

5.3 Cleaning the Printer

As discussed earlier, the following parts must be cleaned each time the toner container and waste toner box are replaced:

- Paper transfer unit
- Main charger unit

In addition to this, it is recommended that these parts are cleaned periodically at least once a month.

5.3.1 Cleaning the Registration Roller

A dirty registration roller can cause soiling of the reverse side of the paper and other printing problems. Use the following procedure to clean the registration roller.



Note

Be careful not to touch the transfer belt (black) or to place anything on top of the transfer belt during cleaning. Doing so can cause poor print quality.

- 1 Pull the paper transfer unit handle and pull it out to the right.

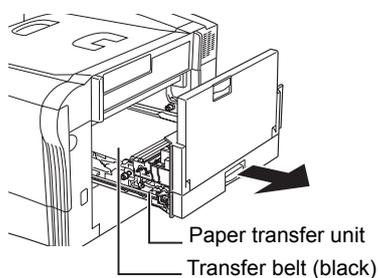


Figure 5-12

- 2 Use the cleaning cloth that comes with the toner kit to wipe any paper particles from the metal roller.

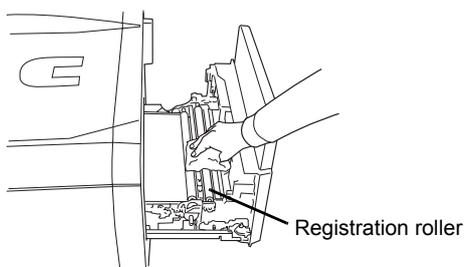


Figure 5-13

- 3 Pressing the handle of the transfer unit, return the transfer unit securely to its original position.

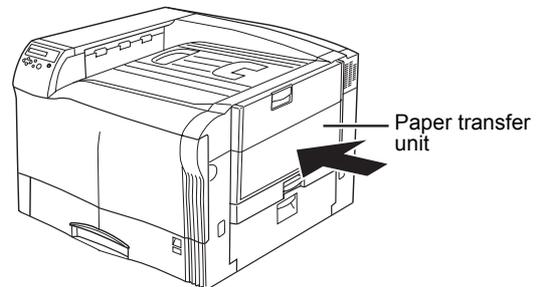


Figure 5-14

5.3.2 Cleaning the Main Charger Unit

The main charger unit needs to be cleaned periodically as it gets contaminated with dioxide after a long usage. The main charger is comprised of two main parts — the wire and the grid — which should be cleaned separately as instructed below.

To clean the main charger unit, proceed as follows:

- 1 Open the front cover.

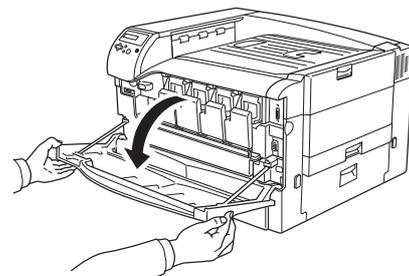


Figure 5-15

- 2 Press on the toner container to open it.

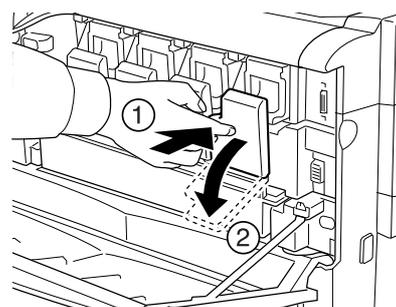


Figure 5-16

- 3** First we clean main charger wire. Grasp the tab of the cleaning knob (green-colored). Gently pull the cleaning bar out and push it back in. Repeat this 3 to 5 times.

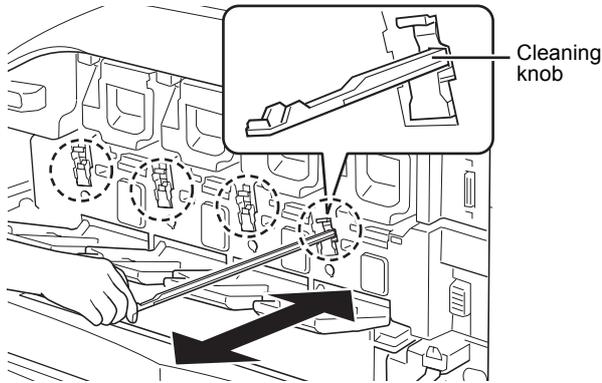


Figure 5-17

- 4** Next, we clean main charger grid. Take the grid cleaner out of the toner kit. Take the grid cleaner out of the protective bag and remove the cap.

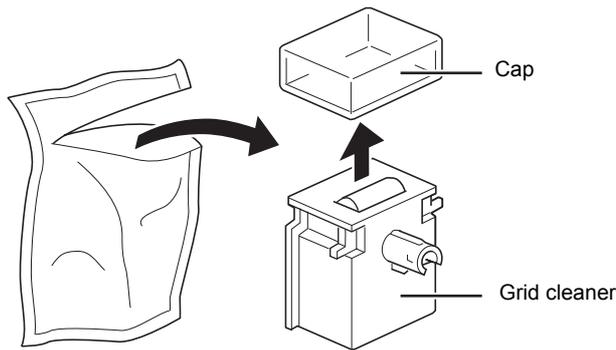


Figure 5-18



Note

The pad of the grid cleaner contains water. Clean the grid quickly so that the pad may not dry off.

- 5** Attach the grid cleaner to the printer with the pad facing up.

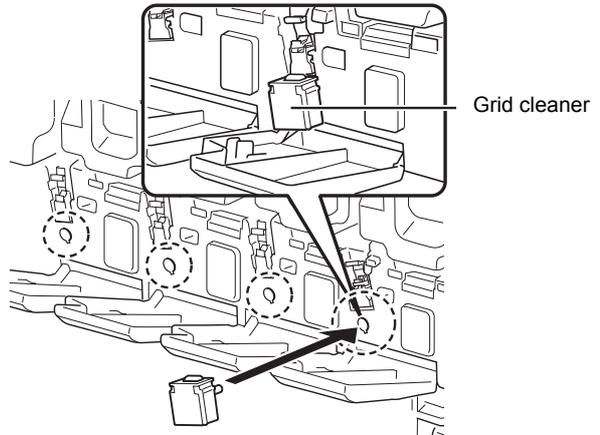


Figure 5-19

- 6** While slightly raising the charger unit, slowly pull it out and push it back in two or three times. This cleans the grid on the bottom of the charger unit.

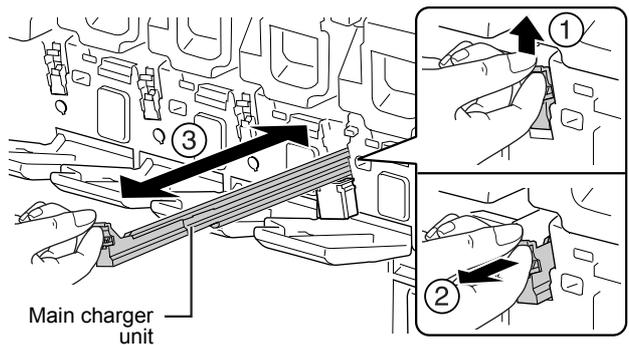


Figure 5-20

- 7** After cleaning is finished, remove the grid cleaner from the printer and discard it. The grid cleaner cannot be reused.

- 8** After cleaning the charger wire and grid, check to make sure that the charger unit is back in its original position, and then close the toner container cover and front cover.

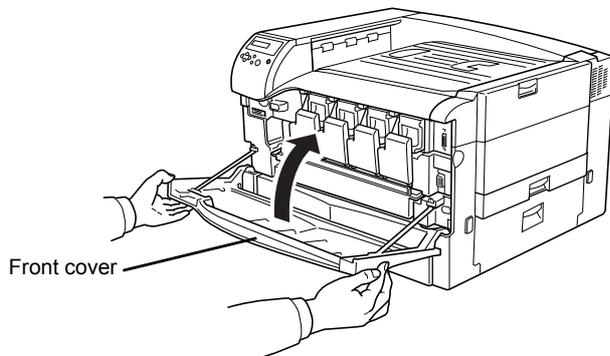


Figure 5-21



Note

If the front cover does not fully close, although the printer shows *Ready*, open the front cover and push the main charger unit until it is fully inserted in the printer.