



PF-310

SERVICE MANUAL

Published in January 2006
845H3110
5H3SM060
First Edition

Revision history

Revision	Date	Replaced pages	Remarks



Safety precautions

This booklet provides safety warnings and precautions for our service personnel to ensure the safety of their customers, their machines as well as themselves during maintenance activities. Service personnel are advised to read this booklet carefully to familiarize themselves with the warnings and precautions described here before engaging in maintenance activities.

Safety warnings and precautions

Various symbols are used to protect our service personnel and customers from physical danger and to prevent damage to their property. These symbols are described below:

 **DANGER:** High risk of serious bodily injury or death may result from insufficient attention to or incorrect compliance with warning messages using this symbol.

 **WARNING:** Serious bodily injury or death may result from insufficient attention to or incorrect compliance with warning messages using this symbol.

 **CAUTION:** Bodily injury or damage to property may result from insufficient attention to or incorrect compliance with warning messages using this symbol.

Symbols

The triangle (\triangle) symbol indicates a warning including danger and caution. The specific point of attention is shown inside the symbol.



General warning.



Warning of risk of electric shock.



Warning of high temperature.

 indicates a prohibited action. The specific prohibition is shown inside the symbol.



General prohibited action.



Disassembly prohibited.

 indicates that action is required. The specific action required is shown inside the symbol.



General action required.



Remove the power plug from the wall outlet.



Always ground the copier.

1.Installation Precautions

WARNING

- Do not use a power supply with a voltage other than that specified. Avoid multiple connections to one outlet: they may cause fire or electric shock. When using an extension cable, always check that it is adequate for the rated current. 
- Connect the ground wire to a suitable grounding point. Not grounding the copier may cause fire or electric shock. Connecting the earth wire to an object not approved for the purpose may cause explosion or electric shock. Never connect the ground cable to any of the following: gas pipes, lightning rods, ground cables for telephone lines and water pipes or faucets not approved by the proper authorities. 

CAUTION:

- Do not place the copier on an infirm or angled surface: the copier may tip over, causing injury. 
- Do not install the copier in a humid or dusty place. This may cause fire or electric shock. 
- Do not install the copier near a radiator, heater, other heat source or near flammable material.

This may cause fire. 

- Allow sufficient space around the copier to allow the ventilation grills to keep the machine as cool as possible. Insufficient ventilation may cause heat buildup and poor copying performance. 

- Always handle the machine by the correct locations when moving it. 
- Always use anti-toppling and locking devices on copiers so equipped. Failure to do this may cause the copier to move unexpectedly or topple, leading to injury. 

- Avoid inhaling toner or developer excessively. Protect the eyes. If toner or developer is accidentally ingested, drink a lot of water to dilute it in the stomach and obtain medical attention immediately. If it gets into the eyes, rinse immediately with copious amounts of water and obtain medical attention. 

- Advice customers that they must always follow the safety warnings and precautions in the copier's instruction handbook. 

2. Precautions for Maintenance

WARNING

- Always remove the power plug from the wall outlet before starting machine disassembly. 
- Always follow the procedures for maintenance described in the service manual and other related brochures. 
- Under no circumstances attempt to bypass or disable safety features including safety mechanisms and protective circuits. 
- Always use parts having the correct specifications. 
- Always use the thermostat or thermal fuse specified in the service manual or other related brochure when replacing them. Using a piece of wire, for example, could lead to fire or other serious accident. 
- When the service manual or other serious brochure specifies a distance or gap for installation of a part, always use the correct scale and measure carefully. 
- Always check that the copier is correctly connected to an outlet with a ground connection. 
- Check that the power cable covering is free of damage. Check that the power plug is dust-free. If it is dirty, clean it to remove the risk of fire or electric shock. 
- Never attempt to disassemble the optical unit in machines using lasers. Leaking laser light may damage eyesight. 
- Handle the charger sections with care. They are charged to high potentials and may cause electric shock if handled improperly. 

CAUTION

- Wear safe clothing. If wearing loose clothing or accessories such as ties, make sure they are safely secured so they will not be caught in rotating sections. 
- Use utmost caution when working on a powered machine. Keep away from chains and belts. 
- Handle the fixing section with care to avoid burns as it can be extremely hot. 
- Check that the fixing unit thermistor, heat and press rollers are clean. Dirt on them can cause abnormally high temperatures. 

• Do not remove the ozone filter, if any, from the copier except for routine replacement.



• Do not pull on the AC power cord or connector wires on high-voltage components when removing them; always hold the plug itself.



• Do not route the power cable where it may be stood on or trapped. If necessary, protect it with a cable cover or other appropriate item.



• Treat the ends of the wire carefully when installing a new charger wire to avoid electric leaks.



• Remove toner completely from electronic components.



• Run wire harnesses carefully so that wires will not be trapped or damaged.



• After maintenance, always check that all the parts, screws, connectors and wires that were removed, have been refitted correctly. Special attention should be paid to any forgotten connector, trapped wire and missing screws.



• Check that all the caution labels that should be present on the machine according to the instruction handbook are clean and not peeling. Replace with new ones if necessary.



• Handle greases and solvents with care by following the instructions below:



- Use only a small amount of solvent at a time, being careful not to spill. Wipe spills off completely.
- Ventilate the room well while using grease or solvents.
- Allow applied solvents to evaporate completely before refitting the covers or turning the power switch on.
- Always wash hands afterwards.

• Never dispose of toner or toner bottles in fire. Toner may cause sparks when exposed directly to fire in a furnace, etc.



• Should smoke be seen coming from the copier, remove the power plug from the wall outlet immediately.



3.Miscellaneous

WARNING

• Never attempt to heat the drum or expose it to any organic solvents such as alcohol, other than the specified refiner; it may generate toxic gas.



This page is intentionally left blank.

CONTENTS

1-1 Specifications	
1-1-1 Specifications	1-1-1
1-1-2 Parts names	1-1-2
1-1-3 Machine cross section	1-1-3
1-2 Installation	
1-2-1 Unpacking and installation	1-2-1
(1) Installation procedure	1-2-1
1-3 Troubleshooting	
1-3-1 Paper misfeed detection	1-3-1
(1) Paper misfeed indication	1-3-1
1-3-2 Self-diagnosis	1-3-2
(1) Self-diagnostic function	1-3-2
1-3-3 Electric problems	1-3-3
(1) Defective paper jam detecting. False paper jam message display.	1-3-3
(2) Defective paper gauge sensing. False paper gauge indication.....	1-3-3
(3) Defective paper size detecting. False paper size message display.	1-3-3
1-3-4 Mechanical problems	1-3-4
(1) No paper feed.....	1-3-4
(2) Skewed paper feed.	1-3-4
(3) Multiple sheets of paper are fed at one time.	1-3-4
(4) Paper jams.	1-3-4
(5) Abnormal noise is heard.....	1-3-4
1-4 Assembly and Disassembly	
1-4-1 Precautions for assembly and disassembly	1-4-1
(1) Precautions	1-4-1
1-4-2 Assembly and disassembly.....	1-4-2
(1) Removing the conveying roller, paper feed roller and pickup roller	1-4-2
(2) Removing the retard roller.....	1-4-3
(3) Remove the drive unit and main PWB	1-4-4
2-1 Mechanical construction	
2-1-1 Paper feed section	2-1-1
(1) Paper feed section	2-1-1
2-2 Electrical Parts Layout	
2-2-1 Electrical parts layout.....	2-2-1
(1) Electrical parts.....	2-2-1
2-3 Operation of the PWBs	
2-3-1 Main PWB	2-3-1
2-4 Appendixes	
2-4-1 Wiring diagram.....	2-4-1

This page is intentionally left blank.

1-1-1 Specifications

Model name Paper feeder
Paper size Envelope C5, Executive, Letter, Legal, A4, B5, A5-R, ISO-B5, Folio, Oficio2, 16K,
Custom (105 to 216 × 148 to 356 mm)
Paper capacity 500 sheets maximum, 80 g/m²
Dimensions (W × H × D) 382 × 110 × 394 mm
Weight..... 3.9 kg

1-1-2 Parts names

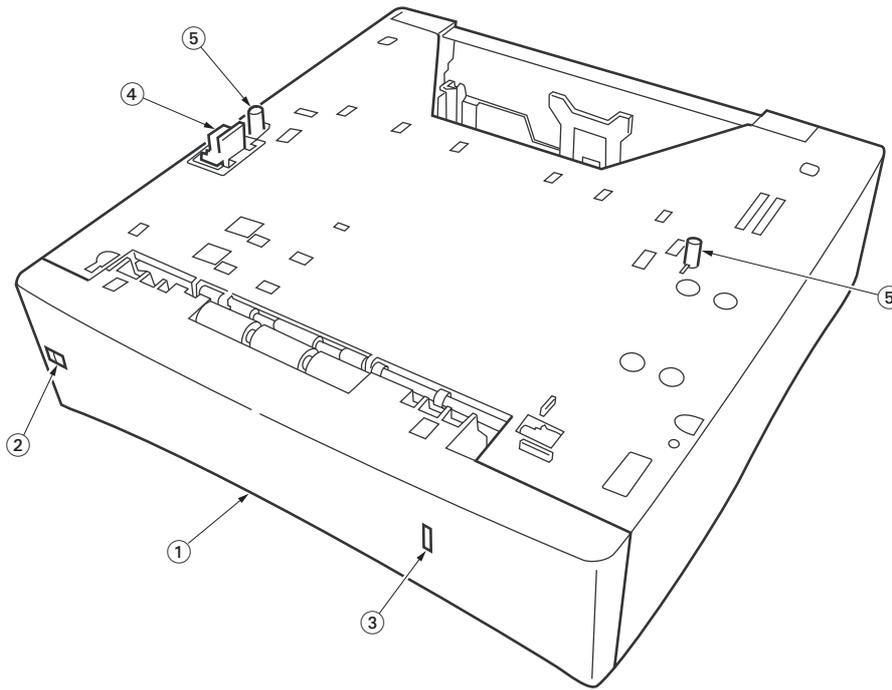


Figure 1-1-1

- 1. Paper cassette
- 2. Paper size window
- 3. Paper gauge
- 4. Interface connector
- 5. Pins

1-1-3 Machine cross section

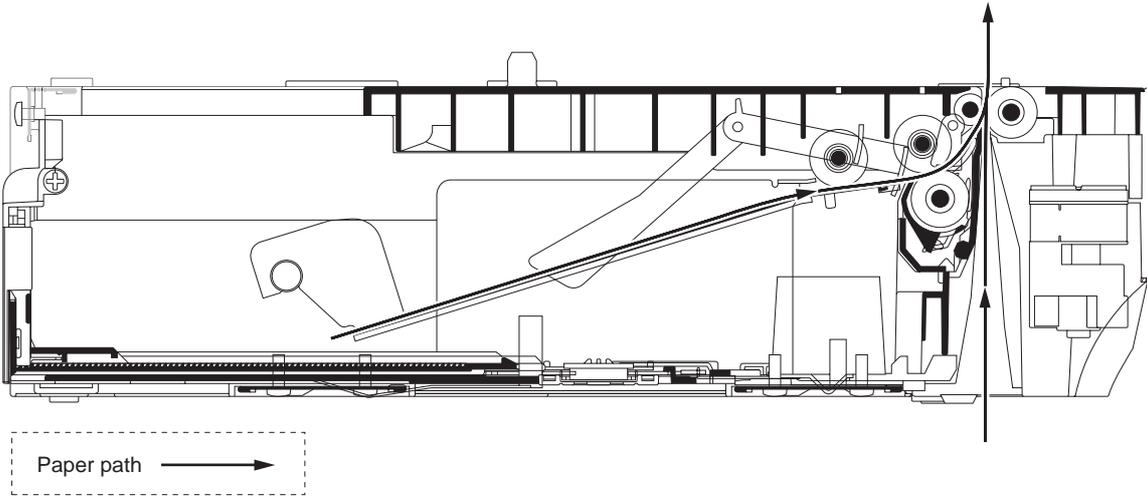


Figure 1-1-2 Machine cross section

This page is intentionally left blank.

1-2-1 Unpacking and installation

(1) Installation procedure

Installing the paper feeder

1. Remove the paper feeder from the container box and place the feeder where you want to install it.
2. Lift the printer up without tilting it, then put it down onto the paper feeder(s) by fitting the four corners as shown in the figure.

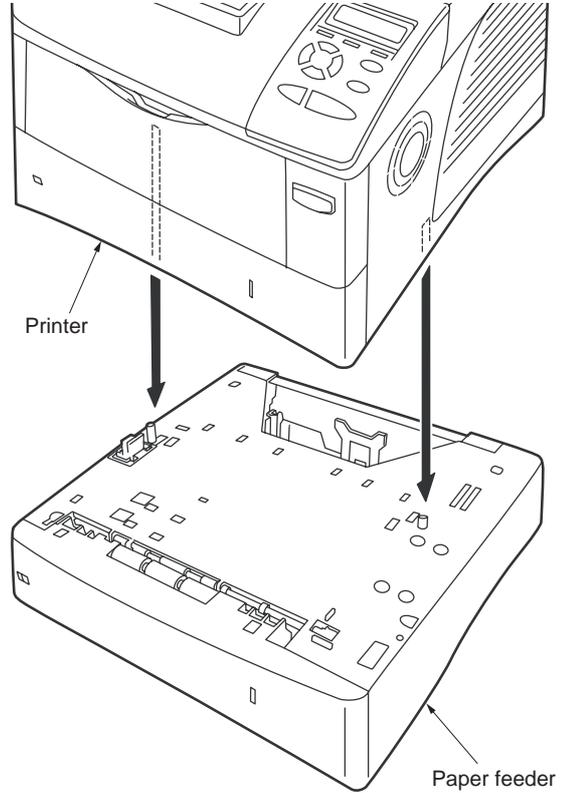


Figure 1-2-1

Loading paper into the cassette

1. Pull the paper cassette all the way out of the paper feeder.

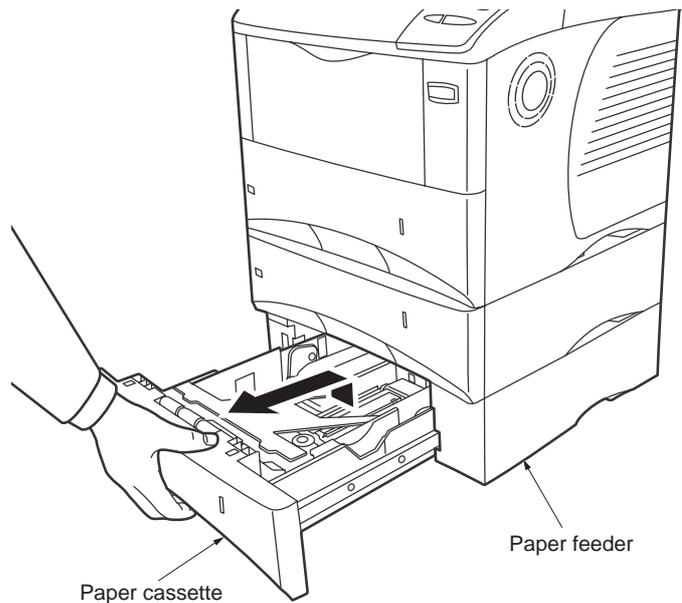


Figure 1-2-2

2. Push the bottom plate down until it locks.

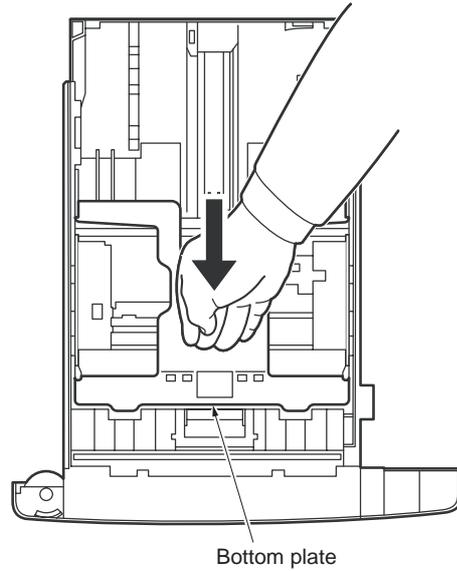


Figure 1-2-3

3. Turn the paper size dial so that the size of the paper you are going to use appears in the paper size window.

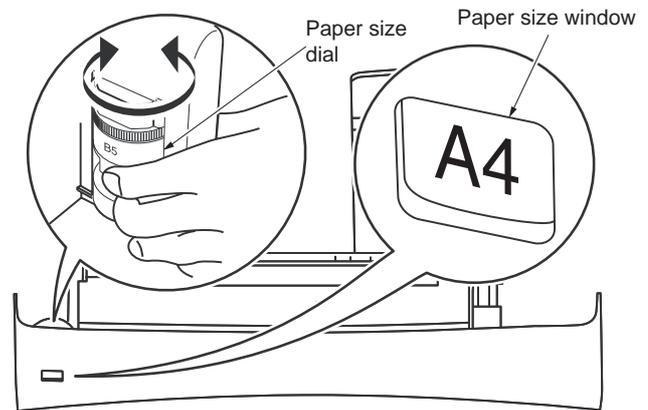


Figure 1-2-4

4. Pull the release lever on the left side guide and slide to the desired paper size.

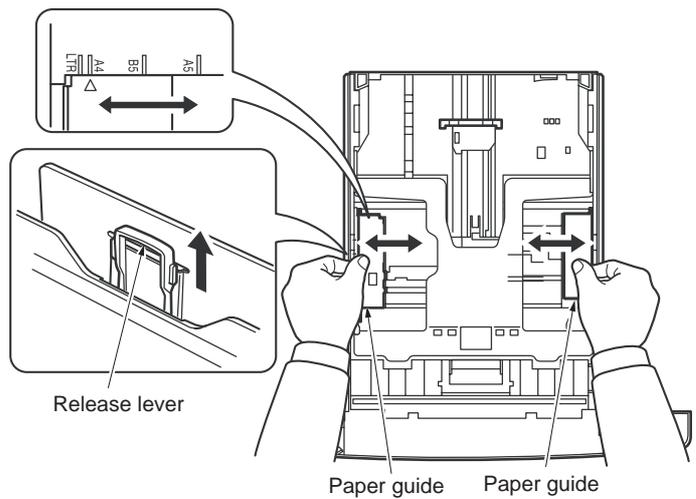


Figure 1-2-5

5. If you are going to set paper that is longer than A4, pull out the extension paper cassettes pushing the lock lever one by one and adjust them to the desired paper size.

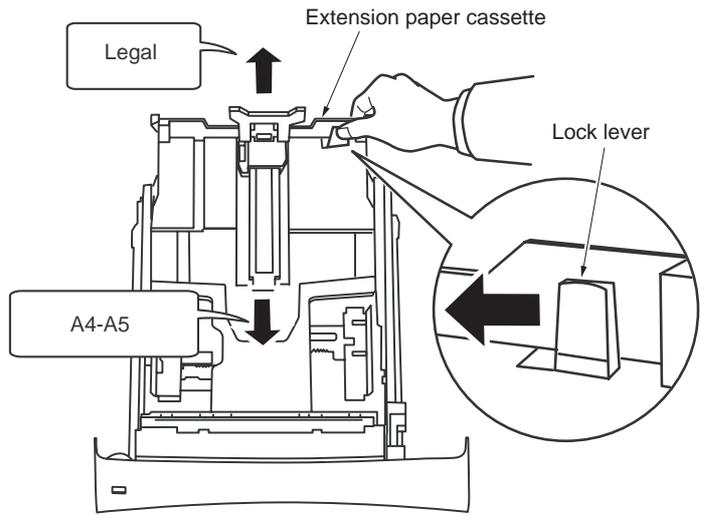


Figure 1-2-6

6. Pull the release lever and slide the paper stopper to the desired paper size. When using non-standard size paper, move the paper guides and paper stopper all the way out, insert the paper, then adjust the paper guides and paper stopper to the size of the paper. Adjust them so that they are in light contact with the paper.

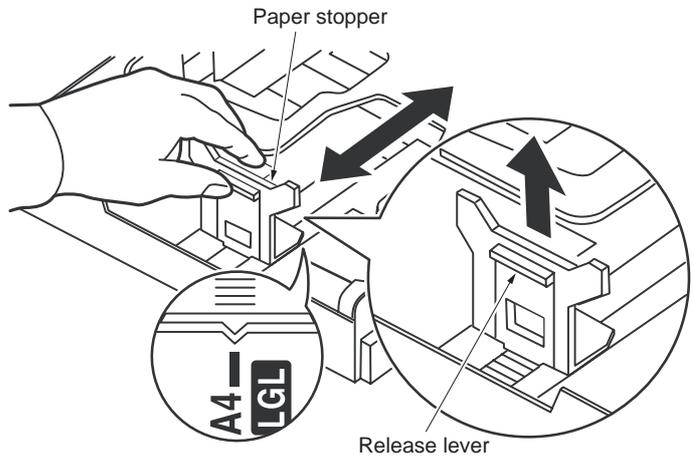


Figure 1-2-7

7. Fan the media (paper/transparencies), then tap it on a level surface to avoid media jams or skewed printing.

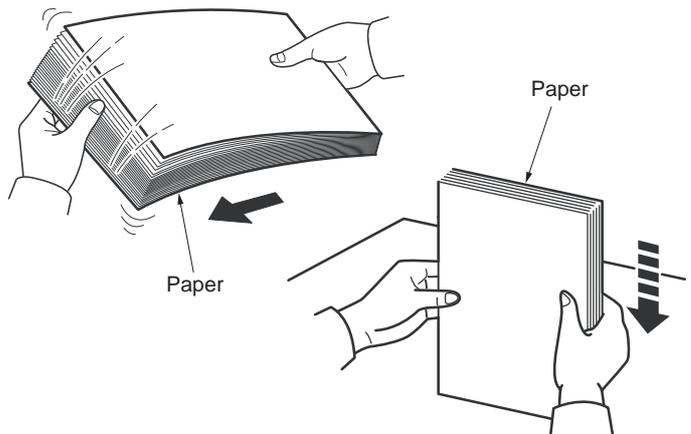


Figure 1-2-8

8. Slide the paper into the paper cassette.

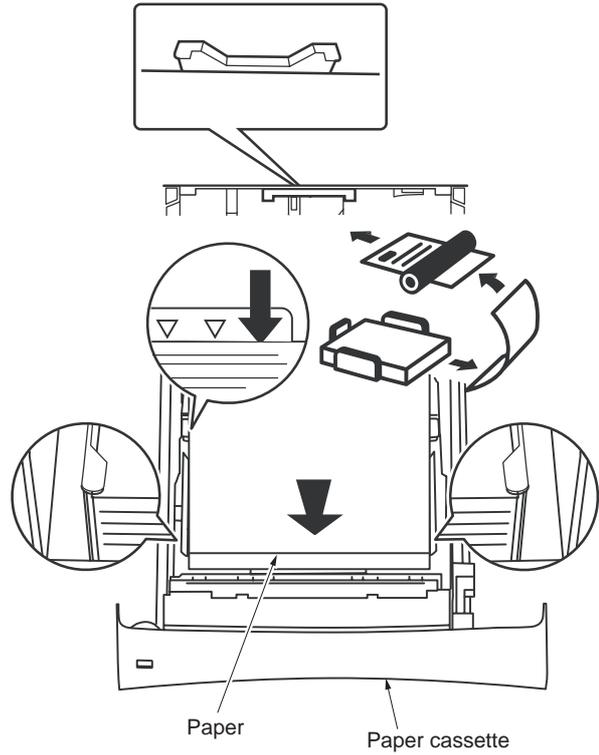


Figure 1-2-9

9. Insert the paper cassette into the slot in the paper feeder. Push it straight in as far as it will go.

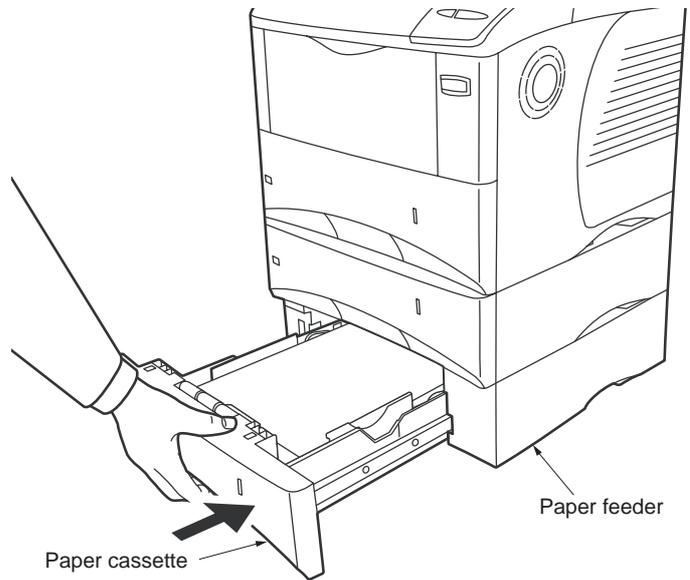


Figure 1-2-10

Completion of the machine installation.

1-3-1 Paper misfeed detection

(1) Paper misfeed indication

When a paper misfeed occurs, the printer immediately stops copying and displays the jam location on the printer operation panel.

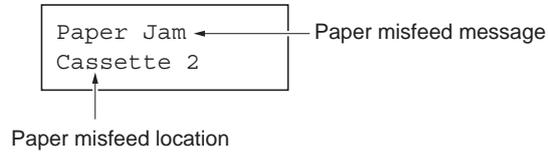


Figure 1-3-1

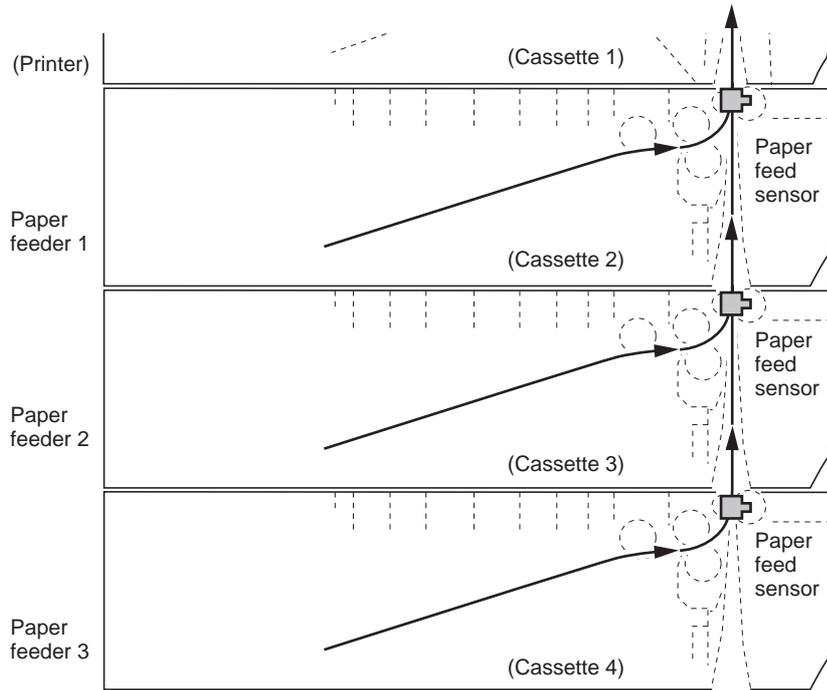


Figure 1-3-2

1-3-2 Self-diagnosis

(1) Self-diagnostic function

This printer is equipped with self-diagnostic function. When a problem is detected, the printer stops printing and display an error message on the operation panel. An error message consists of a message prompting a contact to service personnel, total print count, and a four-digit error code indicating the type of the error. (The display varies depending on the type of the error.)



Figure 1-3-3

Code	Contents	Remarks	
		Causes	Check procedures/corrective measures
0420	Paper feeder communication error Communication error between printer's engine PWB and paper feeder.	Improper installation paper feeder.	Follow installation instruction carefully again.
		Defective harness between printer's connect-L PWB (YC2) and paper feeder interface connector, or improper connector insertion.	Reinsert the connector. Also check for continuity within the connector harness. If none, remedy or replace the harness. (Refer to printer's service manual)
		Defective harness between printer's connect-L PWB (YC6) and engine PWB (YC4), or improper connector insertion.	Reinsert the connector. Also check for continuity within the connector harness. If none, remedy or replace the harness. (Refer to printer's service manual)
		Defective printer's engine PWB.	Replace the printer's engine PWB. (Refer to printer's service manual)
		Defective paper feeder.	Replace the paper feeder.

1-3-3 Electric problems

Problem	Causes	Check procedures/corrective measures
(1) Defective paper jam detecting. False paper jam message display.	Actuators of paper feed sensor does not operate smoothly.	Repair or replace.
	A piece of paper torn from a sheet is caught around actuator of paper feed sensor.	Check visually and remove it, if any.
	Defective paper feed sensor.	Replace the main PWB. See page P.1-4-4.
	Defective main PWB.	Replace the main PWB. See page P.1-4-4.
	Defective printer's engine PWB.	Replace printer's engine PWB. (Refer to printer's service manual)
(2) Defective paper gauge sensing. False paper gauge indication.	Defective paper gauge sensors.	Replace the main PWB. See page P.1-4-4.
	Actuator of paper gauge sensors does not operate smoothly.	Repair or replace.
	Defective engine PWB.	Replace engine PWB.
	Defective printer's engine PWB.	Replace printer's engine PWB. (Refer to printer's service manual)
(3) Defective paper size detecting. False paper size message display.	Defective cassette size switch.	Replace the cassette size switch.
	Defective main PWB.	Replace the main PWB. See page P.1-4-4.
	Defective printer's engine PWB.	Replace printer's engine PWB. (Refer to printer's service manual)

1-3-4 Mechanical problems

Problem	Causes/check procedures	Corrective measures
(1) No paper feed.	Check if the surfaces of the following rollers are dirty with paper powder: Pickup roller, Paper feed roller	Clean with isopropyl alcohol.
	Check if the pickup roller and paper feed roller are deformed.	Check visually and replace any deformed rollers.
	Defective installation position of drive unit.	Check the installation position of drive unit.
	Defective paper feed motor.	Replace the drive unit. See page P.1-4-4.
(2) Skewed paper feed.	Check if the paper is curled.	Change the paper.
(3) Multiple sheets of paper are fed at one time.	Check if the paper is excessively curled.	Change the paper.
	Deformed guides along the paper conveying path.	Check visually and replace any deformed guides.
(4) Paper jams.	Check if the contact between the pickup roller, paper feed roller and retard roller is correct.	Check visually and remedy if necessary. Replace the pressure spring if it is deformed.
(5) Abnormal noise is heard	Check if the pulleys, rollers and gears operate smoothly.	Grease the bearings and gears.
	Check if the drive unit is installed correctly.	Correct.

1-4-1 Precautions for assembly and disassembly

(1) Precautions

Be sure to turn the power switch off and disconnect the power plug before starting disassembly.
When handling PWBs, do not touch connectors with bare hands or damage the board.
Do not touch any PWB containing ICs with bare hands or any object prone to static charge.

1-4-2 Assembly and disassembly

(1) Removing the conveying roller, paper feed roller and pickup roller

1. Remove the paper cassette from the paper feeder.
2. Remove the two stoppers.
3. Remove the two bushes and then remove the conveying roller.
4. While pressing the stopper and then slide the roller holder.
5. Remove the paper feed roller or pickup roller.

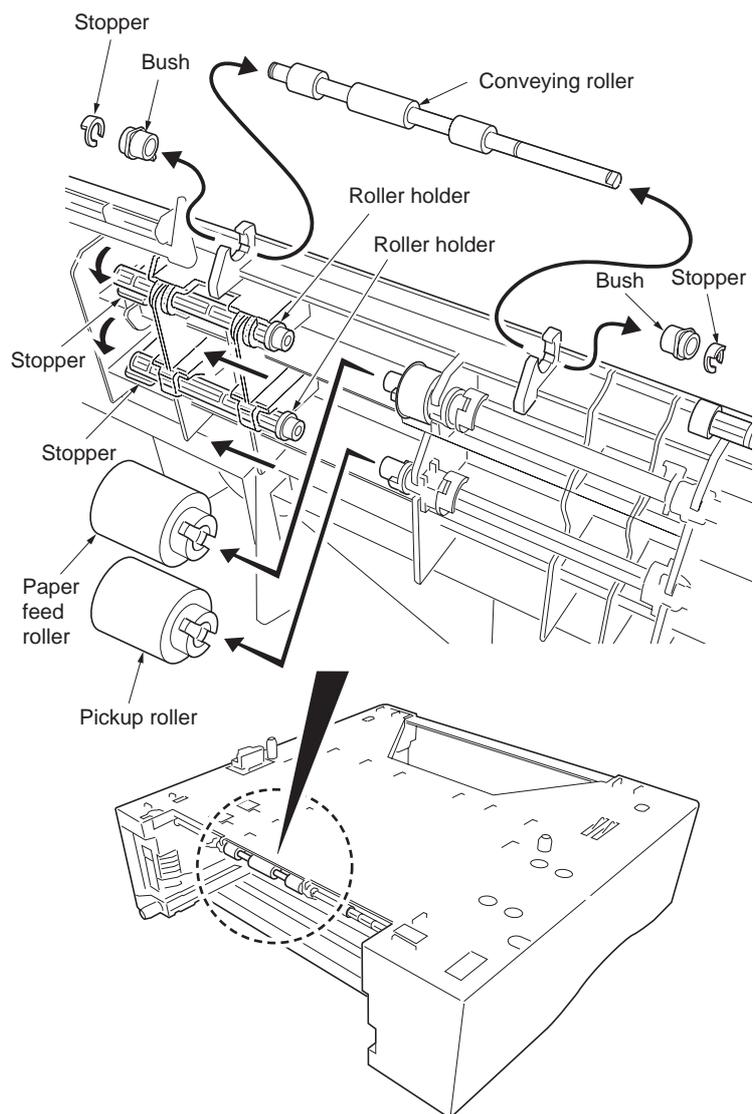


Figure 1-4-1

(2) Removing the retard roller

1. Remove the paper cassette from the paper feeder.
2. Push the bottom plate down until it locks.
3. Remove the retard guide.

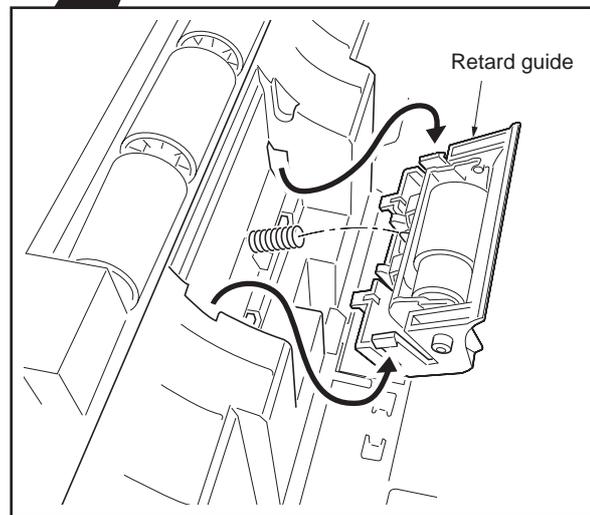
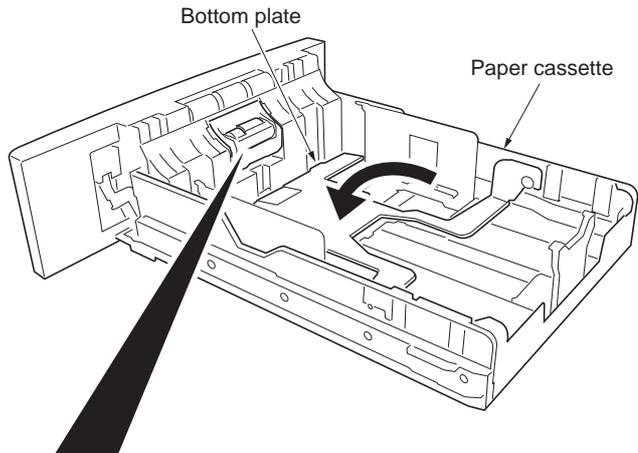


Figure 1-4-2

4. Remove the retard roller (holder) from the retard guide.

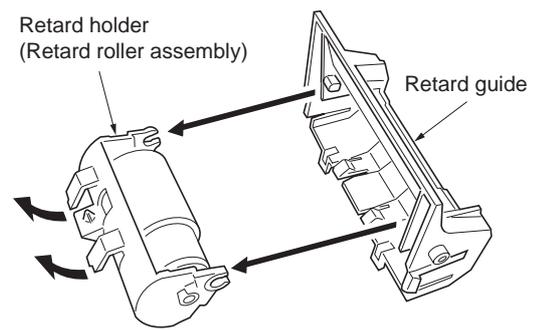


Figure 1-4-3

(3) Remove the drive unit and main PWB

1. Remove the four screws.
2. Pull the upper cover rear ends (1).
3. While pulling out the cassette size switch (2), and then remove the upper cover.

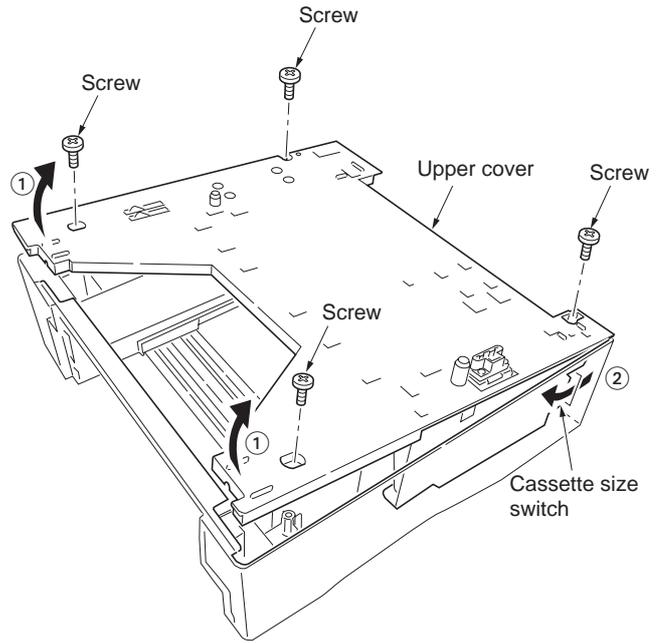


Figure 1-4-4

4. Remove the two connectors.
5. Remove the three screws and then remove the motor bracket (drive unit).

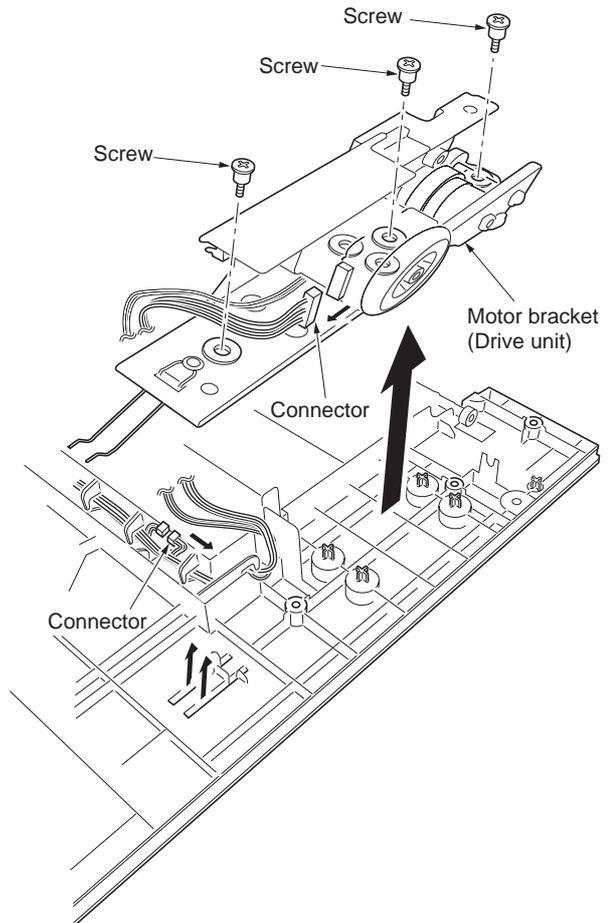


Figure 1-4-5

6. Remove the two screws and then detach the PWB bracket.

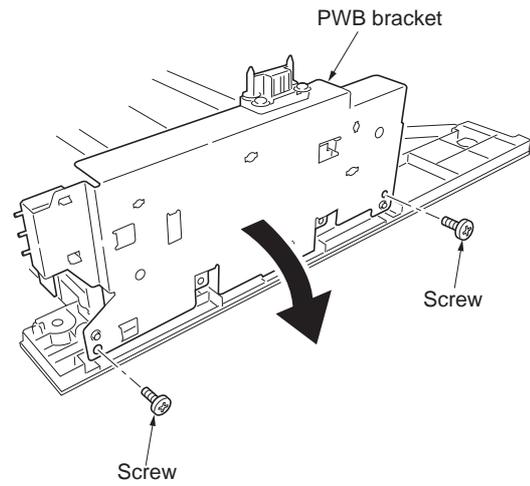


Figure 1-4-6

7. Remove the two connectors (A).
8. Remove the one clamp.
9. Remove the three connectors (B).
10. Remove the two screws and then remove the main PWB.

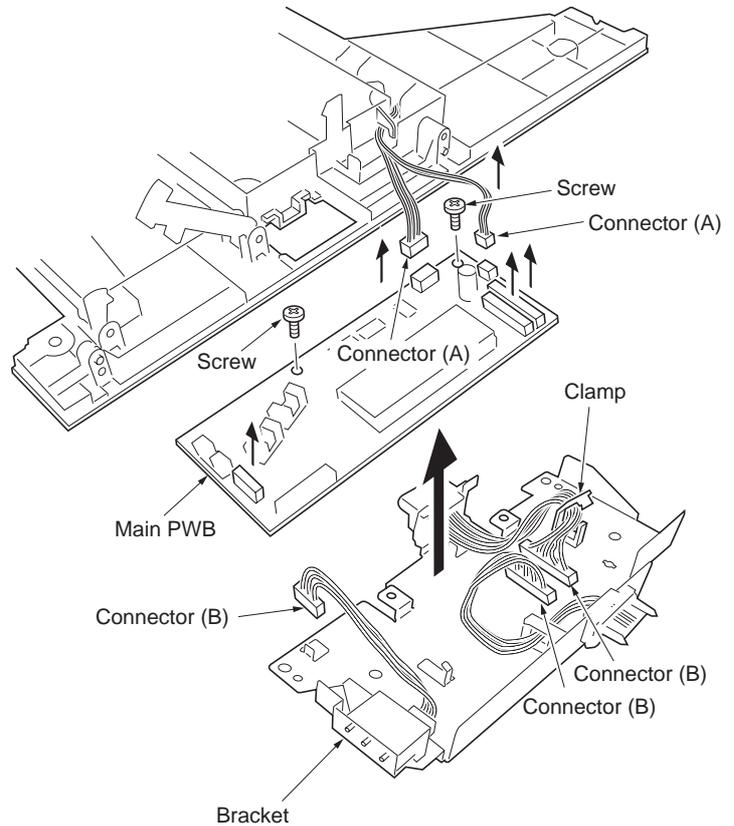


Figure 1-4-7

This page is intentionally left blank.

2-1-1 Paper feed section

(1) Paper feed section

The paper feeder conveys paper from the paper cassette to the printer. Paper cassette can hold up to 500 sheets of paper. Paper is fed from the paper feeder by the rotation of the pickup roller and paper feed roller. The retard roller prevents multiple sheets from being fed at one time, via the torque limiter.

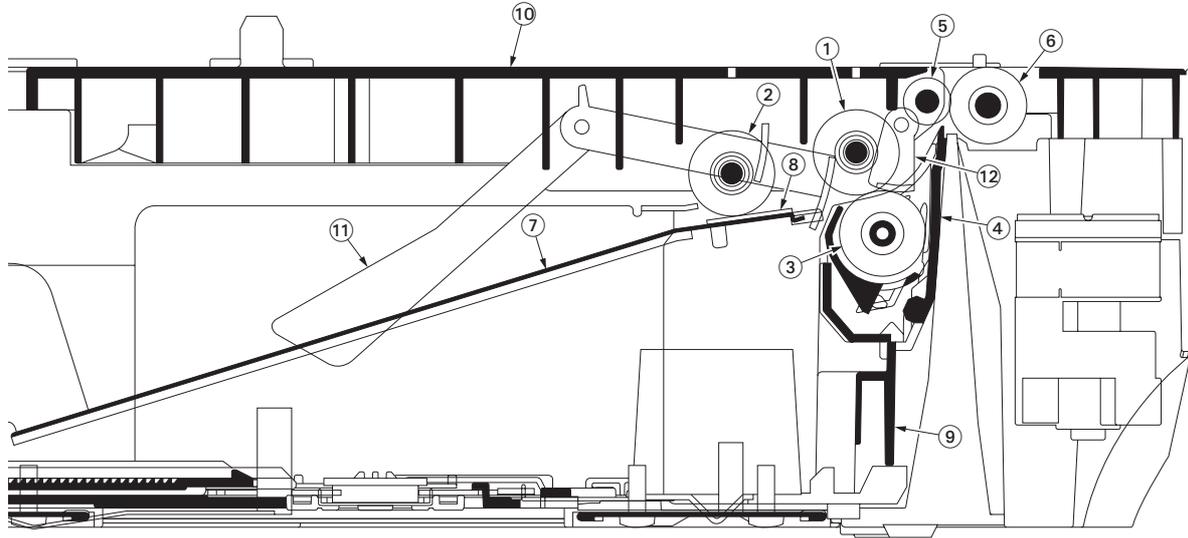


Figure 2-1-1 Paper feed section

- | | |
|---|------------------------------------|
| (1) Paper feed roller | (7) Bottom plate |
| (2) Pickup roller | (8) Bottom pad |
| (3) Retard roller | (9) Cassette base |
| (4) Retard roller guide | (10) Upper cover |
| (5) Conveying roller | (11) Paper gauge sensor (actuator) |
| (6) Center conveying pulley
Side conveying pulleys | (12) Paper feed sensor (actuator) |

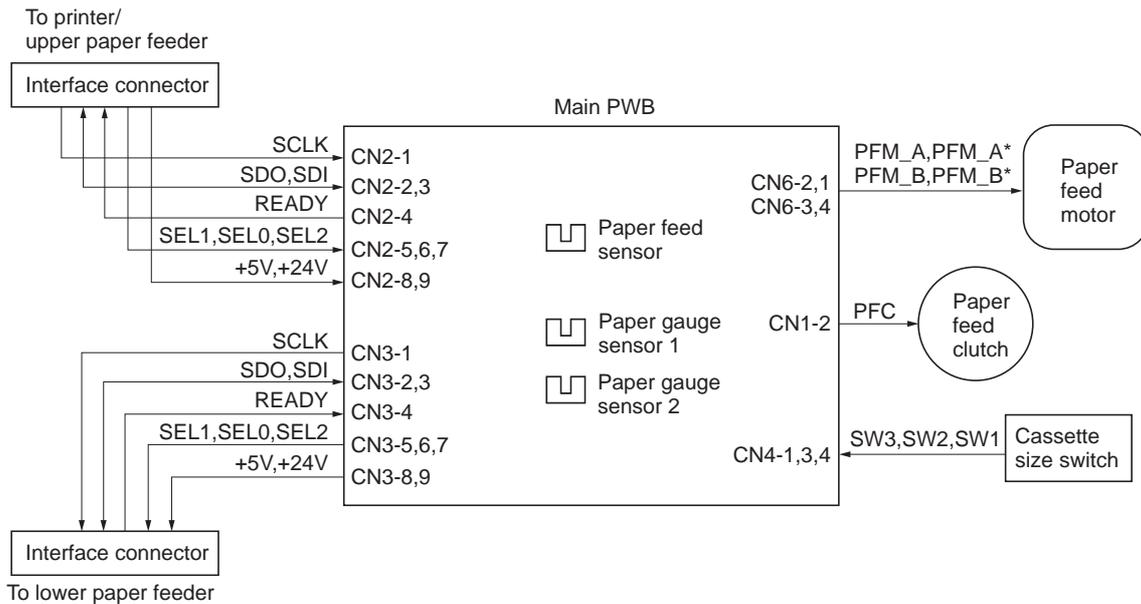


Figure 2-1-2 Paper feed section block diagram

This page is intentionally left blank.

2-2-1 Electrical parts layout

(1) Electrical parts

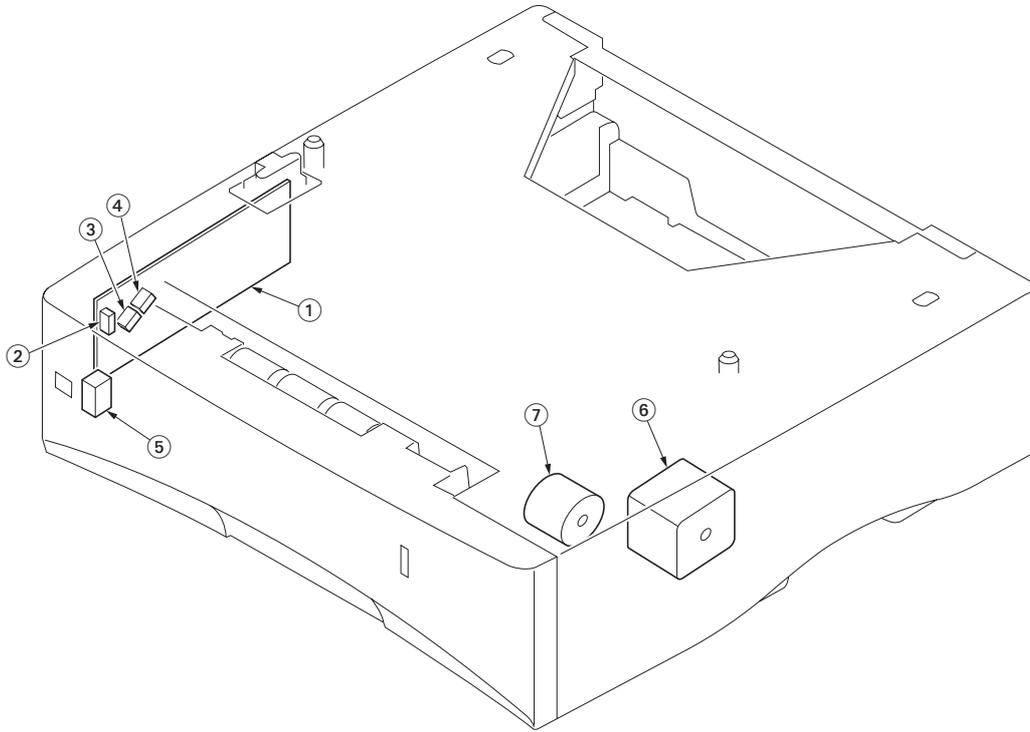


Figure 2-2-1 Electrical parts

- 1. Main PWB Controls electrical components in the paper feeder and communications with the printer.
- 2. Paper feed sensor..... Detects paper jam in the paper feeder.
- 3. Paper gauge sensor 1..... Detects the paper remaining amount level.
- 4. Paper gauge sensor 2..... Detects the paper remaining amount level.
- 5. Cassette size switch Detects the paper size dial setting of the paper setting dial.
- 6. Paper feed motor Drives the paper feed mechanism in the paper feeder.
- 7. Paper feed clutch Controls the paper feed from the paper cassette.

This page is intentionally left blank.

2-3-1 Main PWB

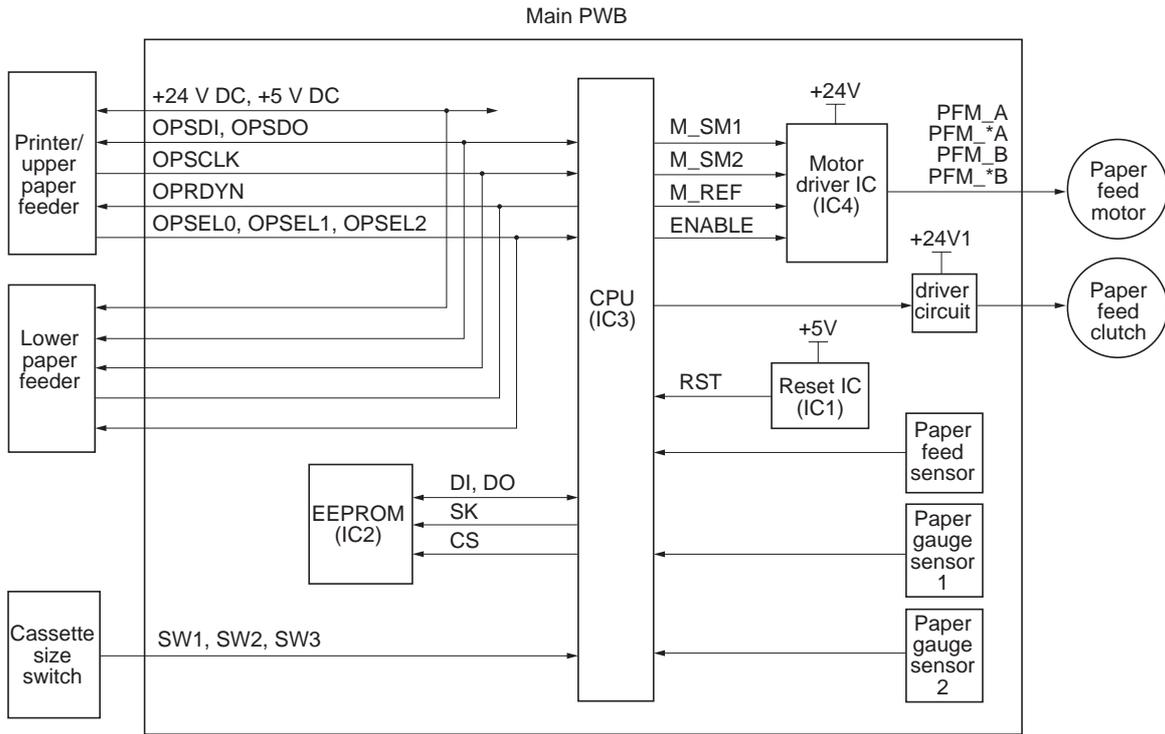


Figure 2-3-1 Main block diagram

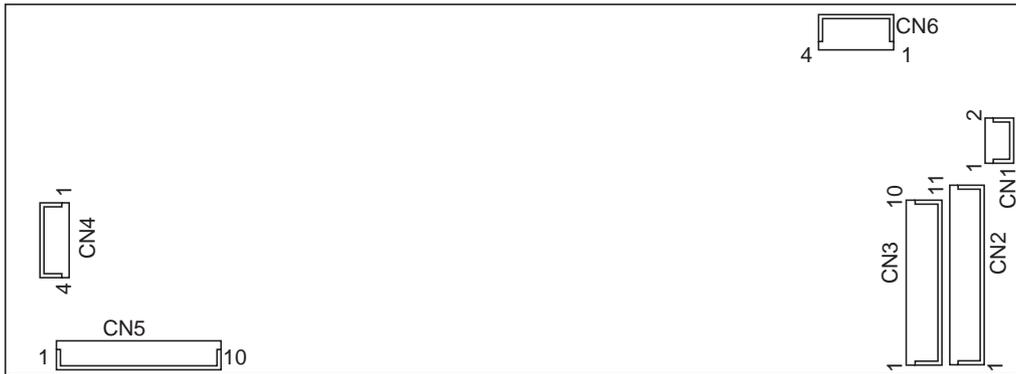
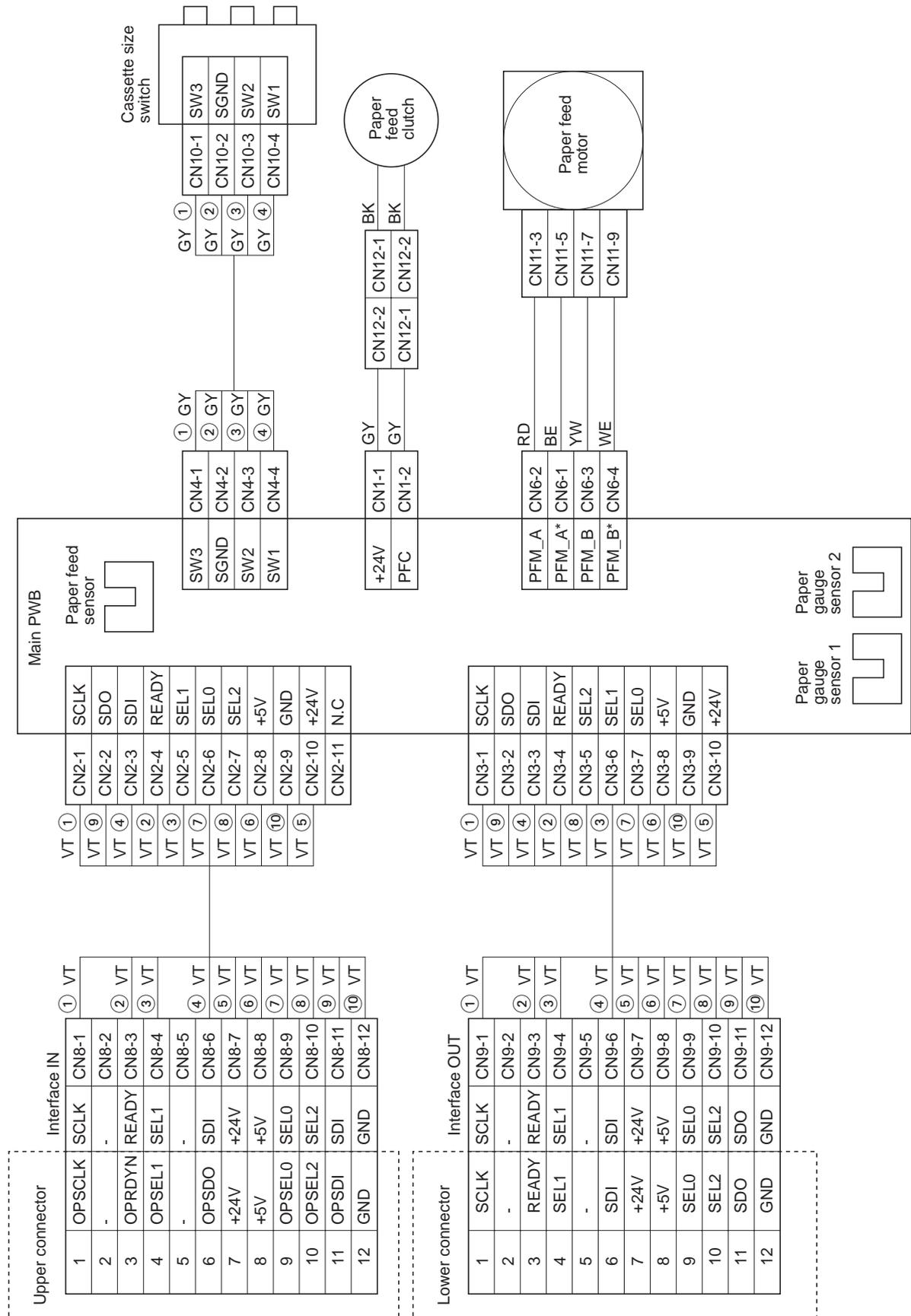


Figure 2-3-2Main PWB silk-screen diagram

Connector	Pin No.	Signal	I/O	Voltage	Description
CN1 Connected to the paper feed clutch	1	+24V	O	0/24 V DC	Paper feed clutch: On/Off
	2	PFC	-	-	Ground
CN2 Connected to the printer/upper paper feeder	1	SCLK	I	0/5 V DC (pulse)	Serial communication clock signal
	2	SDO	O	0/5 V DC (pulse)	Serial communication data signal
	3	SDI	I	0/5 V DC (pulse)	Serial communication data signal
	4	READY	O	0/5 V DC	Paper feeder ready signal
	5	SEL1	I	0/5 V DC	Paper feeder selection signal (1)
	6	SEL0	I	0/5 V DC	Paper feeder selection signal (0)
	7	SEL2	I	0/5 V DC	Paper feeder selection signal (2)
	8	+5V	I	5 V DC	5 V DC power supply
	9	GND	-	-	Ground
	10	+24V	O	24 V DC	24 V DC power supply
	11	N.C.	-	-	Not used
CN3 Connected to the lower paper feeder	1	SCLK	O	0/5 V DC (pulse)	Serial communication clock signal
	2	SDO	I	0/5 V DC (pulse)	Serial communication data signal
	3	SDI	O	0/5 V DC (pulse)	Serial communication data signal
	4	READY	I	0/5 V DC	Paper feeder ready signal
	5	SEL1	O	0/5 V DC	Paper feeder selection signal (1)
	6	SEL0	O	0/5 V DC	Paper feeder selection signal (0)
	7	SEL2	O	0/5 V DC	Paper feeder selection signal (2)
	8	+5V	O	5 V DC	5 V DC power supply
	9	GND	-	-	Ground
	10	+24V	O	24 V DC	24 V DC power supply
CN4 Connected to the cassette size switch	1	SW3	O	0/5 V DC	Cassette size switch (3): On/Off
	2	SGMD	-	-	Ground
	3	SW2	O	0/5 V DC	Cassette size switch (2): On/Off
	4	SW1	O	0/5 V DC	Cassette size switch (1): On/Off
CN6 Connected to the paper feed motor	1	PFM_*A	O	0/24 V DC (pulse)	Paper feed motor drive pulse
	2	PFM_A	O	0/24 V DC (pulse)	Paper feed motor drive pulse
	3	PFM_B	O	0/24 V DC (pulse)	Paper feed motor drive pulse
	4	PFM_*B	O	0/24 V DC (pulse)	Paper feed motor drive pulse

2-4-1 Wiring diagram



This page is intentionally left blank.

KYOCERA MITA EUROPE B.V.

Hoeksteen 40, 2132 MS Hoofddorp,
The Netherlands
Phone: +31.(0)20.654.0000
Home page: <http://www.kyoceramita-europe.com>
Email: info@kyoceramita-europe.com

KYOCERA MITA NEDERLAND B.V.
Beechavenue 25, 1119RA SCHIPHOL-RIJK
The Netherlands
Phone: +31-(0)20-5877200

KYOCERA MITA (UK) LTD.
8 Beacontree Plaza
Gillette Way, Reading Berks RG2 0BS,
UK
Phone: +44.(0)118.931.1500

KYOCERA MITA ITALIA S.P.A.
Via Verdi 89 / 91 20063 Cernusco sul Naviglio,
(Milano), Italy
Phone: +39.02.92179.1

S.A. KYOCERA MITA BELGIUM N.V.
Hermesstraat 8A 1930 Zaventem,
Belgium
Phone: +32.(0)2.720.9270

KYOCERA MITA FRANCE S.A.
Parc Les Algorithmes, Saint Aubin
91194 GIF-SUR-YVETTE,
France
Phone: +33.(0)1.6985.2600

KYOCERA MITA ESPAÑA S.A.
Edificio Kyocera, Avda de Manacor N. 2,
Urb. Parque Rozas 28290 Las Rozas, Madrid,
Spain
Phone: +34.(0)91.631.8392

KYOCERA MITA FINLAND OY
Kirvesmiehenkatu 4 00810 Helsinki,
Finland
Phone: +358.(0)9.4780.5200

KYOCERA MITA (SCHWEIZ) AG
Industriestrasse 28, 8604 Volketswil,
Switzerland
Phone: +41.(0)1.908.4949

KYOCERA MITA DEUTSCHLAND GMBH
Mollsfeld 12-40670 Meerbusch,
Germany
Phone: +49.(0)2159.918.0

KYOCERA MITA GMBH AUSTRIA
Eduard-Kittenberger Gasse 95
A-1230 Wien,
Austria
Phone: +43.(0)1.86338.401

KYOCERA MITA SVENSKA AB
Vretenragen 2, 6tr 171 54 Solna,
Sweden
Phone: +46.(0)8.546.550.00

KYOCERA MITA NORGE
Postboks 150 Oppsal, NO 0619 Oslo
Olaf Helsetsvei 6, NO 0694 Oslo,
Norway
Phone: +47.(0)22.62.73.00

KYOCERA MITA DANMARK A/S
Slotsmarken 11, 2 DK-2970 Hørsholm,
Denmark
Phone: +45.7022.3880

KYOCERA MITA PORTUGAL LDA.
Rua do Centro Cultural, no 41 1700-106 Lisbon,
Portugal
Phone: +351.(0)21.843.6780

KYOCERA MITA SOUTH AFRICA (PTY) LTD.
527 Kyalami Boulevard,
Kyalami Business Park Midrand,
South Africa
Phone: +27.(0)11.540.2600

KYOCERA MITA AMERICA, INC.

Headquarters:
225 Sand Road,
Fairfield, New Jersey 07004-0008,
U.S.A.
Phone: (973) 808-8444

KYOCERA MITA AUSTRALIA PTY. LTD.
Level 3, 6-10 Talavera Road, North Ryde,
N.S.W. 2113 Australia
Phone: (02) 9888-9999

KYOCERA MITA NEW ZEALAND LTD.
1-3 Parkhead Place, Albany
P.O. Box 302 125 NHPC, Auckland,
New Zealand
Phone: (09) 415-4517

KYOCERA MITA (THAILAND) CORP., LTD.
9/209 Ratchada-Prachachem Road,
Bang Sue, Bangkok 10800, Thailand
Phone: (02) 586-0320

KYOCERA MITA SINGAPORE PTE LTD.
121 Genting Lane, 3rd Level,
Singapore 349572
Phone: 67418733

KYOCERA MITA HONG KONG LIMITED
11/F., Mita Centre,
552-566, Castle Peak Road,
Tsuen Wan, New Territories,
Hong Kong
Phone: 24297422

KYOCERA MITA TAIWAN Corporation.
7F-1~2, No.41, Lane 221, Gangchi Rd.
Neihu District, Taipei, Taiwan, 114. R.O.C.
Phone: (02) 87511560

KYOCERA MITA Corporation

2-28, 1-chome, Tamatsukuri, Chuo-ku
Osaka 540-8585, Japan
Phone: (06) 6764-3555
<http://www.kyoceramita.com>

KYOCERA MITA AMERICA, INC.

Headquarters:

225 Sand Road,
Fairfield, New Jersey 07004-0008
TEL : (973) 808-8444
FAX : (973) 882-6000

New York Branch:

1410 Broadway 23rd floor
New York, NY 10018
TEL : (917) 286-5400
FAX : (917) 286-5402

Northeastern Region:

225 Sand Road,
Fairfield, New Jersey 07004-0008
TEL : (973) 808-8444
FAX : (973) 882-4401

Midwestern Region:

201 Hansen Court Suite 119
Wood Dale, Illinois 60191
TEL : (630) 238-9982
FAX : (630) 238-9487

Western Region:

14101 Alton Parkway,
Irvine, California 92618-7006
TEL : (949) 457-9000
FAX : (949) 457-9119

Southeastern Region:

1500 Oakbrook Drive,
Norcross, Georgia 30093
TEL : (770) 729-9786
FAX : (770) 729-9873

Southwestern Region:

2825 West Story Road,
Irving, Texas 75038-5299
TEL : (972) 550-8987
FAX : (972) 252-9786

National Operation Center

& National Training Center:

2825 West Story Road,
Irving, Texas 75038-5299
TEL : (972) 659-0055
FAX : (972) 570-5816

Latin America Division:

8240 N.W. 52nd. Terrace Dawson Building,
Suite 108 Miami, Florida 33166
TEL : (305) 421-6640
FAX : (305) 421-6666

KYOCERA MITA CANADA, LTD.

6120 Kestrel Road, Mississauga,
Ontario L5T 1S8, Canada
TEL : (905) 670-4425
FAX : (905) 670-8116

KYOCERA MITA MEXICO, S.A. DE C.V.

Av. 16 de Septiembre #407
Col. Santa Inés,
Azcapotzalco México,
D.F. 02130, México
TEL : (55) 5383-2741
FAX : (55) 5383-7804