

# Installation manual

## Note

This manual is intended for field service engineer who is responsible for installing the machine.



d2457015

- Remove filament tape and other padding.  
DF Model (D247)



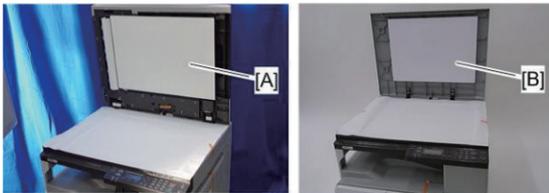
d245z0001

Platen Model (D245/D246)



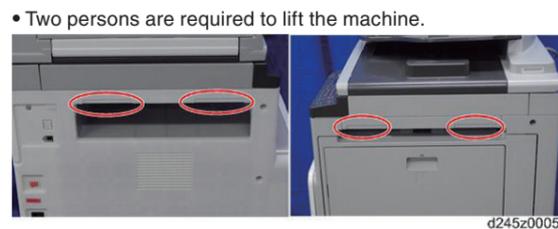
d245z0002

- Open the ADF [A] or platen cover [B], and then remove the sheet and filament tapes.



d245k0177

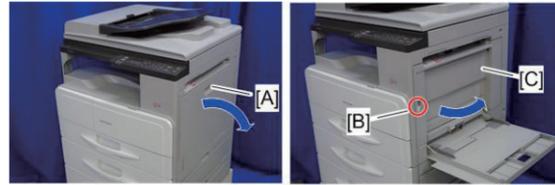
- Hold the places shown below, and then lift the machine.



d245z0005

- Place the machine on a table or optional paper feed unit.

- Open the by-pass tray [A], and then press the button [B] to open the right door [C].



d245k0178

- Open the front door, and then pull the toner bottle holder lever [A] upward. (Fig.1)



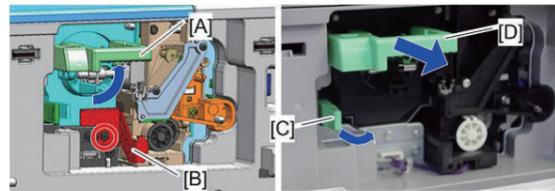
Fig.1

## Note

Make sure the right door is opened because the drum may be damaged when being pulled out (Fig.1).

- Remove the fixing bracket [B] ( x 1).

- Release the lock lever [C], and then pull the toner bottle holder [D].

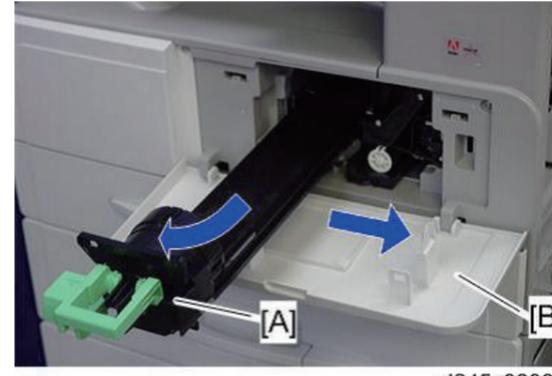


d245k0175

## Note

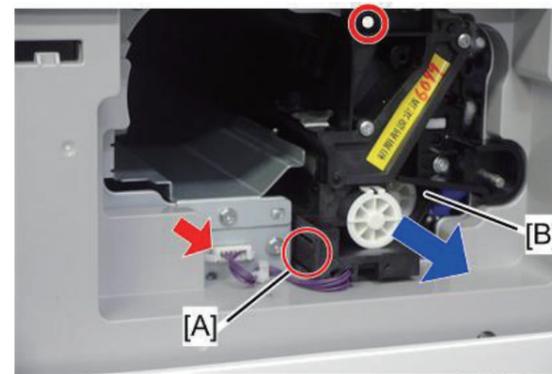
The removed fixing bracket will not be used, so discard it.

- Remove the toner bottle holder [A] to open the front door [B].



d245z0008

- Hold the lock [A], and then remove the PCDU [B] ( x 1, x 1).

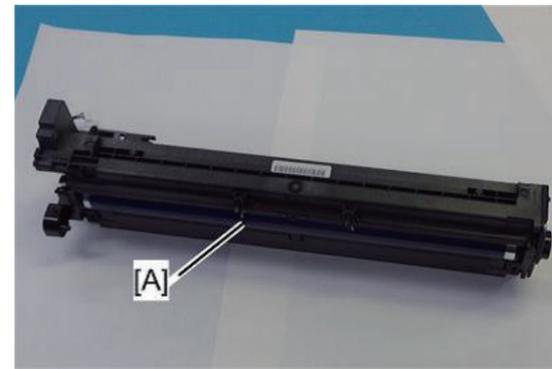


d245k0176

## Note

The removed screw will not be used, so discard it.

- Place sheets of paper on a flat surface, and then put the PCDU [A] on it.



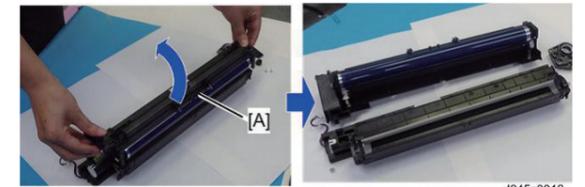
d245z0010

- Remove the front face plate [A] ( x 1) and rear face plate [B] ( x 2, 1 coupling).



D245k3010

- Separate the PCDU [A] into the upper part and the lower part.



d245z0012

## Note

Cover the drum with some sheets to shade the light (Fig.2)

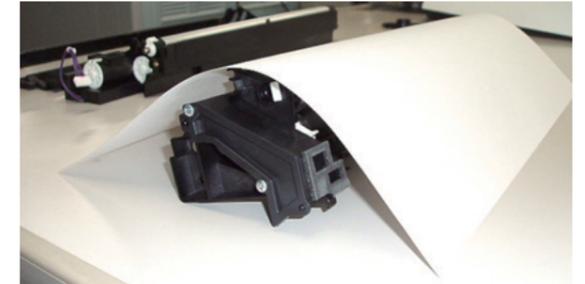


Fig.2

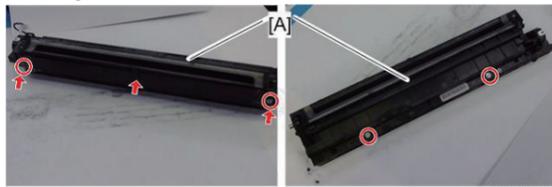
- Put a sheet of paper on a level surface and place the development unit on it.

## Note

This prevents foreign material from getting on the sleeve rollers.



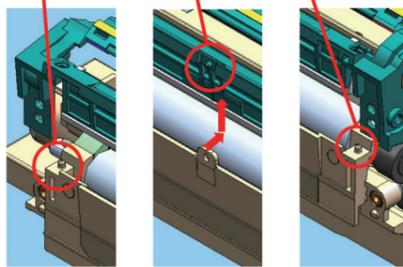
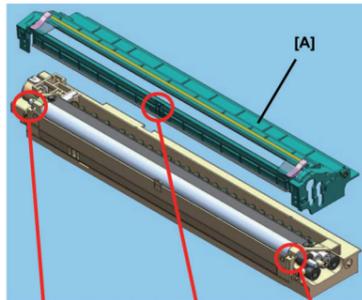
15. Remove the upper case [A] of the development unit (  x 4,  x 3).



d245k0180

**Note**

- Following figures show the structure of the development roller case.
- Attention to hooking of bosses when removing the upper case[A].



**Note**

1. Slightly bend the upper case to development roller side (Direction ① shown in Fig.3) and release the center boss.
2. To remove the upper case, hold the edges of the case as shown and lift up the case. This will release the bosses on both ends of the case.
3. Side the floating upper case to back side (gear side) and remove the upper case.



Fig.3



Fig.4

**Note**

- Do not loosen screws for mounting development doctor (Fig.6).



Fig.6

16. Distribute a pack of developer to all openings [A] equally.

**Note**

- Do not spill the developer on the gears [B]. If you have spilled it, remove the developer by using a magnet or magnetized screwdriver.
- Be sure to pour in all the developer from the pack.



d245z0016

17. Reassemble the PCDU and install it in the machine.

**Note**

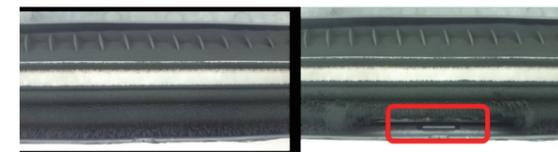
- Confirm that the upper cover is set to the center boss and the bosses of both ends of the lower case(Fig.7).



Fig.7

**Note**

- If the developer has spilled at the center of the lower frame, remove the developer by using a magnet or magnetized screwdriver.



- Confirm proper engagement of the gears (Fig.8).
  - ① D2453060 GEAR:DEVELOPMENT ROLLER (Gray gear x1)
  - ② D2453063 GEAR:IDLER (White gear x2)
  - ③ B0393245 GEAR:TRANSPORT SCREW (Black gear x2)

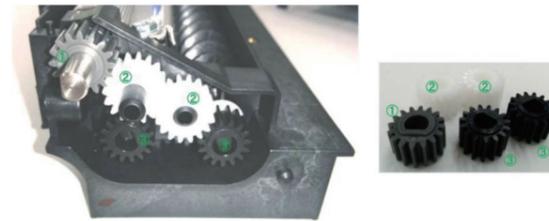
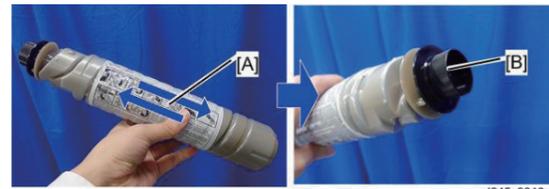


Fig.8

18. Shake the toner bottle [A] several times, and then remove the bottle cap [B]. (Do not remove the bottle cap [B] before you shake the bottle.)



d245z0013

19. Install the toner bottle holder and the front door in the machine.

20. Install the toner bottle [A] on the holder [B], and then set the holder in the machine.



d245z0014

21. Paste the decals on the specified locations.



D245k0156

- [A]: Copy inhibit decal
- [B]: Tray number decal
- [C]: Paper size decal

22. Pull out the paper tray, and then adjust the positions of the end and side guides.
23. Plug in the main power cord and turn on the main switch.
24. Activate the SP mode and execute "Developer Initialization" (SP2-801-001).
25. Wait until the message "Execute Result = OK" shows (about 2 minutes) and then press the "OK" key.
26. Activate the User Tools and select the "Language" menu.
27. Specify a language. This language is used for the operation panel.
28. Load the paper in the paper tray and make a full size copy, and make sure the side-to-side and leading edge registrations are correct.

Check Image Quality / Settings

Checking the copy image with the test chart

Check the copy image with the test chart.

Moving the Machine

This section shows you how to manually move the machine from one floor to another floor. See the section "Transporting the Machine" if you have to pack the machine and move it a longer distance.

- Turn the main power OFF and pull out the plug.
- Close all the covers and trays.
- Remove peripherals physically attached to the main machine: paper feed unit and by-pass tray cover.
- Keep the machine horizontal and move it slowly. Tipping and excess vibrations may damage the machine.

Transporting the Machine

1. Remove the PCDU. This prevents toner leak, which is caused by vibration during transport.
2. Make sure there is no paper left in the paper trays. Then fix down the bottom plates with a sheet of paper and tape.
3. Do one of the following steps:
  - Attach shipping tape to the covers and doors.
  - Shrink-wrap the machine tightly.