

## *Maintaining the Machine*

### **Cleaning the Components as Needed**

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Dirt or dust gather in the machine and can cause the machine to print incorrectly. The following lists the parts to clean and how the dirt can affect the print quality.

- **Contacts**— These groups of contacts are located under the Developer Assembly. Dirt or dust on the contacts causes the printer to blur characters.
- **Metering Blade**— The Metering Blade is located above the black toner roller on the Developer Assembly. Dirt between the magnet roller and the metering blade causes the machine to print vertical lines.
- **Document Scanner**— The Document Scanner is located on the underside of the Control Panel.
- **Scanner Rollers and Retard Pad**— The Scanner Rollers and the Retard Pad are parts of the automatic document feeder inside the scanner.

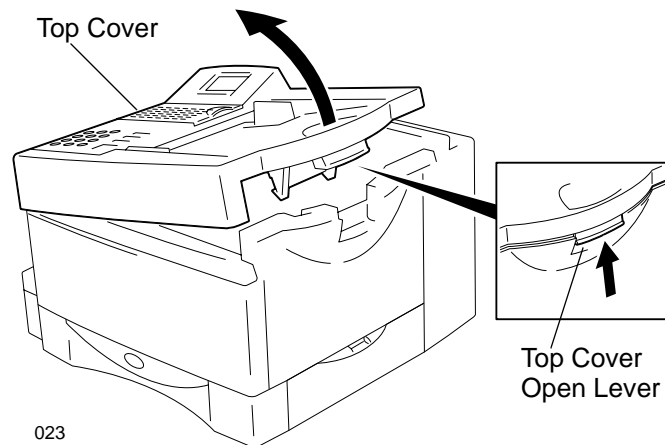
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Use the following procedure to clean the additional components:

1. Grasp the Top Cover Open Lever and open the Top Cover.

### **WARNING**

Do not touch the fuser housing inside the machine. The fuser housing is extremely hot while the machine is operating.



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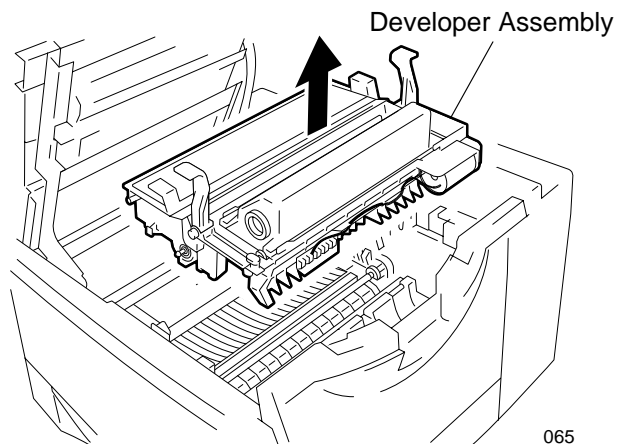


### CAUTION

Always hold the Developer Assembly by the green handles. Do not touch the green drum area or the black roller. Do not leave the Drum Unit out of the machine for an extended period.

Touching the drum or exposing the Drum Unit to light could lower the print quality.

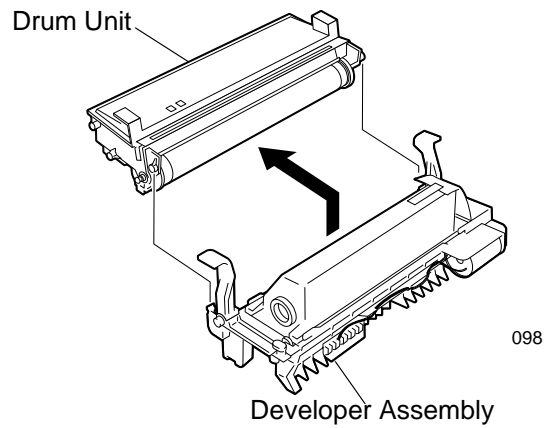
2. Remove the Developer Assembly from the machine. The following figure shows how to remove the Developer Assembly.



3. Place the Developer Assembly on a level surface.

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4. Separate the Drum Unit from the Developer Assembly. The following figure shows the Drum Unit and the Developer Assembly.

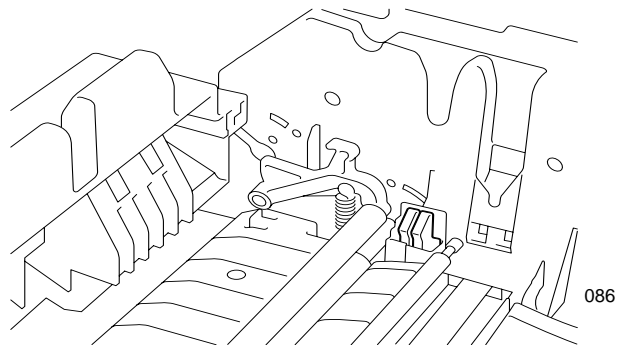


5. Place the Drum Unit on a level surface. Cover the Drum Unit with a clean cloth to protect the unit from exposure to light.

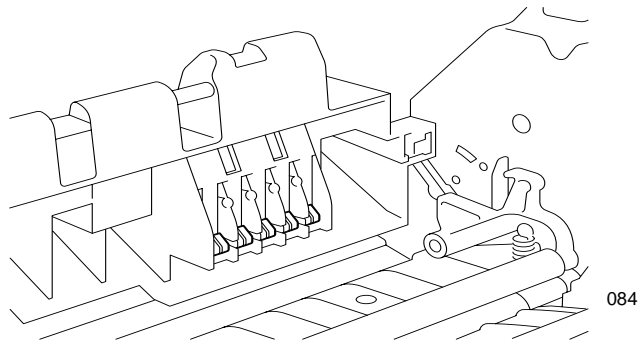
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### **To clean Contacts**

6. Use a cotton swab to clean the silver contacts in the machine. Contacts are located inside the chassis in the front, on the right, and in the rear. The following figure shows the locations of the contacts.

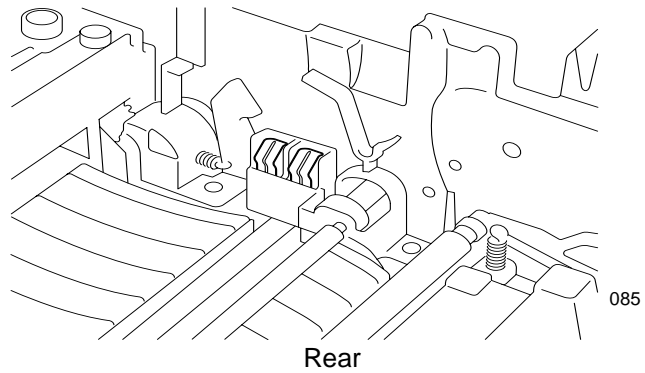


**Front**



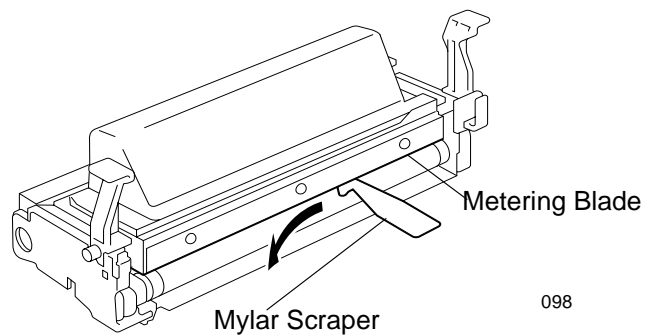
**Right Side**

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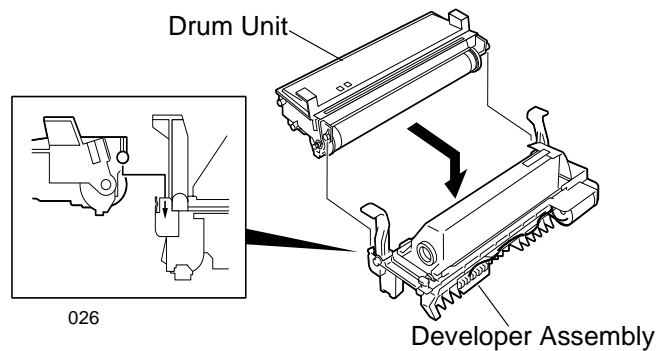
### **To clean the Metering Blade**

7. Use the Mylar Scraper to scrape off the toner between the metering blade and the black toner roller on the Developer Assembly. The following figure shows how to clean the Metering Blade.

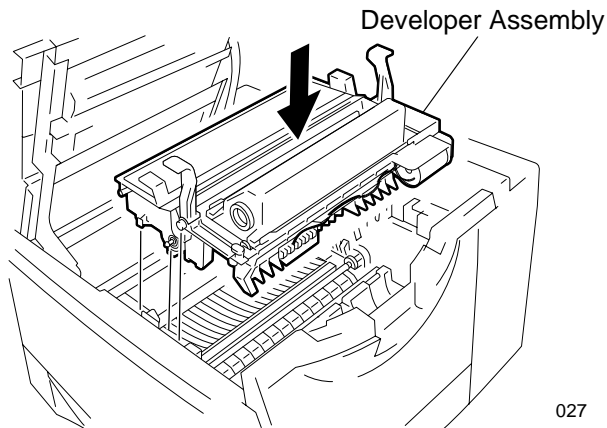


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8. Position the Drum Unit with the green drum surface facing the black toner roller on the Developer Assembly. Without touching the green drum surface, hook the Drum Unit to the Developer Assembly. The following figure shows how to join the Drum Unit and the Developer Assembly.

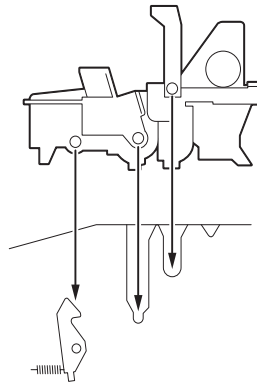


9. Holding the Developer Assembly by the green handles, align the three shafts on the Developer Assembly sides with the slots in the machine frame. Lower the assembly into the machine.



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The following figure shows how the shafts on the Developer Assembly align with the slots.



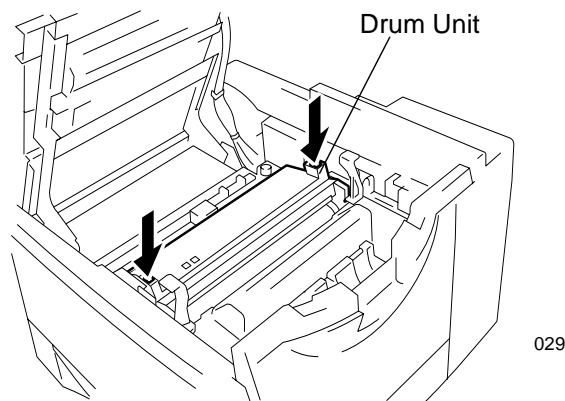
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10. Press firmly on the green squares on the Drum Unit until the Drum Unit clicks into place. The following figure shows how to press the Drum Unit into place.



11. Close the Top Cover. Press down the Top Cover until a "click" is heard to ensure the cover is closed.

