



How to clean HP Photosmart c4780 ribbon cables

It is sometimes necessary to clean the cables connecting the electronic components of the printer in order to make sure everything works correctly.

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TOOLS:

- [Compressed Air](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Soft Cloth](#) (1)
 - [T10 Torx Screwdriver](#) (1)
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Step 1 — Outer Shell Disassembly



- Unplug the device from any energy sources.
- Lift the top cover of the scanner.
- Use a plastic opening tool to remove the plastic frame surrounding the glass.

Step 2



- Carefully pull the frame away from the glass.
- ⓘ If it doesn't remove easily, use the iFixit Opening Tool again to pry stuck sections.

Step 3



- Use a T10 screwdriver to unscrew the two screws that fasten the frame to the printer hood.

Step 4



- Put your finger behind the panel with the power button.
- Then, pull the piece outwards.

Step 5



- Unscrew the screw inside the power button panel space.
- Then, unscrew the screw that is across the printer slider.

Step 6



- Pull the white circuit board outwards which is located under the small screen.

- Unplug the small ribbon cable from the circuit board.

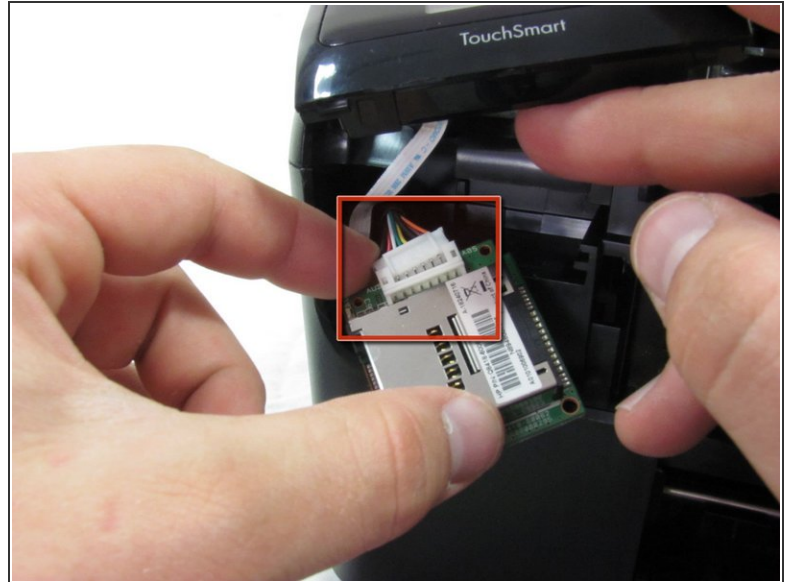
⚠ Be careful when you unplug the ribbon cable not to use too much force. Using too much force may damage or rip the cable.

Step 7



- Unplug the small ribbon cable from the circuit board. Be careful when you unplug the ribbon cable not to use too much force. Using too much force may damage or rip the cable.

Step 8



- Pull the memory card reader's circuit board out.
- Detach the white wiring connector from the back of the circuit board.
- ⓘ You may need to use a finger nail or a plastic opening tool to detach the white wiring connector from the circuit board.

Step 9



- Put your finger behind the small screen.
 - Then, pull it up.
- ⚠ Do not hesitate to use force to remove the TouchSmart panel.
- Disconnect the ribbon cable from the small screen.

Step 10



- Pull the printer hood upward.

Step 11 — How to clean HP Photosmart c4780 ribbon cables



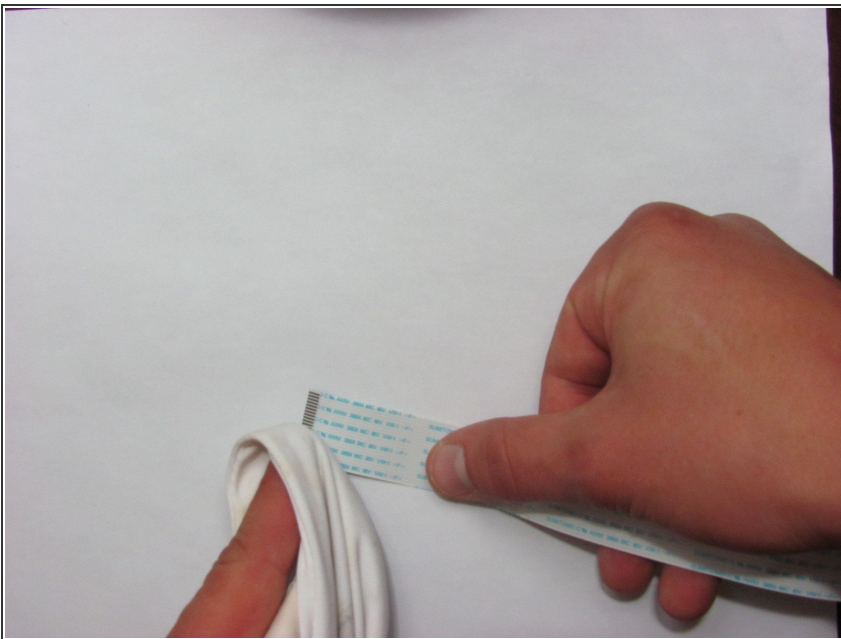
- Ribbon Cables connect electronics to one another and flat in appearance and flexible.
- ❗ There are many ribbon cables throughout the printer. After opening up the casing of the printer the ones that are easily accessible are the ones that need cleaning. They all require the basic process to clean.

Step 12



- In order to remove a ribbon cable pull the cable out of its port with a moderate amount of force. Remember the orientation of the cable if you can.

Step 13



- After the cable is removed use compressed air to clear dust out of the port, and a dry soft cloth to clean the end of the cable.

To reassemble your device, follow these instructions in reverse order.