

## **LASER PRINTER OPTIONS**

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### **PAPER FEED UNITS**

**B83TT - Stand/3 x 500 Sheet Paper Drawer**

**B83LT - Stand/MPD & 2000 Sheet Paper Drawer**

**B83MP - Multi-Purpose Drawer**

### **OPTIONAL POWER SUPPLY UNIT**

**B83PS - Power Supply**

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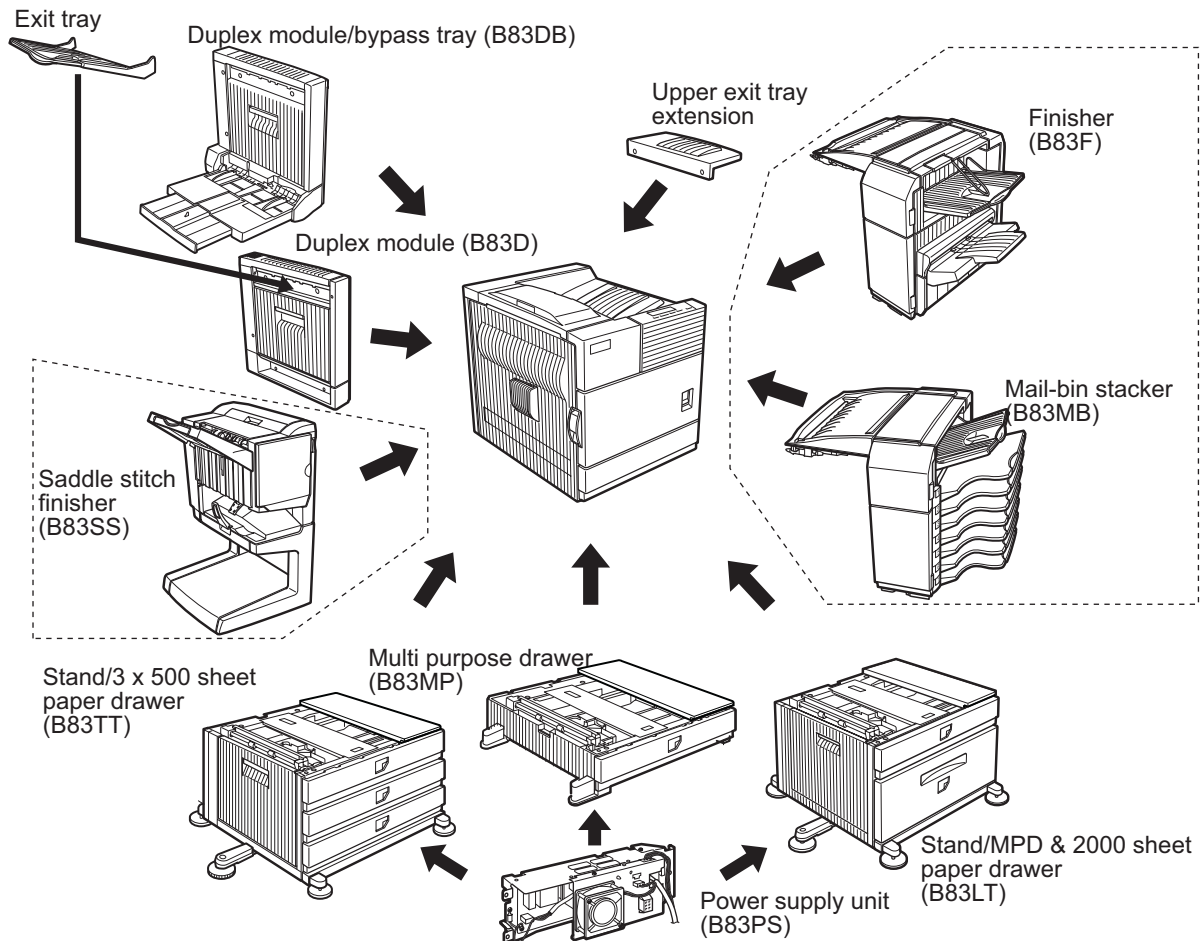
        Drive section 12

# [1] PRODUCT OUTLINE AND [2] CONFIGURATION

These units can be installed to serve as Paper feed modules.

- The large capacity paper feed desk (B83LT) or the 3-stage paper feed desk (B83TT) must be installed in advance, when installing the multi-purpose tray (B83MP). For the B83LT and the B83TT, the optional power unit (B83PS) must be installed as well.
- For either the Stand/MPD & 2000 sheet drawer (B83LT) or the Stand/3 x 500 sheet drawer (B83TT), the optional power unit (B83PS) must be installed as well.
- When the B83MP and the mail bin stacker (B83MB) or the finisher (B83F) are installed, the optional power unit (B83PS) must be installed as well.
- The B83MP Multi-purpose drawer cannot be installed together with the B83SS saddle stitch finisher.

## 1. Configuration Overview

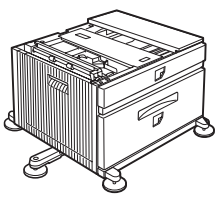


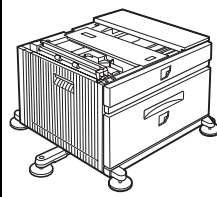
		Multi purpose drawer	Stand/3 x 500 sheet paper drawer	Stand/MPD & 2000 sheet	Duplex module/bypass tray	Duplex module	Saddle stitch finisher	Finisher	Mail-bin stacker	Exit tray	Upper exit tray extension	Punch unit	Print server card	PS3 expansion kit	Power Supply Unit	Hard disk drive
Related to paper feed unit	Multi Purpose Drawer	B83MP	-	X	X		X					X				○
	Stand/3x500 sheet paper drawer	B83TT	X	-	X											○
	Stand/MPD & 2000 sheet paper drawer	B83LT	X	X	-											

○ = Any of the units must be installed together.    X = Cannot be installed together.

# [3] SPECIFICATIONS

## 1. B83LT

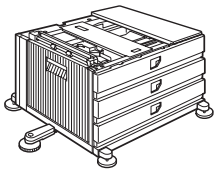
		<b>B83LT</b>
Type	Stand MPD & 2000 Sheet Paper Drawer (large capacity tray + multi purpose drawer)	
Transport speed	Supports 45 sheet/minute	
Transport alignment	Center alignment	
Paper size	1 Tray	A3, B4, A4, A4R, B5, B5R, A5R 11"x17", 8.5"x14", 8.5"x13", 8.5"x11", 8.5"x11"R, 5.5"x8.5"R Executive, Japanese p/c, Monarch (envelope) Com-10 (envelope), DL (envelope), C5 (envelope), ISO B5 (envelope)
	2 Tray	A4, 8.5"x11"
How to change the paper size	Guide adjustment by user / Software setting by user	
Factory default paper size setting	1 Tray	8.5"x11"
	2 Tray	The size guide plate is packed together.
Media available for paper feeding	1 Tray	Plain paper: 60-128g/m <sup>2</sup> / 16-34lbs Index paper: 176g/m <sup>2</sup> / 47lbs Cover paper: 200-205g/m <sup>2</sup> / 54-55lbs Envelope: 75-90g/m <sup>2</sup> , 20-24lbs Transparency film * Media heavier than 105g/m <sup>2</sup> / 28lbs should be A4 / 8.5x11" or smaller. Media heavier than 128g/m <sup>2</sup> / 28lbs should be fed from shorter edge. * Only single paper feed is enabled for overlay copy or copy on back-side of printed paper.
	2 Tray	Plain 60-105g/m <sup>2</sup> / 16-28lbs
Paper capacity	1 Tray	Standard: 500sheets (80g/m <sup>2</sup> ) Post card: 40sheets Envelope: 40sheets Transparency film: 40sheets
	2 Tray	<ul style="list-style-type: none"> <li>• 880+1,320sheets (17 lbs / 64g/m<sup>2</sup>)</li> <li>• 800+1,200sheets (21lbs / 80g/m<sup>2</sup>)</li> </ul>
Paper type	1 Tray	Plain, recycled, pre-printed, pre-punched, color, letter head, labels, heavy, transparency, Japanese p/c, envelope
	2 Tray	Plain, recycled, pre-printed, pre-punched, color, letter head
Sizes to be detected	1 Tray	Automatic Auto-AB: A3, B4, A4, A4R, B5, B5R, 8.5"x13", A5R
		Automatic Auto-Inch: 11"x17", 8.5"x14", 8.5"x11", 8.5"x11"R, 7.25"x10.5"R, 5.5" x 8.5R
		Manual (input detection): postal card, Monarch (envelope), Com-10 (envelope), DL (envelope), C5 (envelope), ISO B5 (envelope)
	2 Tray	Ignore detection selectable: Size setting by the serviceman

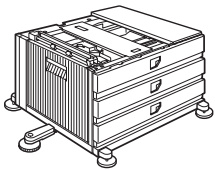
		<b>B83LT</b>
Paper balance detection	1 Tray	Provided (paper empty and 3 steps)
	2 Tray	Enable (Paper empty and 6 steps (3 steps + 3 steps))
Paper loading system		To be loaded from the upper side with front loading system
Tray ascent/descent time	Ascent	Within 12 seconds At paper empty, required time from tray insert to the empty detection
	Descent	Own weight descent
Dehumidification heater		Not provided
Power consumption		32.2W or lower
Power source		Supplied from main unit (DC24V 1.3A / DC5V 0.2A)
External dimensions		24.37" x 26.14" x 15.91" 619 x 664 x 404 (mm)
Occupied dimensions		29.33" x 26.14" 745 x 664 (mm)
Weight		Approx. 74.95 lbs (34kg)

Note: The meaning of "R" in paper size indications

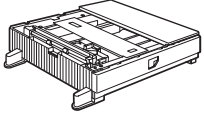
- Some paper sizes can be placed in the printer so that it feeds either long edge first or short edge first.
- To differentiate between the two sizes in the various tables, the short edge first size indication will contain an "R". These are indicated as 8½ x 11R, 5½ x 8½R, A4R, B5R, etc.
- Sizes that can be placed only in the landscape orientation (11 x 17, 8½ x 14, 8½ x 13, A3, B4) do not contain the "R" in their size indication.

## 2. B83TT

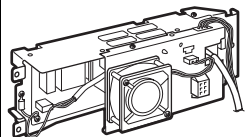
		<b>B83TT</b>
Type		Stand /3x500 Sheet Paper Drawer (2 paper trays + 1 multi purpose drawer)
Transport speed		To support 35-45 sheet/minute
Transport alignment		Center alignment
Paper size	1 Tray	A3, B4, A4, A4R, B5, B5R, A5R 11"x17", 8.5"x14", 8.5"x13", 8.5"x11", 8.5"x11"R, 5.5"x8.5"R Executive, Japanese p/c, Monarch (envelope) Com-10 (envelope), DL (envelope), C5 (envelope), ISO B5 (envelope)
	2 or 3 Tray	A3, B4, A4, A4R, B5, B5R 11"x17", 8.5"x14", 8.5"x13", 8.5"x11", 8.5"x11"R, 7.25"x10.5"R
How to change the paper size		Unit is delivered with paper guide set at max. position in width. (Both of two cassettes.)
Factory default paper size setting		To be set to maximum paper guide width at factory default status (for both trays)
Media available for paper feeding	1 Tray	Plain paper:60-128g/m <sup>2</sup> / 16-34lbs Index paper:176g/m <sup>2</sup> / 47lbs Cover paper:200-205g/m <sup>2</sup> / 54-55lbs Envelope:75-90g/m <sup>2</sup> , 20-24lbs Transparency film * Media heavier than 105g/m <sup>2</sup> / 28lbs should be A4/8.5x11" or smaller. Media heavier than 128g/ m <sup>2</sup> should be fed from shorter edge. * Only single paper feed is enabled for overlay copy or copy on back-side of printed paper.
	2 or 3 Tray	Plain 60-105g/m <sup>2</sup> / 16-28lbs
Paper capacity	1 Tray	Standard: 500sheets (21lbs / 80g/m <sup>2</sup> ) Post card: 40sheets Envelope: 40sheets Transparency film: 40sheets
	2 or 3 Tray	Standard paper: 500sheets X 2 (64g/m <sup>2</sup> )
Paper type	1 Tray	Plain, recycled, pre-printed, pre-punched, color, letter head, labels, heavy, transparency, Japanese p/c, envelope
	2 or 3 Tray	Plain, recycled, pre-printed, pre-punched, color, letter head
Sizes to be detected	1 Tray	Automatic Auto-AB: A3, B4, A4, A4R, B5, B5R, 8.5"x13", A5R
		Automatic Auto-Inch: 11"x17", 8.5"x14", 8.5"x11", 8.5"x11"R, 7.25"x10.5"R, 5.5" x 8.5R
		Manual (input detection): postal card, Monarch (envelope), Com-10 (envelope), DL (envelope), C5 (envelope), ISO B5 (envelope)
		Ignore detection selectable:
2 or 3 Tray	Automatic detection-inch (100V system): 11"x17", 8.5"x14", 8.5"x13", 8.5"x11", 8.5"x11"R, 7.25"x10.5"R	
Paper balance detection		Provided (paper empty and 3 steps)
Paper loading system		To be loaded from the upper side with front loading system

		<b>B83TT</b>
Tray ascent/ descent time	Ascent	Within 7 seconds At paper empty, required time from tray insert to the empty detection
	Descent	Own weight descent
Dehumidification heater		Included in the service kit.
Power consumption		32.2W or lower
Power source		Supplied from main unit (DC24V 1.3A / DC5V 0.2A)
External dimensions		24.37" x 26.14" x 15.91" 619 x 664 x 404 (mm)
Occupied dimensions		29.33" x 26.14" 745 x 664 (mm)
Weight		Approx. 74.95 lbs (34kg)

### 3. B83MP

		<b>B83MP</b>
Type	Multi purpose drawer	
Transport speed	To support 35-55 sheets/minute	
Transport alignment	Center alignment	
Paper size	A3, B4, A4, A4R, B5, B5R, A5R 11"x17", 8.5"x14", 8.5"x13", 8.5"x11", 8.5"x11"R, 5.5"x8.5"R Executive, Japanese p/c, Monarch (envelope) Com-10 (envelope), DL (envelope), C5 (envelope), ISO B5 (envelope)	
How to change the paper size	Guide adjustment by user / Software setting by user	
Factory default paper size setting	To be set to maximum paper guide width at factory default status.	
Media available for paper feeding	Plain paper: 60-128g/m <sup>2</sup> / 16-34lbs Index paper: 176g/m <sup>2</sup> / 47lbs Cover paper: 200-205g/m <sup>2</sup> / 54-55lbs Envelope: 75-90g/m <sup>2</sup> , 20-24lbs Transparency film * Media heavier than 105g/m <sup>2</sup> / 28lbs should be A4/8.5x11" or smaller. Media heavier than 128g/m <sup>2</sup> / 34lbs should be fed from shorter edge. * Only single paper feed is enabled for overlay copy or copy on back-side of printed paper.	
Paper capacity	Standard: 500sheets (80g/m <sup>2</sup> ) Post card: 40sheets Envelope: 40sheets Transparency film: 40sheets	
Paper type	Plain, recycled, pre-printed, pre-punched, color, letter head, labels, heavy, transparency, Japanese p/c, envelope	
Sizes to be detected	Automatic Auto-AB: A3, B4, A4, A4R, B5, B5R, 8.5"x13", A5R	
	Automatic Auto-Inch: 11"x17", 8.5"x14", 8.5"x11", 8.5"x11"R, 7.25"x10.5"R, 5.5" x 8.5R	
	Manual (input detection): postal card, Monarch (envelope), Com-10 (envelope), DL (envelope), C5 (envelope), ISO B5 (envelope)	
	Ignore detection selectable:	
Paper balance detection	Provided (paper empty and 3 steps)	
Paper loading system	To be loaded from the upper side with front loading system	
Tray ascent/descent time	Ascent	Within 7 seconds At paper empty, required time from tray insert to the empty detection
	Descent	Own weight descent
Dehumidification heater	Included in the service kit.	
Power consumption	24.5W or lower	
Power source	Supplied from main unit (DC24V 1A / DC5V 0.1A)	
External dimensions	25.75" x 22.32" x 5.67" 654 x 567 x 144 (mm)	
Occupied dimensions	25.94" x 22.32" 659x567 (mm)	
Weight	Approx. 24.25lbs (11kg)	

### 4. B83PS

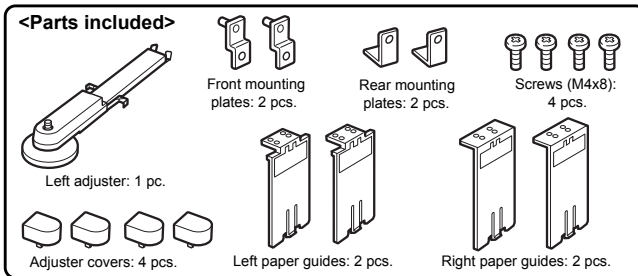
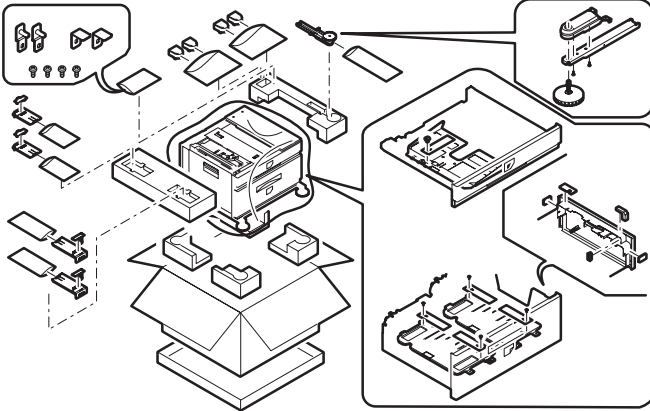
		<b>B83PS</b>
Input	AC 100-127V / 220-240V (Two kinds)	
Output	DC 24V , 5V	

# [4] UNPACKING AND INSTALLATION

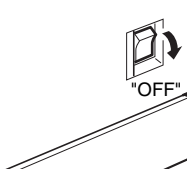
## 1. Stand/MPD & 2000 Sheet Paper Drawer - B83LT

### A. Before installation

- Start installation after checking that the DATA and COMMUNICATION indicators on the operation panel are neither lit nor blinking.
- For installation, a power supply unit (B83PS) is needed.

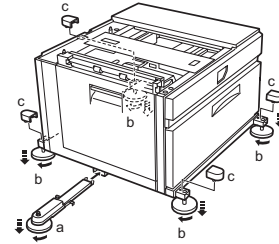


1. Turn the main switch located on the front side of the printer to the "OFF" position. Then remove the power plug from the outlet.



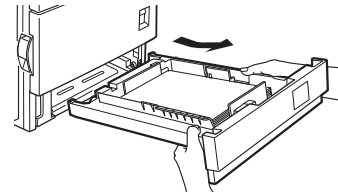
2. Stabilizer install and adjustment:
  - a. Insert the central bar to the stand/paper drawer.  
Note: Be sure to attach the left adjuster first to prevent overturning.

- b. Rotate and lower each stabilizer until they reach the floor.
- c. Attach the four stabilizer covers.

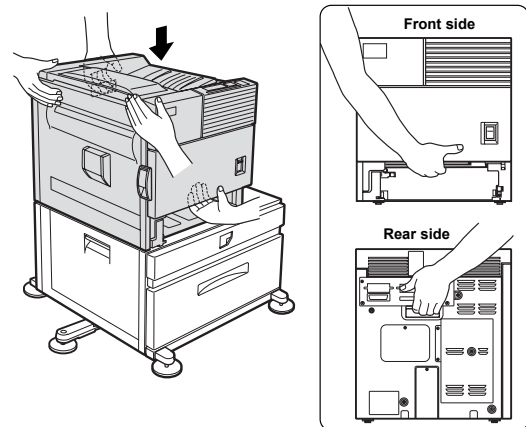


*Caution: The lower tray cannot be pulled out unless the adjuster is lowered to the specified position.*

3. Place the main unit of the printer on the stand/paper drawer.
  - a. Pull out the paper tray of the main unit until it stops and then remove it by lifting both ends of the tray.



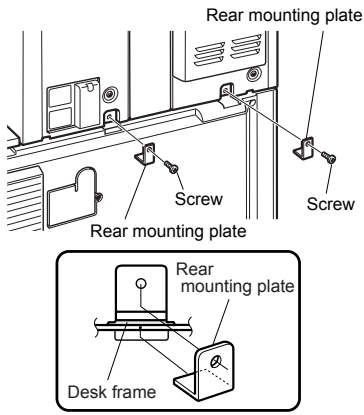
- b. Hold the main unit of the printer at the positions shown in the illustration and place the printer on the stand/paper drawer so that the front side and the left side of the main unit are aligned to those of the stand/paper drawer.



*Caution: For installation of the main unit, it must be held by two people and installed carefully.*

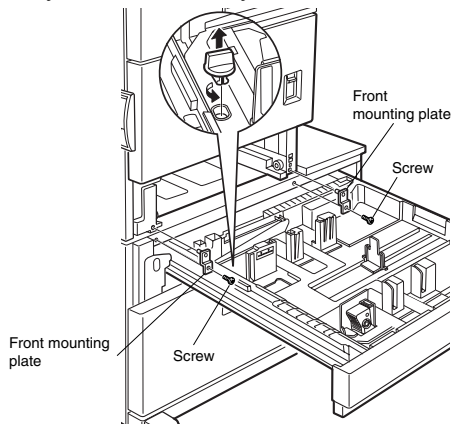
4. Connect the main unit to the stand/paper drawer.

- a. Attach the rear mounting plates using a supplied screw for each.

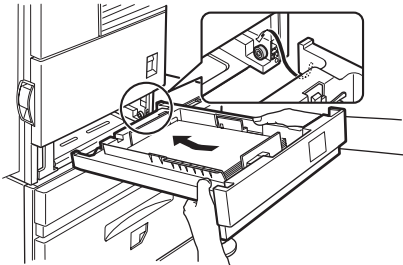


*Caution: Insert the rear mounting plates under the desk frame.*

- b. Pull out the upper paper tray of the stand/paper drawer until it stops and attach the front mounting plates using a supplied screw for each. Then, remove the lock of the paper tray and close the tray.

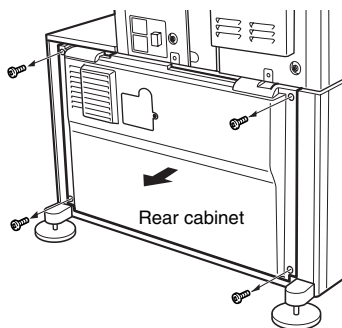


- c. Reattach the paper tray of the main unit.

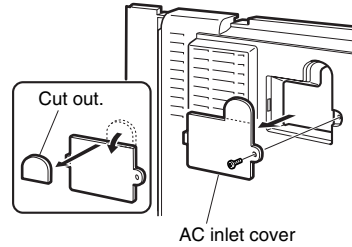


5. Remove the rear cabinet of the stand/paper drawer and remove the AC inlet cover.

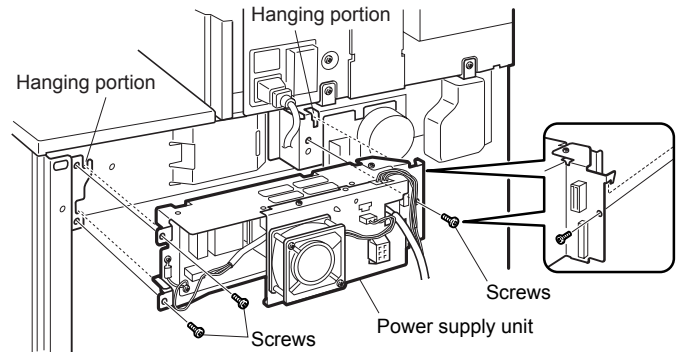
- a. Remove the four screws that fix the rear cabinet and then remove the rear cabinet.



- b. Remove the screw that secures the AC inlet cover and then remove the AC inlet cover.
- c. Configure the AC inlet cover as shown in the illustration.

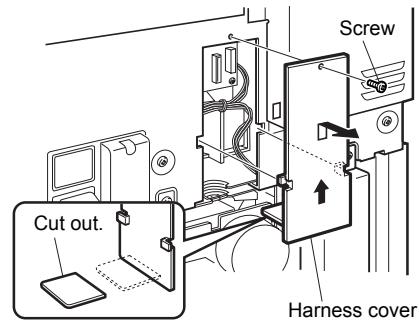


6. Attach the power supply unit (B83PS). Attach the power supply unit to the hanging portions and secure it using the three supplied screws.

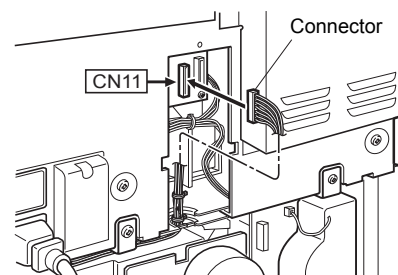


7. Connect the power supply unit harness to the PCU PWB of the main unit of the printer.

- a. Remove the screw that secures the harness cover of the main unit of the printer and slide the harness cover up to remove it. Configure the harness cover as shown in the illustration.



- b. Connect the optional power supply harness connector to CN11 (red connector) of the PCU PWB of the main unit of the printer.

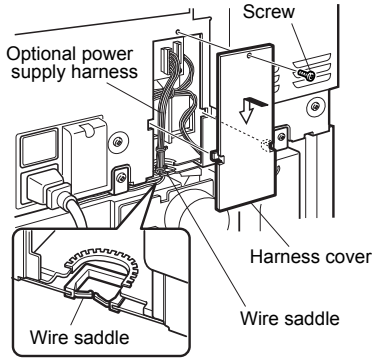


- c. Reattach the harness cover to its original position and fix it with the removed screw. At this time, ensure that the

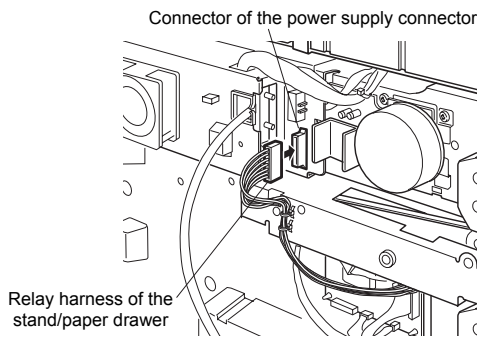


optional power supply harness are arranged as shown in the illustration.

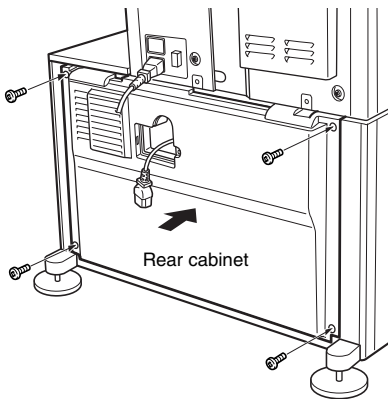
- d. Fix the harness securely to the wire saddle.



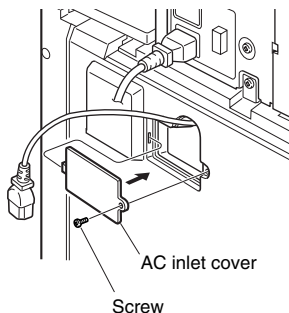
8. Connect the relay harness of the stand/paper drawer to the power supply unit. Connect the relay harness of the stand/paper drawer to the connector of the power supply unit.



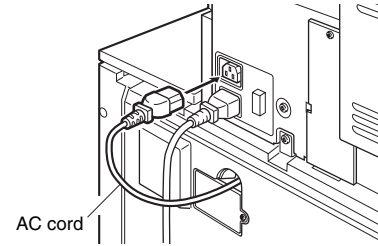
9. Attach the rear cabinet of the stand/paper drawer.
  - a. Pass the cord of the power supply unit through the hole of the rear cabinet and attach the rear cabinet to the stand/paper drawer.



- b. Attach the AC inlet cover to the rear cabinet of the stand/paper drawer and secure it with the removed screw.



10. Connect the AC cord of the power supply unit to the outlet connector of the main unit of the printer at the location shown in the illustration.



11. Attach the paper guides to the lower tray (large capacity tray) and set the size. Refer to "Setting and adjustment" described later.

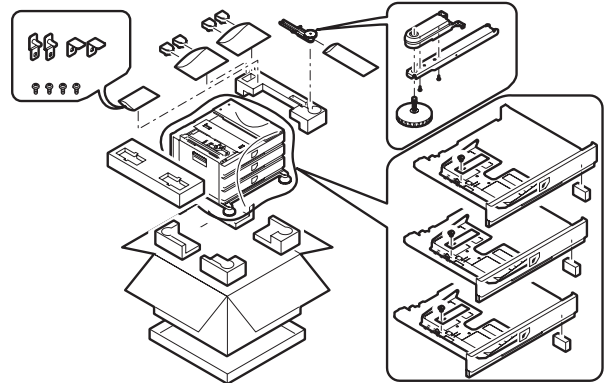
Note: If another peripheral device must be installed, carry out the following step at the end of the installation work.

12. Adjust the position of the paper guides of the upper paper tray of the stand/paper drawer. Refer to "Setting and adjustment" described later.
13. Perform the off center adjustment.

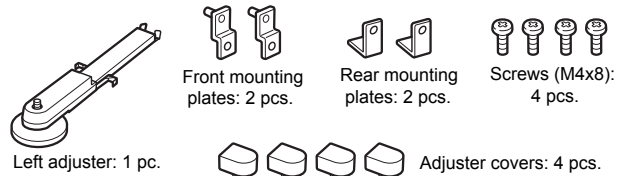
## 2. Stand/3 x 500 Sheet Paper Drawer - B83TT

### A. Before installation

- Start installation after checking that the DATA and COMMUNICATION indicators on the operation panel are neither lit nor blinking.
- For installation, a power supply unit (B83PS) is needed.



#### <Parts included>

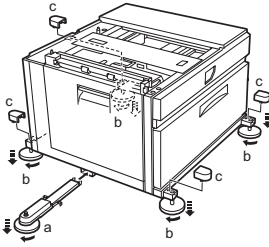


1. Turn the main switch located on the front side of the printer to the "OFF" position. Then remove the power plug from the outlet.



2. Stabilizer install and adjustment:

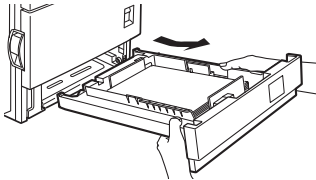
- a. Insert the central bar to the stand/paper drawer.
- Note: Be sure to attach the left adjuster first to prevent overturning.
- b. Rotate and lower each stabilizer until they reach the floor.
- c. Attach the four stabilizer covers.



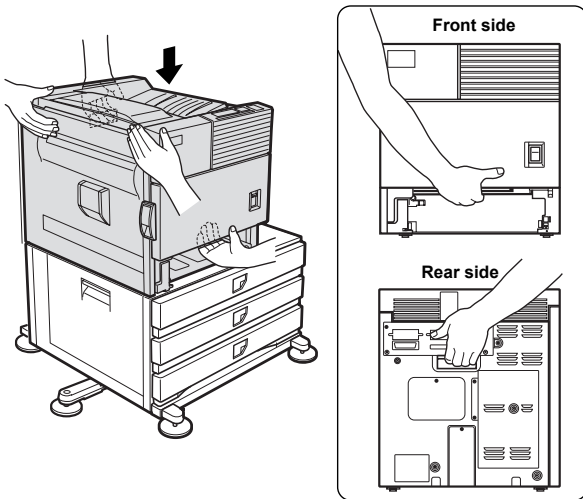
Caution: The lower tray cannot be pulled out unless the adjuster is lowered to the specified position.

3. Place the main unit of the printer on the stand/paper drawer.

- a. Pull out the paper tray of the main unit until it stops and then remove it by lifting both ends of the tray.



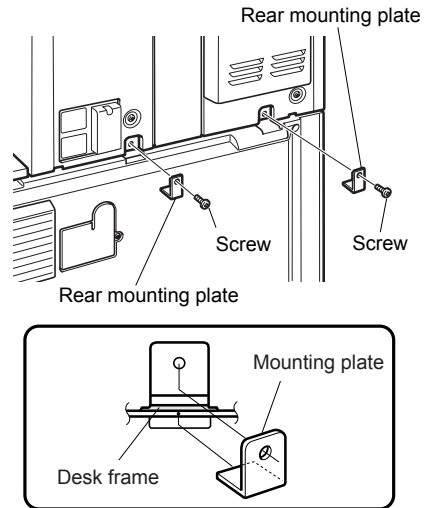
- b. Hold the main unit of the printer at the positions shown in the illustration and put the main unit on the stand/paper drawer so that the front side and the left side of the main unit are aligned to those of the stand/paper drawer.



Caution: For installation of the main unit, it must be held by two persons and installed without haste.

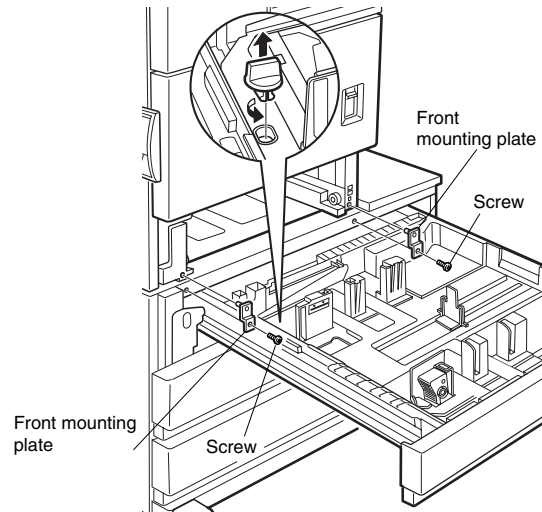
4. Connect the main unit to the stand/paper drawer.

- a. Attach the rear mounting plates using a supplied screw for each.

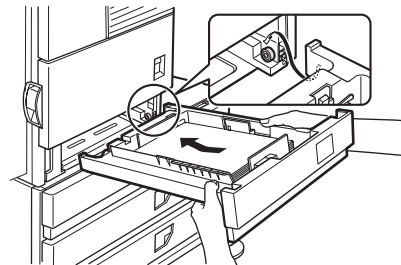


Caution: Insert the rear mounting plates under the desk frame.

- b. Pull out the upper paper tray of the stand/paper drawer until it stops and attach the front mounting plates using a supplied screw for each. Then, remove the lock of the paper tray and close the tray. Remove the locks of the middle tray and the lower tray similarly.

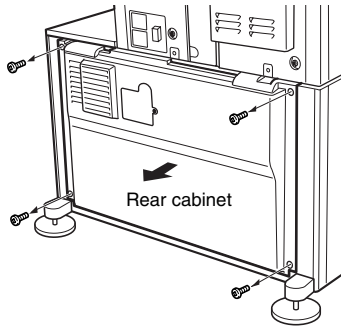


- c. Reattach the paper tray of the main unit.

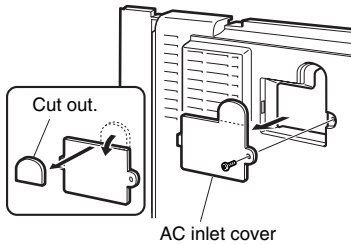


- 5. Remove the rear cabinet of the stand/paper drawer and remove the AC inlet cover.

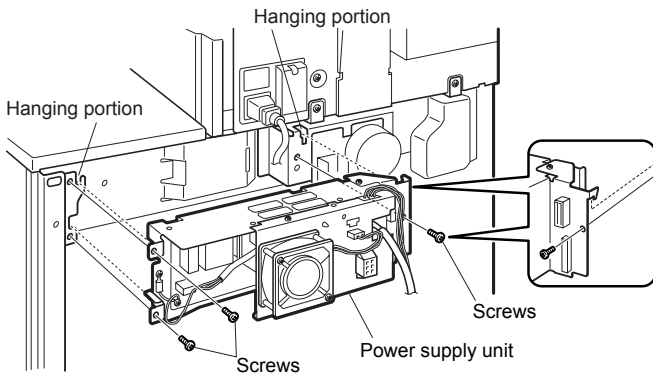
- a. Remove the four screws that fix the rear cabinet and then remove the rear cabinet.



- b. Remove the screw that fixes the AC inlet cover and then remove the AC inlet cover.
- c. Configure the AC inlet cover as shown in the illustration.

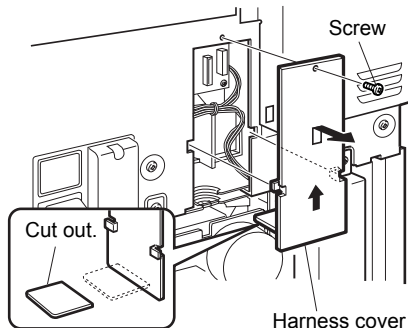


6. Attach the power supply unit (B83PS). Attach the power supply unit to the hanging portions and secure it using the three supplied screws.

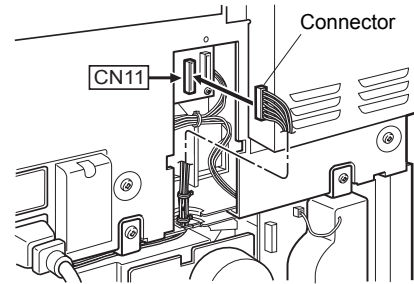


7. Connect the power supply unit harness to the PCU PWB of the main unit of the printer.

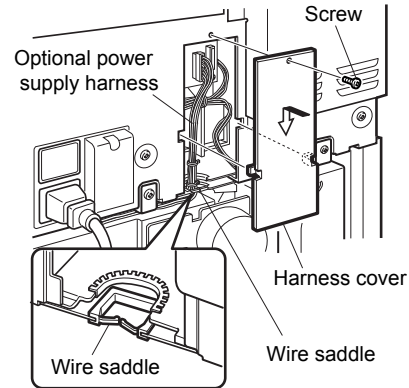
- a. Remove the screw that fixes the harness cover of the main unit of the printer and slide the harness cover up to remove it. Configure the harness cover as shown in the illustration.



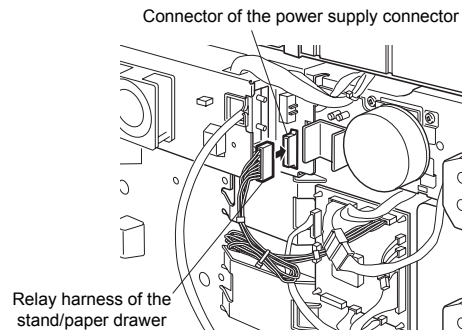
- b. Connect the optional power supply harness connector to CN11 (red connector) of the PCU PWB of the main unit of the printer.



- c. Reattach the harness cover to its original position and fix it with the removed screw. At this time, ensure that the optional power supply unit harness is arranged as shown in the illustration.
- d. Fix the harness securely to the wire saddle.

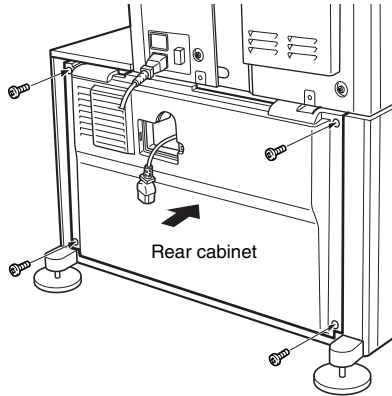


8. Connect the relay harness of the stand/paper drawer to the connector of the power supply unit.

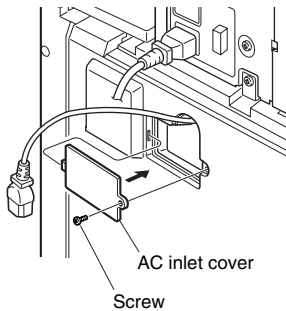


9. Attach the rear cabinet of the stand/paper drawer.

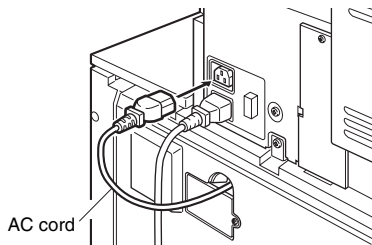
- a. Pass the cord of the power supply unit through the hole of the rear cabinet and attach the rear cabinet to the stand/paper drawer.



- b. Attach the AC inlet cover to the rear cabinet of the stand/paper drawer and fix it with the removed screw.



10. Connect the AC cord of the power supply unit to the outlet connector of the main unit of the printer at the location shown in the illustration.



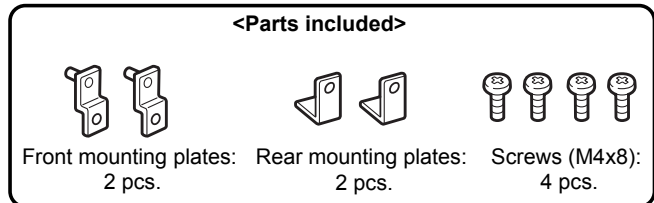
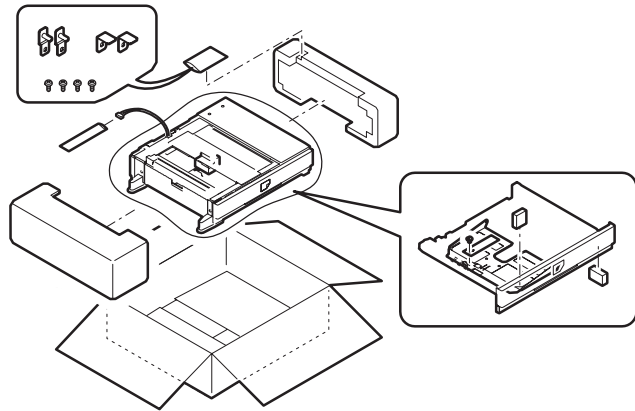
Note: If another peripheral device must be installed, carry out the following step at the end of the installation work.

11. Adjust the position of the paper guides of the upper paper tray of the stand/paper drawer. Refer to "Setting and adjustment" described later.
12. Carry out the off center adjustment.

### 3. B83MP

#### A. Before installation

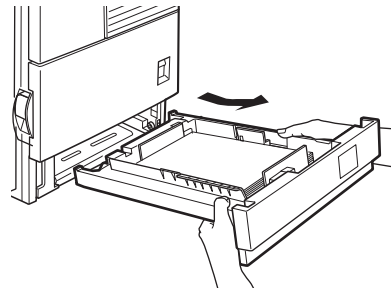
- When installing B83MP, if you install a finisher or mail-bin stacker together, a power supply unit (B83PS) is needed.



1. Turn the main switch located on the front side of the main unit to the "OFF" position. Then, remove the power plug of the main unit from the outlet.

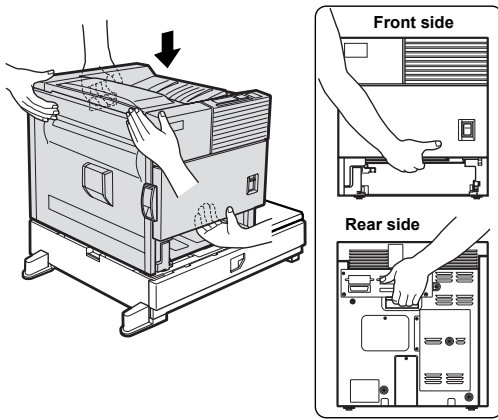


2. Place the main unit of the printer on the multi purpose drawer.
  - a. Pull out the paper tray of the main unit until it stops and then remove it by lifting both ends of the tray.



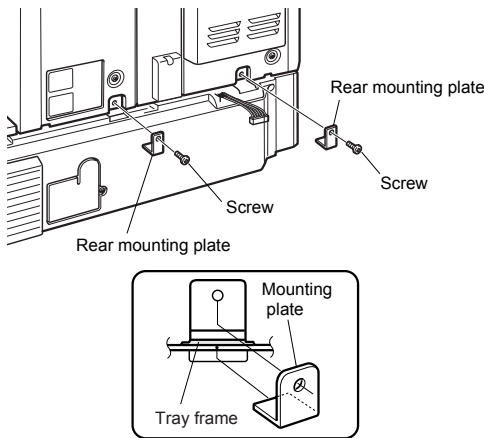
- b. Hold the main unit of the printer at the positions shown in the illustration and put the main unit on the multi purpose

drawer so that the front side and the left side of the main unit are aligned to those of the multi purpose drawer.



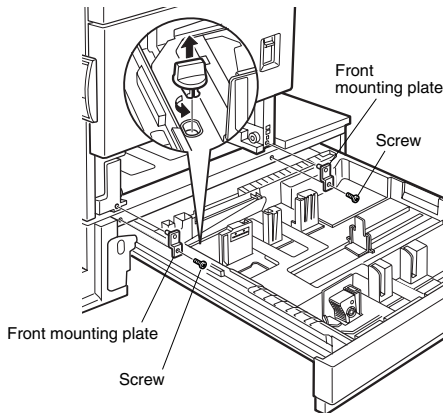
*Caution: For installation of the main unit, it must be held by two persons and installed without haste.*

3. Connect the main unit of the printer to the multi purpose drawer.
  - a. Attach the rear mounting plates using a supplied screw for each.

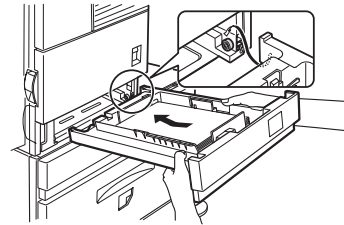


*Caution: Insert the mounting plate under the tray frame.*

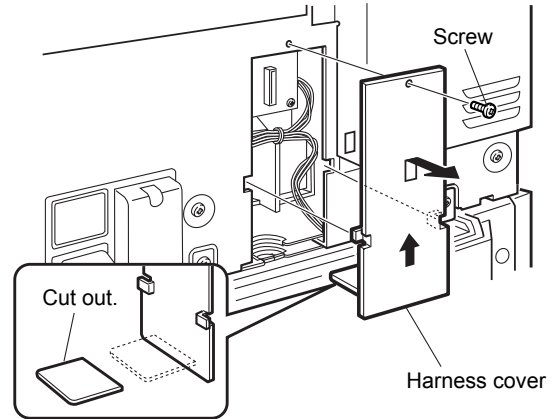
- b. Pull out the paper tray of the multi purpose drawer until it stops and attach the front mounting plates using a supplied screw for each. Then, remove the lock of the paper tray and close the tray.



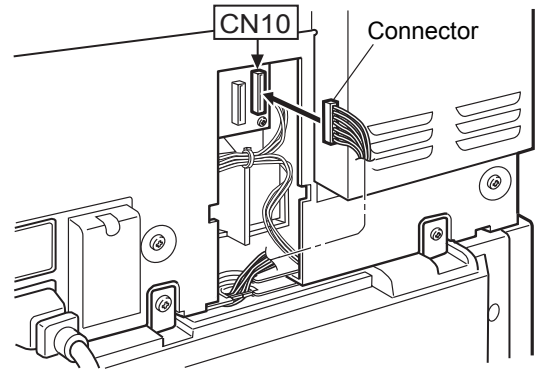
- c. Reattach the paper tray of the main unit of the printer.



4. Connect the harness to the main unit of the printer.
  - a. Remove the screw that fixes the harness cover of the main unit of the printer and then slide the harness cover up to remove it. Configure the harness cover as shown in the illustration.



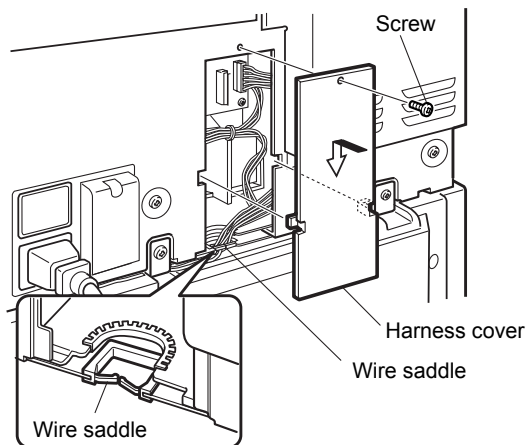
- b. Connect the connector of the relay harness of the multi purpose drawer to the connector of the PCU PWB of the main unit of the printer.



Note: For installation of a finisher or a mail-bin stacker, see its installation manual.

5. Reattach the harness cover to its original position and fix it with the removed screw. At this time, ensure that the power supply unit harness is arranged as shown in the illustration.

- Fix the harness securely to the wire saddle.



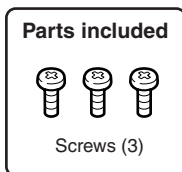
Note: If another peripheral device must be installed, carry out the following step at the end of the installation work.

6. Adjust the position of the paper guides of the paper tray. Refer to "Setting and adjustment" described later.
7. Carry out the off center adjustment.

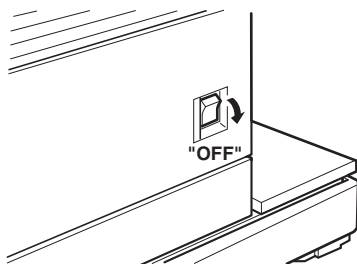
## 4. Power Supply - B83PS

### A. Before installation

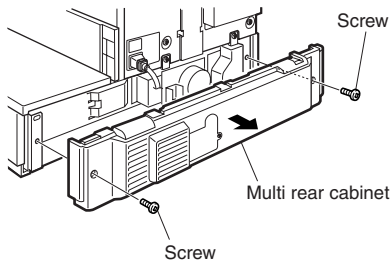
- Start installation after checking that the DATA indicator on the operation panel is not lit or blinking.



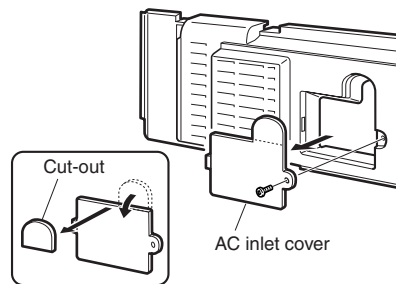
1. Turn the main switch located on the front of the printer to "OFF". Then, remove the power plug of the printer from the outlet.



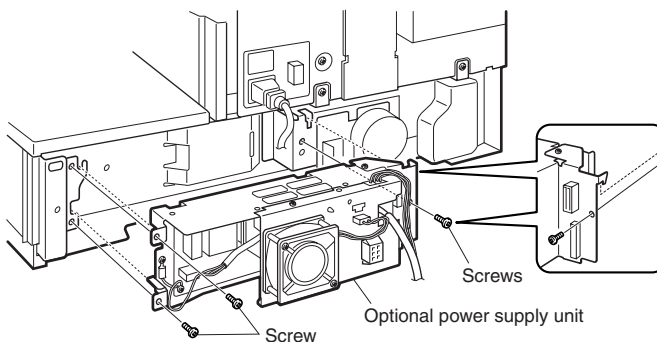
2. Remove the two screws that secure the multi rear cabinet and remove the multi rear cabinet.



3. Remove the screw that secures the AC inlet cover and remove the AC inlet cover. Configure the AC inlet cover as shown in the illustration.

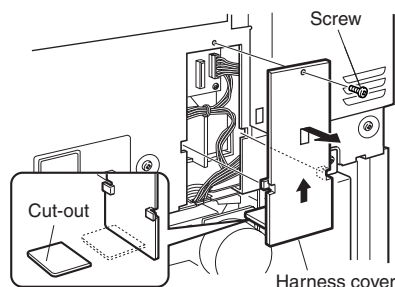


4. Attach an optional power supply unit to the positioning portion of the multi-purpose section and secure it with the three screws included in this product.

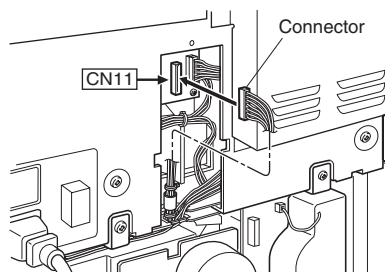


5. Connect the optional power supply harness to the PCU PWB of the printer.

- a. Remove the screw that secures the harness cover of the printer and slide the harness cover upward to remove it. Configure the harness cover as shown in the illustration.

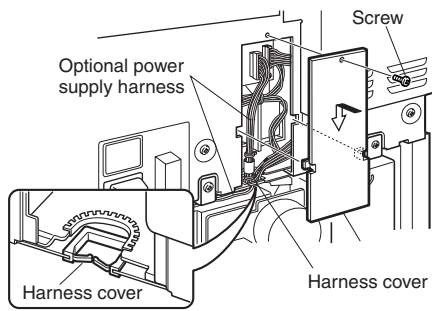


- b. Connect the connector of the optional power supply harness to CN11 of the PCU PWB of the printer.

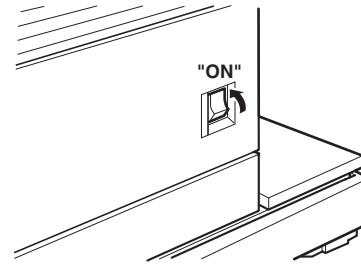


- c. Reattach the harness cover to its original position and secure it with the removed screw. At this time, check that

wiring of the optional power supply harness has been handled as shown in the illustration.

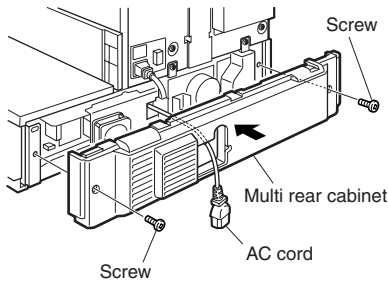


8. Insert the power plug of the printer to the outlet. Then, turn the main switch located on the front of the printer to "ON."

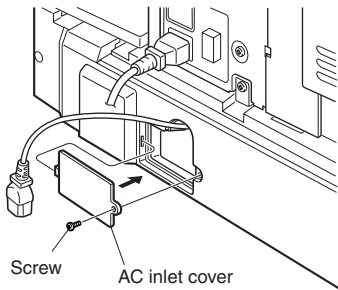


6. Attach the multi rear cabinet.

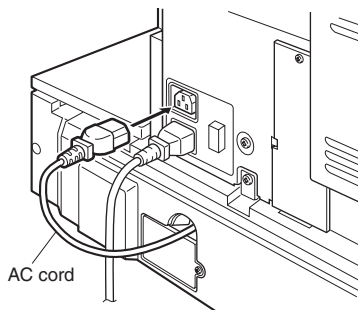
- a. Pass the AC cord of the optional power supply unit as shown in the illustration and secure the multi rear cabinet with the two screws.



- b. Attach the AC inlet cover to the multi rear cabinet and secure it with the removed screw.

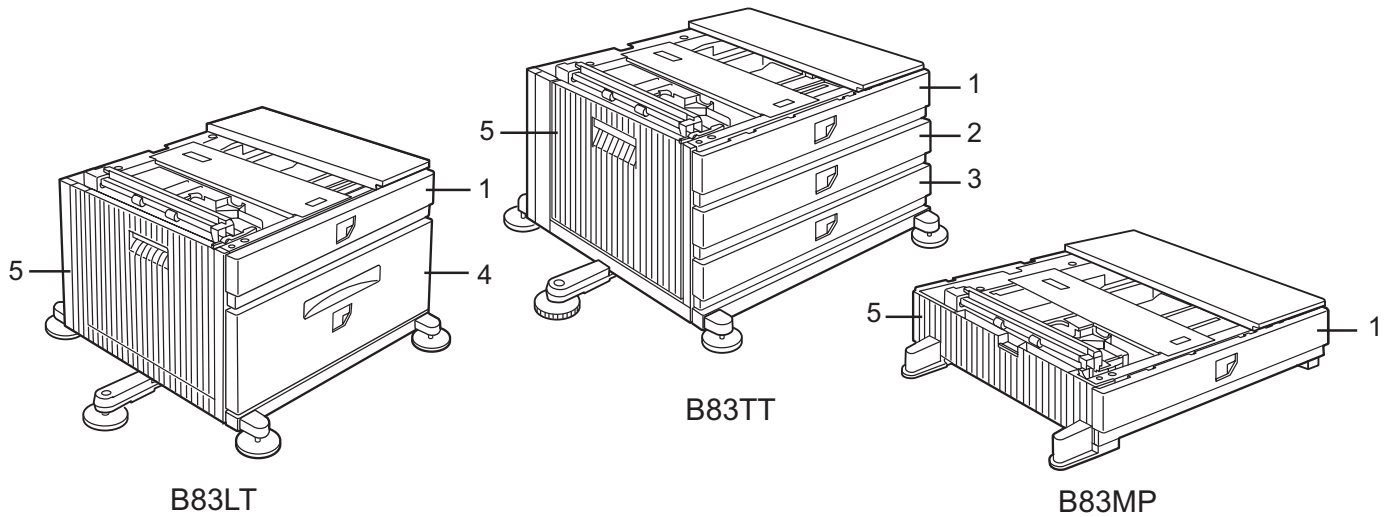


7. Connect the AC cord of the optional power supply unit to the position of the outlet connector of the printer shown in the illustration.



# [5] EXTERNAL VIEWS AND INTERNAL STRUCTURES

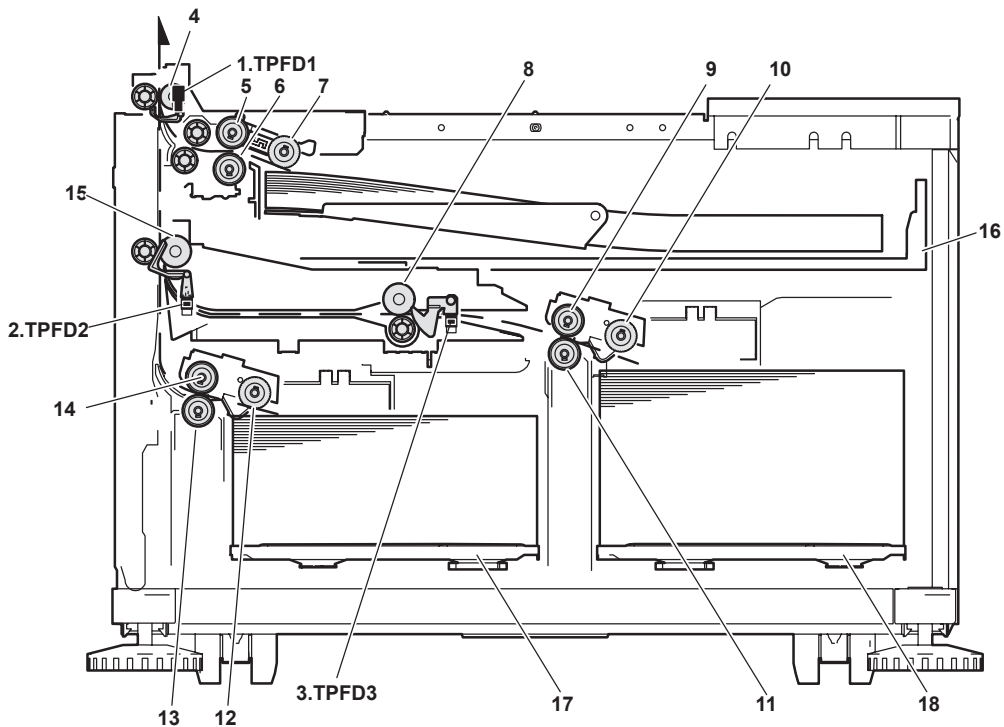
## 1. External view



1	Multi-purpose tray (No. 2 tray)	2	No. 3 tray	3	No. 4 tray
4	Large capacity tray	5	Desk left door		

## 2. Internal structure

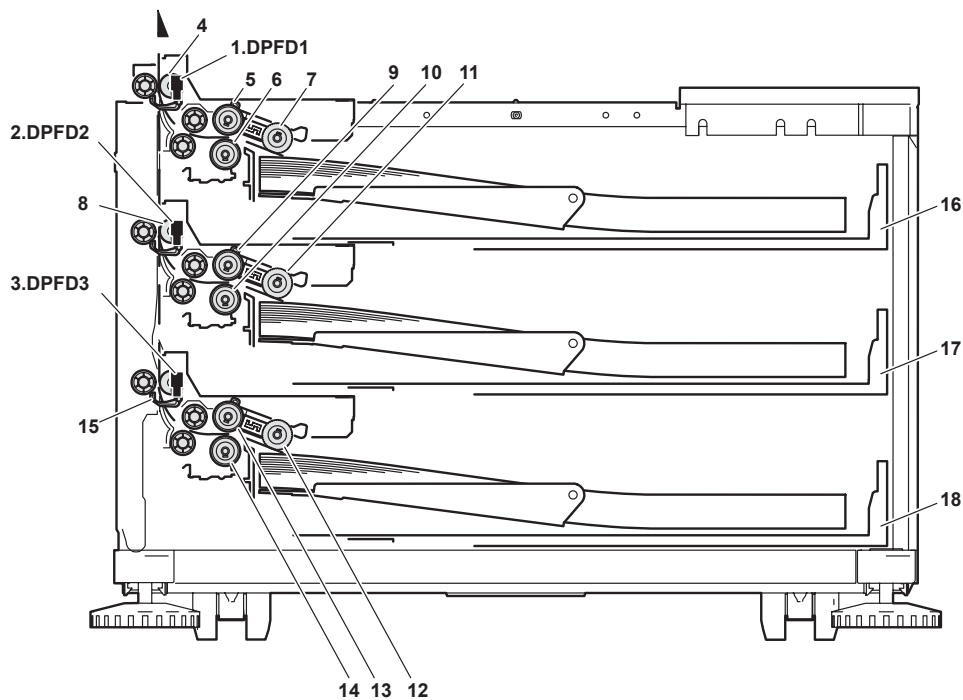
### A. B83LT - Stand/MPD & 2000 Sheet Paper Drawer



1	Tandem tray paper transport sensor 1 (TPFD1)	7	Multipurpose tray paper take-up roller	13	Tandem tray 1 separation roller
2	Tandem tray paper transport sensor 2 (TPFD2)	8	Tandem tray transport roller 2	14	Tandem tray 1 paper feed roller
3	Tandem tray paper transport sensor 3 (TPFD3)	9	Tandem tray 2 paper feed roller	15	Tandem tray paper transport roller 1
4	Multipurpose tray paper transport roller	10	Tandem tray 2 paper take-up roller	16	Multipurpose tray
5	Multipurpose tray paper feed roller	11	Tandem tray 2 separation roller	17	Tandem tray 1
6	Multipurpose tray separation roller	12	Tandem tray 1 take-up roller	18	Tandem tray 2

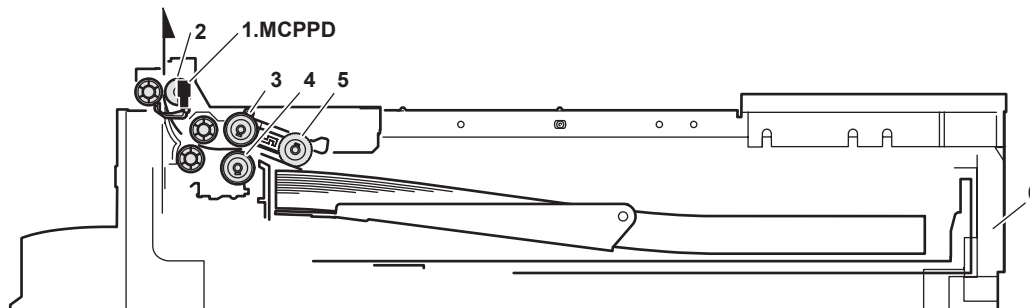


## B. B83TT - Stand/3x500 Sheet Paper Drawer



1	Desk paper transport sensor 1 (DPFD1)	7	Multipurpose tray paper take-up roller	13	Desk tray 3 paper feed roller
2	Desk paper transport sensor 2 (DPFD2)	8	Desk transport roller 2	14	Desk tray 3 paper feed roller
3	Desk paper transport sensor 3 (DPFD3)	9	Desk tray 2 paper feed roller	15	Desk tray 3 paper transport roller
4	Desk paper transport roller 1	10	Desk tray 2 paper separation roller	16	Multipurpose tray
5	Multipurpose tray paper feed roller	11	Desk tray 2 take-up roller	17	Desk tray 2
6	Multipurpose tray separation roller	12	Desk tray 3 take-up roller	18	Desk tray 3

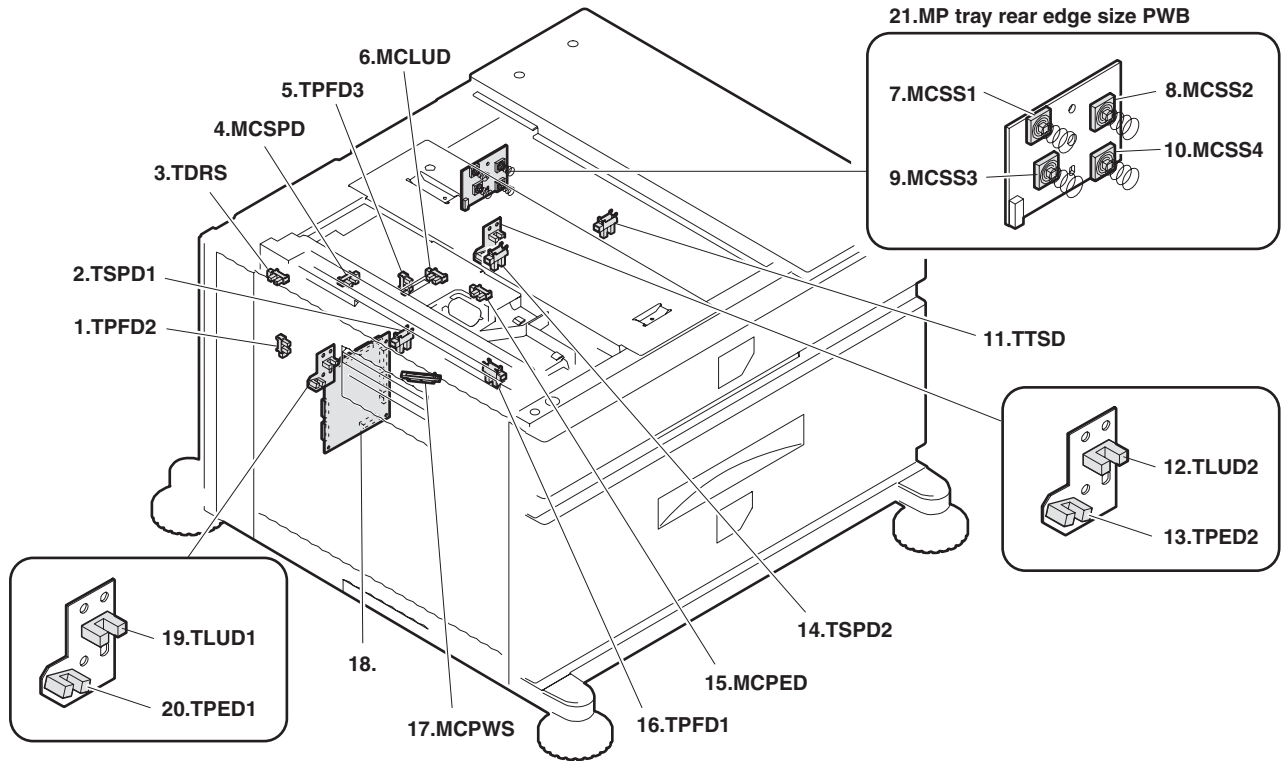
## C. B83MP - Multi-Purpose Drawer



1	Multipurpose tray paper transport sensor (MCPPD)	3	Multipurpose tray paper feed roller	5	Multipurpose tray paper take-up roller
2	Multipurpose tray paper transport roller	4	Multipurpose tray separation roller	6	Multipurpose tray

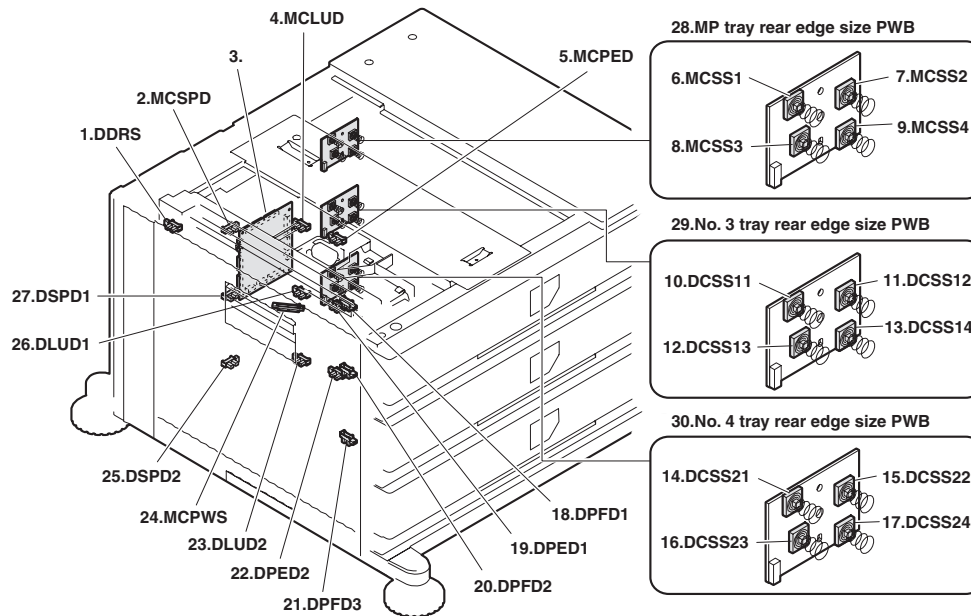
### 3. PWB - Print Wire Board, sensor

#### A. B83LT



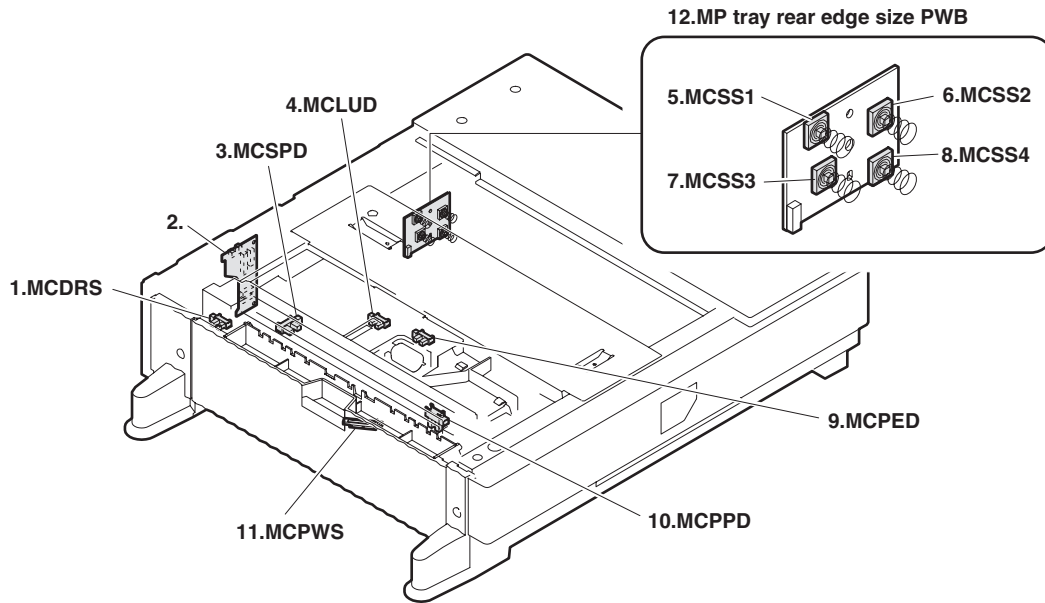
	Code	Name	Function	Active condition	Remark
1	TPFD2	Tandem tray paper transport sensor 2	Tandem tray paper transport detection	L : Paper detected	
2	TSPD1	Tandem 1 tray remaining paper quantity sensor	Tandem 1 tray remaining paper quantity detection		
3	TDRS	Side door open/close sensor	Side door open/close detection	H : Door closed	
4	MCSPD	MP tray remaining paper quantity sensor	MP tray remaining paper quantity detection		
5	TPFD3	Tandem tray paper transport sensor 3	Tandem tray paper transport detection	L : Paper detected	
6	MCLUD	MP tray upper limit sensor	MP tray upper limit detection	H : Upper limit detected	
7	MCSS1	MP tray rear edge sensor 1	MP tray rear edge size detection	L : When pressed	In MP tray rear edge size PWB
8	MCSS2	MP tray rear edge sensor 2	MP tray rear edge size detection	L : When pressed	In MP tray rear edge size PWB
9	MCSS3	MP tray rear edge sensor 3	MP tray rear edge size detection	L : When pressed	In MP tray rear edge size PWB
10	MCSS4	MP tray rear edge sensor 4	MP tray rear edge size detection	L : When pressed	In MP tray rear edge size PWB
11	TTSD	Tandem tray open/close sensor	Tandem tray open/close detection	H : Tray closed	
12	TLLD2	Tandem 2 tray upper limit sensor	Tandem tray 2 upper limit detection	L : Upper limit detected	
13	TPED2	Tandem 2 tray paper empty sensor	Tandem tray 2 paper empty detection	H : Paper loaded	
14	TSPD2	Tandem 2 tray remaining paper quantity sensor	Tandem 2 tray remaining paper quantity detection		
15	MCPED	MP tray paper empty sensor	MP tray paper empty detection	L : Paper loaded	
16	TPFD1	Tandem tray paper transport sensor 1	Tandem tray paper transport detection	L : Paper detected	
17	MCPWS	MP tray width sensor	MP tray paper width detection		Slide volume
18	Control PWB	Control PWB	Communication with the machine, machine operation control		
19	TLLD1	Tandem 1 tray upper limit sensor	Tandem tray 1 upper limit detection	L : Upper limit detected	
20	TPED1	Tandem 1 tray paper empty sensor	Tandem tray 1 paper empty detection	H : Paper loaded	
21	MP tray rear edge size PWB	MP tray rear edge size PWB	Multi-purpose tray rear edge size detection		

## B. B83TT



	Code	Name	Function	Active condition	Remark
1	DDRS	Side door open/close sensor	Side door open/close detection	H : Door closed	
2	MCSPD	MP tray remaining paper quantity sensor	MP tray remaining paper quantity detection		
3	Control PWB	Control PWB	Communication with the machine, machine operation control		
4	MCLUD	MP tray upper limit sensor	MP tray upper limit detection	H : Upper limit detected	
5	MCPED	MP tray paper empty sensor	MP tray paper empty detection	L : Paper loaded	
6	MDSS1	MP tray rear edge sensor 1	MP tray rear edge size detection	L : When pressed	In MP tray rear edge size PWB
7	MCSS2	MP tray rear edge sensor 2	MP tray rear edge size detection	L : When pressed	In MP tray rear edge size PWB
8	MCSS3	MP tray rear edge sensor 3	MP tray rear edge size detection	L : When pressed	In MP tray rear edge size PWB
9	MCSS4	MP tray rear edge sensor 4	MP tray rear edge size detection	L : When pressed	In MP tray rear edge size PWB
10	DCSS11	No. 3 tray rear edge sensor 1	No. 3 tray rear edge size detection	L : When pressed	In No. 3 tray rear edge size PWB
11	DCSS12	No. 3 tray rear edge sensor 2	No. 3 tray rear edge size detection	L : When pressed	In No. 3 tray rear edge size PWB
12	DCSS13	No. 3 tray rear edge sensor 3	No. 3 tray rear edge size detection	L : When pressed	In No. 3 tray rear edge size PWB
13	DCSS14	No. 3 tray rear edge sensor 4	No. 3 tray rear edge size detection	L : When pressed	In No. 3 tray rear edge size PWB
14	DCSS21	No. 4 tray rear edge sensor 1	No. 4 tray rear edge size detection	L : When pressed	In No. 4 tray rear edge size PWB
15	DCSS22	No. 4 tray rear edge sensor 2	No. 4 tray rear edge size detection	L : When pressed	In No. 4 tray rear edge size PWB
16	DCSS23	No. 4 tray rear edge sensor 3	No. 4 tray rear edge size detection	L : When pressed	In No. 4 tray rear edge size PWB
17	DCSS24	No. 4 tray rear edge sensor 4	No. 4 tray rear edge size detection	L : When pressed	In No. 4 tray rear edge size PWB
18	DPFD1	Desk paper transport sensor 1	Desk paper transport detection	L : Paper detected	
19	DPED1	N. 3 tray paper empty sensor	N. 3 tray paper empty detection	L : Paper loaded	
20	DPFD2	Desk paper transport sensor 2	Desk paper transport detection	L : Paper detected	
21	DPFD3	Desk paper transport sensor 3	Desk paper transport detection	L : Paper detected	
22	DPED2	No. 4 tray paper empty sensor	No. 4 tray paper empty detection	L : Paper loaded	
23	DLUD2	No. 4 tray upper limit sensor	No. 4 tray upper limit detection	H : Upper limit detected	
24	MCPWS	MP tray width sensor	MP tray paper width detection	Analog voltage	Slide volume
25	DSPD2	No. 4 tray remaining paper quantity sensor	No. 4 tray remaining paper quantity detection		
26	DLUD1	No. 3 tray upper limit sensor	No. 3 tray upper limit detection	H : Upper limit detected	
27	DSPD1	No. 3 tray remaining paper quantity sensor	No. 3 tray remaining paper quantity detection		
28	MP tray rear edge size PWB	MP tray rear edge size PWB	MP tray rear edge size detection		
29	No. 3 tray rear edge size PWB	No. 3 tray rear edge size PWB	No. 3 tray rear edge size detection		
30	No. 4 tray rear edge size PWB	No. 4 tray rear edge size PWB	No. 4 tray rear edge size detection		

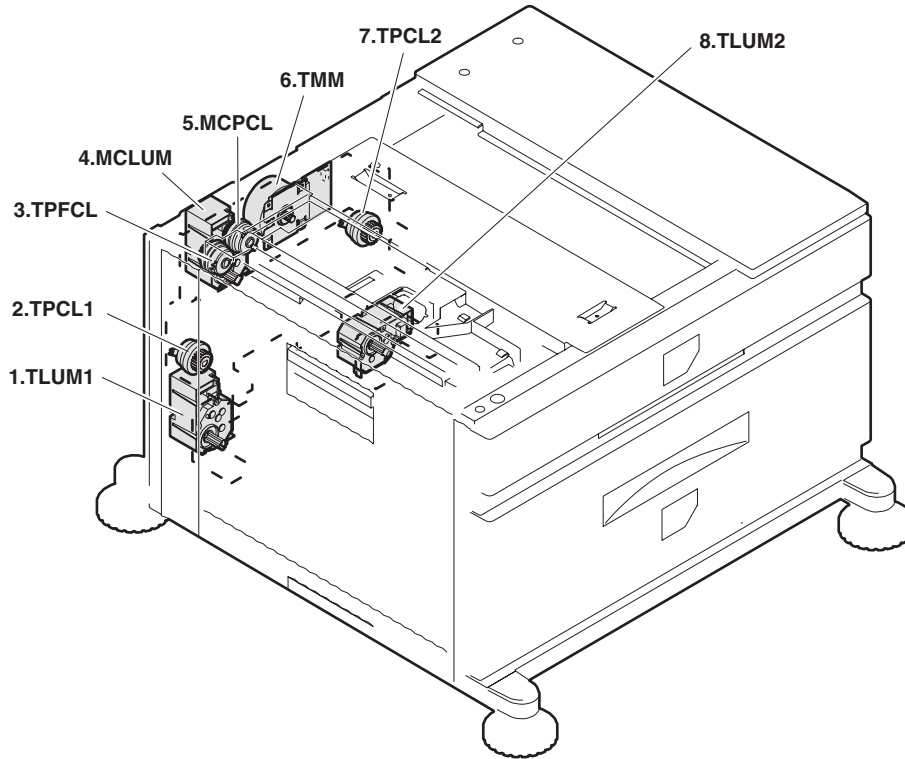
### C. B83MP



	Code	Name	Function	Active condition	Remark
1	MCDRS	MP door open / close sensor	MP left door open / close detection	H : Door closed	
2	Control PWB	Control PWB	Communication with the machine, machine operation control		
3	MCSPD	MP tray remaining paper quantity sensor	MP tray remaining paper quantity detection	L : When pressed	
4	MCLUD	MP tray upper limit sensor	MP tray upper limit detection	H : Upper limit detected	
5	MDSS1	MP tray rear edge sensor 1	MP tray rear edge size detection	L : When pressed	In MP tray rear edge size PWB
6	MCSS2	MP tray rear edge sensor 2	MP tray rear edge size detection	L : When pressed	In MP tray rear edge size PWB
7	MCSS3	MP tray rear edge sensor 3	MP tray rear edge size detection	L : When pressed	In MP tray rear edge size PWB
8	MCSS4	MP tray rear edge sensor 4	MP tray rear edge size detection	L : When pressed	In MP tray rear edge size PWB
9	MCPED	MP tray paper empty sensor	MP tray paper empty detection	L : Paper loaded	
10	MCPPD	MP transport sensor	Detection of paper on the path	L : Paper detected	
11	MCPWS	MP tray width sensor	MP tray paper width detection	Analog voltage	Slide volume
12	MP tray rear edge size PWB	MP tray rear edge size PWB	MP tray rear edge size detection		

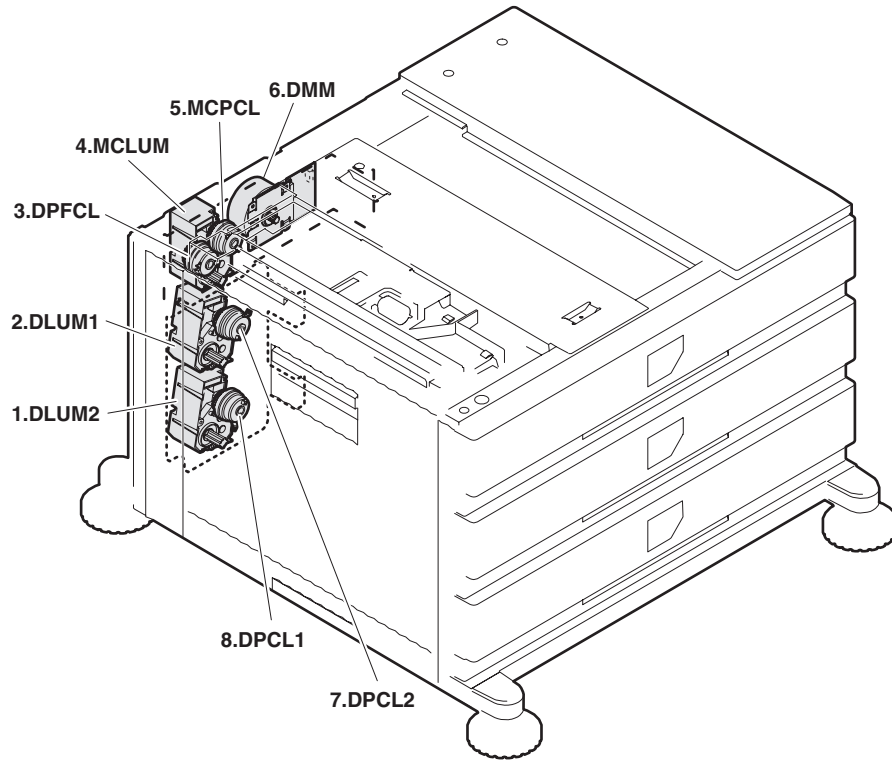
## 4. Motor, clutch

### A. B83LT



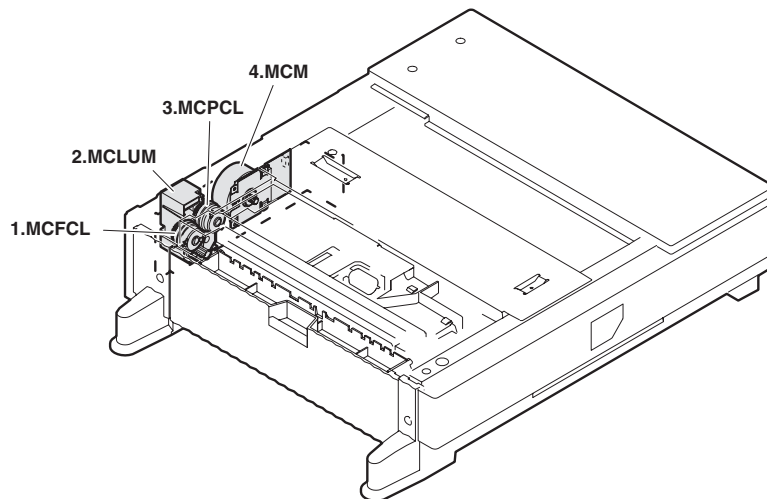
	<b>Code</b>	<b>Name</b>	<b>Function</b>	<b>Remark</b>
1	TLUM1	Tandem tray 1 lift-up motor	Tandem tray 1 lift-up	
2	TPCL1	Tandem tray 1 paper feed clutch	Clutch for paper feed from tandem tray 1	
3	TPFCL	LCC transport clutch	Clutch for transport from LCC desk	
4	MCLUM	Multi-purpose tray lift-up motor	Multi-purpose tray lift-up	
5	MCPCL	Multi-purpose paper feed clutch	Clutch for paper feed from Multi-purpose tray	
6	TMM	LCC transport motor	LCC desk paper transport	
7	TPCL2	Tandem tray 2 paper feed clutch	Clutch for paper feed from tandem tray 2	
8	TLUM2	Tandem tray 2 lift-up motor	Tandem tray 2 lift-up	

## B. B83TT



	Code	Name	Function	Remark
1	DLUM2	Desk 2 tray lift-up motor	Gate switch between duplex and paper exit	
2	DLUM1	Desk 1 tray lift-up motor	Cooling the machine and inside of ADU	
3	DPFCL	Desk transport clutch	Clutch for transport	
4	MCLUM	Multi-purpose tray lift-up motor	Multi-purpose tray lift-up	
5	MCPCL	Multi-purpose paper feed clutch	Clutch for paper feed from Multi-purpose tray	
6	DMM	3 tray desk transport motor	No. 3 tray desk paper transport	
7	DPCL2	Desk 2 tray paper feed clutch	Clutch for paper feed from desk tray 2	
8	DPCL1	Desk 1 tray paper feed clutch	Clutch for paper feed from desk tray 1	

## C. B83MP



	Code	Name	Function	Remark
1	MCFCL	Multi-purpose tray transport clutch	Multi-purpose tray transport clutch	
2	MCLUM	Multi-purpose tray lift-up motor	Multi-purpose tray lift-up	
3	MCPCL	Multi-purpose paper feed clutch	Clutch for paper feed from Multi-purpose tray	
4	MCM	Multi-purpose tray transport motor	Multi-purpose tray paper transport	

## [6] ADJUSTMENTS

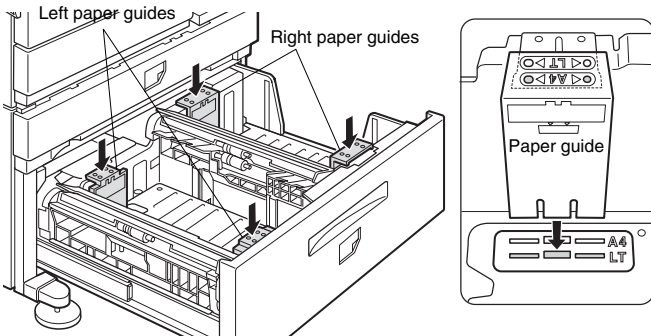
### 1. Multi purpose tray paper guide position adjustment (B83LT/B83TT/B83MP)

#### A. Adjustment procedures in diag (Printer model)

1. Turn the main switch on while pressing the **MENU** key and the **OK** key of the operation panel of the main unit of the printer.
2. Press the **MENU** key several times to display "SIZE ADJUSTMENT A" and press the **OK** key.
3. "MAXIMUM SIZE" is displayed. Pull out the paper tray and extend the paper guides to the maximum. Then, return the paper tray into the main unit and press the **OK** key.
4. "MINIMUM SIZE" is displayed. Pull out the paper tray again and narrow the paper guides to the minimum. Then, return the paper tray into the main unit and press the **OK** key.
5. Press the **BACK/CLEAR** key to exit the setting mode.

### 2. Large capacity tray size setup (B83LT)

1. Insert the left paper guides and right paper guides to the front and rear guide slots for the paper size to be used.

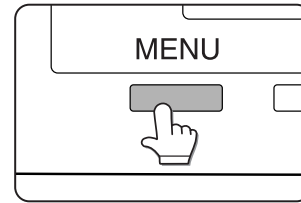


2. Turn the main switch on while pressing the **MENU** key and the **OK** key of the operation panel of the main unit of the printer.
3. After pressing the **MENU** key several times to display "TRAY 1 SIZE SETUP" in the message display, press the [  $\Delta$  ] key to display "LCC SIZE SETUP" and press the **OK** key.
4. Press the [  $\Delta$  ] or [  $\nabla$  ] key to change the size and press the **OK** key.
  - The large capacity tray paper size is A4 or LTR only.

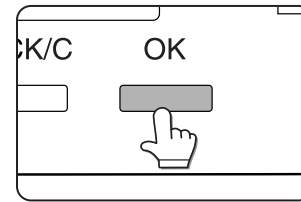
### 3. Setting the paper size and type

When the paper size or type is changed in a paper tray, set them referring to the following procedure.

1. Press the **MENU** key repeatedly until "CUSTOM SETTINGS" appear in the message display.



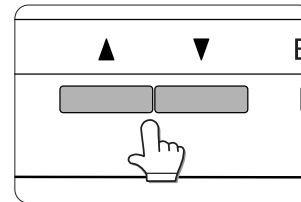
2. Press the **OK** key. When the **OK** key is pressed, "TRAY SETTING" will appear in the message display.



3. Press the **OK** key. When the **OK** key is pressed, the message shown to be left will appear in the message display.



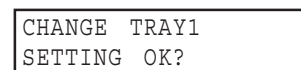
4. Select the desired paper tray. Press the [  $\Delta$  ] or [  $\nabla$  ] key repeatedly until the desired paper tray is indicated in the display.



5. Press the **OK** key. The paper size and paper type of the tray selected in step 4) will appear.
  - If TRAY 1 is selected in step 4), the message shown will appear in the display.



6. Press the [  $\nabla$  ] key.
  - If TRAY 1 is selected in step 4), the message will appear in the display.



7. Press the **OK** key. To cancel the setting change, press the **BACK/C** key to return to step 4).

NOTE: Special paper such as thick paper, transparency film, labels, and postcards can be set for tray 2 and the bypass tray. Envelopes can be set only for tray 2.

8. Select the paper type that has been set in the tray.  
Press the [  $\Delta$  ] or [  $\nabla$  ] key repeatedly until the paper type that has been set appears.

PLAIN  
OK?

9. Press the **OK** key.  
10. Ensure that the desired paper size is selected.  
Press the [  $\Delta$  ] or [  $\nabla$  ] key repeatedly until the desired paper size appears.

LETTER  
OK?

- Depending on the selected tray, a selection for "AUTO-AB" or "AUTO-INCH" may appear.
    - "AUTO-AB": Select when you have set AB system paper.
    - "AUTO-INCH": Select when you have set inch system paper.
  - When the paper system is changed from the inch system to the AB system or vice versa, the paper type must be designated. Select the paper type.
  - If you have set paper of non-standard size, select "NON STANDARD." This size can be selected when tray 2 or the bypass tray has been selected in step 4).
11. Press the **OK** key to terminate the setting.



# [7] DISASSEMBLY AND ASSEMBLY, MAINTENANCE

## 1. Maintenance System Table

× Check (Clean, replace, or adjust as necessary.)

○ Clean

▲ Replace

△ Adjust

☆ Lubricate

□ Move position

Unit name	Part name	When calling	50K	100K	150K	200K	250K	300K	350K	400K	Remark
Paper feed separation section	Paper feed rollers	(○)×	○	×	○	×	○	×	○	×	*1
	Torque limiter	(○)×		×		×		×		×	*1
Transport section	Transport rollers	○	○	○	○	○	○	○	○	○	
	Transport paper guides	○	○	○	○	○	○	○	○	○	
Drive section	Gears	☆		☆		☆		☆		☆	(Specified position)
	Belts							×			
Other	Sensors	×		×		×		×		×	

\*1: Replacement reference: Use the counter value of each paper feed port.

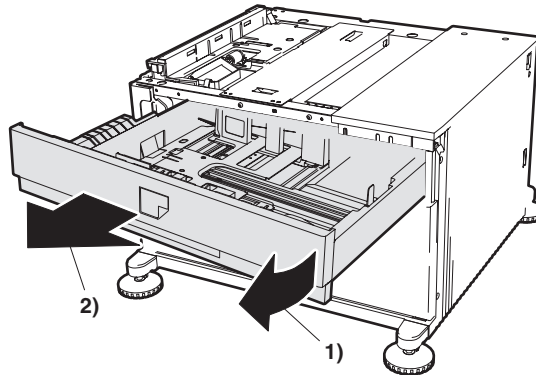
## 2. Maintenance

### A. B83LT

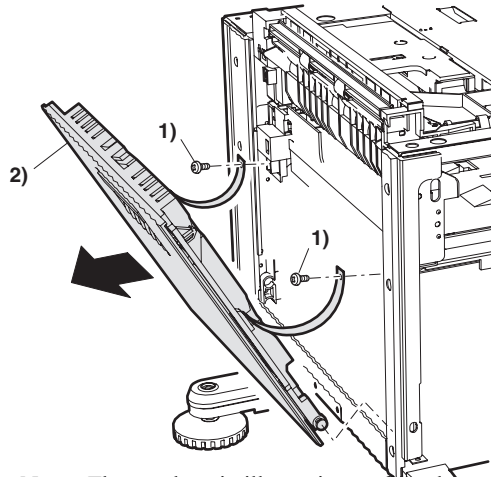
#### Multi-purpose paper feed section

#### Paper feed unit disassembly

1. Pull out the right side of the tray, and then pull out the left side.

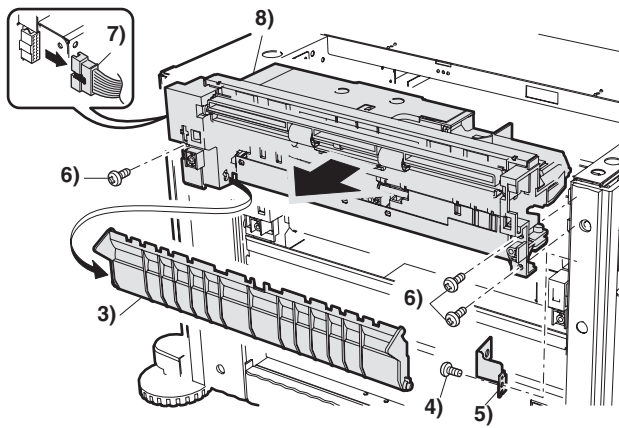


2. Remove the left door.

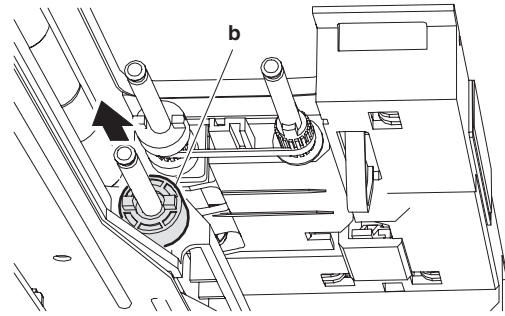


Note: The numbers in illustrations reflect the sequence required for disassembly/assembly.

3. Remove the multi-purpose paper feed unit.



4. After removing the roller, remove the torque limiter.

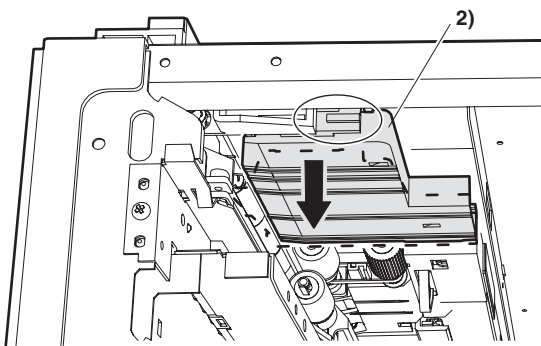


- When installing the torque limiter, check to insure that the pin is fully inserted into the torque limiter groove.

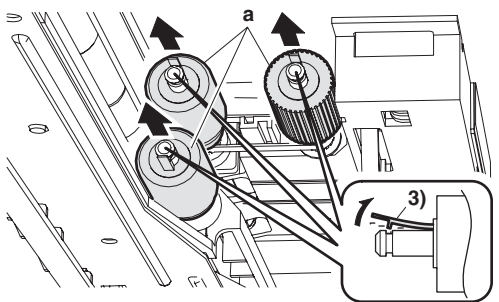
### Roller/Torque limiter

No.	Name	Job item	Cycle
a	Rollers	Clean	40K
		Check	80K
		Replace	80K or 2 years
b	Torque limiter	Check	240K
		Replace	480K

1. Pull out the multi-purpose tray.
2. Remove the paper guide.



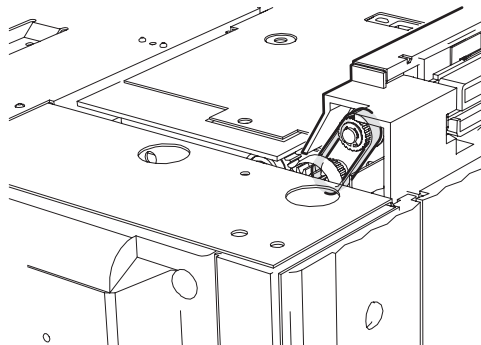
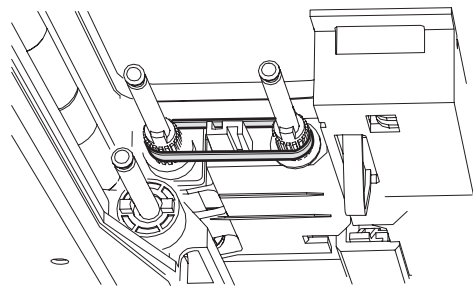
3. Disengage the roller hook, and remove the roller.



- When installing the roller, check to insure that the hook is securely engaged in the groove.

### Belt

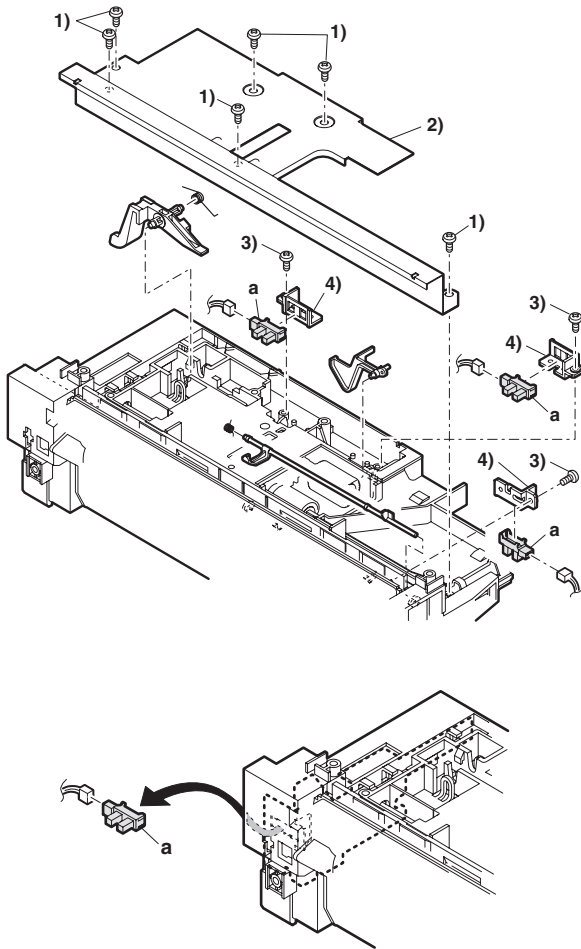
Name	Job item	Cycle
Belts	Check	240K



Note: The numbers in illustrations reflect the sequence required for disassembly/assembly.

## Sensor

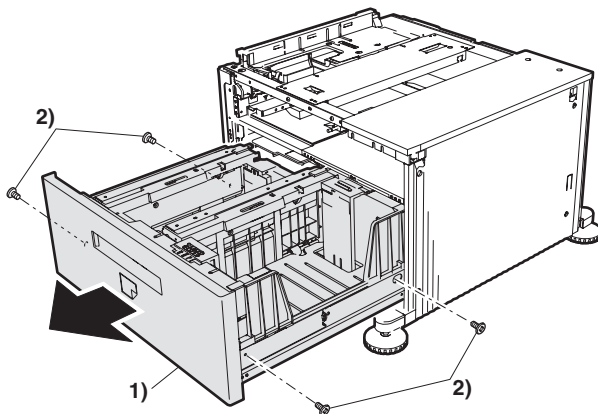
No.	Name	Job item	Cycle
a	Sensors	Check	80K



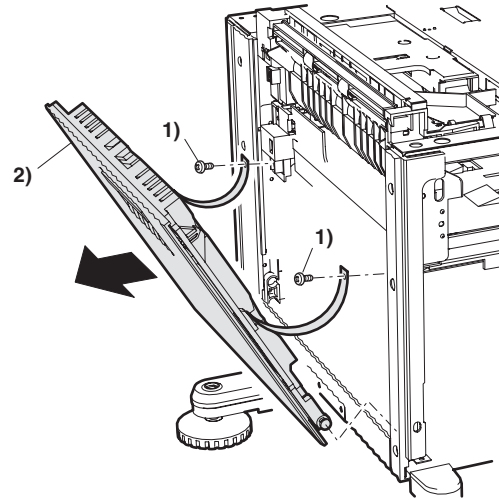
## Tandem tray paper feed section

### Paper feed unit disassembly

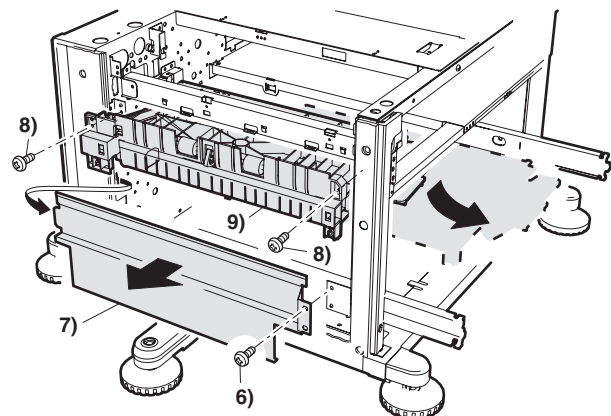
1. Remove the stopper screw, and pull out the large capacity tray.



2. Remove the left door.



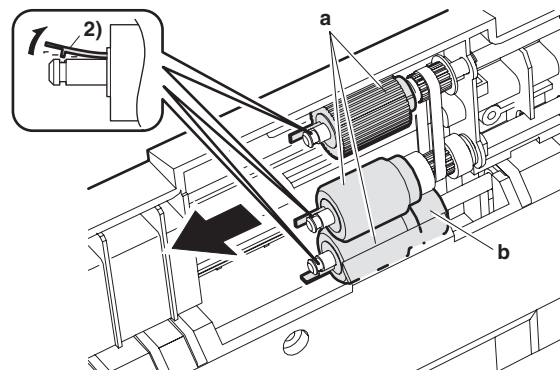
3. Remove the tandem paper feed unit.



## Roller/Torque limiter

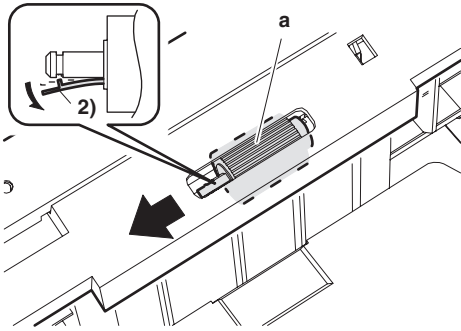
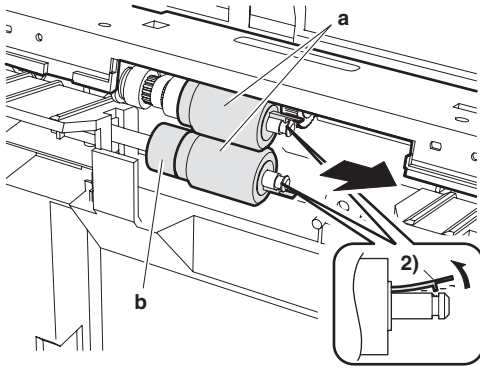
No.	Name	Job item	Cycle
a	Rollers	Clean	40K
		Check	80K
		Replace	80K or 2 years
b	Torque limiter	Check	240K
		Replace	480K

1. Remove the stopper, and pull out the large capacity tray.
2. Disengage the roller hook, and remove the roller and the torque limiter.
  - Tandem tray 1



Note: The numbers in illustrations reflect the sequence required for disassembly/assembly.

• Tandem tray 2

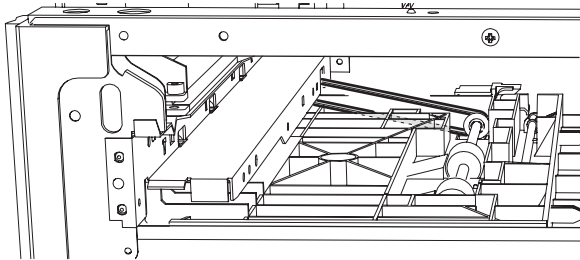


Note: When installing the roller, check to insure that the hook is securely engaged in the groove.

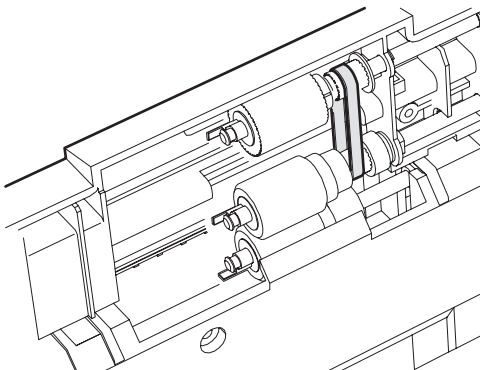
Note: When installing the torque limiter, check to insure that the pin is fully inserted into the torque limiter groove.

**Belt**

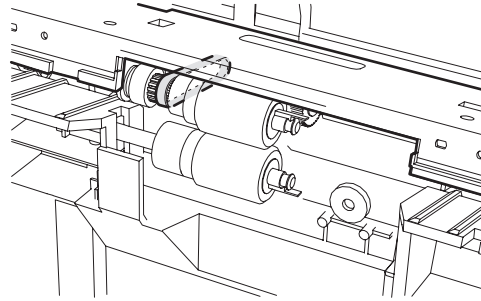
Name	Job item	Cycle
Gears	Lubricate	40K
Belts	Check	240K



• Tandem tray 1

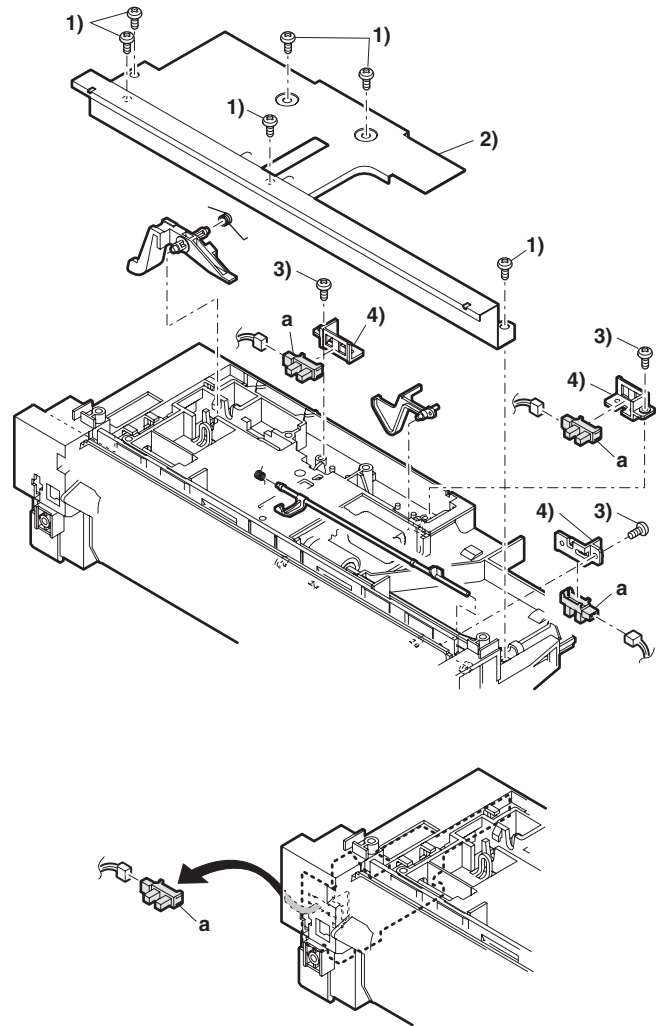


• Tandem tray 2



**Sensor**

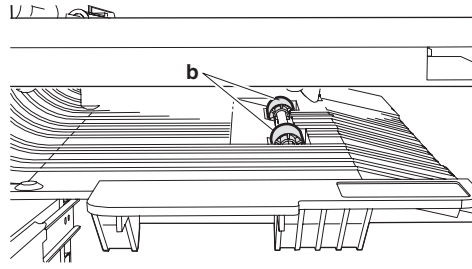
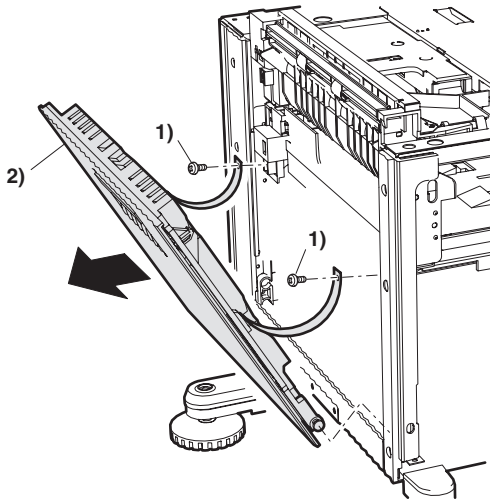
No.	Name	Job item	Cycle
a	Sensors	Check	80K



Note: The numbers in illustrations reflect the sequence required for disassembly/assembly.

## Paper transport section

1. Remove the left door.

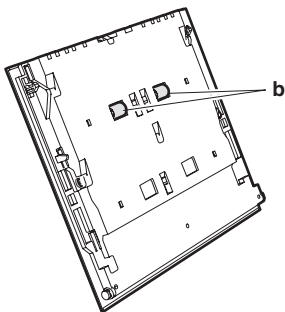
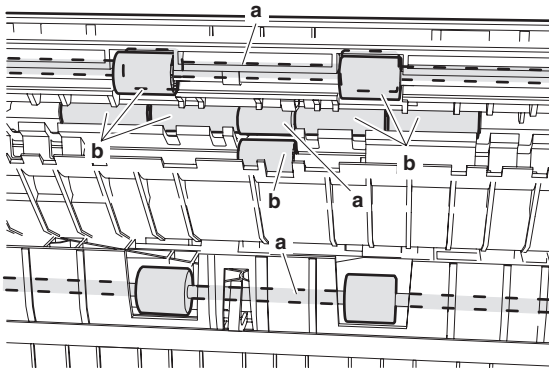
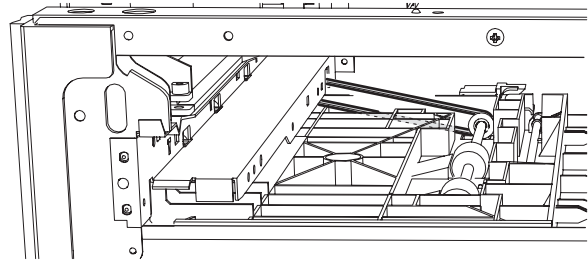


## Belt

Name	Job item	Cycle
Gears	Lubricate	40K
Belts	Check	240K

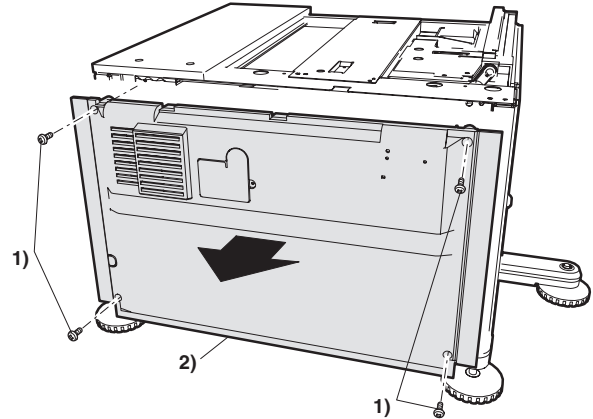
## Transport roller/Roller

No.	Name	Job item	Cycle
a	Transport rollers	Clean	40K
b	Rollers	Clean	40K



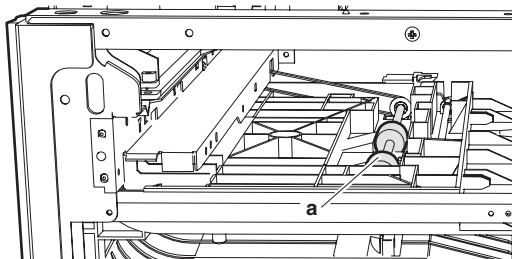
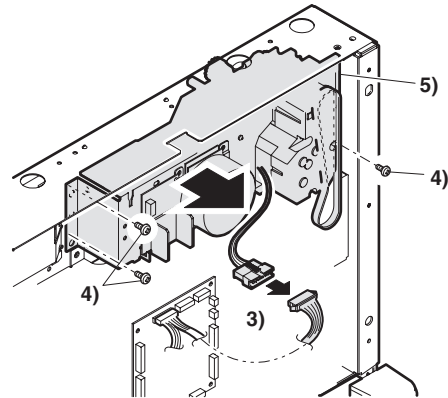
## Drive section

1. Remove the rear cabinet.



## Multi-purpose tray drive section

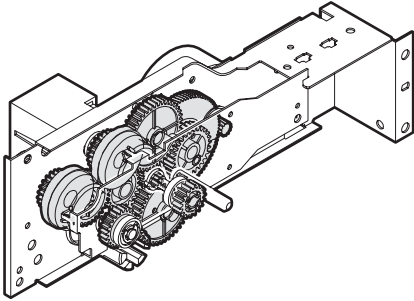
1. Remove the multi-purpose tray drive section.



Note: The numbers in illustrations reflect the sequence required for disassembly/assembly.

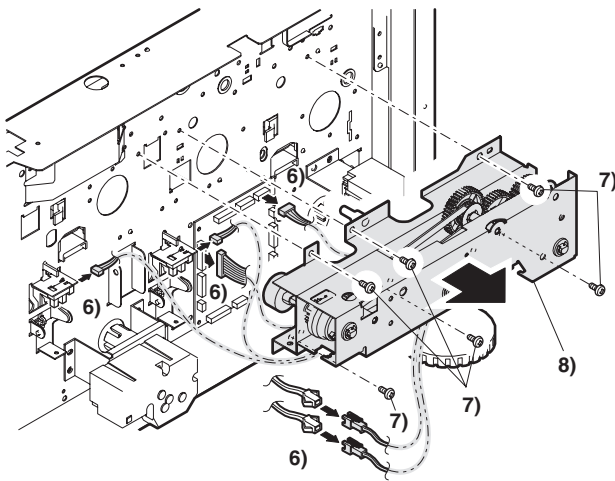
## 2. Gear/Belt

Name	Job item	Cycle
Gears	Lubricate	40K
Belts	Check	240K



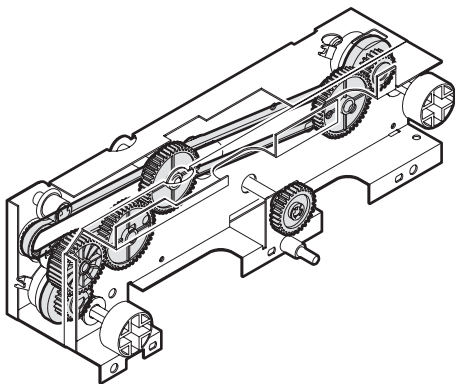
### Tandem tray drive section

1. Remove the tandem tray drive section.



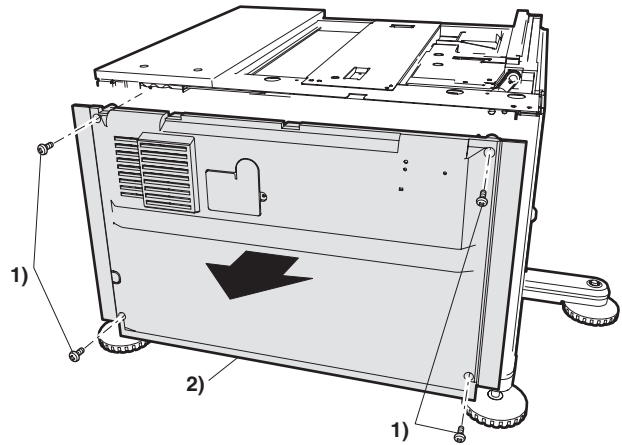
## 2. Gear/Belt

Name	Job item	Cycle
Gears	Lubricate	40K
Belts	Check	240K



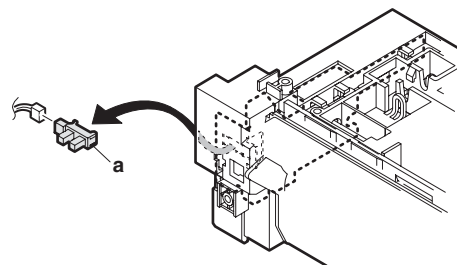
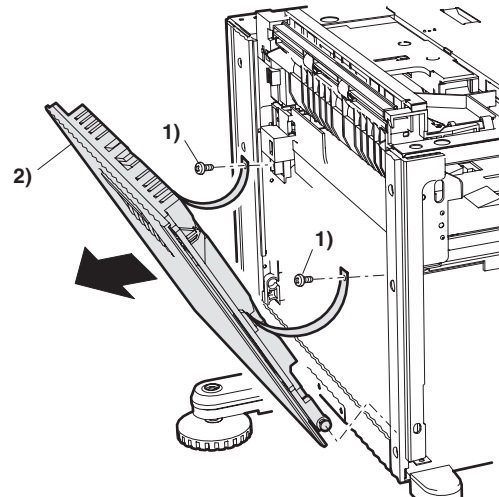
## Others

1. Remove the rear cabinet.



2. Remove the control PWB and the sensors.

No.	Name	Job item	Cycle
a	Sensors	Check	80K



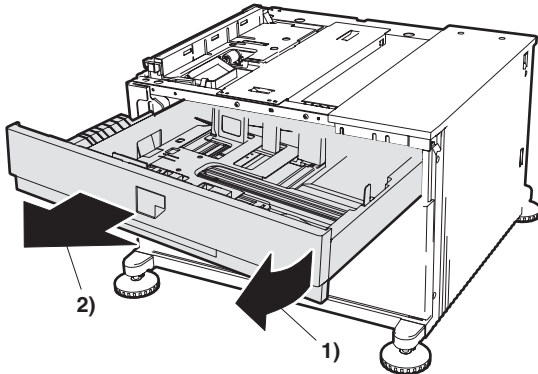
Note: The numbers in illustrations reflect the sequence required for disassembly/assembly.

## B. B83TT

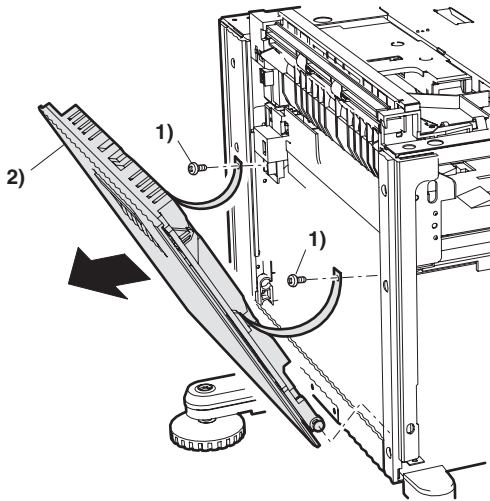
### Paper feed section

#### Paper feed unit disassembly

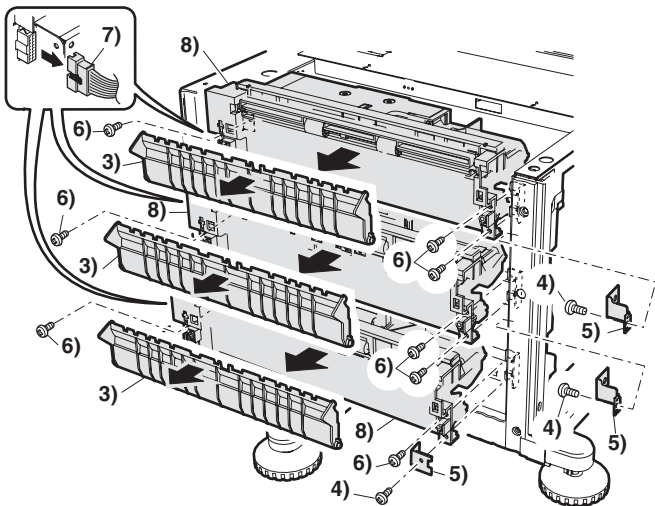
1. Extract the multi-purpose tray by pulling out the right side of the tray and then pulling out the left side.



2. Remove the left door.



3. Remove the paper feed unit.

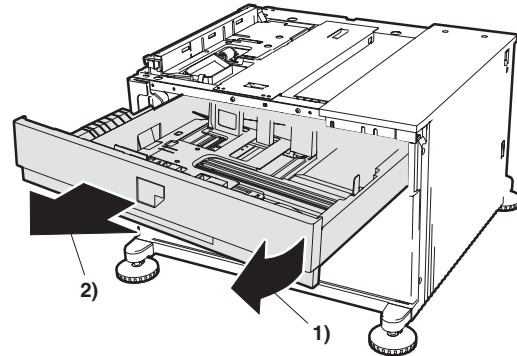


Note: The numbers in illustrations reflect the sequence required for disassembly/assembly.

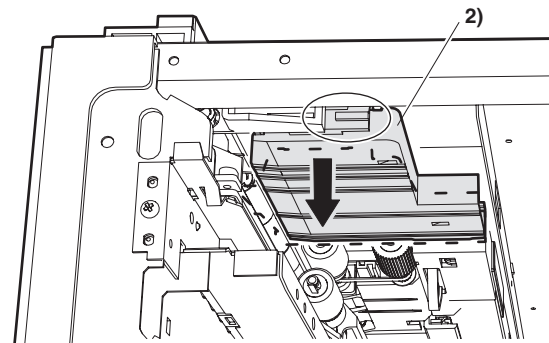
### Roller/Torque limiter

No.	Name	Job item	Cycle
a	Rollers	Clean	40K
		Check	80K
		Replace	80K or 2 years
b	Torque limiter	Check	240K
		Replace	480K

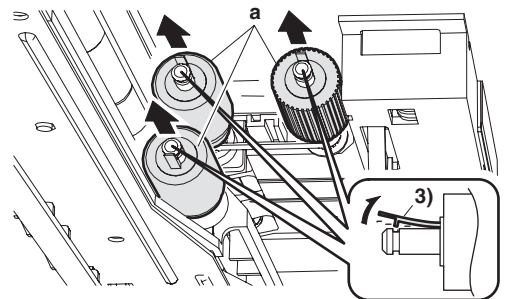
1. Extract the multi-purpose tray by pulling out the right side of the tray and then pulling out the left side.



2. Remove the paper guide.

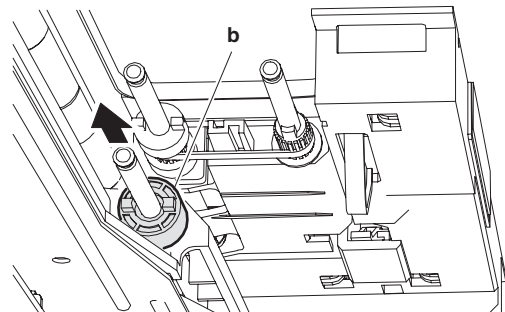


3. Disengage the roller hook, and remove the roller.



- When installing the roller, check to insure that the hook is securely engaged in the groove.

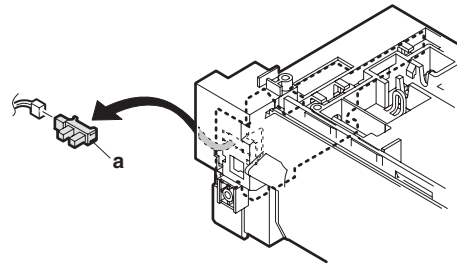
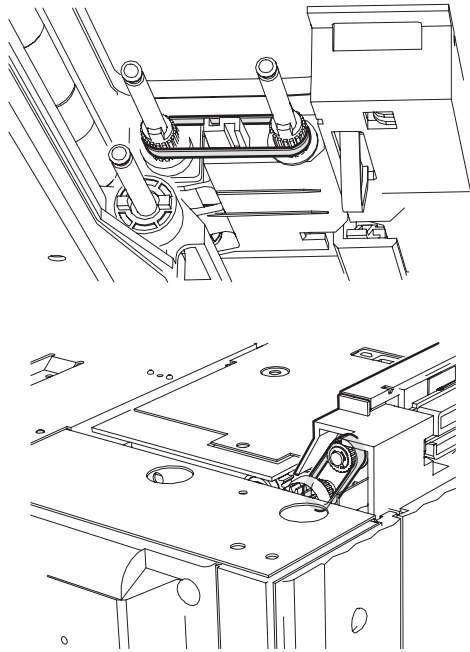
4. After removing the roller, remove the torque limiter.



- When installing the torque limiter, check to insure that the pin is fully inserted into the torque limiter groove.

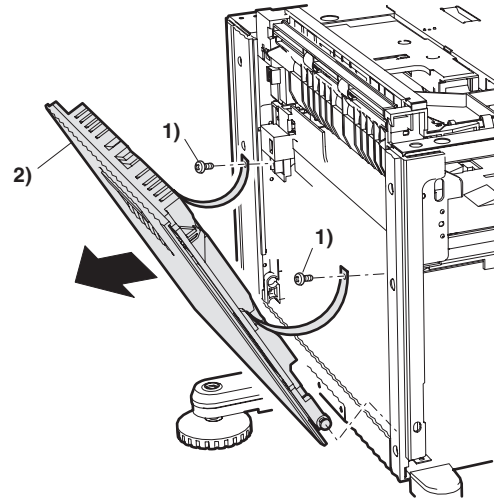
### Belt

Name	Job item	Cycle
Belts	Check	240K



### Paper transport section

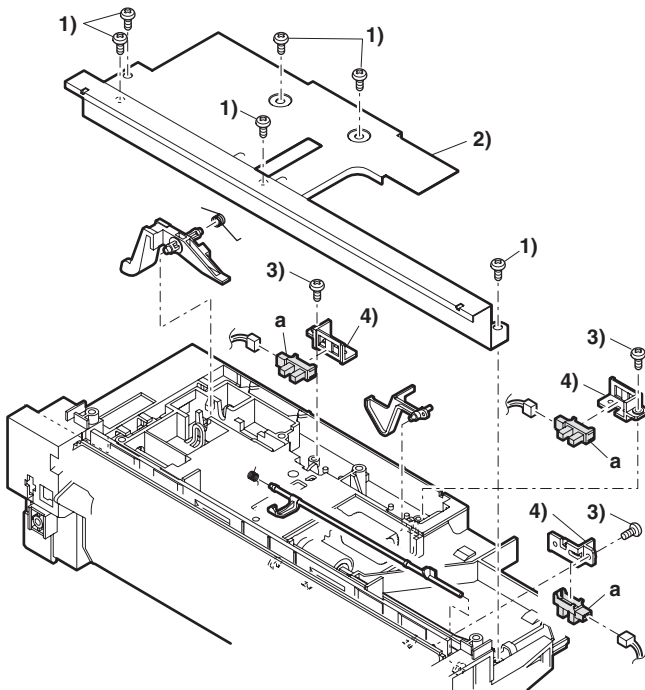
1. Remove the left door.



### Sensor

No.	Name	Job item	Cycle
a	Sensors	Check	80K

1. Remove sensors.



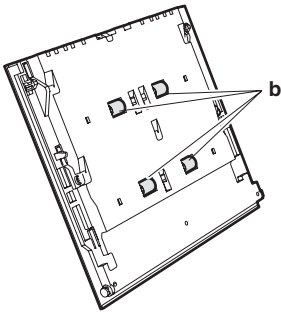
### Transport roller/Roller

No.	Name	Job item	Cycle
a	Transport rollers	Clean	40K
b	Rollers	Clean	40K



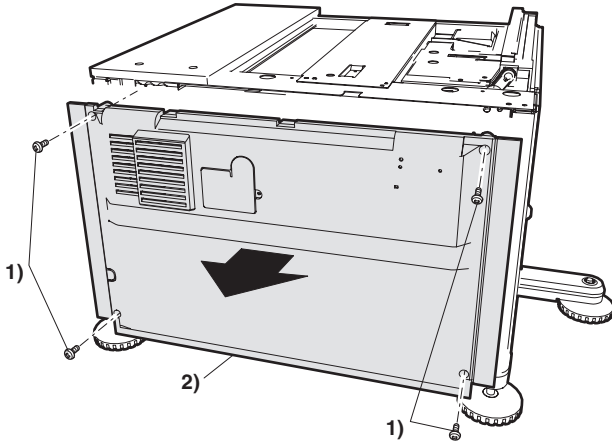
Note: The numbers in illustrations reflect the sequence required for disassembly/assembly.





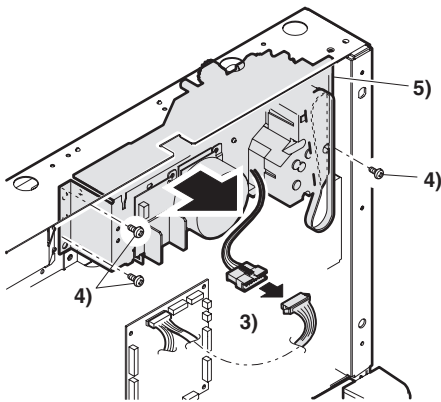
**Drive section**

1. Remove the rear cabinet.



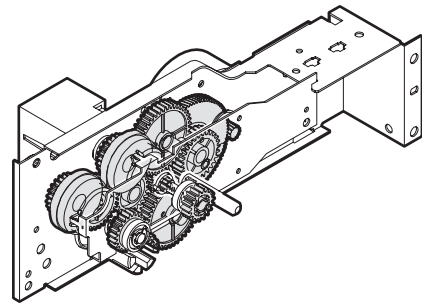
**Multi-purpose tray drive section**

1. Remove the multi-purpose tray drive section.



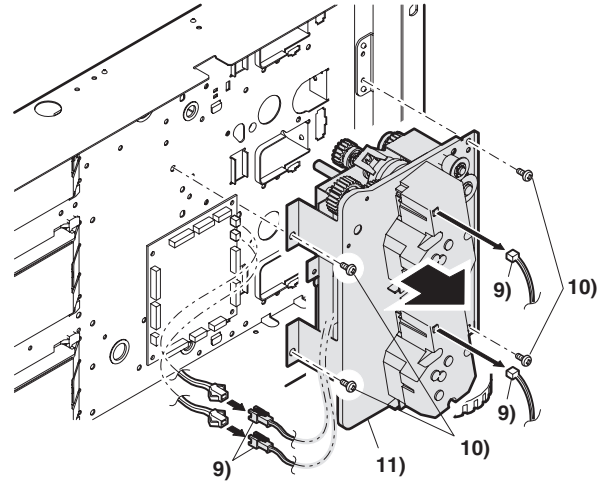
2. Gear/Belt

Name	Job item	Cycle
Gears	Lubricate	40K
Belts	Check	240K



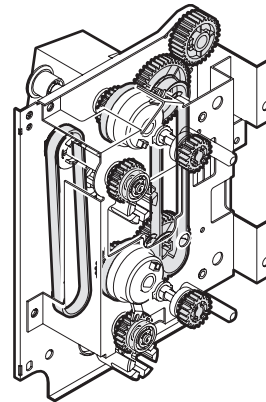
**Tandem tray drive section**

1. Remove the tandem tray drive section.



2. Gear/Belt

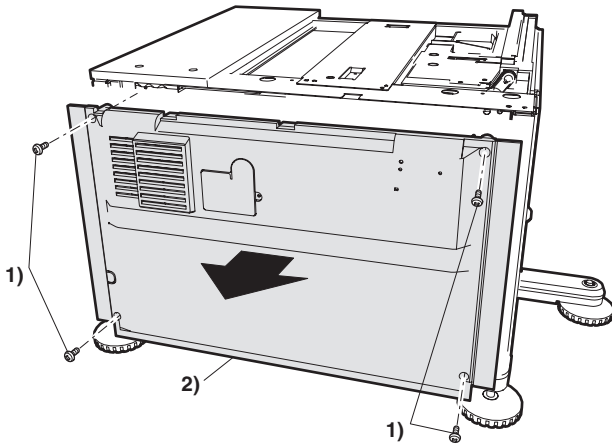
Name	Job item	Cycle
Gears	Lubricate	40K
Belts	Check	240K



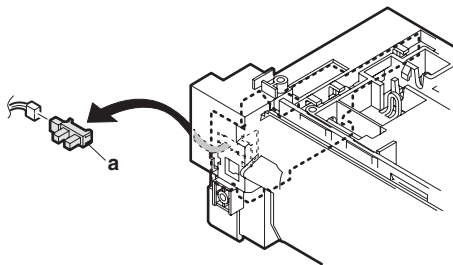
Note: The numbers in illustrations reflect the sequence required for disassembly/assembly.

## Others

1. Remove the rear cabinet.

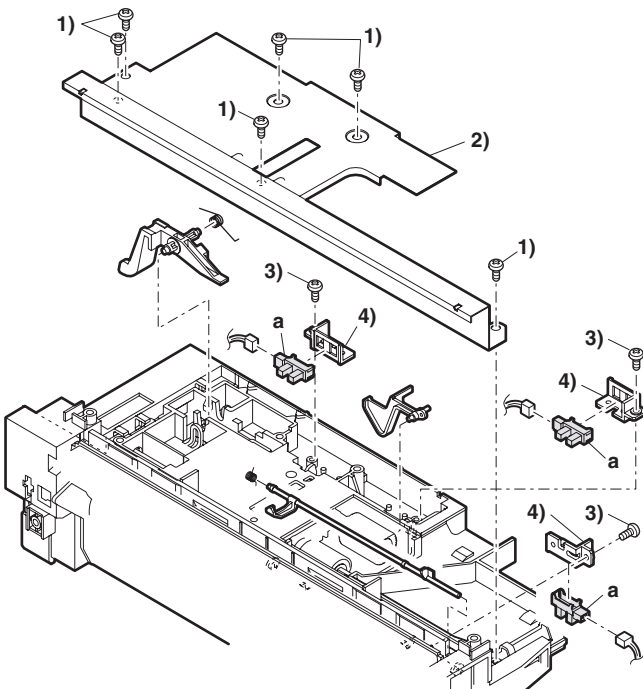


2. Remove the control PWB.



3. Remove the sensors.

No.	Name	Job item	Cycle
a	Sensors	Check	80K

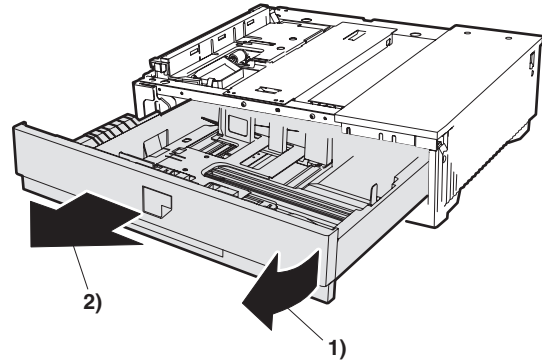


## C. B83MP

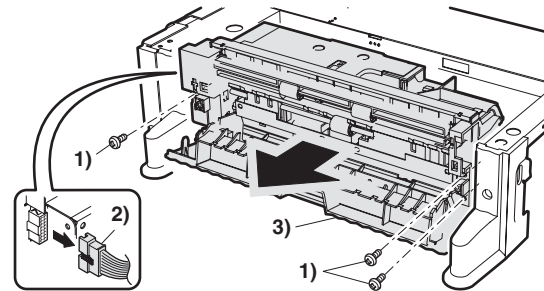
### Paper feed section

#### Paper feed unit disassembly

1. Pull out the multi-purpose tray by pulling out the right side of the tray, and then pull out the left side.



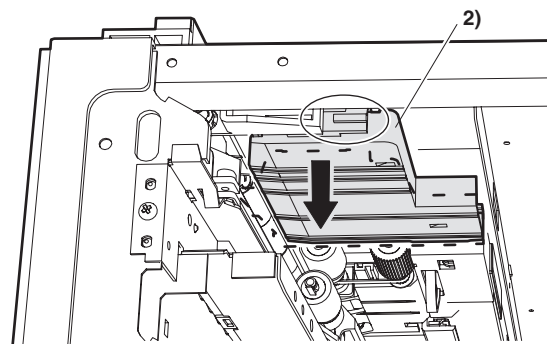
2. Remove the paper feed unit.



#### Roller/Torque limiter

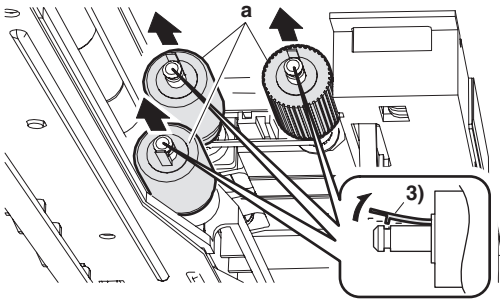
No.	Name	Job item	Cycle
a	Rollers	Clean	40K
		Check	80K
		Replace	80K or 2 years
b	Torque limiter	Check	240K
		Replace	480K

1. Remove the stopper, and pull out the multi-purpose tray.
2. Remove the paper guide.



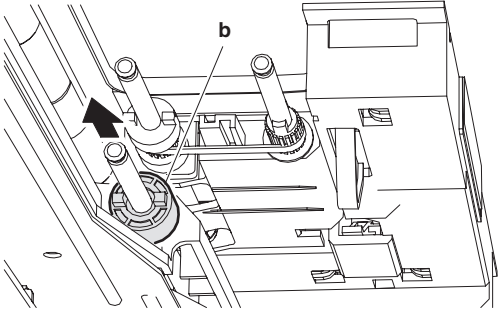
Note: The numbers in illustrations reflect the sequence required for disassembly/assembly.

3. Disengage the roller hook, and remove the roller.



\* When installing the roller, check to insure that the hook is securely engaged in the groove.

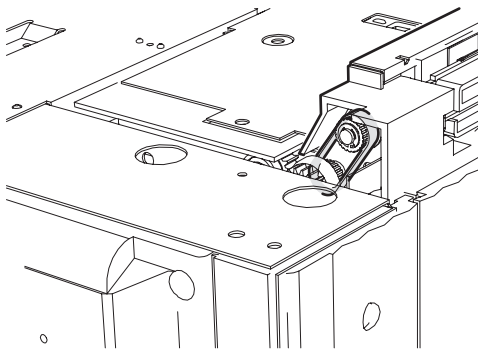
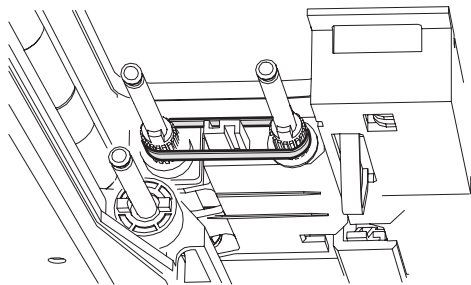
4. After removing the roller, remove the torque limiter.



\* When installing the torque limiter, check to insure that the pin is fully inserted into the torque limiter groove.

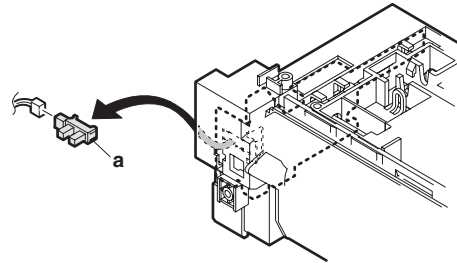
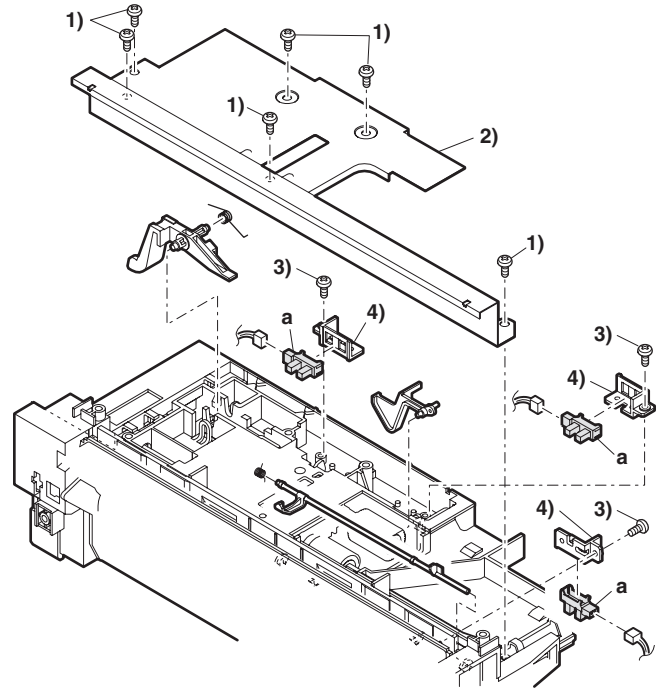
### Belt

Name	Job item	Cycle
Belts	Check	240K



### Sensor

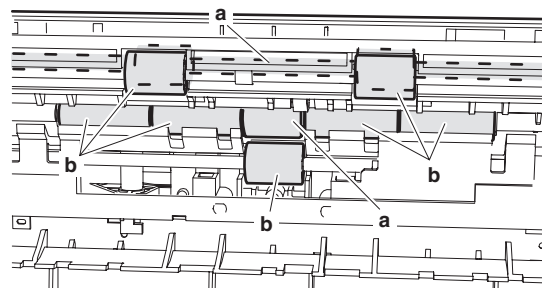
No.	Name	Job item	Cycle
a	Sensors	Check	80K



### Paper transport section

#### Transport roller/Roller

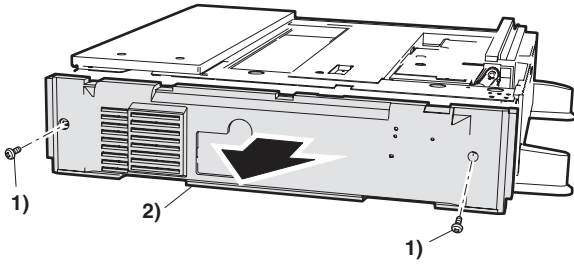
No.	Name	Job item	Cycle
a	Transport rollers	Clean	40K
b	Rollers	Clean	40K



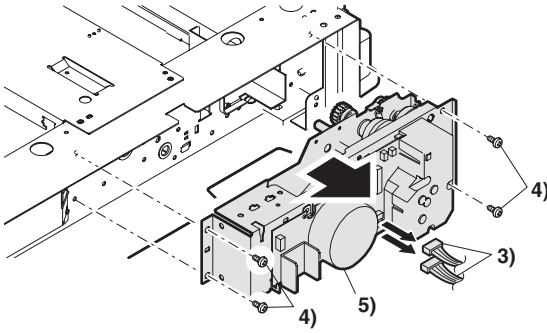
Note: The numbers in illustrations reflect the sequence required for disassembly/assembly.

## Drive section

1. Remove the rear cabinet.

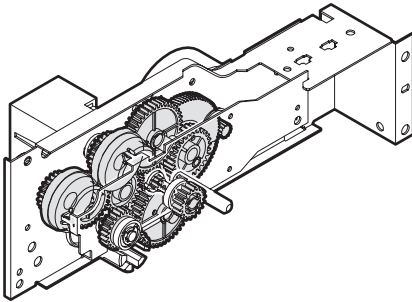


2. Remove the tray drive section.



3. Gear/Belt

Name	Job item	Cycle
Gears	Lubricate	40K
Belts	Check	240K



Note: The numbers in illustrations reflect the sequence required for disassembly/assembly.