

hp scanjet 8200/8250/8290 scanner



Clean the underside of the scanner glass

If cleaning the top surface of the scanner glass does not remove all dirt and smudges from the glass, you can also clean the underside of the glass. Cleaning the underside of the glass requires you to disassemble the scanner. For instructions on cleaning the underside of your scanner glass, click on the name of your scanner model.



Perform this procedure only if it is absolutely necessary.



Disassemble the scanner in a clean, dust-free space.



Before proceeding, read these instructions all the way through. Then return here and follow the steps in order.

This module is organized into the following sections:

- preparation
- disassembly
- cleaning
- reassembly

preparation

Tools needed:

- phillips screwdriver
- small flat blade screw driver

Supplies needed:

- Glass cleaner
- lint-free cloths

- 1 Disconnect the USB cable between the scanner and computer.
- 2 Disconnect the power supply from the scanner.



Wait at least 15 minutes (after disconnecting power) before disassembling the scanner and cleaning the glass. This gives the scanner time to cool.

disassembly

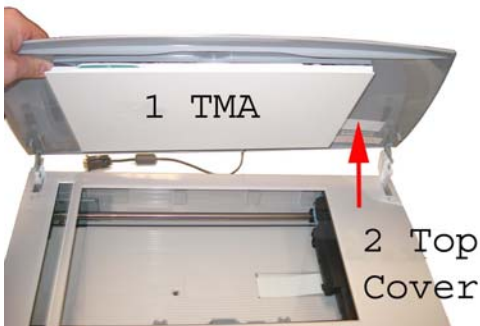
remove the scanner TMA

After steps 1 and 2 have been completed and the scanner has cooled for 15 minutes, you can remove the TMA as shown.

3 Unplug the TMA and open the lid and lift it straight up.



Unplug TMA



Scanner lid being removed

Scanner components:

- TMA (1)
- scanner top cover (2)

4 Set the lid aside.

Clean top of the scanner

Clean the outside of the scanner prior to disassembly to prevent contamination of internal parts.



Use only glass cleaner. Avoid abrasives, acetone, benzene, and carbon tetrachloride, all of which can damage the scanner glass. Avoid isopropyl alcohol because it can leave streaks on the glass.



Do not spray the glass cleaner directly on the glass. Do not allow the cleaner to seep between the glass and the plastic. If liquid gets between the glass and the plastic it could stain the calibration strip (the white strip under the glass) and render your scanner useless. If the cleaner gets in the calibration strip area, the scanner must be sent to hp for repair.

- 5 Apply glass cleaner to a soft lint-free cloth. Clean the plastic first.
- 6 Apply the glass cleaner sparingly to a separate cloth and clean the glass.

un-fasten the top cover

Begin disassembly only after completing steps 1 through 6



You are about to expose the interior of the scanner to the dust of the outside environment. the scanner is very sensitive to dust; any dust particles that get into the carriage head can cause streaks in the scanned image. Minimize the time that the top cover is off by having all the cleaning materials ready. Also be sure to disassemble your scanner in a clean environment.

7 Using a flat blade screwdriver pry up the button panel cover and remove it. Then Use a Phillips screwdriver and remove the four screws from the bottom of the scanner. See the following illustration for the location of the screws.



Removing the Button Panel



location of the screws

8 Remove the screws

Scanner Components

- top cover (1)
- base (2)

remove the top cover

After unscrewing the top cover, you are ready to remove it by lifting the rear of the scanner first, then sliding away from the front



top cover being removed

9 Carefully lift the top cover off the base. Lift the back of the top cover first then pull it out of the front bezel (bezel is referred to end containing the buttons and back is opposite of buttons). Turn the top cover upside down and set it on a clean surface



Dust will immediately begin accumulating in your scanner now that the top cover is off. Minimize the time the scanner base is exposed. Read all directions and have the necessary tools ready before removing the top cover. While the top cover is off do not leave the scanner unattended.

Static discharge from your fingers, hand, or tools will damage the circuit boards inside your scanner. Do not touch anything inside the scanner base.

Cleaning

clean the glass

You are now ready to clean the underside of the glass.



Use only glass cleaner. Avoid abrasives, acetone, benzene, and carbon tetrachloride, all of which can damage the scanner glass. Avoid isopropyl alcohol because it can leave streaks on the glass.



Do not spray the glass cleaner directly on the glass. Do not allow the cleaner to seep between the glass and the plastic. If liquid gets between the glass and the plastic it could stain the calibration strip (the white strip under the glass) and render your scanner useless. If the cleaner gets in the calibration strip area, the scanner must be sent to hp for repair.

10 Apply glass cleaner sparingly to a soft, lint-free cloth and clean the glass.

reassembly

re-mount the top cover to the scanner

When you have finished cleaning the underside of the glass, reassemble the top cover.

11 Hold the top cover at an angle so that you can slide the front of the top cover on to the scanner first and then lower the rear.



top cover being installed onto base

insert the screws

12 Re-insert and tighten the four screws with a Phillips screwdriver.

Step #7 Insert the screws

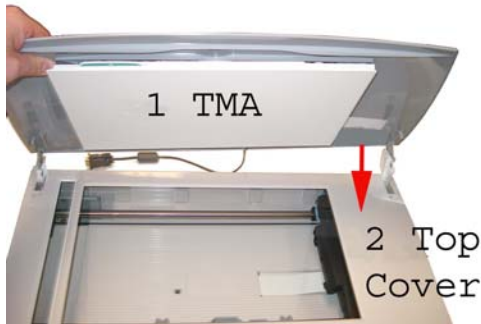


location of screws

insert the scanner TMA

you can now re-insert the scanner TMA, with the lid in the open position.

14 Align the lid hinges with the slots of the top cover and slide them in.



scanner TMA being re-inserted in scanner

Scanner components:

- TMA (1)
- scanner top cover (2)

15 Close the scanner TMA and plug it in to the proper port on the scanner.

reconnect your scanner

You can now reconnect the USB cable and the power supply to the scanner.

For instructions on connecting the cables see the setup instructions that came with your scanner.