

① You have removed the developer module before.
This page just in case.

I shipped you all the material you need for the safe removal of the drum.

DEVELOPER MODULE

Repairs

DEVELOPER MODULE: WITH TAG 13

REMOVAL

1. DISCONNECT MAIN POWER CORD.
2. REMOVE THE RIGHT SIDE COVER.
3. PREPARE TO REMOVE THE DEVELOPER MODULE (FIGURE 1).
 - a. Remove the laser safety shield for the developer (without Tag 130).
 - b. Disconnect hose.
 - (1) Slide hose up until slot for contamination gate is exposed.
 - (2) Insert contamination gate into slot.
 - (3) Disconnect hose.
 - c. Disconnect P/J 53.
 - d. Disconnect P/J 72.
 - e. Release the developer module latch.

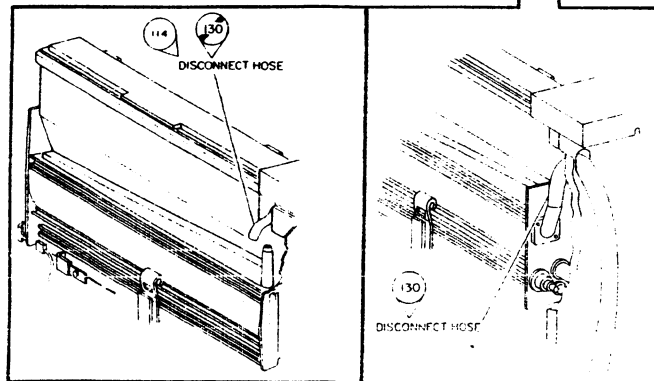
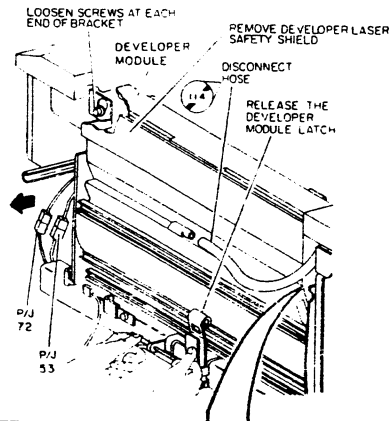


Figure 1. Preparing To Remove Developer Module

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4. TURN THE DRIVE COUPLING UNTIL THE OPENING IN THE COUPLING IS PARALLEL TO FLOOR (FIGURE 2).
5. REMOVE DEVELOPER MODULE.

REPLACEMENT

NOTE: Before installing the developer module, visually check to ensure that shoes are in the correct position.

1. ENSURE THAT THE OPENING IN THE DRIVE COUPLING IS PARALLEL TO FLOOR.
2. INSTALL DEVELOPER MODULE.
 - a. Put module in operating position.
 - b. Secure the latch.
 - c. Connect P/J 72.
 - d. Connect P/J 53.
 - e. Remove contamination gate while reconnecting hose. Ensure that the slot for the contamination gate is blocked by the manifold after hose has been reconnected (Tag 130).
3. IF A NEW DEVELOPER MODULE IS BEING INSTALLED, ADJUST THE FOLLOWING:
 - a. Developer drive clutch.
 - b. ADC setup.
4. CHECK/ADJUST DEVELOPER MODULE LEVELING.

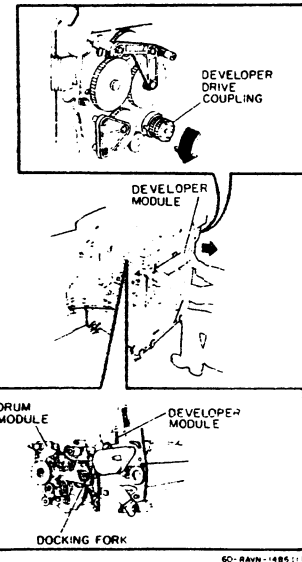


Figure 2. Removing/Installing the Developer Module

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DRUM MODULE: WITHOUT TAG 24

REMOVAL

1. REMOVE DEVELOPER MODULE.
2. REMOVE DEVELOPER DRIVE COUPLING.
3. UNLATCH PREFUSER TRANSPORT HANDLE AT NUMBER 5.

+ the plastic shield (4a)

CAUTION

Do not allow drum module to fall on leveling screw for developer module. Damage to the surface of drum may occur.

Put on Rubber gloves + keep on! use the foam I send and cover the whole bottom part

4. REMOVE DRUM MODULE (FIGURE 1).
 - a. Remove plastic cover.
 - b. Loosen drum lockdown levers (Without Tag 33).
 - c. Pull pins.
 - d. Disconnect corotrons, shield, and ground.

push the levers 4 up and then towards the center.

you might have to pull the drum module slightly forward to pull the connections.

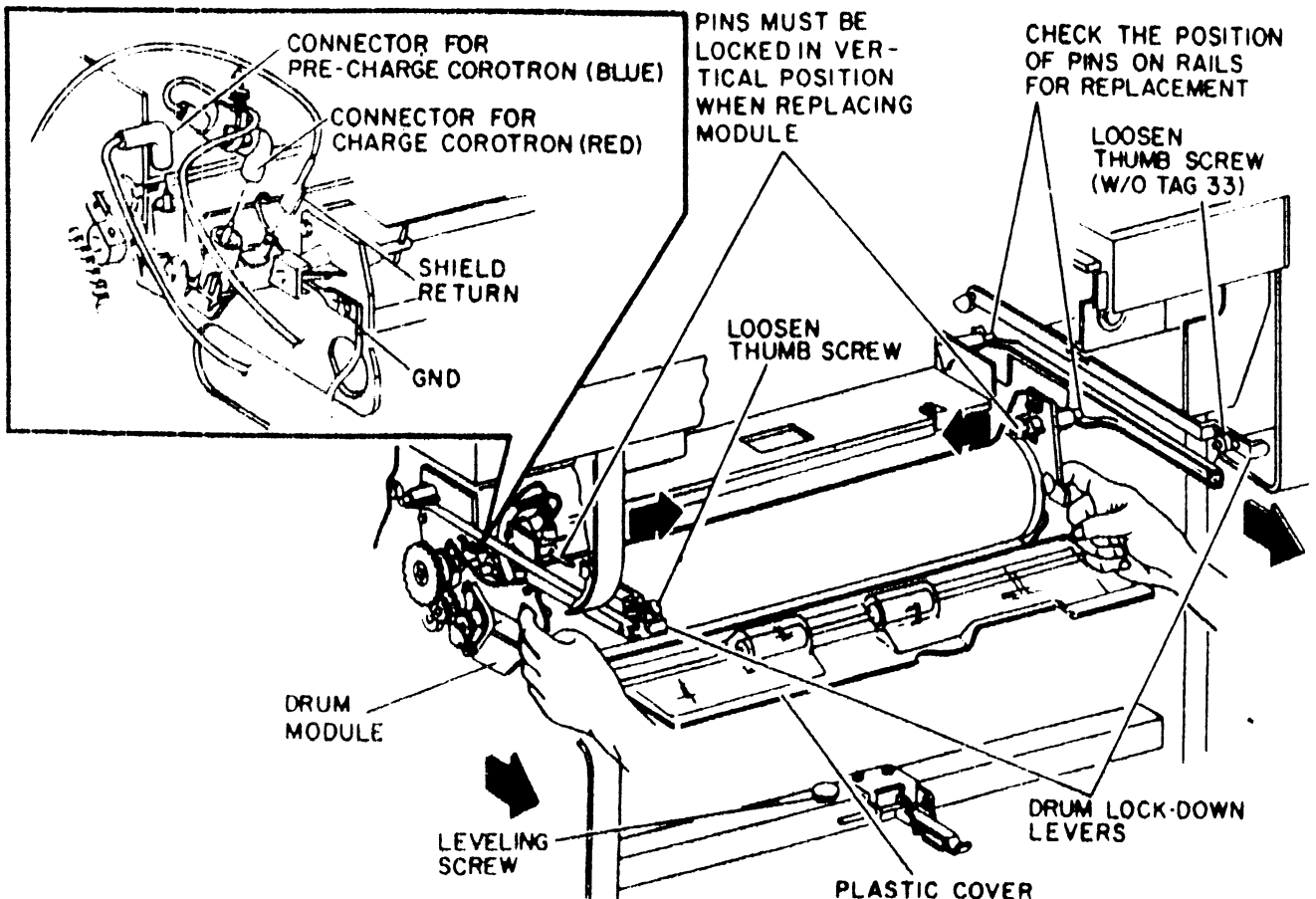


Figure 1. Removing the Drum Module

- ③ Once the cables are disconnected, carefully pull out the whole module (be sure the foam protection is in place.) You can also use the two bars (on top of the module) to pull out the unit (better hold than the hole you stick your finger through). Use one of the elastics to lock the cleaning blade assembly.

DRUM MODULE Take out the "damaged" drum from the carton. Prepare the drum carton, i.e. open the flaps (put elastic around) so the drum does not touch the cardboard edges when you insert the drum.

CAUTION

Do not allow cleaning blade to touch drum when removing the drum module from printer. Also, the drum is sensitive to the light and must be put into a black bag if drum will be exposed to the light for more than 5 minutes.

5. PROTECT DRUM MODULE (FIGURE 2).

- Install a rubber band or o-ring onto actuator arm for cleaning blade.
- Place module on its left side, as shown in Figure 2, to avoid damage to drum.
- Put entire module into black plastic bag that is stored in front cover.

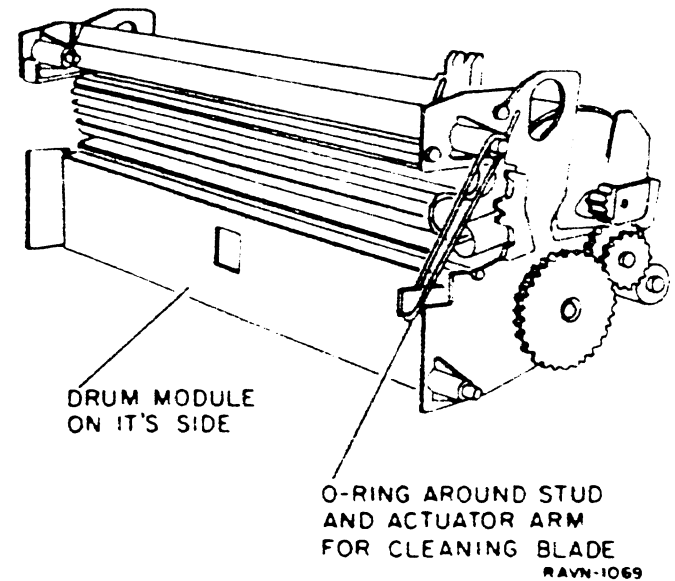


Figure 2. Protecting the Drum Module

decided that it is safer to remove the drum.

DRUM

CAUTION

Do not allow drum to be exposed to the light for more than 5 minutes. Store the drum or drum module in black plastic bag, stored in front of printer.

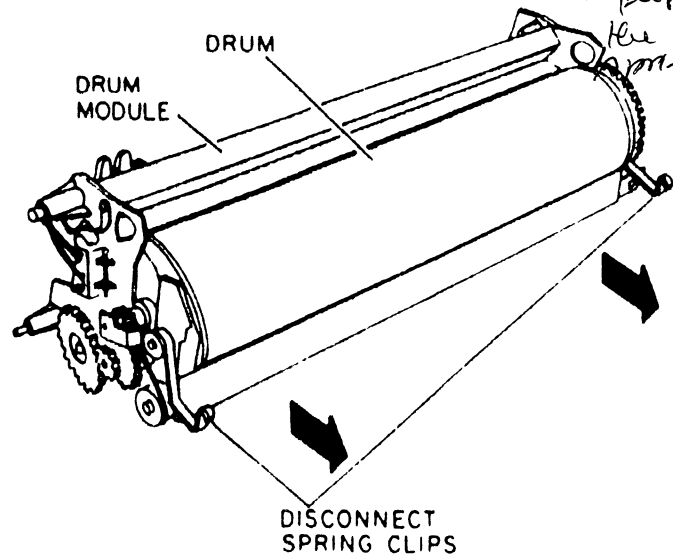
REMOVAL

1. REMOVE DRUM MODULE.
2. ~~REMOVE CHARGE COROTRON.~~
3. REMOVE DRUM ASSEMBLY FROM DRUM MODULE (FIGURE 1).
4. REMOVE DRUM (FIGURE 2).

REPLACEMENT

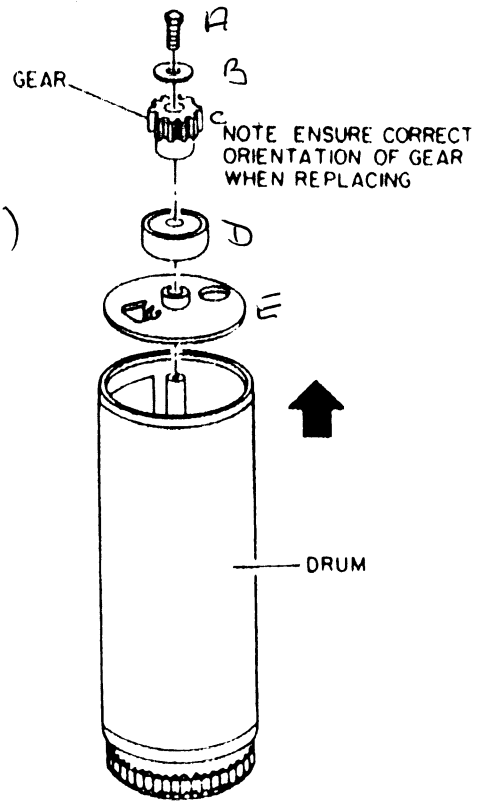
NOTE: When installing a new drum, use only zinc stearate (8R181) to lubricate drum. Contamination of system and copy quality defects will be the result if Kynar is used.

Use a small screw driver to flip the opening



RAVN-1070

Figure 1. Removal of Drum Assembly from Drum Module



RAVN-1071

Figure 2. Removal of Drum

3 Carefully lift out drum assembly towards front (lift on the cog wheels) Be "steady" not to have the drum touch anything (I can write a book about that!). Stand Assy on large cogwheel.

4-1) you might have to use a plier to open the nut.
 2) Pull off (cup) B C D + E.
 3) Put your hand inside the drum (if it fits) + lift drum off wheel and shaft. You can also lift assembly (with wheel + shaft) with hand inside drum, insert into + in special carton. Close carton and put tape over top.

tip assembly (with wheel + shaft) in special carton. →

This way the drum cannot get damaged even if carton is on it's side. Do not put anything else in the carton. Even a piece of paper can damage the surface.

Put that carton into the big box.

Secure everything in place. The drum carton should not be able to move in the big box.

Ship to me UPS Ground

THANK YOU / DANKE / MERCI
etc

You can put everything back together with the damaged drum. At least the printer is complete. Just in case I might find someone who wants it or I find a cheap way of getting it out of here.

Before you decide to scrap it let me know; there are other good useable parts in there.