

CLEANING THE LASER UNIT

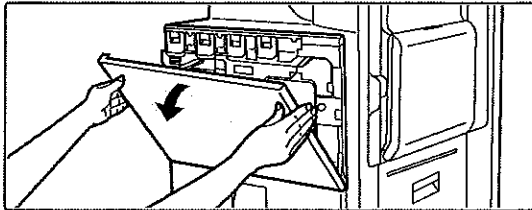
When the laser unit inside the machine becomes dirty, line patterns (colored lines) may form in the printed image.

Identifying lines (colored lines) caused by a dirty laser unit

- Colored lines always appear in the same place. (The lines are never black.)
- The colored lines are parallel to the direction of paper feeding.
- Colored lines appear not only on copies but also on print jobs from a computer. (The same lines appear on both copies and print jobs.)

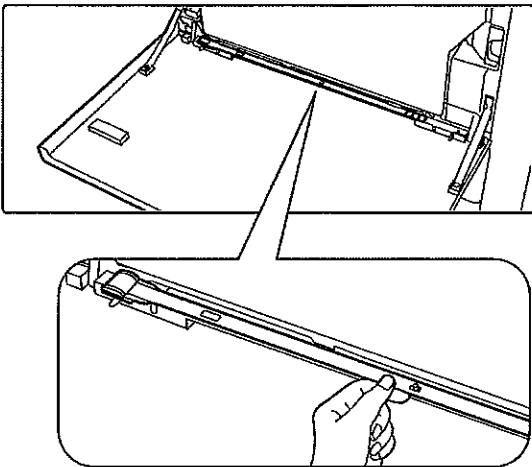
If the above problems occur, follow the steps below to clean the laser unit.

1



Open the front cover.

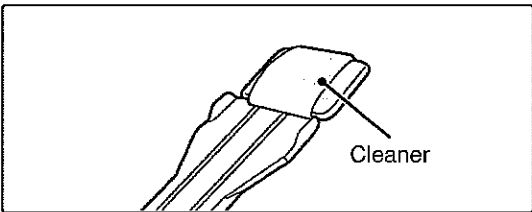
2



Take out the cleaning tool for the laser unit.

The cleaning tool is attached to the front cover.

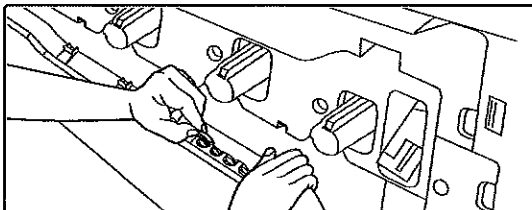
3



Make sure that the cleaner at the tip of the cleaning tool is not dirty.

If the cleaner is dirty, remove the cleaner and replace it with a clean one. For the procedure for replacing the cleaner, see steps 4 through 6. If the cleaner is not dirty, go to step 7.

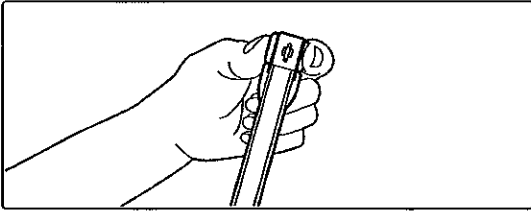
4



Open the inner cover and take out a replacement cleaner.

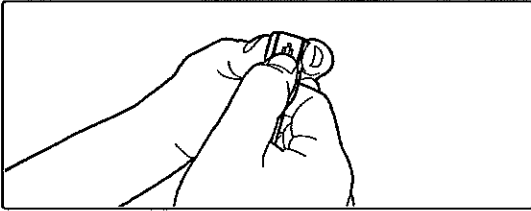
Replacement cleaners are stored on the inner cover. Grasp the end of the cleaner and pull it out of the cover.

5



Remove the dirty cleaner from the tip of the cleaning tool.

(1) Firmly grasp the tool close to where the cleaner is attached.

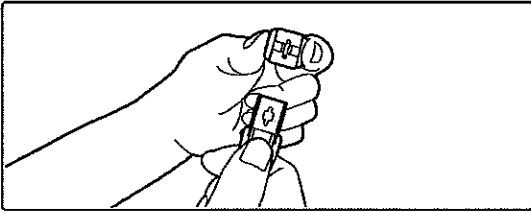


(2) Use your other hand to press down on the hook that secures the cleaner and remove the cleaner.



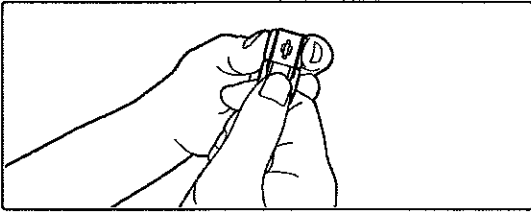
Put the removed cleaner back on the inner cover. After replacing the cleaner, be sure to close the inner cover.

6



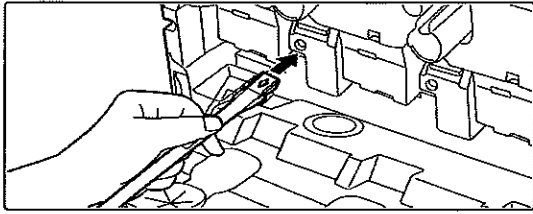
Attach the new cleaner to the cleaning tool.

(1) Align the cleaner hook with the attachment hole in the cleaning tool.



(2) Hold the cleaner firmly and push the cleaning tool in.

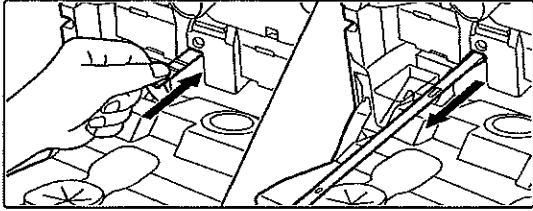
7



Clean the laser unit.

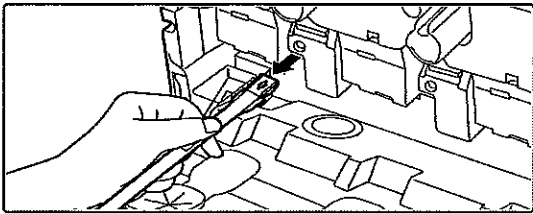
- (1) **Point the cleaner down and slowly insert the tool into the hole that you wish to clean.**

Be sure to point the cleaner down.



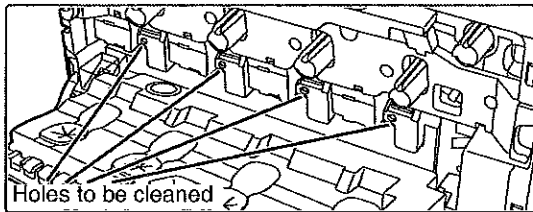
- (2) **Insert the cleaning tool all the way into the hole and then pull it back out.**

Pull the cleaning tool out until you feel the tip of the tool leave the cleaning surface of the laser unit.



- (3) **Repeat step (2) two or three times and then remove the cleaning tool.**

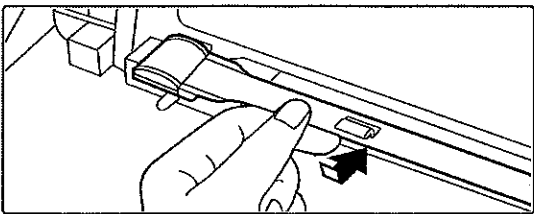
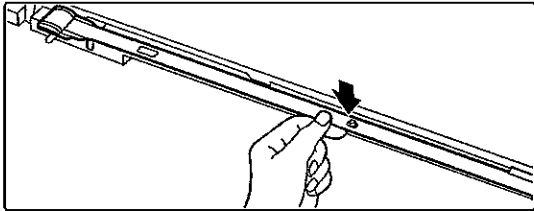
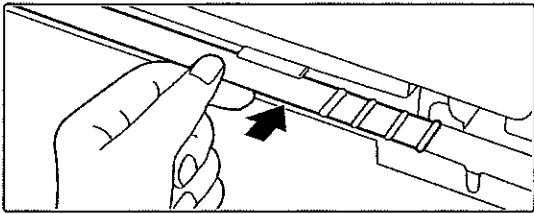
8



Repeat step 7 to clean all holes in the laser unit (4 holes).

There are a total of 4 holes to be cleaned in the laser unit, including the hole cleaned in step 7. Clean all holes.

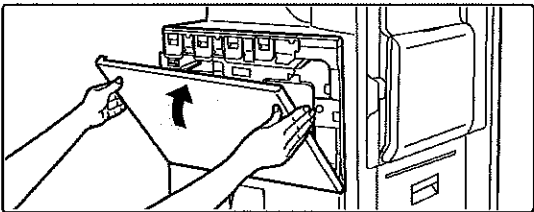
9



Replace the cleaning tool.

- (1) Point the cleaner up and hook the end of the tool (the end without the cleaner) onto the holder on the right.
- (2) Align the holder with the hole in the center of the cleaning tool and slowly press up from below.
- (3) Fit the holder into the hole in the tip (the end with the cleaner) of the cleaning tool.

10



Close the front cover.