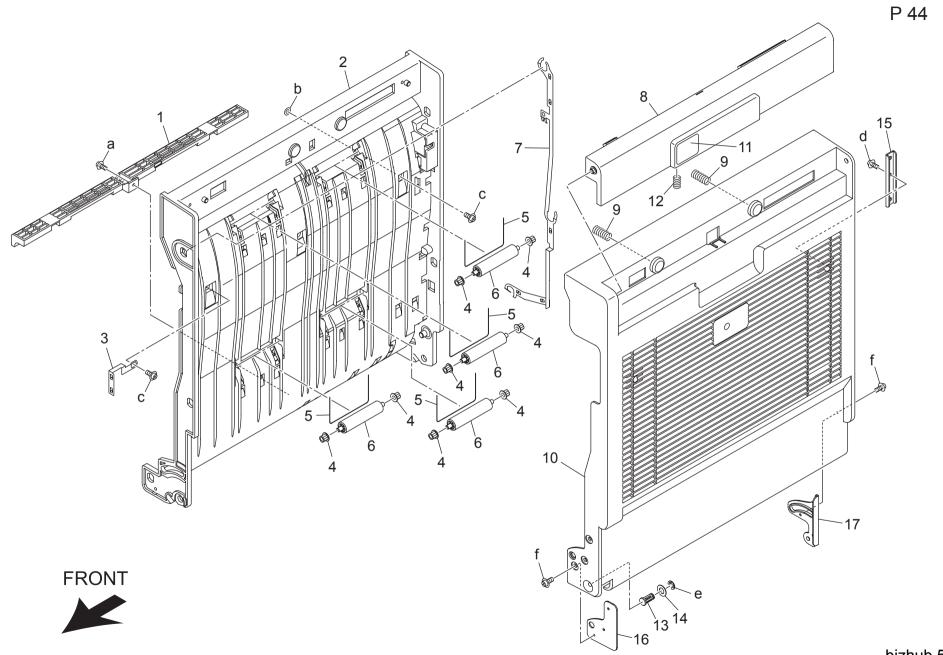
CASSETTE



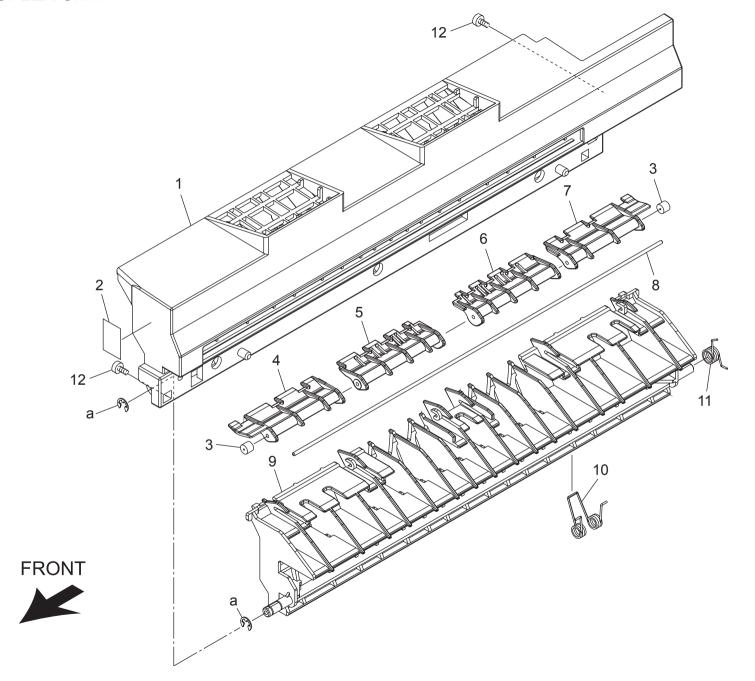
y Part No.		Description	Destinations	Class	QTY	Standard par
4128 3823 01	LEVER	レバー		С	1	a-4425 3002 01
4037 3204 01	KNOB	つまみ		С	1	b-V153 0308 03
4030 3217 01	SHAFT	シャフト		D	1	c-V217 0600 01
4498 3825 01	PRESSURE SPRING	圧縮コイルばね		С	1	d-V232 3025 09 e-V116 0308 03
4498 3826 01	SHAFT	シャフト		D	1	f-V137 0310 03
4658 3048 01	GUIDE	ガイド		С	2	g-V217 0300 01
4658 3049 01	STOPPER	ストッパ		С	2	ň-V153 0410 03
4030 3211 02	REGULATING PLATE	規制板		C	1	i-V144 0406 03
50GA 4009 00		規制材/ B		D	1	
50GA 4008 00		規制材/A		D	1	
4030 3228 12	GUIDE	ガイド		C	1	1
4030 3201 09	Cassette	カセット		Ď	1 1	
4030 3227 01	GUIDE	ガイド		Č		
4037 3213 12	REGULATING PLATE	規制板(後)		Č	1	
4498 3469 01	STOPPER	ストッパ		D		
4030 3203 01	LIFTING PLATE	押上板		C	1	4
		押上版 摩擦板				
A00J 6234 00	FRICTION PLATE			C	1	1
A0R5 A620 02		カセット ASSY		S	1	
4030 3212 01	REGULATING PLATE	規制板		С	1	
4002 7306 01	LABEL CARRYING CAPACITY	ラベル 積載量		C	1	
4030 3214 02	SHOULDER SCREW	段ねじ		С	1	
4030 3215 01	GUIDE	ガイド		D	1	
4658 3012 01	GEAR 14T	ギヤ 14 T		С	1	
4030 3222 03	GUIDE	ガイド		С	1	
4030 3207 01	ACTUATOR	アクチュエータ		С	1	
4011 3021 01	WASHER	ワッシャ		С	2	
4011 3020 01	WASHER	ワッシャ		С	1	
4030 3223 03	Earth ground	アース		С	1	
1274 3603 01	BUSHING	ジクウケ		С	1	
4030 3226 01	FRICTION SHEET	摩擦板		С	1	
4030 3229 02	REINFORCE PLATE	補強板		D	1	
4030 3216 01	BRACKET	取付板		D	1	
4030 3218 01	BRACKET	取付板		D	1	
4030 3206 01	LEVER	レバー		D	1	
4030 3205 01	SHAFT	シャフト		D	1	
0992 3014 01	BUSHING	ジクウケ		C	1	
4002 3108 01	LEVER	レバー		Č	1	
4030 6214 00	Stopper	ストッパ		C		1
4030 6214 00	Plate nut	板ナット		C		
A0R5 6221 00	Detecting Lever	検出レバー		C		1
4030 3224 02	SHOULDER SCREW	段ねじ		C	1	+
A0R5 6299 00	SHOULDER SCREW Seal	投ねし シール			1	1
		ンール ラベル ペーパー補給				1
A02E 9412 00	Label Paper Supply				1	
A0R5 1641 00	Cover	カバー		C	1	
A0R5 1651 00	Cover /Right	カバー/右	D 00	C	1	4
A0R5 9435 01	Label	ラベル	B,G2	С	1	1
A0R5 9434 01	Label	ラベル	A,C,D1,D3,E,F2,G1,I,K	С	1	



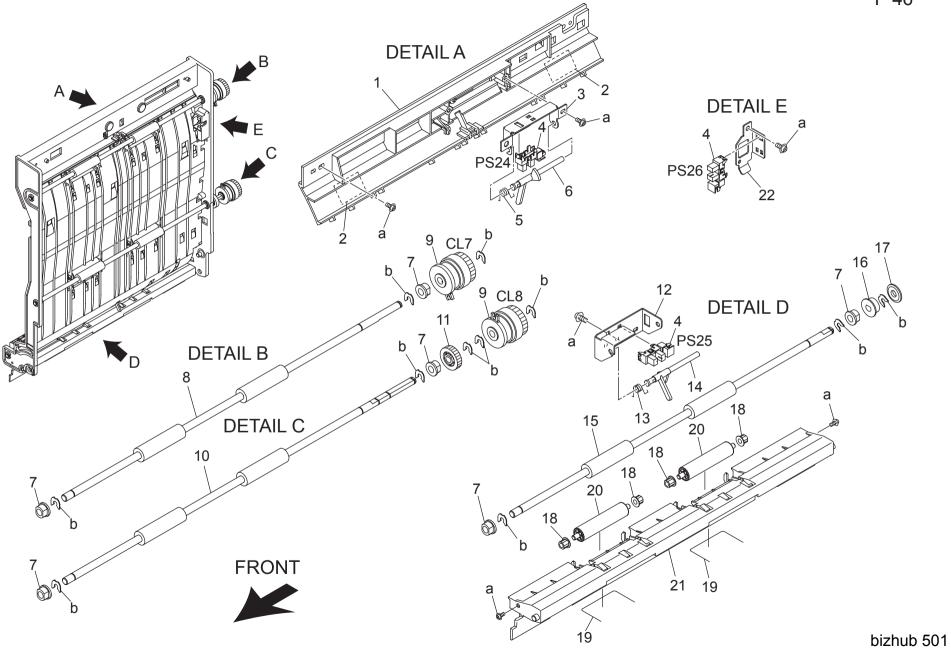
AU	TO DUPLEA UNIT						Page. 43
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	50GA 5031 0	ADU DRIVE MAIN BODY	ADU 駆動本体		D	1	a-9739 0308 14
2	50GA 5012 0	ADU SUPPORT PLATE	ADU 支持板		D	1	b-4425 3001 01
3	4030 3726 01	GEAR	ギヤ		С	1	
4	4030 3713 01	GEAR	ギヤ		С	1	
5	4030 3749 01	COLLAR	カラー		C	4	
6	50GA 5016 0	ADU DRIVE BELT UPPER 213L	ADU 駆動ベルト 上 213 L		С	1	
7	4030 3748 01	PULLEY	プーリ		C	2	
8	A0R5 8137 00	Drive Cover	駆動カバー		C	1	
9	50GA -519 0	DRIVE PLATE/1 CAULKING	駆動プレート/1 カシメ		Č	1	
10	4030 3710 01	SHOULDER SCREW	段ねじ		Č	1	
11	4030 3733 03	TORSION SPRING	ねじりコイルばね		Č	1	
12	50GA 5061 00	ROTATION SPACER	回転スペーサ		Č	1 1	
13	50GA -520 0	DRIVE PLATE 2CAULKING	駆動プレート/2カシメ		Č	1	
14	4030 3725 01	GEAR	ギヤ		C		
15	4030 3723 01	EARTH GROUND	アース		C		
16	50GA 5058 00	INPUT GEAR /1			C	1	-
			入力圏単/ ADU 駆動板/2			1	
17 18	50GA 5033 0 4657 3714 01	ADU DRIVE PLATE /2 ROLL	ころ 200 単列 位 2		D C	1 1	
_			プーリ		_	•	
19	4030 3744 01	PULLEY			С	1	
20	50GA 5017 0	ADU DRIVE BELT LOWER 312L	ADU 駆動ベルト 下 312 L		C	1	
21	4030 3745 01	PULLEY	プーリ		С	1	
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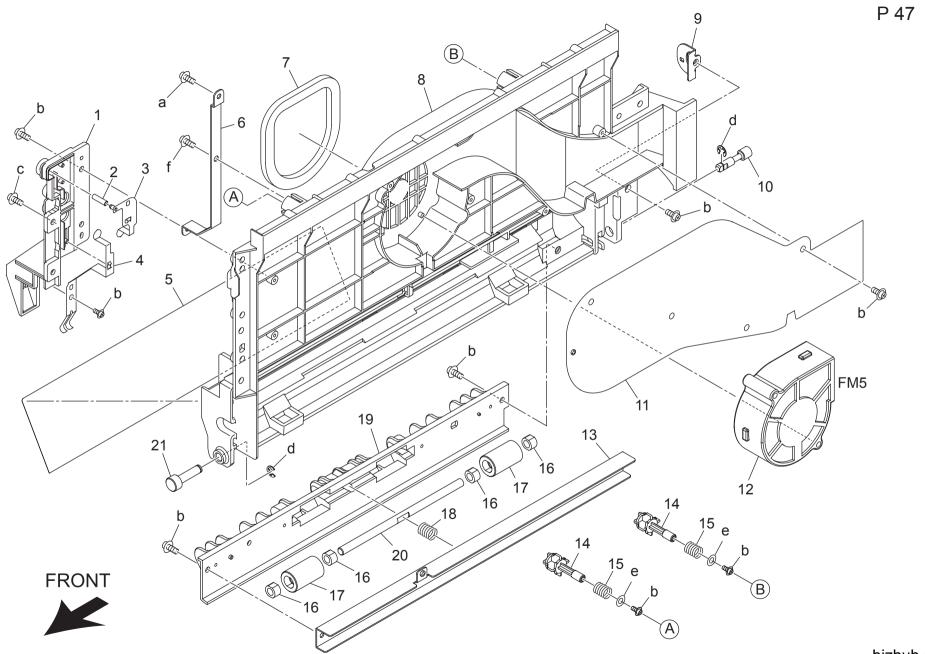
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	4030 3703 01	GUIDE	ガイド		D	1	a-9739 0308 14 b-V211 0400 80 c-V126 0410 03 d-V151 0306 03 e-V217 0400 50 f-V118 0304 03
2	A0R5 8129 00	Main body	本体		С	1	b-V211 0400 80
3	4030 3735 01	EARTH GROUND	アース		С	1	c-V126 0410 03
	50GA 5001 0	SHAFT ROLLER PART	軸転がり部材		Č	8	d-V151 0306 03
5	4497 3114 01	MEMBER	押之材		Č	4	e-V217 0400 50
							_ f-V118 0304 03
6	4497 3116 01	ROLL	<u>ころ</u>		С	4	
	50GA 5035 0	ADU EARTH PLATE 2	ADU アース板 2		С	1	
8	A0R5 8251 00	Lever	レバー		С	1	
9	4030 3755 01	PRESSURE SPRING	圧縮コイルばね		С	2	
10	A0R5 8130 00	Cover	カバー		С	1	
11	A0R5 9421 01	Label	ラベル		C	1	
	4661 3106 01	PRESSURE SPRING	圧縮コイルばね		č	i	
	4001 3100 01		12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
	4661 3150 01	PIN	ピン、		D	1	
	4661 3155 01	WASHER	ワッシャ		D	1	
15	50GA 5057 0	REINFORCE PLATE /2	補強板/2		D	1	
16	50GA 5055 0	REINFORCE PLATE /1	補強板/1		D	1	
	50GA -521 0	DOOR HINGE	ドアヒンジ		С	1	
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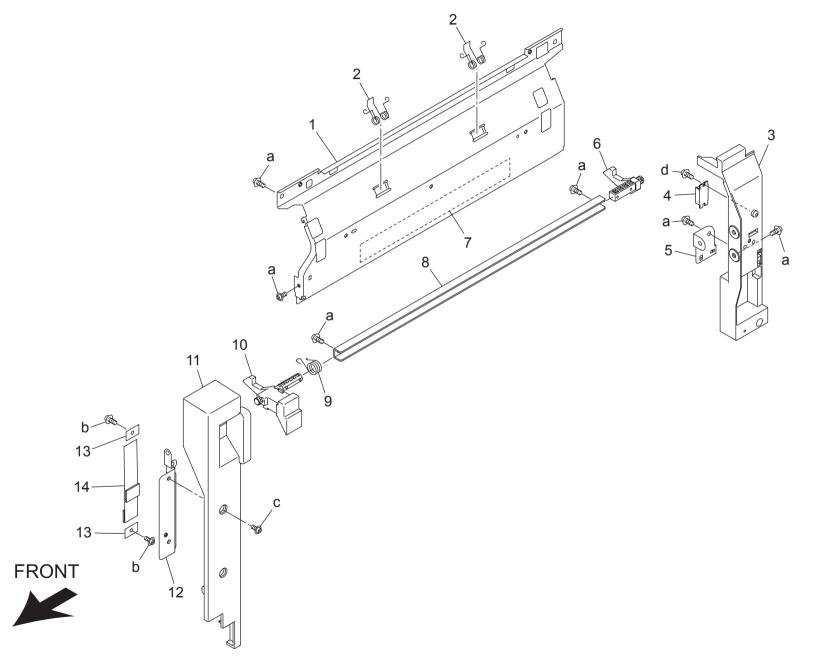
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Key	Part No.	Des	cription	Destinations	Class	QTY	Standard parts	
1	A0R5 8136 00	Entrance Guide	一入りロガイド		С	1	a-4425 3001 01	
2	A0R5 9428 00	Label	ラベル カラー ガイド		С	1		
3	1134 3041 01	COLLAR	カラー		D	2		
4	4030 3811 01	GUIDE	ガイド		D	1		
5	4030 3812 01	GUIDE	ガイド		D	1		
6	4030 3813 01	GUIDE	ガイド		D	1		
7	4030 3814 01	GUIDE	ガイド		D	1		
8	4030 3829 01	SHAFT	シャフト		D	1		
9	4030 3806 02	GUIDE	ガイド		D	1		
10	4030 3825 02	TORSION SPRING	ねじりコイルばね		С	1		
11	4030 3824 01	TORSION SPRING	ねじりコイルばね		С	1		
12	4011 5852 02	SHOULDER SCREW	段ねじ		С	2		
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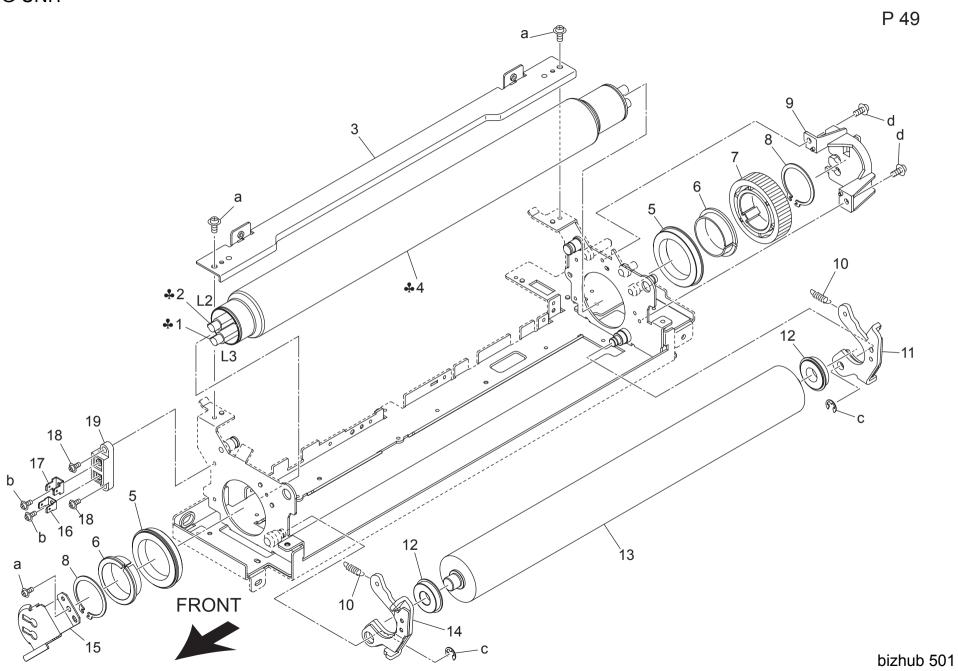
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
		Ovide // Inner	•	Destinations			-
1	A0R5 8206 00	Guide /Upper	ガイド/上		0.0	1	a-9739 0308 14 b-4425 3001 01
2	4030 3760 01	GUIDE	ガイド		С	2	5 4420 0001 01
3	4030 3739 01	BRACKET	取付板		D	1	
4	9335 1300 61	PHOTO INTERRUPTER	フォトインタラプタ		В	3	
5	4030 3738 03	TORSION SPRING	ねじりコイルばね		С	1	
6	4030 3737 01	ACTUATOR	アクチュエータ		С	1	
7	0928 3033 01	BUSHING	シ゛クウケ		С	6	
8	4030 3707 01	ROLLER	ローラ		С	1	
9	50GA 8203 0	ADU CLUTCH	ADU クラッチ		С	2	
10	4030 3708 01	ROLLER	ローラ		С	1	
11	4030 3743 02	GEAR	ギヤ		C	1	
12	4030 3742 01	BRACKET	取付板		D	1	
3	4030 3741 03	TORSION SPRING	ねじりコイルばね		C		
14	4030 3741 03	ACTUATOR	アクチュエータ		C		
	4030 3740 01	ROLLER			C		
15	4030 3709 01	RULLEN	ローラ			1	
16	4030 3750 01	PULLEY	プーリ		С	1	
7	4030 3749 01	COLLAR	カラー		C	1	
8	50GA 5001 0	SHAFT ROLLER PART	軸転がり部材		С	4	
19	4497 3114 01	MEMBER	押え材		С	2	
20	4497 3116 01	ROLL	ころ		С	2	
21	A0R5 8138 00	Paper exit Guide	排紙ガイド		С	1	
22	50GA 5041 0	FIXING PLATE	センサ固定板		D	1	
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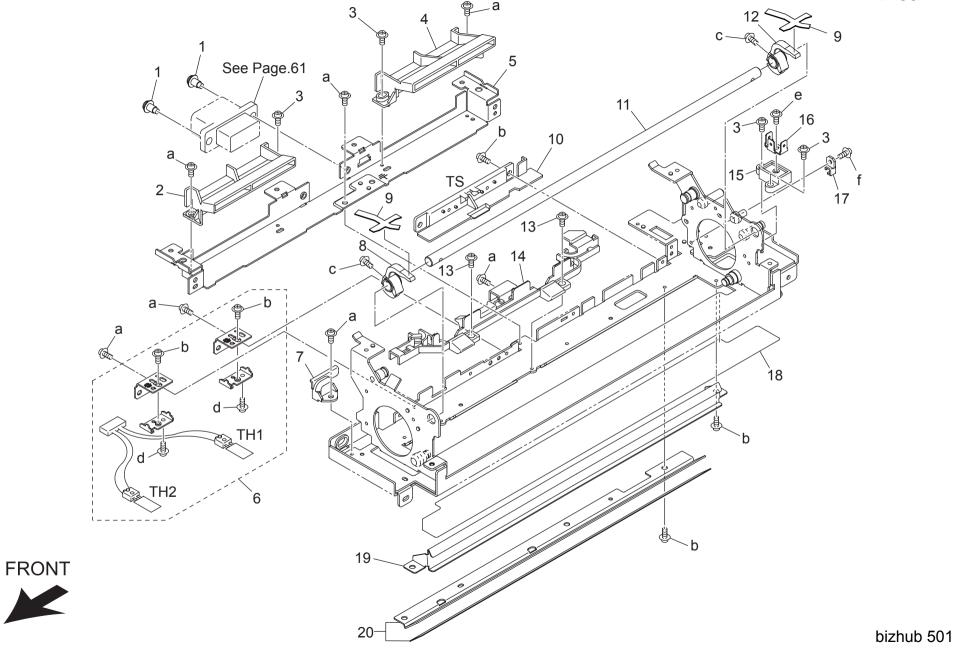
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Key	Part No.		Description	Destinations	Class	QTY	Standard parts	
1	50GA 5053 0	HV CASING	高圧ケーシング		С	1	a-V121 0306 03	
2	50GA 5047 0E	HV POWER SUPPLY SPRING	高圧給電バネ		С	1	b-9739 0308 14	
3	50GA -513 0	SHAFT SUPPORTING PLATE	軸支持板		С	1	c-V151 0312 03 d-V217 0400 50	
4	50GA 5051 0	TRANSFER POWER SUPPLY PLATE	転写給電板		С	1	e-V207 0400 03	
5	50GA 5056 0E	Conveyance Guide Sheet	搬送ガイドシート		С	1	f-V123 0314 03	
6	50GA 5049 0	CONVEYANCE CONNECTING PLATE	搬送連結板		D	1		
7	50GA 5010 0	DUCT CONNECTING PART	ダクト連結材		D	1		
8	A0R5 8102 00	Cover	カバー		С	1		
9	50GA 5048 0	DUCT SUPPLY PLATE	ダクト補給板		D	1		
10	50GA 5011 0	ADU CONNECTING SHAFT	ADU 連結軸		D	1		
11	50GA 5003 0	DUCT COVER PLATE	ダクトカバー板		D	1		
12	9313 1100 33	FAN MOTOR	ファンモータ		С	1		
13	50GA 5007 0	CONVEYANCE SUPPORT PLATE	搬送支持板		D	1		
14	50GA 4570 0	CONVEYANCE PRESSING PART	搬送押圧部材		С	2		
15	50GA 4572 0	CONVEYANCE PRESSING SPRING	搬送押圧バネ		Ċ	2		
16	25AA 7553 0	SLIDE SHAFT HOLDER	滑り軸受		C	4	1	
17	26NA 4256 0	BY PASS FEED DRIVEN ROLLER	手差し従動ローラ		Č	2		
18	50GA 5040 0	PAPER FEED CONVEYANCE SPRING	給紙搬送バネ		Č	1		
19	50GA 5006 0	ADU PAPER EXIT PLATE	ADU排紙板		D	1		
20	50GA 5000 0	PAPER FEED IDLER SHAFT	給紙従動軸		D	1		
21	50GA 5008 0	ADU SUPPORT SHAFT	ADU支点軸		D	1	1	
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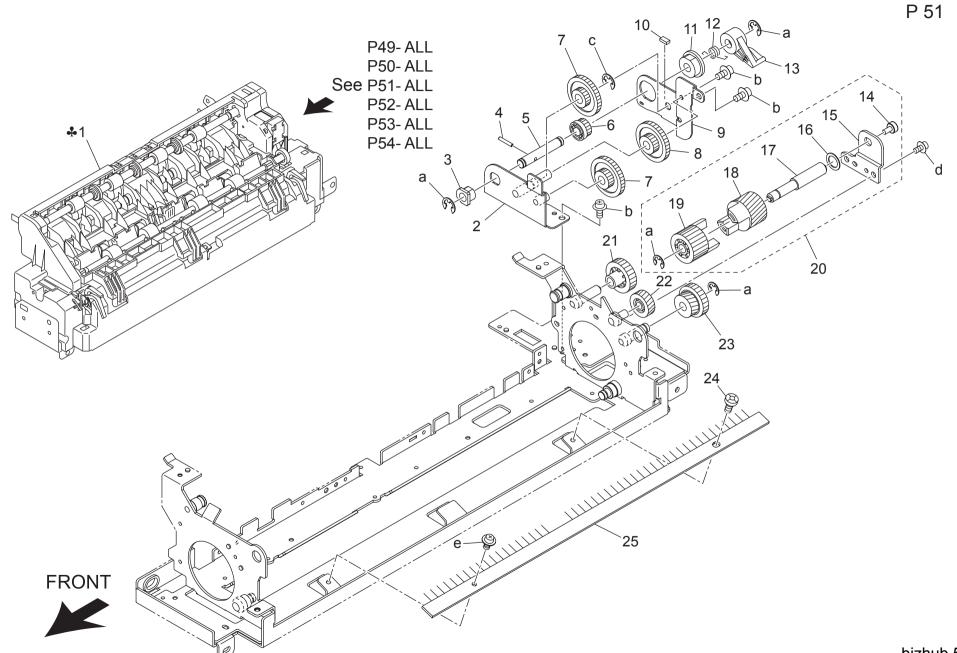
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2 3 4 5 6 7 8 9 10	50GA 5028 0 50GA 5045 0 50GA 5004 1F 40AA 3229 0 50GA 5027 0 4030 2022 01 50GA 9746 0 4030 2023 01 50GA 5062 00 AORS 8221 00 AORS 8105 00	FIXING COVER PLATE FIXING PRESSING SPRING ADU DOOR /REAR MAGNET CATCH ADU EARTH PLATE 1 PAWL HIGH TEMP CAUTION LABEL BRACKET LOCK SPRING Lock Claw /Front Door /Front	定着カバー板 定着押圧パネ ADU 扉/奥 マグネットキャッチ ADUアース板 1 爪 高温注意ラベル 取付板 ロックばね ロックボ/前 扉/前			1 2 1 1 1 1 1 1 1 1	a-9739 0308 14 b-9735 0306 14 c-V127 0306 03 d-9732 0308 14
12 13 14	50GA 5009 0 50GA 5014 0 50GA 5015 0	ADU REINFORCE PLATE BELT REINFORCE PLATE ADU OPEN CLOSE BELT	A DU 補強板 ベルト補強板 A D U 開閉ベルト		D D C	1 2 1	
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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	50GA M33A 00	FIXING HEATER /2	定着ヒータ/2	A	I	1	a-V121 0304 03
1	50GE 8303 1	FIXING HEATER 2	定着ヒータ 2	B,G2	1	1	b-V122 0306 03
1	50GF 8303 1	FIXING HEATER 2	定着ヒータ 2	C,D1,D3,E,F2,G1,I,K	I	1	c-V217 0400 50
2	50GA M32A 00	FIXING HEATER /1	定着ヒータ/1	A	1	1	d-V123 0306 03
2	50GE 8302 1	FIXING HEATER 1	定着ヒータ 1	B,G2	I	1	
2	50GF 8302 1	FIXING HEATER 1	定着ヒータ 1	C,D1,D3,E,F2,G1,I,K		1	1
3	50GA 5454 0	REINFORCE STAY	補強ステー	-,,,,,,-	D	1	
4	50GA 5303 0	FIXING ROLLER UPPER	定着 ローラ/上	A	Ā	1 1	
4	50GE 5303 0	FIXING ROLLER UPPER	定着ローラ/上	B,C,D1,D3,E,F2,G1,G2,I .K	Ä	1	
5	26NA 5371 2	BALL BEARING	定着 軸受 上	,	Α	2	
6	26NA 5372 0	HEAT INSULATING SLEEVE A	断熱スリーブ A		A	2	
7	50GA 5406 0	FIXING GEAR 46T	定着歯車 46T		В	1	
8	26NA 5362 0	FIXING FIXED PART	定着固定部材		C	2	
9	50GA 5390 0	LAMP SUPPORT PART REAR	ランプ支持部材 奥		C	1	
					C	-	
10	50GA 5360 0	PRESSURE SPRING	圧着バネ			2	4
11	50GA 5308 0	PRESSING ARM /REAR	押圧アーム/奥		C	1	
12	50GA 5359 0	FIXING BEARING LOWER	定着軸受/下		A	2	1
13	50GA 5304 0	FIXING ROLLER LOWER	定着 ローラ/下		A	1	
14	50GA 5307 0	PRESSING ARM /FRONT	押圧アーム/前		С	1	
15	50GA 5389 0	LAMP SUPPORT PART /FRONT	ランプ支持部材/前		D	1	
16	40AA 5347 0	TERMINAL PLATE 1	端子板 1		D	1	
17	26NA 5374 0	TERMINAL PLATE A	端子板 A		D	1	
18	26NA 5423 0	TERMINAL FIXING SCREW	端子固定ネジ		C	2	
19	26NA 5377 0	TERMINAL PEDESTAL A	端子台 A		Ď	1	
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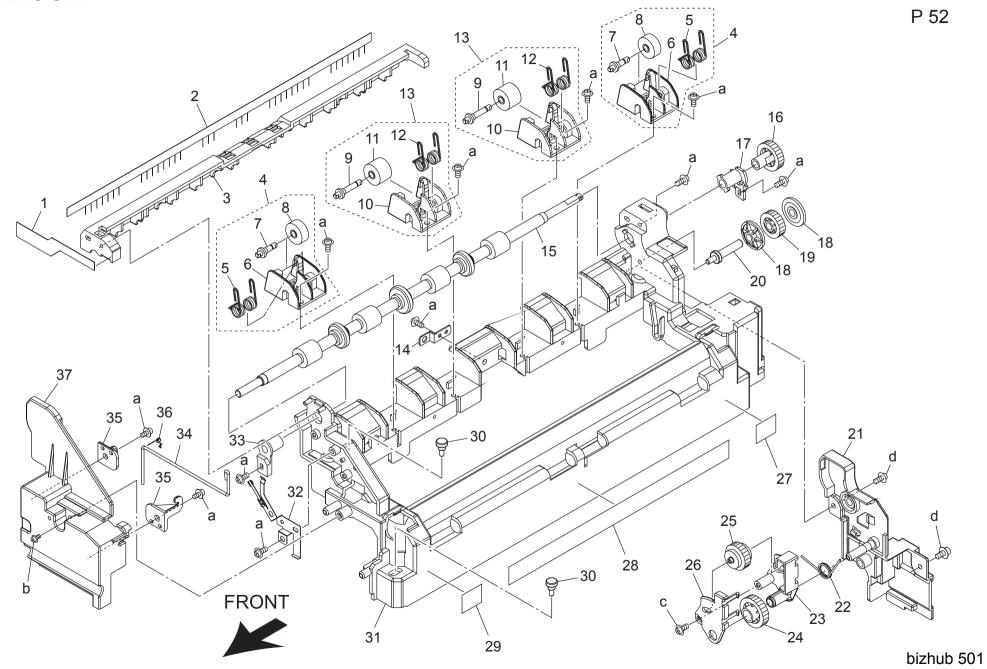


Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	26NA 5403 0	MOUNT SCREW	取り付けネジ		С	2	a-V121 0304 03
2	50GA 5452 0	ROLLER COOLING DUCT FRONT	ローラ冷却ダクト 前		D	1	b-V123 0306 03
	26NA 5423 0	TERMINAL FIXING SCREW	端子固定ネジ		C	4	c-V118 0406 03
	50GA 5453 0	ROLLER COOLING DUCT REAR	ローラ冷却ダクト 奥		D	1	c-V118 0406 03 d-V123 0310 03
5	50GA 5450 0	CLEANER SUPPORT PART /2					e-V122 0306 03
-		CLEANER SUPPORT PART /2	クリーナー支持部材/2		D	1	f-V111 0304 03
	50GA -544 0	FIXING SENSOR ASSY	定着センサ部組		Α	1	
	50GA 5494 0	COVER PART	カバー部材		С	1	
8	50GA 5451 0	RELEASE LEVER FRONT	解除レバー		С	1	
9	50GA 5464 0E	Lever Insulating Part	レバー断熱部材		D	2	
10	SP00 -011 2	FUSE MOUNTING PLATE ASSY 26NA 535	ヒューズ部組		Α	1	
	50GA 5442 0	FIXING PRESSING STOPPER	定着押圧ストッパ		D	1	
	50GA 5474 0	RELEASE LEVER REAR	解除レバー 奥		C	1	
	40LA 5443 0	TERMINAL FIXING SCREW 2	端子固定ネジュ		С	2	
	50GA 5405 0	WIRING GUIDE PART B	束線ガイド部材 B		D	1	
15	50GA 5378 0	TERMINAL PEDESTAL B	端子台 B		С	1	
16	26NA 5428 0	TERMINAL PLATE	端子板		D	1	
	26NA 5321 1	WIRING GUIDE PART A	束線ガイド部材 A		D	1	
	50GA 5336 0	FIXING INSULATING SHEET C	定着断熱シート/ C		D	l i	
	50GA 5365 1E	FIXING INSOLATING STILL TO	定着進入板		D	1	
		FIXING ENTRANCE PLATE FIXING ENTRANCE PLATE 2 ASSY	足有進入版 定着進入板/2部組		C	1	
20	50GA -548 0	TIAING ENTRANGET EATE 2 AGOT	足有足八饭, 乙即旭			<u>'</u>	-
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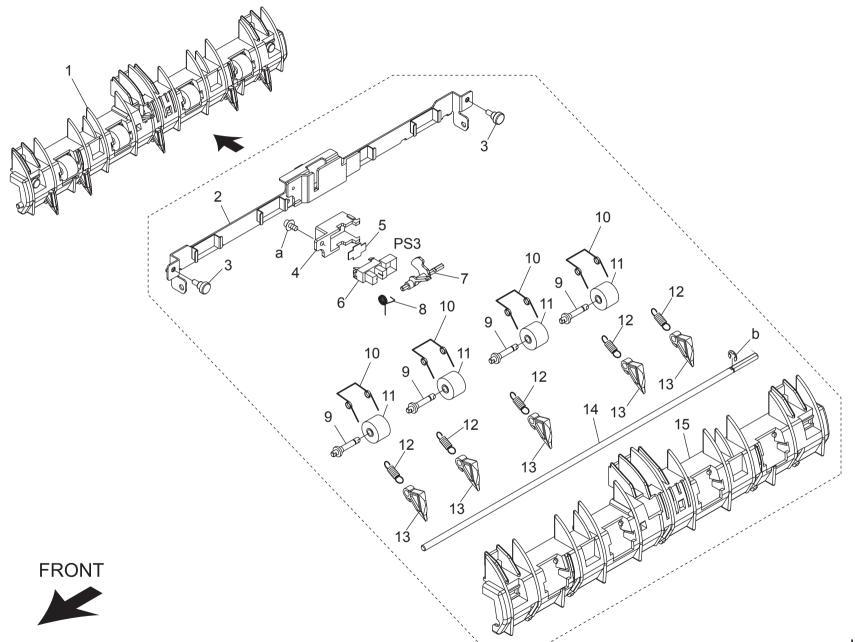


Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	50GA -530 0	FIXING UNIT	定着ユニット	A	1	1	a-V217 0400 50
1	50GA -530 0 50GE -530 0	FIXING UNIT	た有ユーツト 定着ユニット	B,G2			b-V121 0304 03
		FIXING UNIT					c-V217 0500 50
1	50GF -530 0		定着ユニット	C,D1,D3,E,F2,G1,I,K	1		d-V123 0306 03
2	50GA -543 0	AUXILIARY PART CAULKING	補助部材カシメ		D	1	e-V123 0306 03
3	1921 4171 0	PAPER LIFT UP LEVER BUSHING	ペーパー押し上げレバー軸受		В	1	
4	4660 7801 0	PIN A D2X10	ピン A D2X10		В	1	
5	50GA 5330 0D	Cleaner Idling Shaft /A	クリーナーアイドラー軸/ A		D	1	
6	26NA 5346 0	CLEANER GEAR A 18T	クリーナーギア A 18 T		С	1	
7	26NA 5429 0	FIXING DRIVING GEAR D 18T 44T	定着駆動歯車 D 18T 44T		В	2	
8	50GA 5429 0	FIXING DRIVE GEAR D 44T 14T	定着駆動歯車 D 44T 14T		В	1	
9	50GA 5417 0	AUXILIARY PART	補助部材		D	1	
10	26NA 5424 0	LEVER STOPPER PART	レバーストッパ部材		D	1	
11	26NA 5384 0	FIXING CLEANER SHAFT HOLDER C	定着清掃軸受 C		C	1	
	26NA 5329 0	LEVER SPRING	レバーバネ		Č	1	
13	50GA 5404 0	FIXING CLEANING LEVER	定着清掃レバー		C		
14	50GA 5485 0	GEAR REGULATING SHAFT	ギア規制軸		D	1	-
					_		
	50GA 5484 0	MOUNTING PLATE	取り付け板		D	1	
16	50GA 7296 00	FUSING SPACER	定着スペーサ		С	1	
	50GA 5483 0D	Idling Shaft /D	アイドラー軸/ D		D	1	
18	50GA 5493 1E	FIXING INPUT GEAR 19T	定着入力ギア 19 T		В	1	
19	50GA 5473 1E	FIXING INPUT GEAR /2 19T	定着入力ギア/2 19 T		В	1	
20	50GA -546 1	FIXING INPUT GEAR ASSY	定着入力ギア部組		Α	1	
21	4040 5758 01	GEAR /20T	ギヤ/20T		С	1	
	50GA 5470 0	FIXING IDLING GEAR B 15T	定着アイドラーギア B 15 T		В	1	
23	50GA 5469 0	FIXING IDLING GEAR A 14T 20T	定着アイドラーギア A 14 T 20 T		В	1	
24	26NA 5419 0	FIXING GUIDE SCREW	定着ガイドネジ		C	1	
25	26NA 5414 0	NEUTRALIZING BRUSH	除電ブラシ		Č	1	
23	2011/1 3414 0	NEOTIVALIZINO BIOGIT			C	'	
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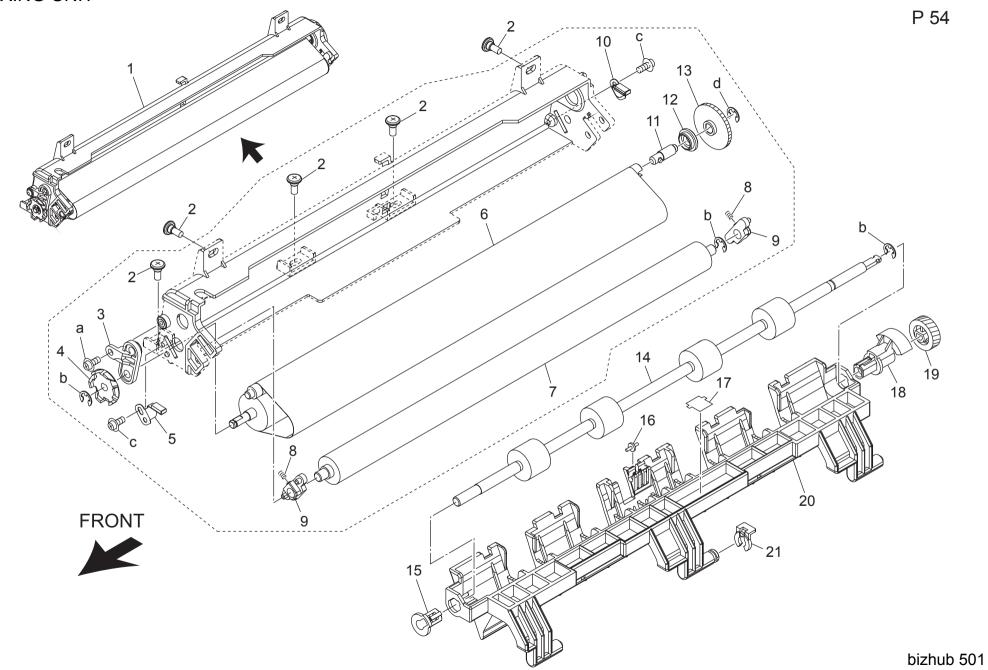
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Key	Part No.		Description	Destinations	Class	QTY	Standard parts		
1	4030 5847 01	NETURALIZING MEMBER	除電部材		С	1	a-V151 0308 03		
2	4030 5823 01	NEUTRALIZING BRUSH	除電ブラシ		С	1	b-V123 0308 03		
3	4030 5839 03	HOLDER	ホルダ		D	1	c-9739 0308 14 d-V151 0308 04		
4	4040 R707 00	EXIT ROLL HOLDER 2 ASSY	排紙コロホルダ2 Assy		Α	2	u-v 131 0300 0 4		
5	4030 5858 01	TORSION SPRING	ねじりコイルばね		С	2			
6	4030 5855 01	HOLDER	ホルダ		D	2			
7	4030 5857 01	SHAFT	シャフト		D	2			
8	4030 5854 01	ROLL	ころ		С	2			
9	4030 5856 01	SHAFT	シャフト		D	2			
10	4030 5843 02	HOLDER	ホルダ		D	2			
11	4030 5805 03	ROLL			С	2			
12	4030 5806 01	TORSION SPRING	ねじりコイルばね		С	2			
13	4040 R706 00	EXIT ROLL HOLDER 1 ASSY	排紙コロホルダ1Assy		A	2			
14	4030 5848 01	POSITIONING PLATE	位置決め板		D	1			
15	4030 5802 01	ROLLER	ローラ		C	1	_		
16	4030 5812 01	GEAR 21T	ギヤ 21 T		С	1			
17	4030 5840 02	BUSHING	軸受		C	1			
18	4030 5844 02	COLLAR	カラー			2			
19	4030 5836 01	GEAR 19T	ギヤ 19T		C				
20 21	4030 5845 02 50GA 5482 0	SHOULDER SCREW FIXING COVER REAR	投ねじ 定着カバー 奥		C	1 1	_		
21	4030 5821 02	TORSION SPRING	定有ガバー 奥 ねじりコイルばね		C	1 1			
23	4030 5821 02	HOLDER	ねしりコイルはね ホルダ		D				
23 24	4030 5820 03	GEAR 19T	ボルタ ギヤ 19 T		C	1			
25	4030 5817 02	GEAR 191 GEAR 19T	ギヤ		C	1			
26	4030 5817 02	HOLDER	ホルダ		D	1	-		
27	50GA 9748 0E	Lever Indicating Label /Rear	レバー表示ラベル/奥		C	1			
28	50GA 9746 0L 50GA 9746 0	HIGH TEMP CAUTION LABEL	高温注意ラベル		Č				
29	50GA 9747 0E	Lever Indicating Label /Front	レバー表示ラベル/前		Č				
30	4030 5827 01	SHOULDER SCREW	段ねじ		C	2			
31	50GA 5487 0	FIXING CASING	定着ケーシング		D	1	-		
32	50GA 5492 0	EARTH PLATE	アース板		c	1			
33	4030 5842 01	BUSHING	軸受		Č	1			
34	50GA 5461 1	CLEANER LOCK SHAFT	クリーナーロック軸		Ď	1			
35	50GA 5462 0	SHAFT SUPPORT PART	軸支持部材		c	2			
36	50GA 5463 0	CLEANER LOCK SPRING	クリーナーロックバネ		C	1			
37	50GA 5481 0	FIXING COVER FRONT	定着カバー 前		Č	1			
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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	50GA -533 0	FIXING CLAW ASSY	定着爪部組		A	1	a-V151 0308 03 b-V217 0300 50
2	4030 5750 03	BRACKET	取付板		D	1	b-V217 0300 50
3	4030 5827 01	SHOULDER SCREW	段ねじ		С	2	
4	4030 5808 02	HOLDER	ホルダ		D	1	
5	4470 4024 01	STOPPER	ストッパ		D	1	
	4470 4024 01	STUPPER DUOTS INTERPRIENTED	AF 7/1				
6	9335 1300 61	PHOTO INTERRUPTER	フォトインタラプタ		В	1	
7	4030 5809 02	ACTUATOR	アクチュエータ		С	1	
8	4030 5810 02	TORSION SPRING	ねじりコイルばね		С	1	
9	4030 5856 01	SHAFT	シャフト		D	4	
10	50GA 5495 0	ROLLER PRESSING SPRING	ローラ押圧バネ		C	4	
11	4000 F00F 00	ROLL	ころ				_
	4030 5805 03				С	4	
12	4030 5717 01	TENSION SPRING	引張コイルばね		С	5	
13	50GA 7227 00	FIXING CLAW	定着 爪		С	5	
14	4030 5753 01	SHAFT	シャフト		D	1	
15	50GA 5486 0E	CONVEYANCE GUIDE PART /LEFT	搬送ガイド部材/左		D	1 1	
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FIXING UNIT



1 50GA -540 0 FIXING CLEANER ASSY	1 1/							Page. 54
2 27LA 5419 0 FIXING GUIDE SCREW 定着ガドキジ C 5 b-V217 04 3 50GA 5351 0 FIXING CLEANING BUSHING 定着清掃軸受 C 1 cV151 03 C 1 1 5 dQLA R707 00 REGULATING PLATE FRONT ASSY 規制板/前 部組 C 1 1 6 50GA 5343 0 WEB C 1 0 1 1 0 1 0 1 1 0 1 1 0 1 1 1 0 1 1 1 0 1 1 1 1 1	Key	Part No.	Desc	cription	Destinations	Class	QTY	Standard parts
2 27LA 5419 0 FIXING GUIDE SCREW 定着ガイキジ C 5 b-V217 04 3 50GA 5351 0 FIXING CLEANING BUSHING 定着清掃軸受 C 1 cV151 03 C 1 d-V217 03 cV151 03 cV151 03 cV151 03 cV151 03 cV151 03 cV151 03 cV217	1	50GA -540 0	FIXING CLEANER ASSY	定着クリーナー部組		Α	1	a-V121 0306 03
3	2	27LA 5419 0	FIXING GUIDE SCREW	定着ガイドネジ		С	5	b-V217 0400 50
4 50GA 5460 0 CLEANER LOCK GEAR タリーナーロックギア BCGLIATING PLATE FRONT ASSY 規制板/前 部組 C 1 1 6 50GA 5343 0 WEB ウェッブ 定着清掃ローラ B 1 8 26NA 5349 0 FIXING CLEANER ROLLER クリーナー押圧パネ B 2 2 9 26NA 5349 0 FIXING CLEANER SHAFT HOLDER A 定着清掃軸受 A C 2 2 1 1 1 50GA 556 0 CLEANER DRIVING SHAFT ASSY クリーナー駆動軸部組 C 1 1 1 50GA 556 0 CLEANER DRIVING SHAFT ASSY クリーナーアドア B 3 4 T C 1 1 2 26NA 5330 0 FIXING CLEANER DRIVING SHAFT ASSY クリーナーアドア B 3 4 T C 1 1 4 4030 5803 01 ROLLER GEAR B 34T クリーナーギア B 3 4 T C 1 1 1 5 50GA 5547 0 CLEANER GEAR B 34T クリーナーギア B 3 4 T C 1 1 1 5 4030 5811 01 BUSHING BUSHING B B 1 1 1 1 1 5 4030 5811 01 BUSHING B B 1 1 1 1 5 4030 5841 01 ROLLER B B 1 1 1 1 5 4030 5841 01 ROLLER B B 1 1 1 1 5 4030 5841 01 ROLL B B 1 1 1 1 5 4030 5841 01 ROLL B B 1 1 1 1 5 4030 5841 01 ROLL B B 1 1 1 1 5 4030 5841 01 ROLL B B 1 1 1 1 5 4030 5841 01 ROLL B B 1 1 1 1 5 4030 5841 01 ROLL B B 1 1 1 1 5 4030 5841 01 ROLL B B 1 1 1 1 5 4030 5841 01 ROLL B B 1 1 1 1 5 4030 5841 01 ROLL B B 1 1 1 1 5 4030 5841 01 ROLL B B 1 1 1 1 5 4030 5841 01 ROLL B B 1 1 1 1 5 4030 5841 01 ROLL B B 1 1 1 1 5 4030 5841 01 ROLL B B 1 1 1 1 5 4030 5841 01 ROLL B B 1 1 1 1 5 4030 5841 01 ROLL B B 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3		FIXING CLEANING BUSHING			С	1	c-V151 0306 03
5 40LA R707 00 REGULATING PLATE FRONT ASSY 規制板/前 部組 C 1 6 50GA 5343 0 WEB ウェッブ C 1 7 27LA 5383 0 FIXING CLEANER ROLLER 定着清掃ローラ B 1 8 26NA 5361 0 CLEANER PRESSURE SPRING クリーナー椰圧パネ B 2 9 26NA 5349 0 FIXING CLEANER SHAFT HOLDER A 定着清掃軸受 A C 2 10 40LA R708 00 REGULATING PLATE REAR ASSY 規制板/更 部組 C 1 11 50GA -556 0 CLEANER DRIVING SHAFT ASSY グリーナー駆動軸部組 C 1 12 26NA 5430 0 FIXING CLEANER SHAFT HOLDER A 定着清掃軸受 A C 1 13 50GA 5347 0 CLEANER GEAR B 34T クリーナーギア B 3 4 T B 1 14 4030 5811 01 BUSHING ローラ C 1 15 4030 5811 01 BUSHING BW C 1 16 4030 5841 01 ROLL C 1 17 50GA 5472 1 PROTECTION PART 保護部村 D 1 18 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td>d-V217 0300 50</td></td<>							1	d-V217 0300 50
6 50GA 5343 0 WEB							-	
7 27LA 5383 0 FIXING CLEANER ROLLER 定着清掃ローラ								1
8 26NA 5361 0 CLEANER PRESSURE SPRING クリーナー押圧バネ							-	
9 26NA 5349 0 FIXING CLEANER SHAFT HOLDER A 定着清掃軸受 A C 2 10 40LA R708 00 REGULATING PLATE REAR ASSY 規制板/奥 部組 C 1 11 50GA -556 0 CLEANER DRIVING SHAFT ASSY クリーナー駆動軸部組 D 1 12 26NA 5430 0 FIXING CLEANER SHAFT HOLDER A 定着清掃軸受 A C 1 13 50GA 5347 0 CLEANER GEAR B 34T クリーナーギア B 3 4 T B 1 14 4030 5803 01 ROLLER ローラ C 1 15 4030 5811 01 BUSHING 軸受 C 1 16 4030 5841 01 ROLL ころ C 1 17 50GA 5472 1 PROTECTION PART 保護部材 D 1 18 4030 5834 02 BUSHING 軸受 C 1 19 50GA 5471 0 PAPER EXIT GEAR 18T 排紙ギア 1 8 T B 1 20 50GA 5488 0 CONVEYANCE GUIDE PART RIGHT 搬送ガイド部材 右 C 1							-	
10 40LA R708 00 REGULATING PLATE REAR ASSY 規制板/奥 部組 C 1 11 50GA -556 0 CLEANER DRIVING SHAFT ASSY クリーナー駆動軸部組 D 1 12 26NA 5430 0 FIXING CLEANER SHAFT HOLDER A 定着清掃軸受 A C 1 13 50GA 5347 0 CLEANER GEAR B 34T クリーナーギア B 3 4 T B 1 14 4030 5803 01 ROLLER ローラ C 1 15 4030 5811 01 BUSHING 軸受 C 1 16 4030 5841 01 ROLL ころ C 1 17 50GA 5472 1 PROTECTION PART 保護部材 助受 D 1 18 4030 5834 02 BUSHING 軸受 C 1 19 50GA 5471 0 PAPER EXIT GEAR 18T 排紙ギア 1 8 T B 1 20 50GA 5488 0 CONVEYANCE GUIDE PART RIGHT 搬送ガイド部材 右								
11 50GA - 556 0 CLEANER DRIVING SHAFT ASSY クリーナー駆動軸部組 D 1 12 26NA 5430 0 FIXING CLEANER SHAFT HOLDER A 定着清掃軸受 A C 1 13 50GA 5347 0 CLEANER GEAR B 34T D 1 14 4030 5803 01 ROLLER D C 1 15 4030 5811 01 BUSHING BUSHING C 1 16 4030 5841 01 ROLL ころ C 1 17 50GA 5472 1 PROTECTION PART 保護部材 D 1 18 4030 5834 02 BUSHING 軸受 C 1 19 50GA 5471 0 PAPER EXIT GEAR 18T 排紙ギア 1 8 T B 1 20 50GA 5488 0 CONVEYANCE GUIDE PART RIGHT 搬送ガイド部材 右 C 1								
12 26NA 5430 0 FIXING CLEANER SHAFT HOLDER A 定着清掃軸受 A C 1 13 50GA 5347 0 CLEANER GEAR B 34T クリーナーギア B 3 4 T B 1 14 4030 5803 01 ROLLER ローラ C 1 15 4030 5811 01 BUSHING 軸受 C 1 16 4030 5841 01 ROLL ころ C 1 17 50GA 5472 1 PROTECTION PART 保護部材 D 1 18 4030 5834 02 BUSHING 軸受 C 1 19 50GA 5471 0 PAPER EXIT GEAR 18T 排紙ギア 1 8 T B 1 20 50GA 5488 0 CONVEYANCE GUIDE PART RIGHT 搬送ガイド部材 右 C 1							<u> </u>	
13 50GA 5347 0 CLEANER GEAR B 34T クリーナーギア B 3 4 T B 1 1 4 4030 5803 01 ROLLER ローラ C 1 1 5 4030 5811 01 BUSHING 軸受 C 1 1 1 5 4030 5841 01 ROLL ころ C 1 1 7 50GA 5472 1 PROTECTION PART B 3 4 T D 1 1 8 4030 5834 02 BUSHING 軸受 C 1 1 9 50GA 5471 0 PAPER EXIT GEAR 18T 排紙ギア 1 8 T B 1 1 20 50GA 5488 0 CONVEYANCE GUIDE PART RIGHT 搬送ガイド部材 右 C 1 1								
14 4030 5803 01 ROLLER ローラ 15 4030 5811 01 BUSHING 軸受 16 4030 5841 01 ROLL ころ 17 50GA 5472 1 PROTECTION PART 保護部材 D 1 18 4030 5834 02 BUSHING 軸受 C 1 19 50GA 5471 0 PAPER EXIT GEAR 18T 排紙ギア 1 8 T B 1 20 50GA 5488 0 CONVEYANCE GUIDE PART RIGHT 搬送ガイド部材 右 C 1							1	
15 4030 5811 01 BUSHING 軸受 C 1 16 4030 5841 01 ROLL ころ C 1 17 50GA 5472 1 PROTECTION PART 保護部材 D 1 18 4030 5834 02 BUSHING BUSHING C 1 19 50GA 5471 0 PAPER EXIT GEAR 18T 排紙ギア 1 8 T B 1 20 50GA 5488 0 CONVEYANCE GUIDE PART RIGHT 搬送ガイド部材 右 C 1							1	
16 4030 5841 01 ROLL ころ 17 50GA 5472 1 PROTECTION PART 保護部材 D 1 18 4030 5834 02 BUSHING 軸受 C 1 19 50GA 5471 0 PAPER EXIT GEAR 18T 排紙ギア 1 8 T B 1 20 50GA 5488 0 CONVEYANCE GUIDE PART RIGHT 搬送ガイド部材 右 C 1							1	
17 50GA 5472 1 PROTECTION PART 保護部材 D 1 18 4030 5834 02 BUSHING 軸受 C 1 19 50GA 5471 0 PAPER EXIT GEAR 18T B 1 20 50GA 5488 0 CONVEYANCE GUIDE PART RIGHT 搬送ガイド部材 右 C 1	15						1	
18 4030 5834 02 BUSHING 軸受 19 50GA 5471 0 PAPER EXIT GEAR 18T B 1 20 50GA 5488 0 CONVEYANCE GUIDE PART RIGHT 搬送ガイド部材 右 C 1	16	4030 5841 01	ROLL			С	1	
19 50GA 5471 0 PAPER EXIT GEAR 18T 排紙ギア 1 8 T 20 50GA 5488 0 CONVEYANCE GUIDE PART RIGHT 搬送ガイド部材 右 C 1	17	50GA 5472 1	PROTECTION PART	保護部材		D	1	
19 50GA 5471 0 PAPER EXIT GEAR 18T 排紙ギア 1 8 T 20 50GA 5488 0 CONVEYANCE GUIDE PART RIGHT 搬送ガイド部材 右 C 1	18	4030 5834 02	BUSHING	軸受		С	1	
20 50GA 5488 0 CONVEYANCE GUIDE PART RIGHT 搬送ガイド部材 右 C 1	19		PAPER EXIT GEAR 18T	排紙ギア 18 T		В	1	
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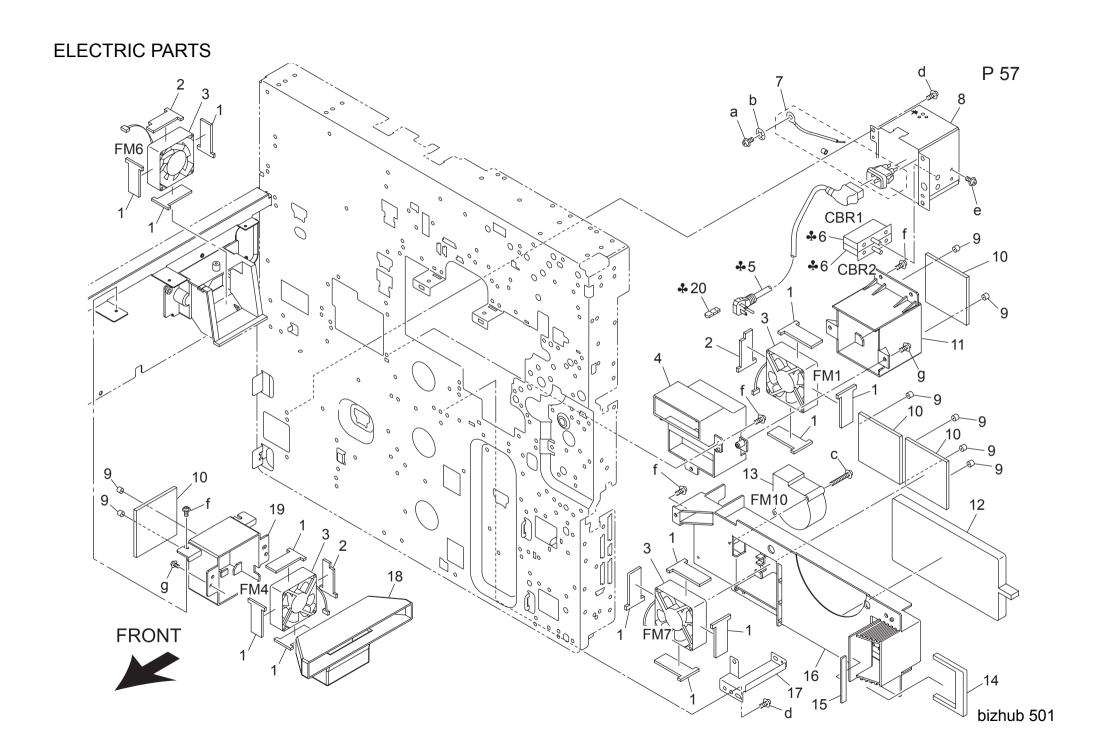
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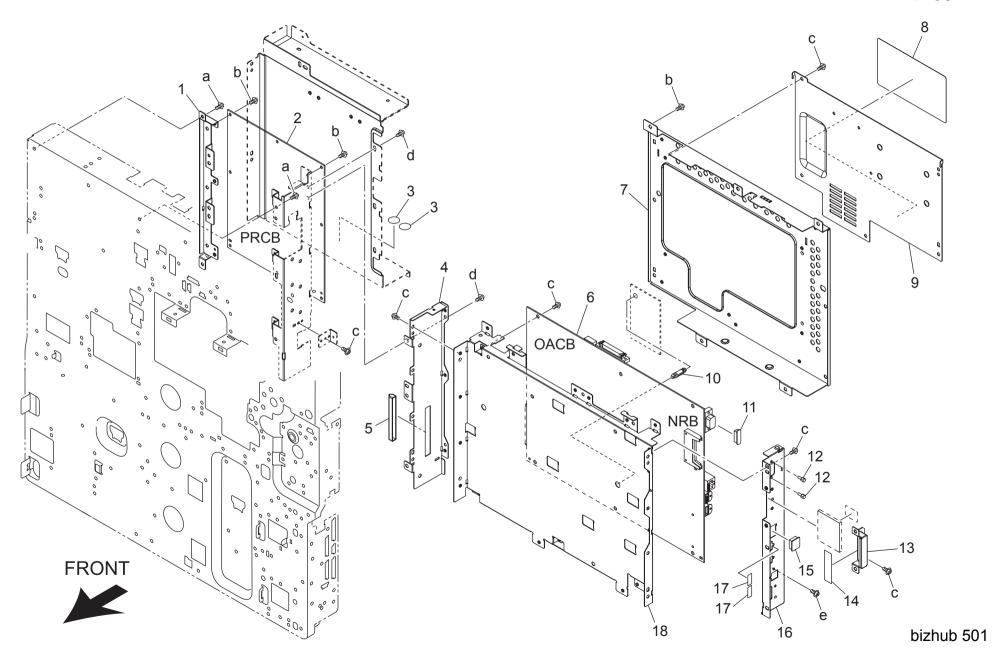
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Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	4011 3012 01	HOLDER	ホルダ		D	2	a-V116 0330 03 b-V137 0306 03 c-V136 0408 03
2	4030 3091 01	LEVER	レバー		С	2	b-V137 0306 03
3	4037 0104 01	PWB ASSY	基板 ASSY		С	2	c-V136 0408 03
4	4030 3047 02	HOLDER	ホルダ		D	2	
5	4002 3131 01	SHOULDER SCREW	段ねじ		C	2	
6	4002 3110 01	PRESSURE SPRING	圧縮コイルばね		C	2	1
7	4037 0906 01	PHOTO INTERRUPTER	フォトインタラプター		В	8	
	9J06 M103 00	MOTOR	マグネットモータ				
8		MOTOR	マクネットモータ		В	2	
9	4030 3208 02	BRACKET	取付板		D	2	
	4030 3081 01	PRESSURE SPRING	圧縮コイルばね		С	4	
11	4030 3224 02	SHOULDER SCREW	段ねじ		С	4	
12	4030 3083 01	HOLDER	ホルダ		D	2	
13	4030 3048 02	BRACKET	取付板		D	2	
14	4030 3049 01	BRACKET	取付板		D	2	
15	50GA 6271 01	LIFTING STAY	押上げステー		С	2	
16	4030 3046 03	BRACKET	取付板		D	2	
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Key	Part No.	De	escription	Destinations	Class	QTY	Standard parts	
1	50GA 8451 0 50GF 8451 1	DC POWER SOURCE 1 DC POWER SOURCE 1	DC 電源/1 DC 電源/1	A,B,G2 C,D1,D3,E,F2,G1,I,K	 	1	a-V121 0306 03 b-V151 0308 03	
2	50GA 8401 0	HIGH VOLTAGE POWER SOURCE	高圧 電源		1	1	c-V144 0306 03 d-V137 0306 03	
3	50GA 7341 0	HV MOUNTING PEDESTAL	高圧取付台		D	1	e-V233 3018 50	
4	50GA 7347 0	WIRING GUIDE PART 1	束線ガイド部材 1		D	1		
5	50GA 7348 1	WIRING GUIDE PART 2	束線ガイド部材 2		С	1		
6	50GA 7349 1	CONTACT PLATE A	接点板。		С	1		
7	50GA 7376 1	HV COVER PART	高圧カバー材		С	1		
8	65AA 1130 0	SUPPORT PART	センサ支持部材		D	1		
9	27LA 8803 1	PROCESS SENSOR	プロセス センサ		В	1		
10	50GA 7343 0	WIRING MOUNTING PLATE	東線取り付け板		D	1		
11	50GA 7359 0	CORD COVER	コードカバー		D	1		
12	40AA 8501 1	DOOR SWITCH	ドアースイッチ		В	1		
13	50GA 7350 0	SWITCH GUIDE PLATE A	スイッチ案内板 A		D	1		
14	50GA 7351 0	SWITCH MOUNTING PLATE	スイッチ取り付け板 カバー板		D D	1	4	
15 16	50GA 7380 0 50GA -751 0	COVER PLATE HIGH VOLTAGE CONNECTING PLATE S ASS	カハー板 高圧連結板 S 部組		D	1		
17	26NA 7325 1	ELECTRODE CONNECTING SPRING A	電極連結バネ A		В	2		
18	26NA R712 00	HIGH VOLTAGE CONNECTING PLATE B ASS	高圧連結板/ B 部組		D	1		
10	2010/11/12 00	Y				'		
19	50GA 7342 0	CONTACT PEDESTAL 1	接点台 1		D	1		

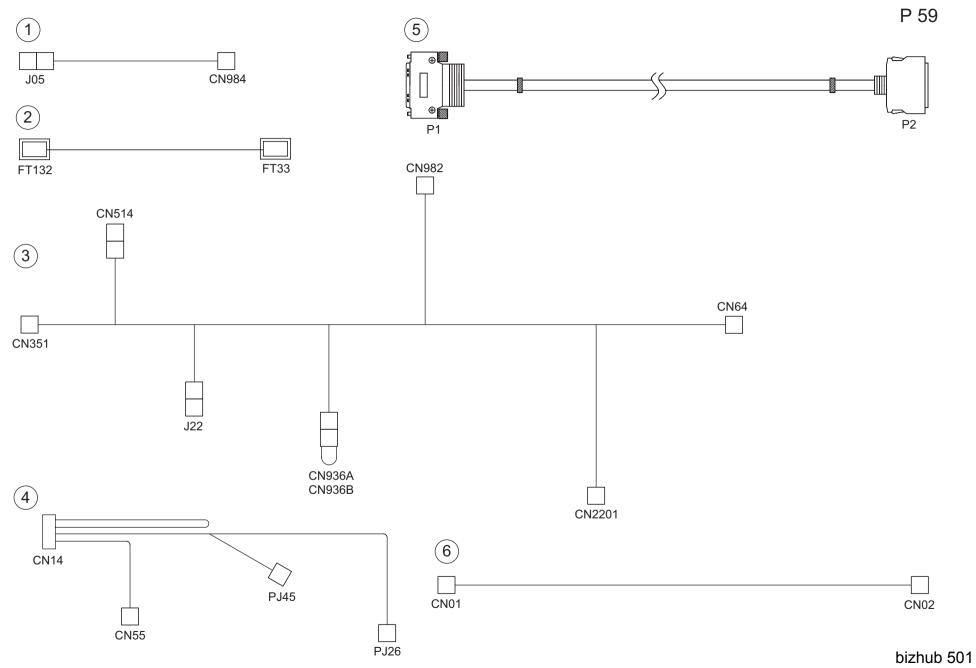


Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	26NA 7373 2	DUST PROOFSEAL 5	 防塵シール/5		С	13	a-V118 0406 21
2	27LA 7391 0	Dustproof Seal	防塵シール		Č	3	a-V118 0406 21 b-V208 0400 50
3	27LA 8051 1	MAIN BODY FAN MOTOR	本体 ファンモータ		В	4	I c-V151 0335 03
4	50GA 7338 1	POWER SOURCE COOLING DUCT/2	電源冷却ダクト/2		D	1 1	d-V137 0306 03 e-V123 0306 03
5	4040 0780 01	POWER CORD	電源コード	A	C		e-V123 0306 03
					C		f-V121 0306 03 g-V151 0308 03
5	9381 4101 31	POWER CORD	プラグ付電源コード	B,G2		1	g-v 151 0306 03
5	9381 4101 11	POWER CORD	プラグ付電源コード	D1,D3,E,F2,G1,I,K	D	1	
5	9381 4300 41	POWER CORD	プラグなし電源コード	D1,D3,E,F2,G1,I,K	С	1	
6	26NA 8846 1	CIRCUIT BLACKER	サーキットフ゛レーカー	A,B,G2	В	2	
6	6852 8604 0	BLACKER	ブレーカー	C,D1,D3,E,F2,G1,I,K	D	2	
7	26NA R701 00	POWER SOCKET ASSY	電源ソケット部組		D	1	
8	50GA 7344 0	CORD MOUNTING PLATE	コード取り付け板		D	1	
9	4658 3047 01	COLLAR	カラー		C	8	
10	50GA 7391 0	DUST PROOF FILTER	防塵フィルター		Č	4	
					D	4	
11	50GA 7337 1	POWER SOURCE COOLING DUCT/1	電源冷却ダクト/1			<u> </u>	
12	50GA 1031 0	OZONE FILTER	オゾン フィルタ		Α	1	
13	50GA 8052 0	SYSTEM COOLING FAN	システム冷却ファン		C	1	
14	4030 3523 02	CUSHION	クッション		С	1	
15	4030 3524 01	CUSHION	クッション		С	1	
16	50GA 7346 0E	FAN MOUNTING BOARD /REAR	ファン取り付け基板/奥		D	1	
17	50GA 7355 0	DUCT MOUNTING PLATE	ダクト取り付け板		D	1	1
18	50GA 7379 0E	DRUM COOLING DUCT /2	ドラム冷却ダクト/2		D	1	
19	50GA 7379 0L 50GA 7339 0	DRUM COOLING DUCT/1	ドラム冷却ダクト/1		D		
20	V590 0400 02	Terminal Cap	アース端子キャップ	A	D	1	
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							1

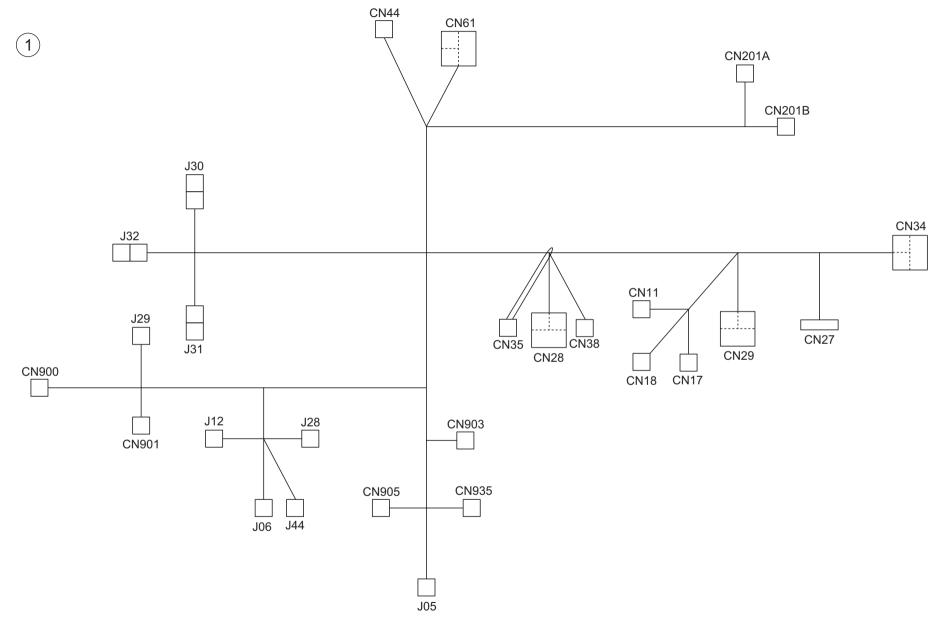


	CIRIC PA	1110					Page. 50
Key	Part No.	De	escription	Destinations	Class	QTY	Standard parts
_			### SECTIPTION 基板取り付けステー/2 本体制御基板ユニット ネジカバー板/ C 保護力球 A S S Y 基板 N に N に N に N に N に N に N に N に N に N	Destinations	Class D I D D D D D C D C D C D D C D D D C D	QTY 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

WIRING

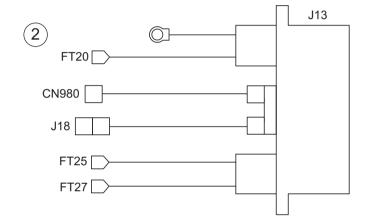


Key			Description	Destinations	Class	QTY	Standard parts
1 2 3 4 5	26NA 9019 1 26NA 9035 1 A0R5 N105 00 4030 6824 01 A0R5 N100 00	TONER SUPPLY WIRING 1 DEVELOPING RELAY WIRING 2 Scanner Wiring WIRE HARNESS ASSY Ope.unit Cable	トナー補給束線 1 現像中継束線 2 スキャナー束線 ハーネス A S S Y 操作部ケーブル		D D D C	1 1 1 1	
6	A0R5 N101 00	Ope.unit Cable I/O Relay harness	操作部ケーブル I / O 中継束線		D	1	



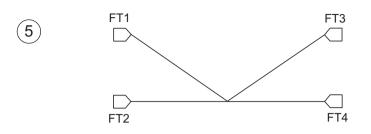
Key	Part No.	Desc	ription	Destinations	Class	QTY	Standard parts
1	50GA 9001 0	MAIN BODY WIRING UPPER	本体 束線/上		D	1	
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							-
							1







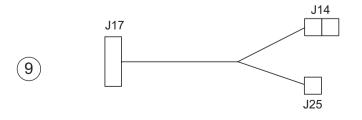




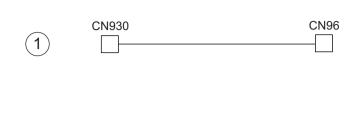








V V I I							Page. 61
Key	Part No.	Des	cription	Destinations	Class	QTY	Standard parts
1 2 3 4 5 6 7 8 9	50GA 9004 0 50GA 9005 1 50GA 9011 0E 50GA 9012 0 50GA 9013 0 50GA 9014 0 50GA 9016 0 50GA 9019 0 50GA 9024 0	FUSE CORD 1 FIXING POWER SUPPLY WIRING AC Power supply Wiring /1 AC POWER SUPPLY WIRING 2 AC POWER SUPPLY WIRING 3 FIXING RELAY WIRING 2 OPTICAL RELAY WIRING CONVEYANCE EARTH WIRING DEVELOPING RELAY WIRING	ヒューズコード 1 定着給電束線 A C 給電束線/1 A C 給電束線/2 A C 給電束線/3 声中継束線 2 光学中継束線 機送アース束線 現像中継束線		D D D D D D D D D D D D D D D D D D D	1 1 1 1 1 1 1 1	











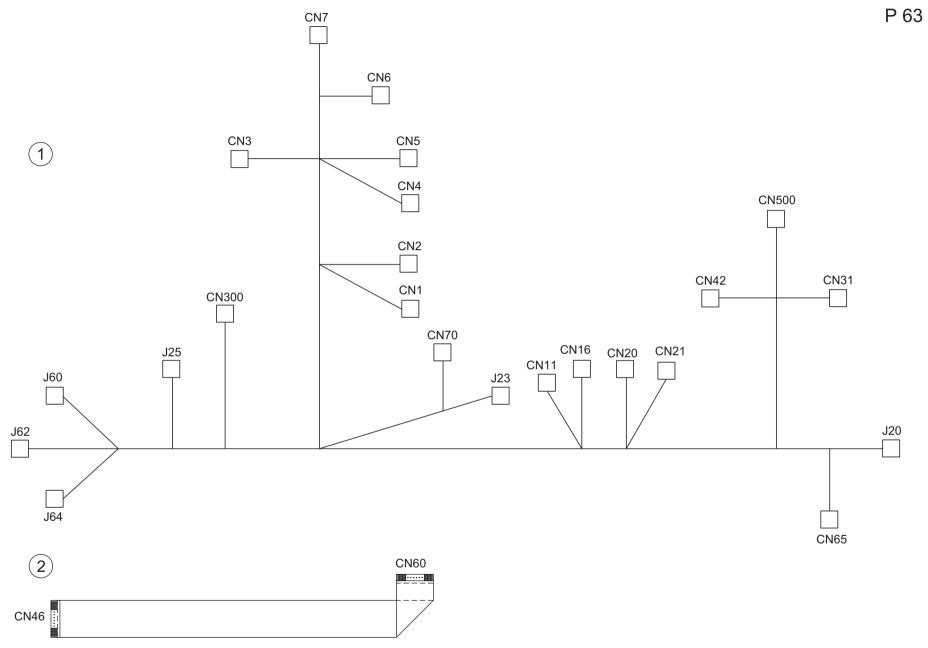






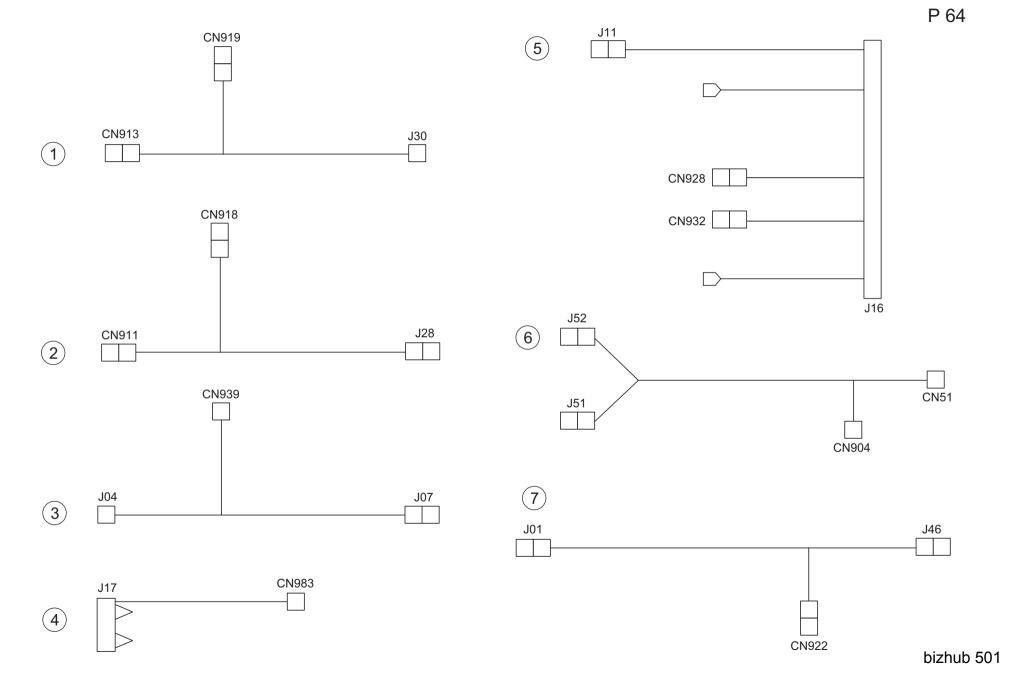


2	50GA 9026 0		scription			Standard parts
2	DUGA 9UZB U	LAMP RELAY WIRING	ランプ中継束線	D	1	
-	50GA 9027 0	DC INTERLOCK WIRING	DC インターロック束線	D	1	
2	50GA 9031 0	RELAY WIRING	センサ中継束線	D	1	
3	50GA 9031 0	RELAY WIRING	センザ中継来線			
4	50GA 9032 0E	CONVEYANCE SUCTION WIRING	搬送サクション東線	D	1	
5	50GA 9037 0	REGISTRATION WIRING	レジスト束線	D	1	
6	50GA 9038 0	HIGH VOLTAGE WIRING 1	高圧束線 1	D	1	
7	50GA 9039 0	HIGH VOLTAGE WIRING 2	高圧束線 2	D	1	
8	50GA 9042 0	OPTION RELAY WIRING	オプション中継束線	D	1	
0	50GA 9042 0	OPTION RELAT WIRING	オフション中胚末様		-	
9	26NA 9031 1	RELAY WIRING 1	センサ中継束線 1	D	1	
		-				



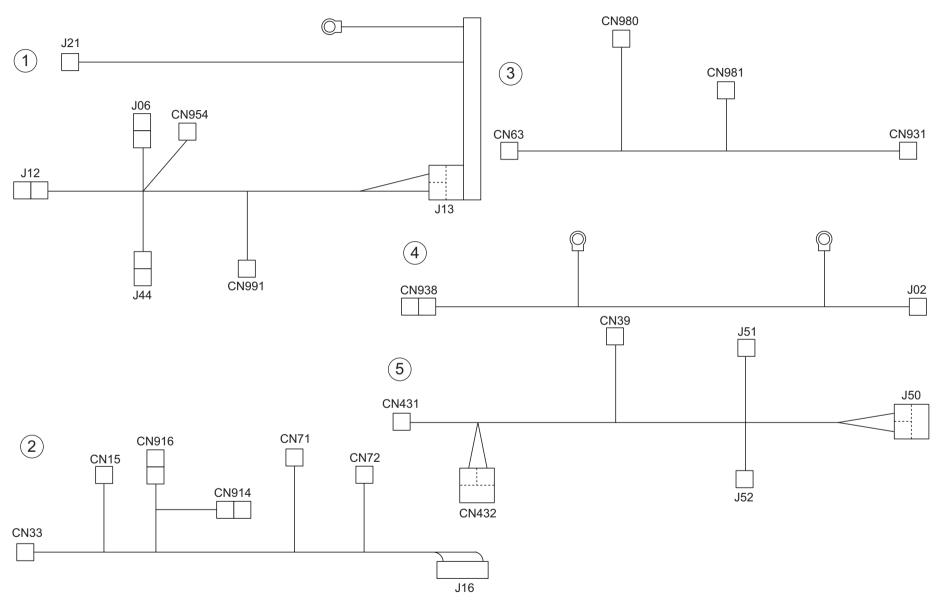
Key	Part No.	Desc	ription	Destinations	Class	QTY	Standard parts
1 2	50GA 9003 0 50GA 9050 0	DC POWER SOURCE WIRING AD WIRING	DC 電源束線 AD 束線		D C	1 1	
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WIRING



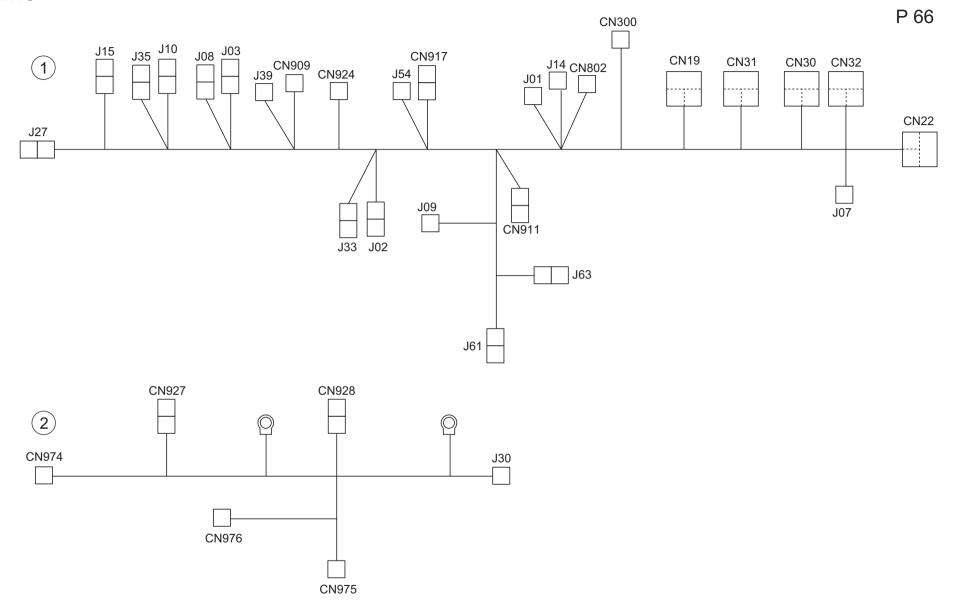
Key	Part No.	Des	cription	Destinations	Class	QTY	Standard parts
1 2	50GA 9033 0 50GA 9034 0 50GA 9035 0	INTERNAL COOLING WIRING FIXING COOLING WIRING PAPER FEED RELAY WIRING UPPER	機内冷却束線 定着冷却束線 給紙中継束線 上		D D D	1 1 1	
4	40LA 9025 0 40LA 9007 1	DEVELOPMENT WIRING DRUM WIRING	現像年線ドラム東線		D D	1 1	
6	40LA 9022 0E 50GA 9030 0	POLYGON RELAY WIRING REGISTRATION RELAY WIRING	ポリゴン中継束線 レジスト中継束線		D D	1	
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							-
							1



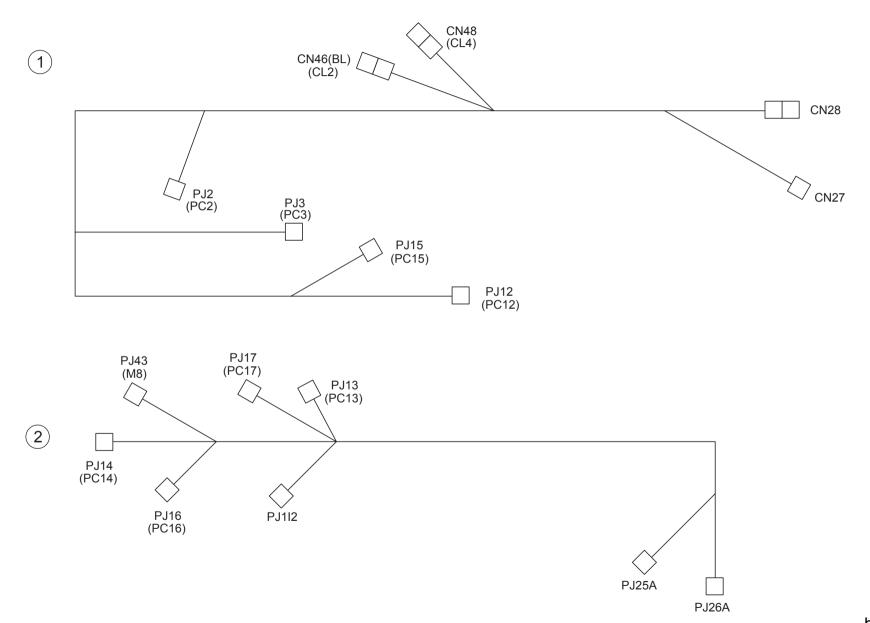


Key			ription	Destinations	Class	QTY	Standard parts
1 2 3 4 5	50GA 9006 0 50GA 9008 0 50GA 9009 0 50GA 9029 0 50GA 9020 0	FIXING RELAY WIRING DRUM RELAY WIRING OPTICAL WIRING CONVEYANCE RELAY WIRING LD RELAY WIRING	定着中継束線 ドラム中継束線 光学束線 搬送中継束線 LD中継束線		D D D D	1 1 1 1	

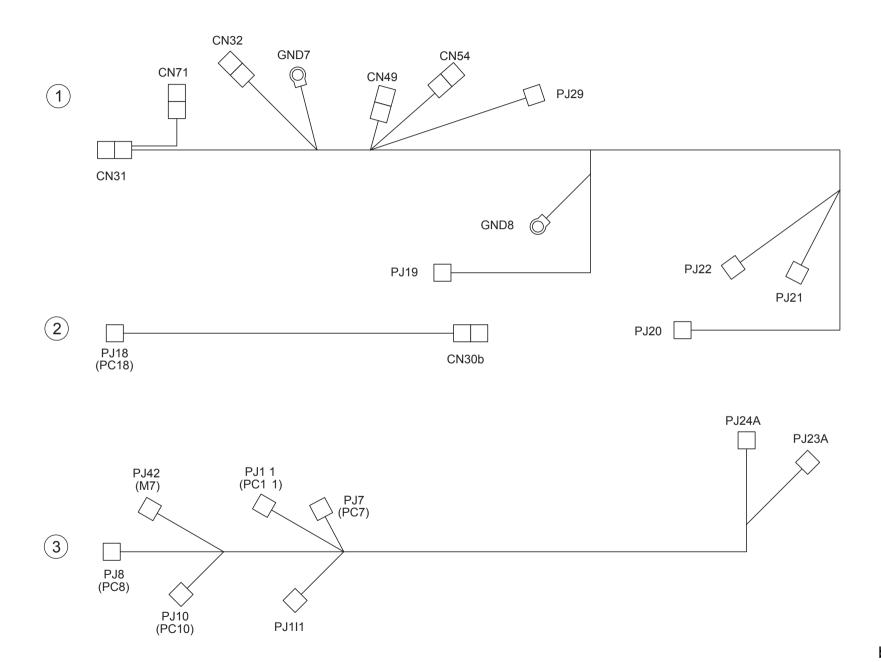
WIRING



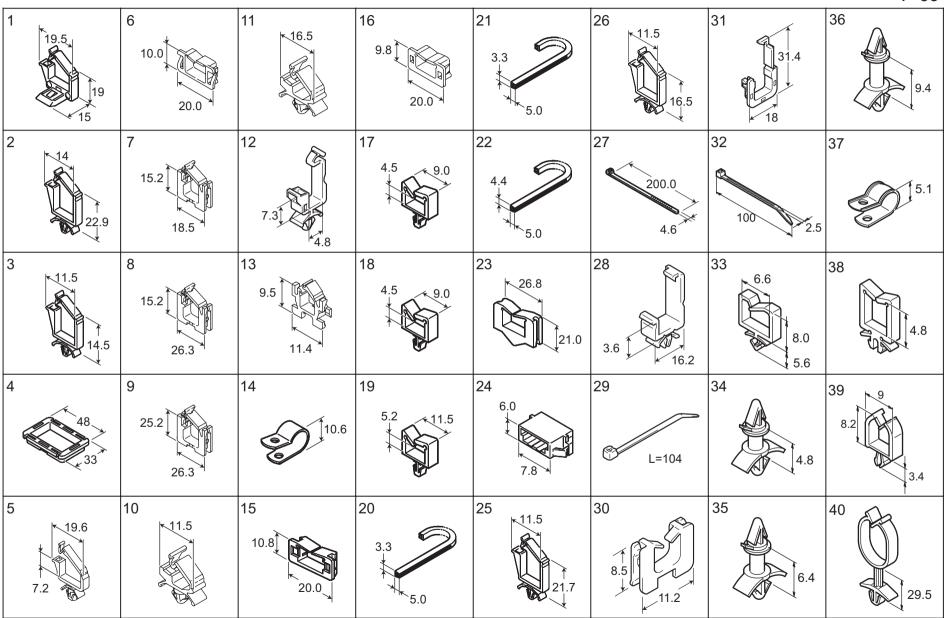
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2	50GA 9002 0 50GA 9017 1	MAIN BODY WIRING LOWER ADU WIRING	本体 束線/下 A D U 束線		D D	1 1	
							<u> </u> -
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Key	Part No.		Description	Destinations	Class	QTY	Page. 67 Standard parts
1 2	4030 6812 02 4030 6813 02	WIRE HARNESS ASSY WIRE HARNESS ASSY	ハーネス A S S Y ハーネス A S S Y	Destinations	D D	1 1	Ctandard parts
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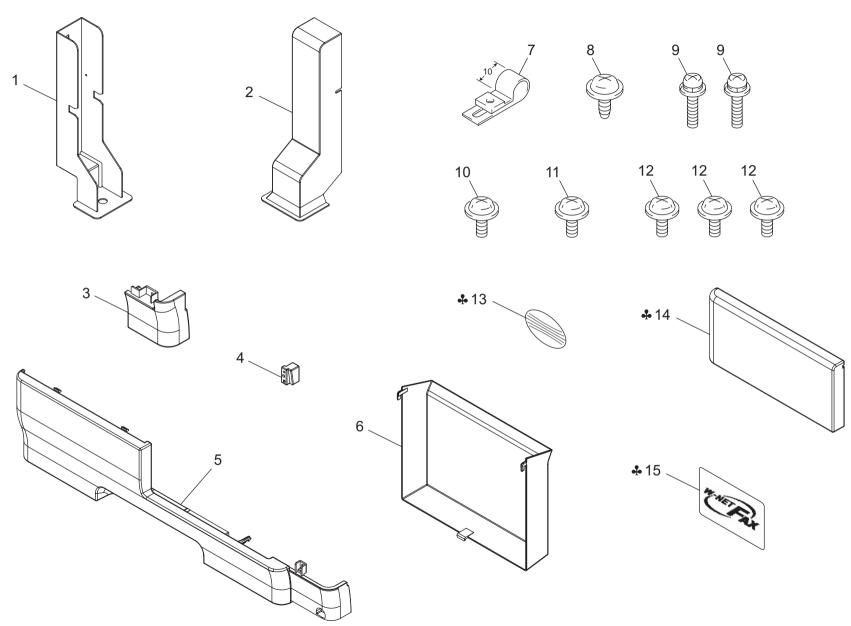
Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1 2 3	4030 6814 03 4030 6818 01 4030 6810 02	WIRE HARNESS ASSY WIRE HARNESS ASSY WIRE HARNESS ASSY	ハーネス A S S Y ハーネス A S S Y ハーネス A S S Y		D D D	1 1 1	



Key	Part No.		Description	Destinations	Class	QTY	Standard part
1	V500 0100 22	saddle	ロッキングワイヤーサドル		D		
2	V500 0100 08	saddle	ロッキングワイヤーサドル		D		
3	V500 0100 03	Saddle	ロッキングワイヤーサドル		D		
4	V570 0100 39	bushing	スクウェアプッシュ		D		
5	V500 0100 04	saddle	ロッキングワイヤーサドル		D		
6	V570 0100 23	saddle	エッジサドル		D		
7	V570 0100 26	saddle	ロッキングエッジサドル		D		
8	V570 0100 27	saddle	ロッキングエッジサドル		D		
9	V570 0100 28	saddle	ロッキングエッジサドル		D		
10	V500 0100 46	saddle	ミニロッキングワイヤーサドル		D		
11	V500 0100 61	saddle	ミニロッキングワイヤーサドル		D		1
12	V500 0100 20	Saddle	ミニロッキングワイヤーサドル		D		
13	V570 0100 50	Locking Edge Saddle	ロッキングエッジサドル		D		
14	V500 0200 05	clamp	ナイロンクランプ		C		
15	V570 0100 07	saddle	スーパーサドル		D		
16	V570 0100 07	saddle	スーパーサドル		D		-
	V500 0100 08	saddle	スーパーサトル		D		
17			ミニサドル		D		
18	V500 0100 28	saddle			_		
19	V500 0100 29	saddle	ミニサドル		D		
20	00Z9 2450 8	FLEXIBLE BUSH	オシタ゛シェッシ゛ンク゛(CE 0 1 2 S)		С		4
21	00Z9 2451 2	FLEXIBLE BUSH	自在ブッシュ(CEO12)		С		
22	00Z9 2452 4	FLEXIBLE BUSH	シ゛サ゛イフ゛ッシュ1 M (CE 0 2 4)		D		
23	V570 0100 12	saddle	エッジサドル		D		
24	V651 0100 01	connector	WtoWコネクタ		D		
25	V500 0100 07	saddle	ロッキングワイヤーサドル		D	1	1
26	V500 0100 05	saddle	ロッキングワイヤーサドル		D		
27	V501 0100 06	band	結束バンド		D		
28	V500 0200 10	clip	コードクリップ(M)		D		
29	V501 0100 01	band	結束バンド		D		
30	V570 0100 21	Saddle	エッジサドル		D		
31	V570 0100 31	holder	エッジホルダー		D		
32	V501 0100 12	band	結束バンド		D		
33	V500 0100 47	saddle	ミニサドル		D		
34	V502 0100 44	PCB Support	PCB サポート		D		
35	V502 0100 45	PCB Support	PCB サポート		D		
36	V502 0100 46	PCB Support	P C B サポート		D		1
37	V500 0200 29	clamp	耐熱クランプ		D		
38	V500 0200 29 V500 0100 35	saddle	ワイヤーサドル		D		
39	V500 0100 55	clamp	ミニクランプ		D		
39 40	V500 0200 55 V500 0200 27	lifter	ハーネスリフター		D		
1 0	V 300 0200 21	intel	ハーホヘソノメー		U	+	1
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1 12.7	6	11 *			
2 12.0 15.8 6.0	7	12 ♣			
3	8				
108	9				
5	10				

Key	Part No.		Description	Destinations	Class	QTY	Standard parts	
1 2 3	V502 0100 17 V651 0100 05 V651 0200 01	support CONNECTOR connector	ロッキングサーキットボードサポート WtoWコネクタ ドロワーコネクタ		D D D			
4 5	V501 0100 09 9384 1600 11	band P-CLIP 10D	結束バンド コート * オサエ		D D			
6 7 8 9 10	26NA JG01 1 000V 1001 0 000V 1002 0 000V 1003 0 000V 1004 0	Optic Unit Positioning Jig GLOVES DUST BAG DEVE COLLECTING SHEET COLLECTING HAND BAG	光学位置決め治具 ポリエチレン手袋 100 SET 200枚 ダストバッグ 10枚 デベ回収シート 10枚 回収用手提げ袋 100枚		D S S S			
11 12 12	000V 1005 0 000V -18- 1 000V -18- 2	COTTON SWAB CLEANING PAD CLEANING PAD	線棒 40枚 クリーニンク* ハ°ット.(30マイ) クリーニンク*ハ°ット.(30マイ. コク	A,C,D1,D3,E,F2,G1,I,K C,D1,D3,E,F2,G1,I,K A	S A A			



Key	Part No.		Description	Destinations	Class	QTY	Standard parts
1	50GA 1026 0	ENCLOSED INSTALLING PLATE A	│同梱設置板 A		С	1	
2	A0R5 1029 00	Cover	カバー		С	1	
3	A0R5 1677 00	Cover /Right	カバー/右		С	1	
4	A0R5 1680 00	Cover	カバー		С	1	
5	A0R5 1712 00	Cover	カバー		С	1	
6	A00J 1699 01	Holder	ホルダ		С	1	1
7	9384 1600 11	P-CLIP 10D	コート゛オサエ		D	1	
8	V137 0308 04	screw	カップ頭タッピングねじ SC タイト		D	1	
9	V123 0450 03	Screw	なべ小ねじ・セムスⅡ標準		С	2	
	V121 0306 03	screw	TP ネジ・座付なべ小ねじ		D	1	
	V121 0308 04	screw	TPネジ・座付なべ小ねじ		D	1	1
	V116 0306 03	Screw	なべ小ねじ・セムス		D	3	
	A00J 9455 00	Logo Mark	ロゴマーク	C,D1,D3,E,F2,G1,I,K	C	1	
	A0RA 1701 01	Cover /Left front	カバー/左前	C,D1,D3,E,F2,G1,I,K	Č	i i	
	A00J 9437 00	Label	ラベル	A	D	1	
10	A003 9437 00	Label)^\/\/\/\	A	D	1	
							_
							1
							1

MAINTENANCE LIST 1/1

● The items with no Page/Key numbers are not handled as spare parts.

No.	Section	PM Parts Description	Maintenance C	ycle (K=1,000)	Parts No.	Destinations	Page/Key	Note
			QTY	Replace				
1	Photo Conductor Section	Drum	1	250K	-			
2		Cleaning Blade assy	1	250K	50GA-2090		P20-12	
3		Drum unit (without drum)	1	750K	50GA-2001		P17-18	
4	Transfer/separation section	Transfer/separation unit	1	500K	50GA-2600		P22-1	
5	Developing section	Developer	1	250K	-			
6		Developing unit	1	750K	50GA-3001		P24-18	
7	Main Body	Filter mounting plate assy	1	250K	50GA-3360		P29-14	
8	-	Ozone Filter	1	250K	50GA10310		P57-12	
9		Suction Filter/A assy	1	250K	40LAR70500		P30-2	
10		Filter cover assy	1	250K	A0R5R70100		P30-1	
11		Suction Cover 2 assy	2	250K	50GA-3110		P30-7	
12	Paper feed section	Pick-up roller	2	300K	4030300501		P31-7/P33-13	
13		Feed roller	2	300K	4030300501		P31-7/P33-13	
14		Separation roller assy(Tray 1, 2)	2	300K	4030015101		P32-15/P34-11	
15	Bypass tray section	Paper feed roller	1	200K	4131300101		P36-36	
16	-	Separation roller assy	1	200K	4034015101		P35-8	
17	Registration section	Loop roller	1	1250K	50GA38650E		P38-11	
18		Registration roller /Rt	1	1250K	50GA38480		P38-10	
19		Registration bearing /Rt	2	1250K	26NA45360		P38-21	
20		Registration bearing /Lt	2	1250K	26NA45371		P38-20	
21		Loop bearing	2	1250K	26NA40820		P38-12	
22	Fusing section	Fusing roller	1	250K	50GA53030	Α	P49-4	
23		Fusing roller	1	250K	50GE53030	B,C,D1,D3,E,F2,G1,G	P49-4	
24		Fusing pressure roller	1	250K	50GA53040		P49-13	
25		Fusing web	1	250K	50GA-5400		P54-1	
26		Heat insulating sleeve /A	2	250K	26NA53720		P49-6	
27		Fusing bearing /Up	2	250K	26NA53712		P49-5	
28		Fusing bearing /Lw	2	250K	50GA53590		P49-12	
29		Fusing sensor assy	1	500K	50GA-5440		P50-6	
30		Fuse holder assy	1	500K	SP00-0112		P50-10	
31		Fusing claw assy	1	500K	50GA-5330		P53-1	
32		Fusing driven roller /A assy	2	250K	4040R70600		P52-13	
33		Fusing driven roller /B assy	2	250K	4040R70700		P52-4	
34		Fusing input gear assy	1	500K	50GA-5461		P51-20	
35	Paper reverse ection	Paper exit suction filter	1	250K	50GA44060		P39-2	
36	Write section	Write unit	1	1250K	A0R5R70000		P11-1	

メンテナンスリスト

●ページ/キーナンバーのないものは、アフターサービス部品ではありません。

No.	区分	PM 部品名称	サイクル	サイクル (K=1,000)		仕向地	夏/キー	備考
			員数	交換	部品番号		1	
1	感光体部	ドラム	1	250K	-			
2		クリーニングブレード assy	1	250K	50GA-2090		P20-12	
3		ドラムユニット (ドラムなし)	1	750K	50GA-2001		P17-18	
4	転写/分離極部	転写/分離極ユニット	1	500K	50GA-2600		P22-1	
5	現像部	現像剤	1	250K	-			
6		現像ユニット	1	750K	50GA-3001		P24-18	
7	本体部	フィルタ取付板 assy	1	250K	50GA-3360		P29-14	
8		オゾンフィルタ	1	250K	50GA10310		P57-12	
9		サクションフィルタ /A assy	1	250K	40LAR70500		P30-2	
10		フィルタカバー assy	1	250K	A0R5R70100		P30-1	
11		サクションカバー /2 assy	2	250K	50GA-3110		P30-7	
12	給紙部	ピックアップローラ	2	300K	4030300501		P31-7/P33-13	
13		給紙ローラ	2	300K	4030300501		P31-7/P33-13	
14		分離ローラ assy(トレイ 1、2)	2	300K	4030015101		P32-15/P34-11	
15	手差しトレイ部	給紙ローラ	1	200K	4131300101		P36-36	
16		分離ローラ assy	1	200K	4034015101		P35-8	
17	レジスト部	ループローラ	1	1250K	50GA38650E		P38-11	
18		レジストローラ /Rt	1	1250K	50GA38480		P38-10	
19		レジスト軸受 /Rt	2	1250K	26NA45360		P38-21	
20		レジスト軸受 /Lt	2	1250K	26NA45371		P38-20	
21		ループ軸受	2	1250K	26NA40820		P38-12	
22	定着部	定着ローラ	1	250K	50GA53030	Α	P49-4	
23		定着ローラ	1	250K	50GE53030	B,C,D1,D3,E,F2,G1,G2,I,	P49-4	
24		定着加圧ローラ	1	250K	50GA53040		P49-13	
25		定着ウェブ	1	250K	50GA-5400		P54-1	
26		断熱スリーブ / A	2	250K	26NA53720		P49-6	
27		定着軸受 /Up	2	250K	26NA53712		P49-5	
28		定着軸受 /Lw	2	250K	50GA53590		P49-12	
29		定着センサ assy	1	500K	50GA-5440		P50-6	
30		ヒューズ取付板 assy	1	500K	SP00-0112		P50-10	
31		定着爪 assy	1	500K	50GA-5330		P53-1	
32		定着従動ローラ /A assy	2	250K	4040R70600		P52-13	
33		定着従動ローラ /B assy	2	250K	4040R70700		P52-4	
34		定着入力ギア assy	1	500K	50GA-5461	<u> </u>	P51-20	
35	反転部	排紙サクションフィルタ	1	250K	50GA44060		P39-2	
36	書き込み部	書き込みユニット	1	1250K	A0R5R70000		P11-1	

DESTINATION

Destination No.		Destinations			Hz	Model No.
Α	A1	JAPAN		100	50/60	A0R5001
	A2	JAPAN		100	50/60	A0R5001
В		USA, CANADA		120	60	A0R5011/ A0R5012
С		EUROPEAN TYPE			50/60	A0R5021
D	D1	S.E ASIA TYPE	THAILAND, SRI LANKA, SINGAPORE, MALAYSIA, HONG KONG, PAKISTAN, INDIA, BANGLADESH, INDONESIA	220-240	50/60	A0R5041
	D3	OCEANIA TYPE	AUSTRALIA, NEW ZEALAND	220-240	50/60	A0R5041
	Е	PHILIPPINES		220-240	50/60	A0R5041
F	F1	SAUDI ARABIA				
'	F2	SAUDI ARABIA		220-240	50/60	A0R5041
G	G1	C.S AMERICA		220-240	50/60	A0R5041
G	G2	C.S AMERICA		120	60	A0R5011
Н		TAIWAN				
I		JORDAN, LEBANON, SYRIA, SOUTH AFRICA, IRAQ, IRAN, N.YEMEN, CAMEROON, UAE, BAHRAIN, OMAN, QATAR, KUWAIT, KENYA, TUNISIA, IVORY COAST, MOROCCO		220-240	50/60	A0R5041
	J	CHINA				
	K	KOREA			50/60	A0R5041