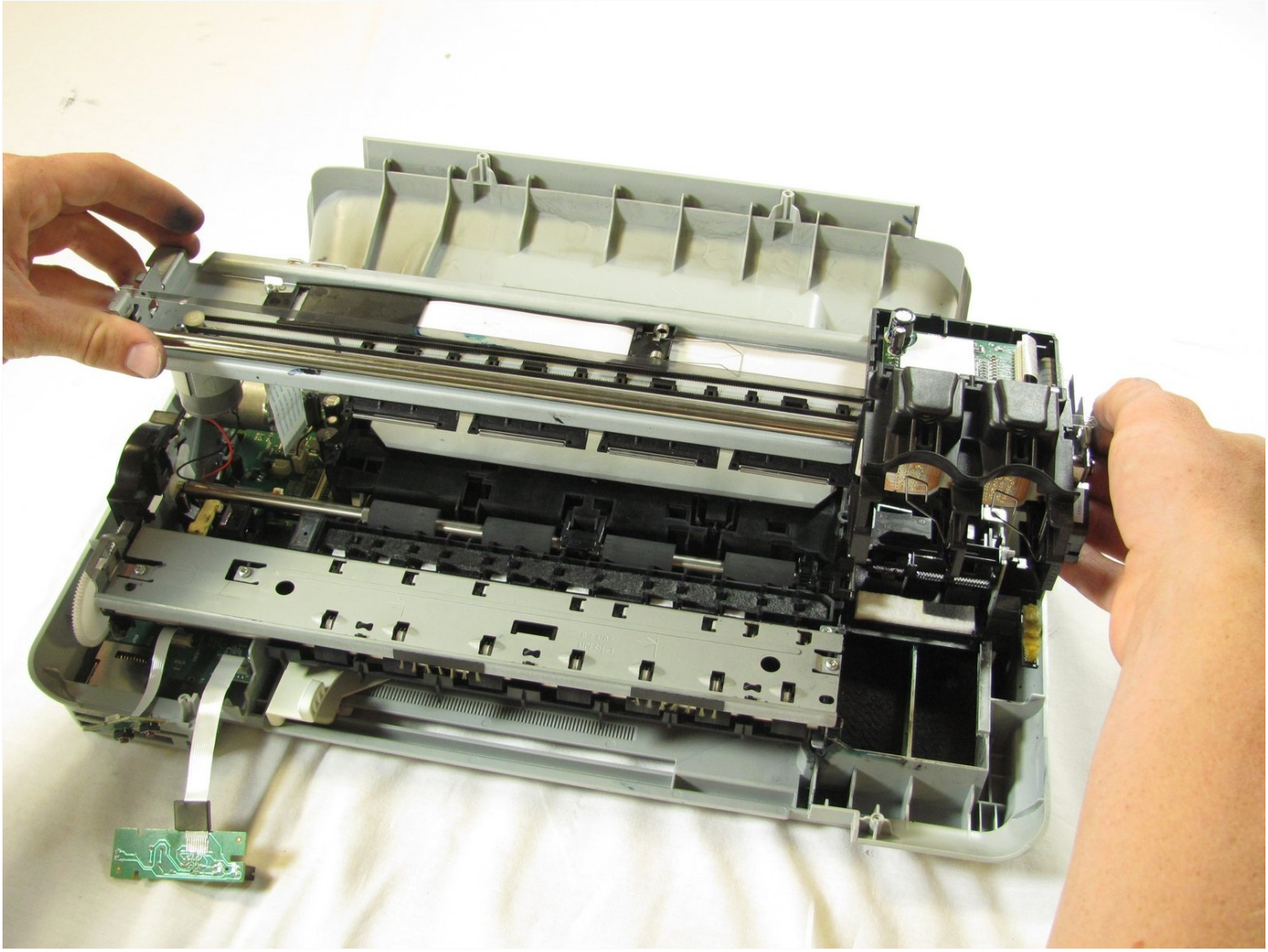
Disassembling HP Photosmart c3180 Ink Cartridge Track

Written By: Jim



TOOLS:

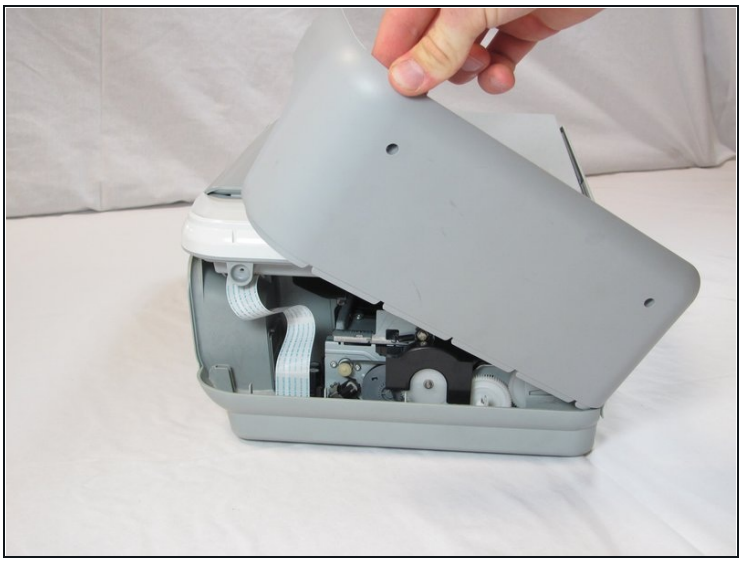
Spudger (1)
TR10 Torx Security Screwdriver (1)

Step 1 — Top Panel of HP Photosmart c3180 printer

Before disassembling your printer, be sure that the printer has been unplugged to avoid any risk of injury.

- Rotate the printer 90 degrees counter clockwise so that the side panel next to control panel is facing you.
- Remove the two T10 12mm Torx screws from the left side panel.

Step 2

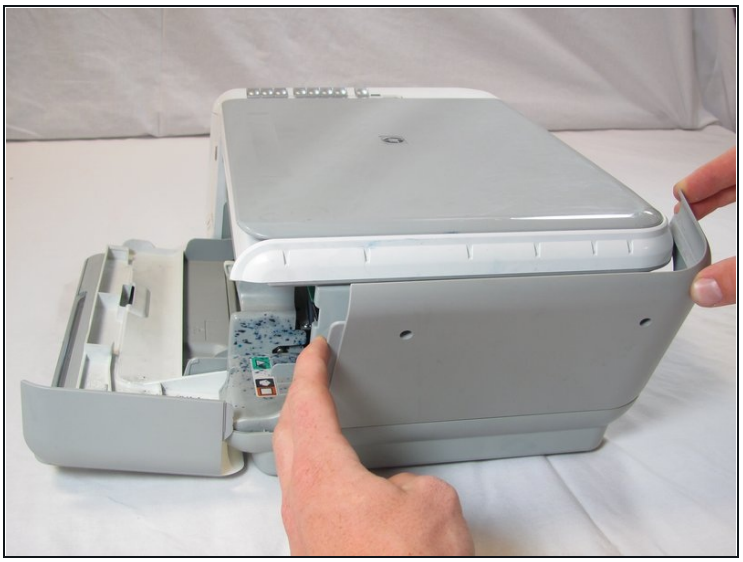


- Firmly pull the the back of the side panel until it separates from the body of the printer.
- Rotate the side panel upwards while pulling it towards yourself to remove the panel.

Step 3

- Rotate the printer 90 degrees clockwise.
- Grasp the paper tray and rotate it down.
- Insert your fingers into the slot in the printer door and pull to rotate the gate down.

Step 4



- Rotate the printer 90 degrees clockwise.
- Remove the two T10 12 mm Torx screws.
- Grasp both sides of the side panel and pull it forward to remove the panel.

Step 5

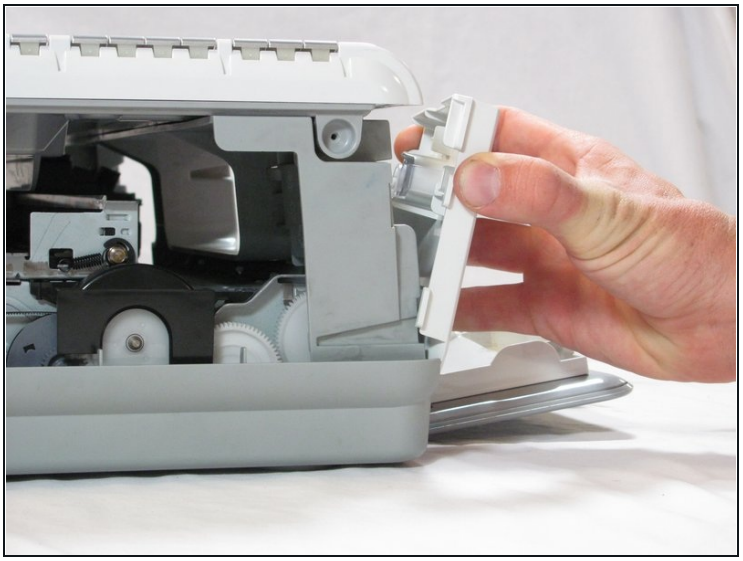
- Rotate the printer 90 degrees counter clockwise.
- Lift the scanner lid to expose the scanner glass.

Step 6

- Remove the two T10 12 mm Torx screws.

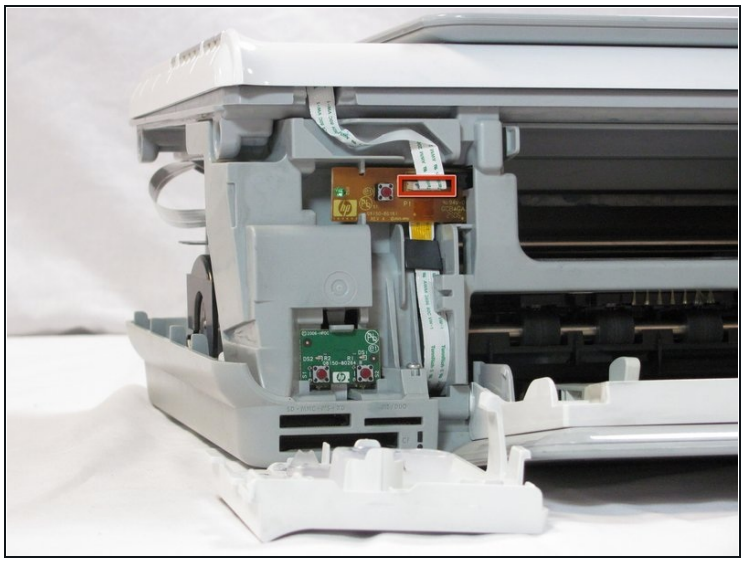
⚠ Do not attempt to lift the top panel off the printer yet because it is still connected to the printer body by a cable.

Step 7



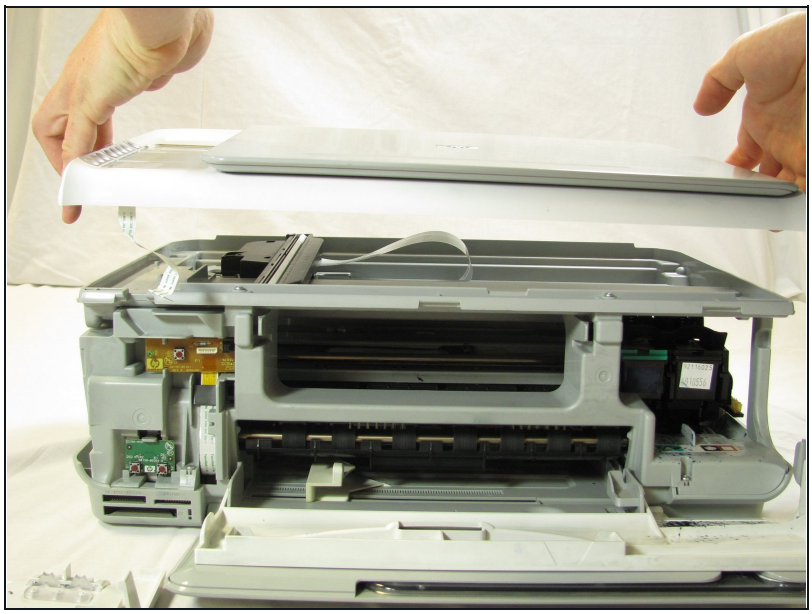
- Rotate the printer 90 degrees counter clockwise.
- Inside the printer is a small white tab. Press it inward with a spudger until a pop is heard.
- Remove the front panel by grasping its front and pulling away from the printer.

Step 8



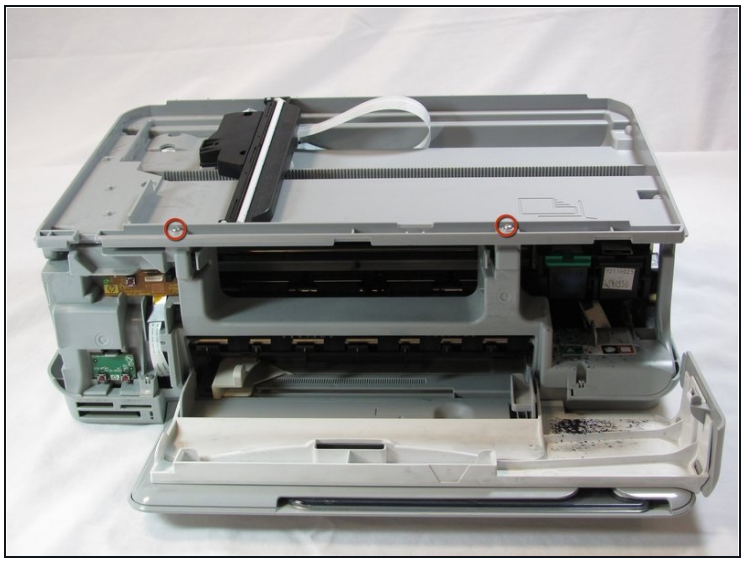
- Rotate the printer 90 degrees clockwise.
- Remove the cable connecting the top panel of the printer to the power button assembly.

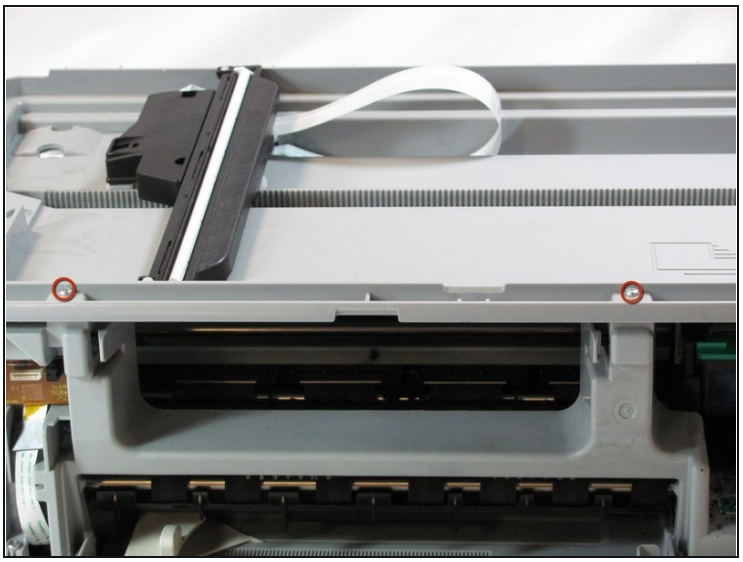
Step 9



- Carefully lift the top panel of the printer away from the printer body.

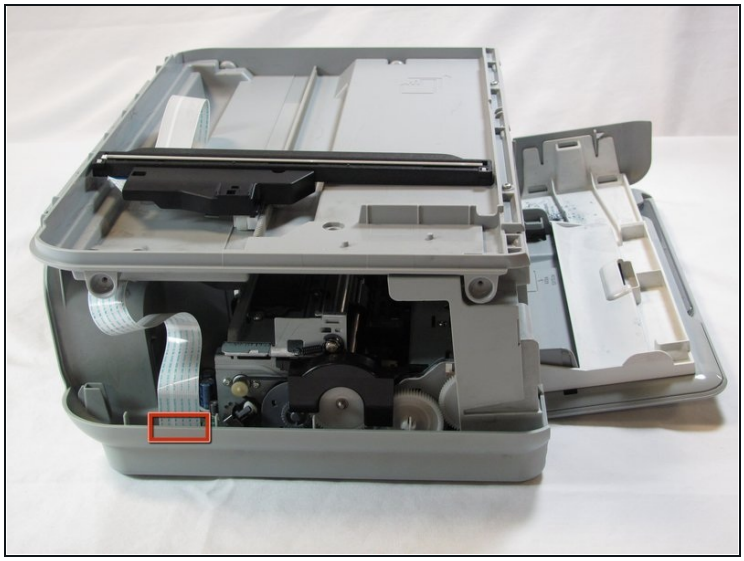
Step 10 — Ink Cartridge Track

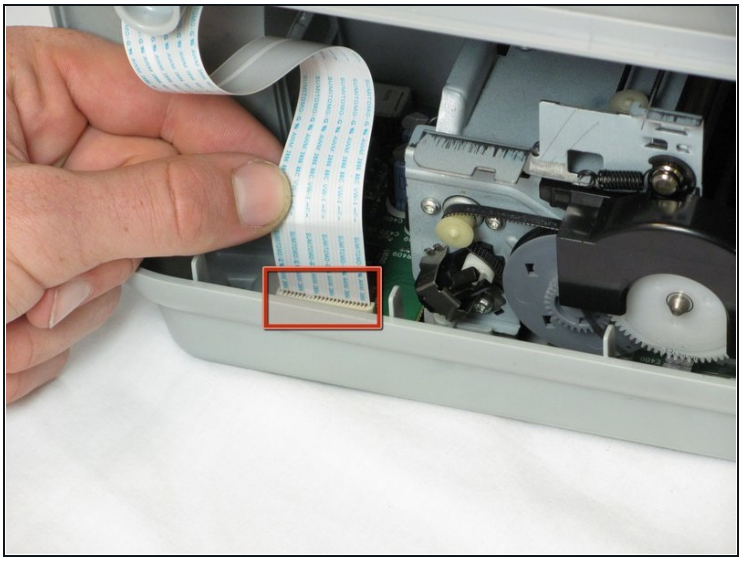




- Set aside the top panel of the printer.
- Remove the two T10 12 mm Torx screws from the top front of the printer

Step 11

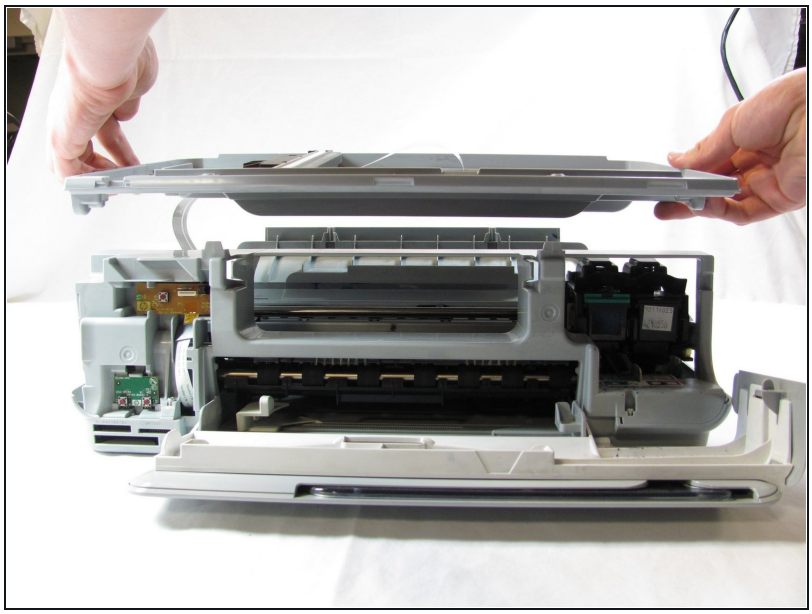




- Rotate the Printer 90 degrees counter clockwise.
- Remove the scanner cable from the main circuit board.

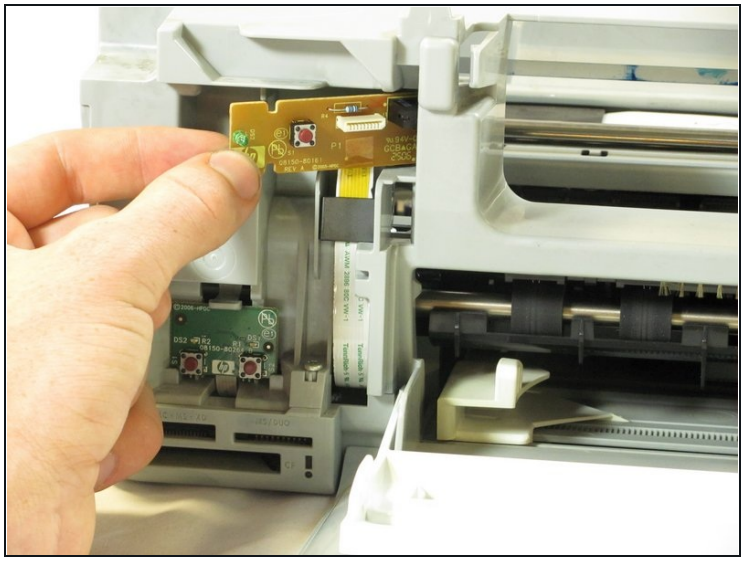
ⓘ Grasp the bottom of the cable and pull straight up. Do not wiggle it from side to side or twist it as this can damage the connection.

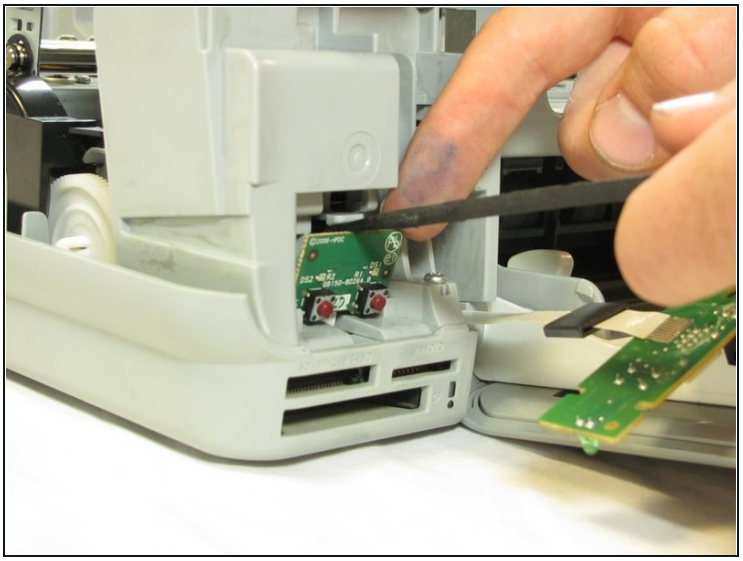
Step 12



- Rotate the printer 90 degrees clockwise.
- Using both hands, lift the scanner tray from the body of the printer.

Step 13

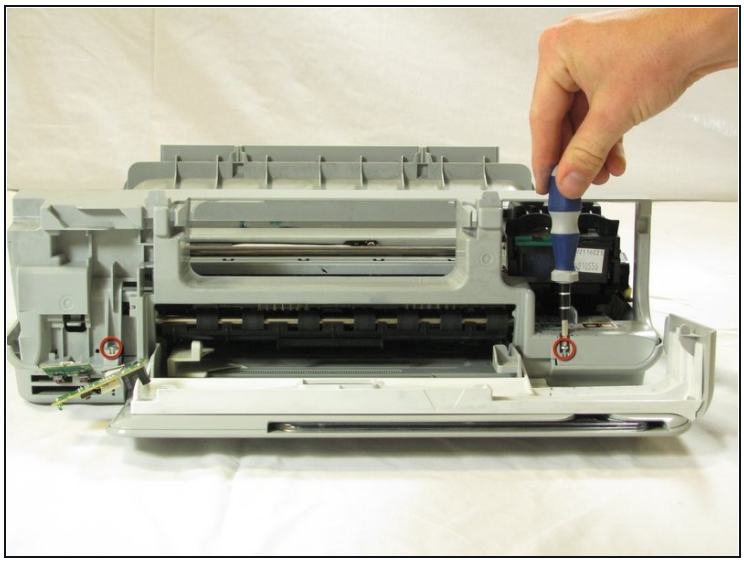


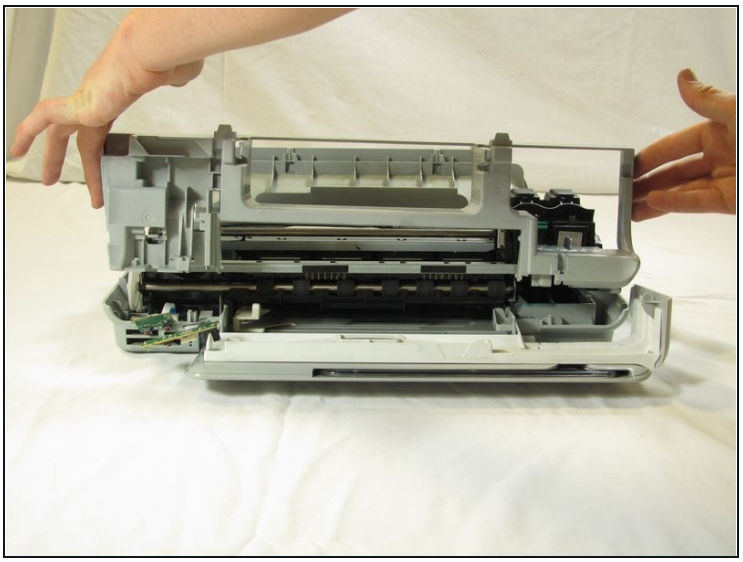


- Remove the power button circuit board from the support frame by pinching the left side, and pulling forward and to the left simultaneously.
- Push up on the tab holding the secondary control circuit board with the spudger and pull it forward to remove it.

⚠ Be careful not to pull too hard on the cable connecting the power button control circuit board and the secondary control circuit board to the main circuit board

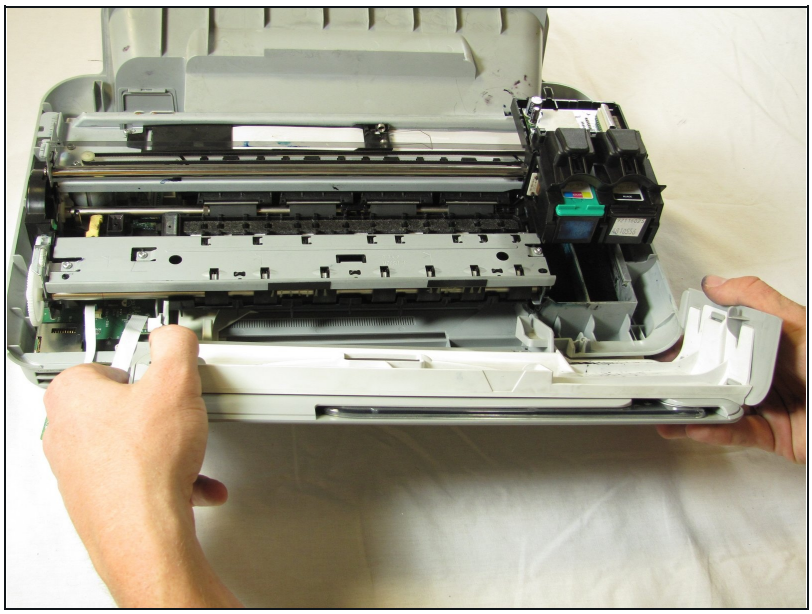
Step 14





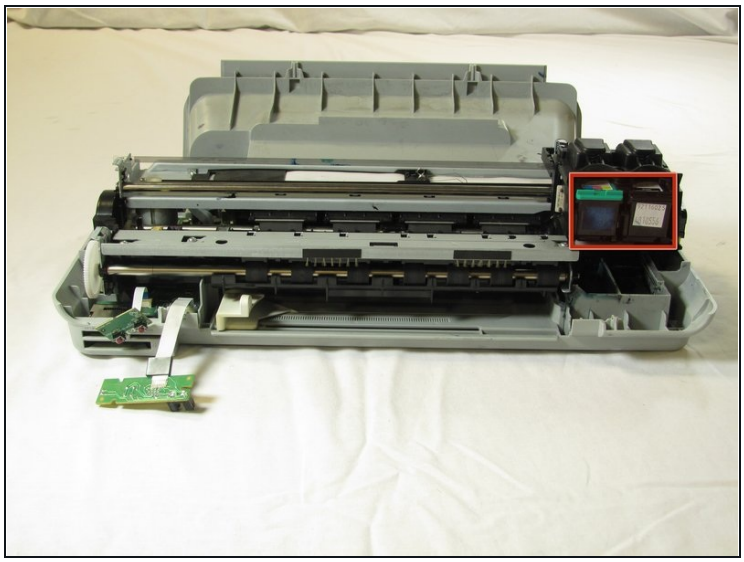
- Remove the two T10 12 mm Torx screws.
- Lift the support frame off of the printer body with both hands.

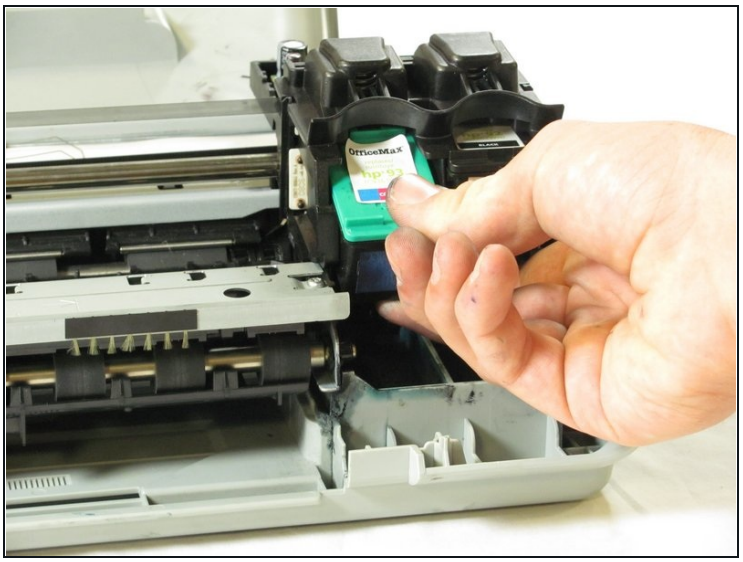
Step 15



- Remove the printer door and paper tray by putting them in the closed position and not laying flat then rotating them upwards lift the left side up.

Step 16

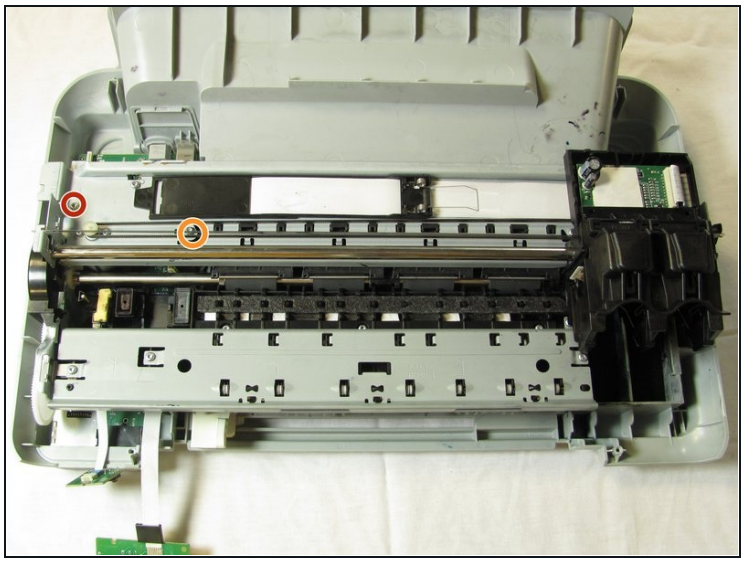


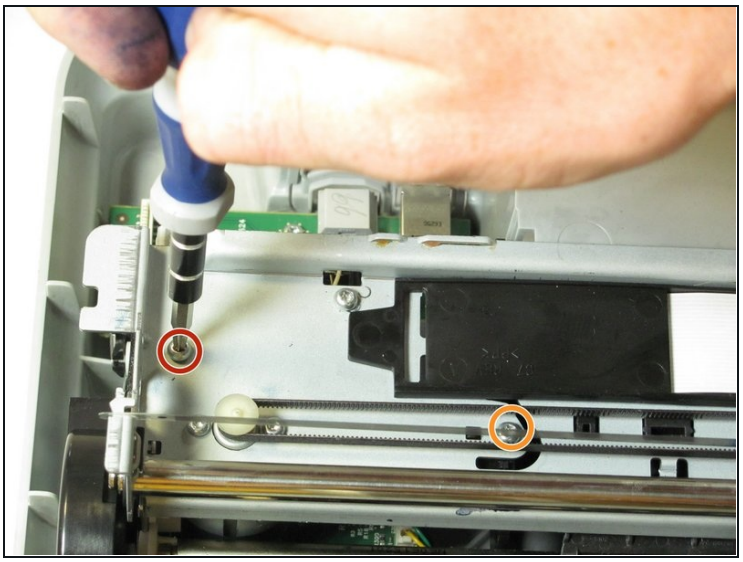


- Remove both of the ink cartridges by grabbing the front of the ink cartridge and pulling down.

ⓘ Make sure that the printer carriage is pushed all the way to the right.

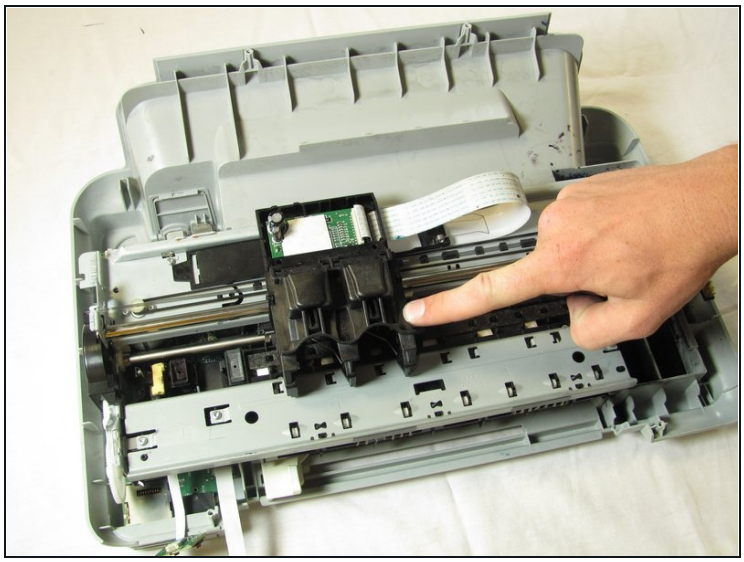
Step 17

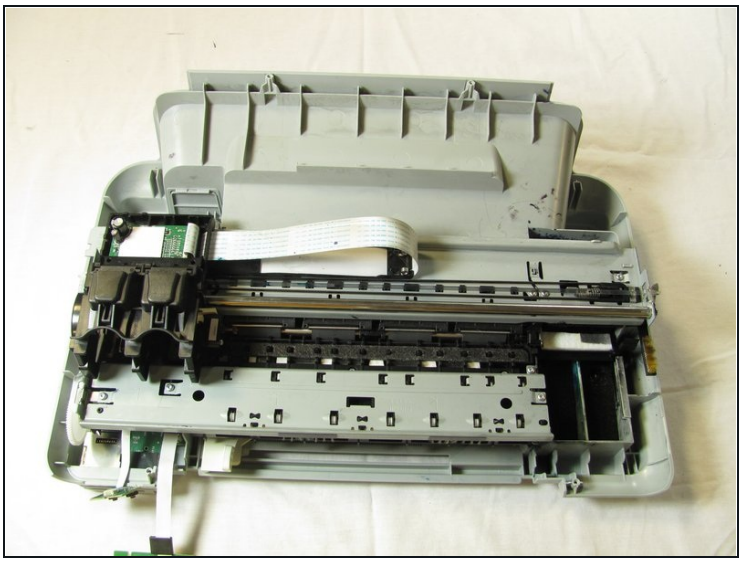




- Remove the T10 6 mm Torx screw on the left side of the track assembly.
- Remove the T10 12 mm Torx screw on the left side of the track assembly.

Step 18



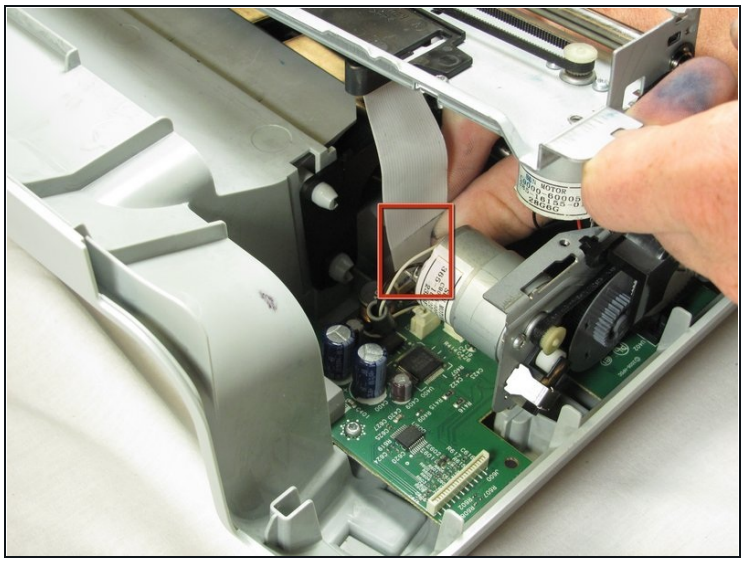


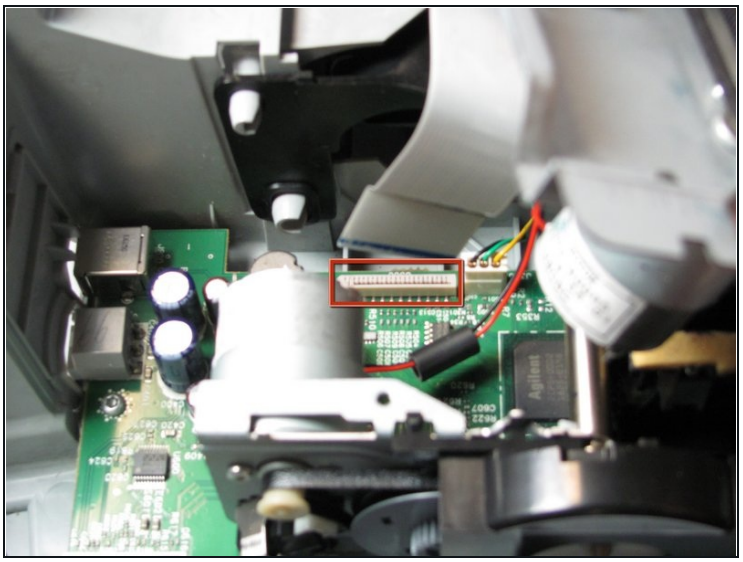
- Gently push the ink cartridge carriage to the left side of the printer.

Step 19

- Remove the two T10 12 mm Torx screws.
- Remove the two T10 6 mm Torx screws.

Step 20



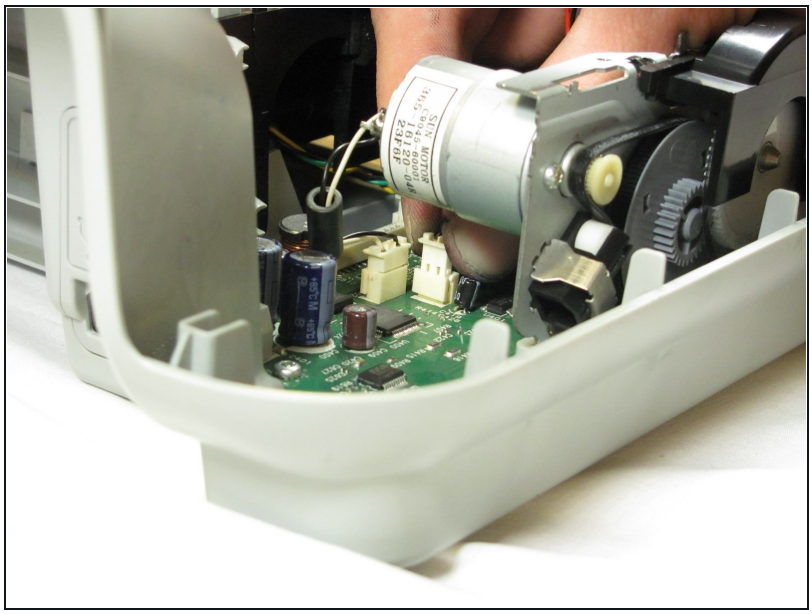


- Rotate the printer 90 degrees counter clockwise.
- Remove the cable connecting the ink cartridge carriage to the main circuit board.

⚠ Pull straight up to free the cable from the main circuit board. Do not twist or wiggle the cable as doing so can damage it.

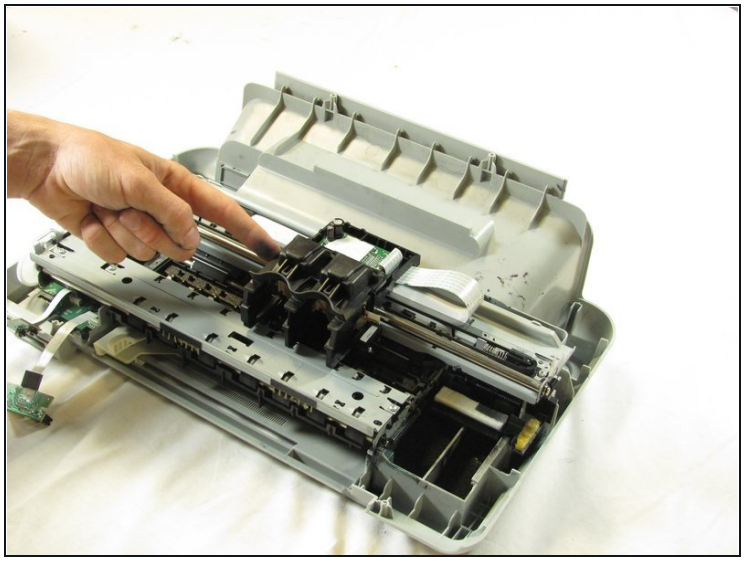
ⓘ You may need to lift the carriage up with one hand in order to reach the cable with the free hand as shown.

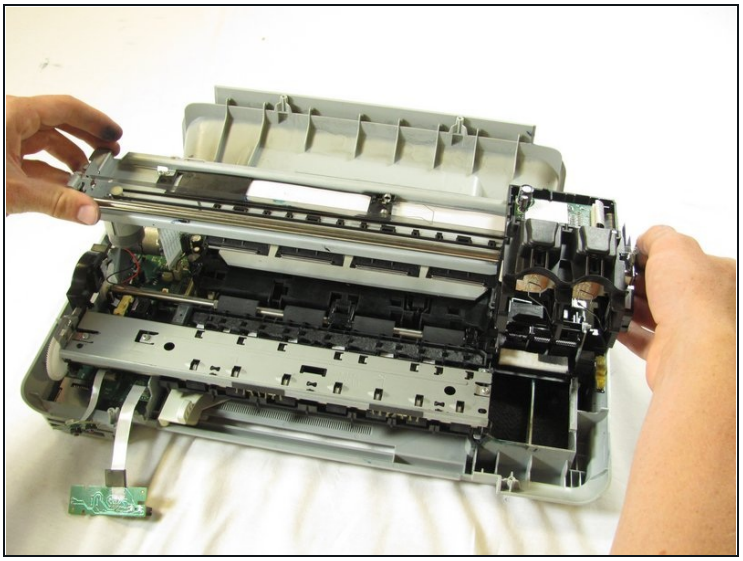
Step 21



- Carefully remove the connector holding the drive motor wires to the main circuit board.

Step 22





- Slide the ink cartridge carriage all the way to the right side of the printer.
- Using both hands, carefully lift the ink cartridge track off of the main body of the printer.

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