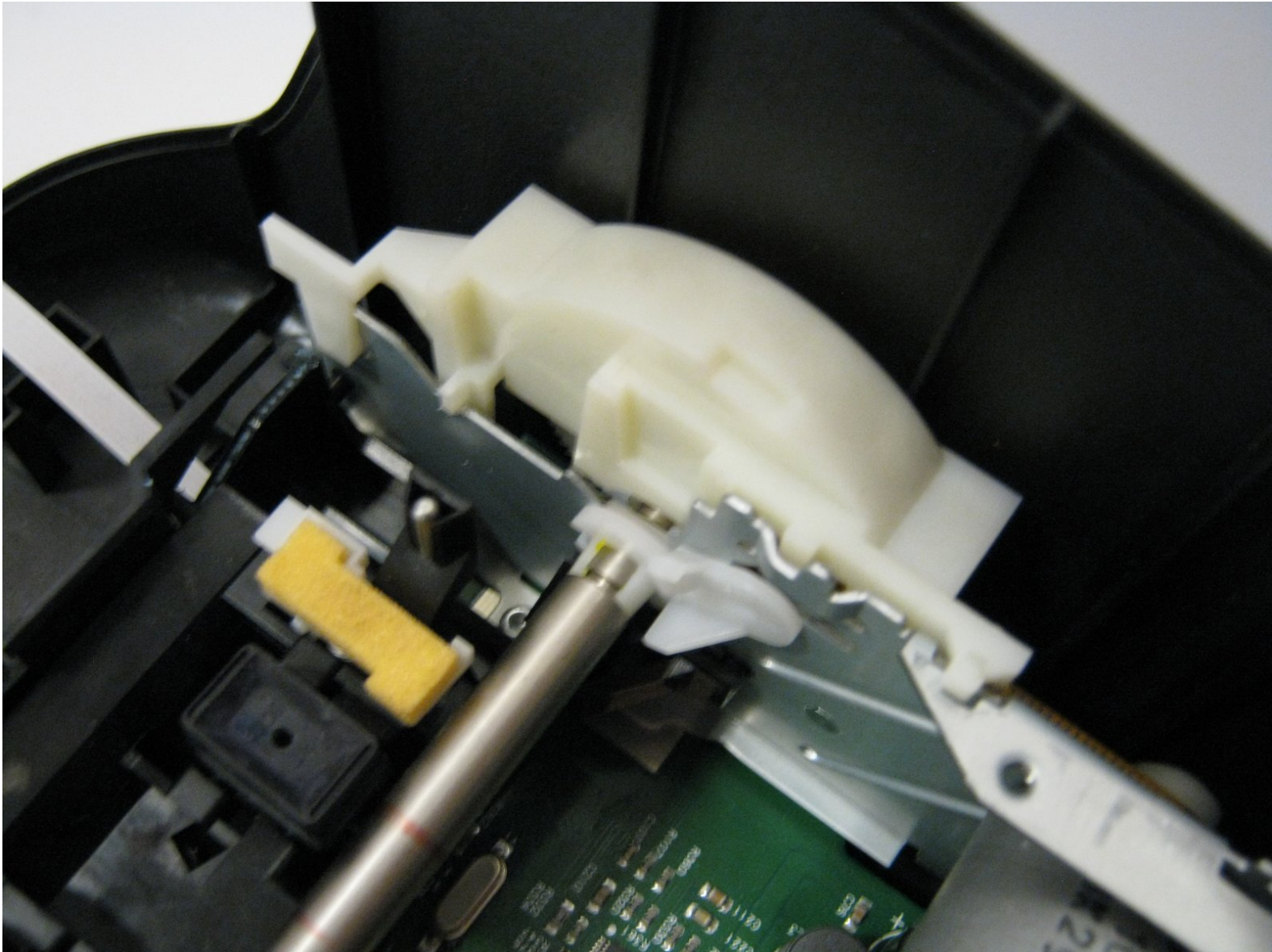




HP Deskjet D1660 Gear Guard Replacement

Replace the gear guard to enhance printer durability and performance.

Written By: Justin Taiki Fukada



INTRODUCTION

This guide will replace the gear guard, which will be hidden under the metal frame. It protects the gear from dirt and dust accumulation that would affect the printer's performance.

TOOLS:

- [T10 Torx Screwdriver](#) (1)
-

Step 1 — Top Cover



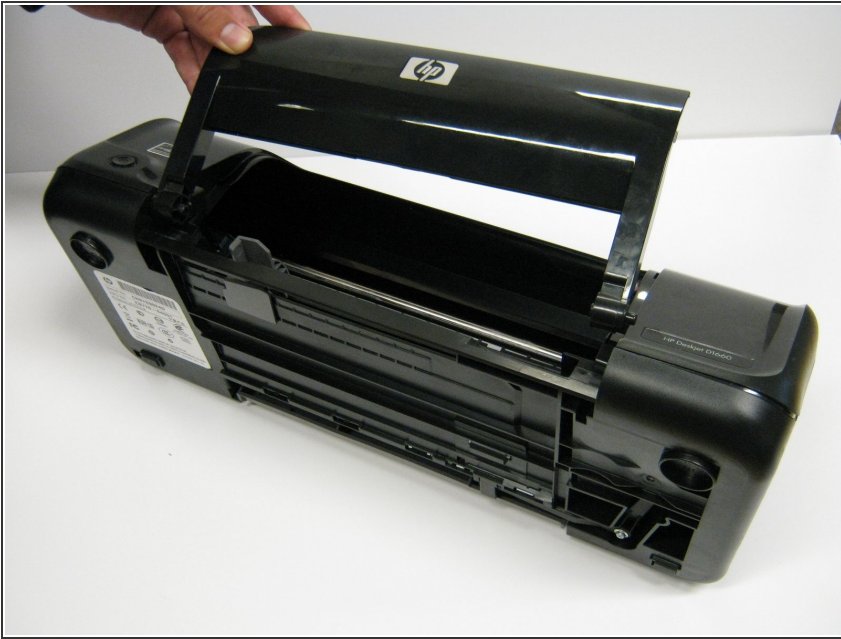
- Remove the back two 14.0 mm Torx #10 screws.

Step 2



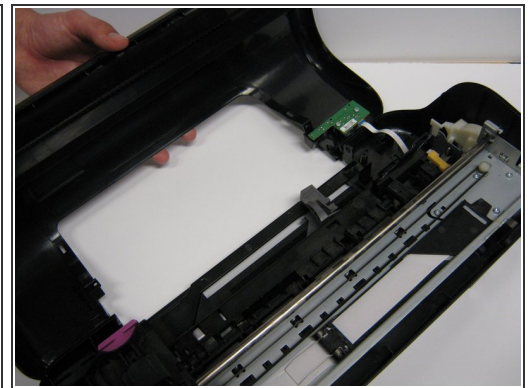
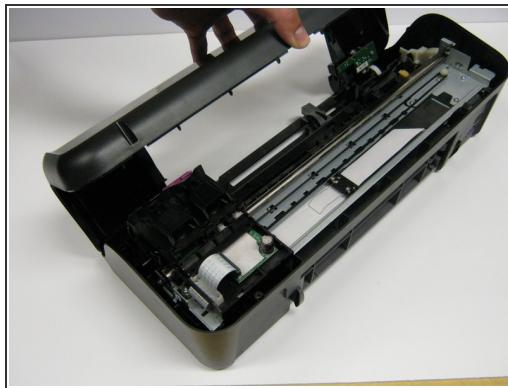
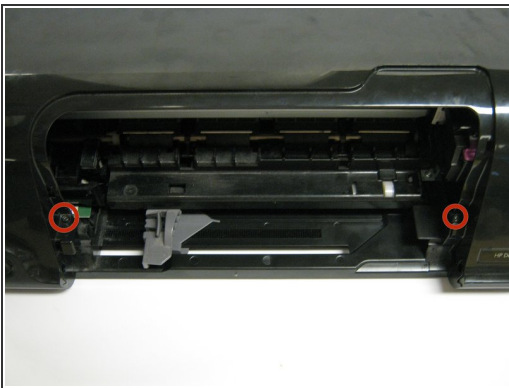
- Lay the printer on its back.
- Grab the paper tray by its right side and pull it to the left and up.

Step 3



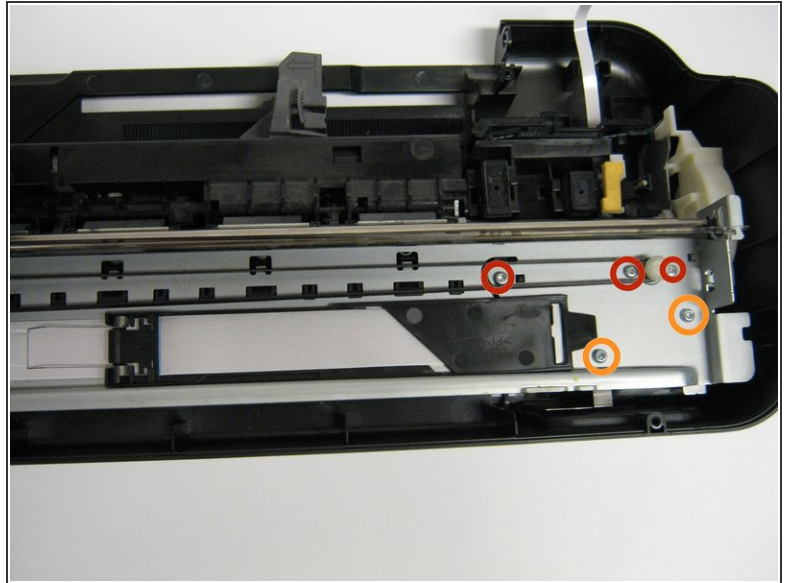
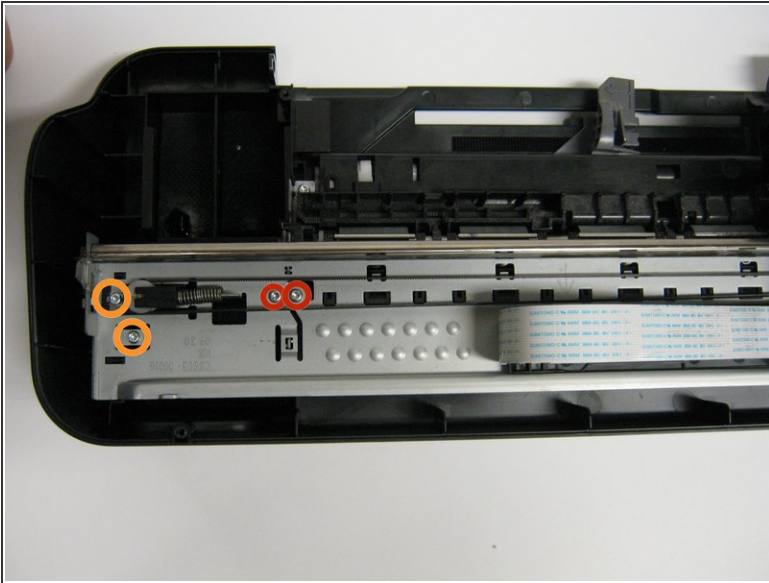
- Open the frontal access panel by lifting it from the top.
- Similar to the paper tray, grab it from the right side and pull it to the left and up.

Step 4



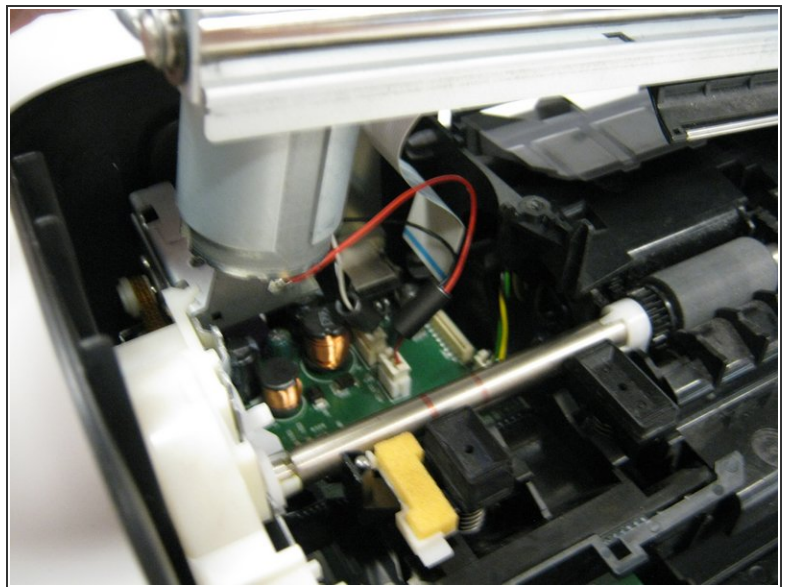
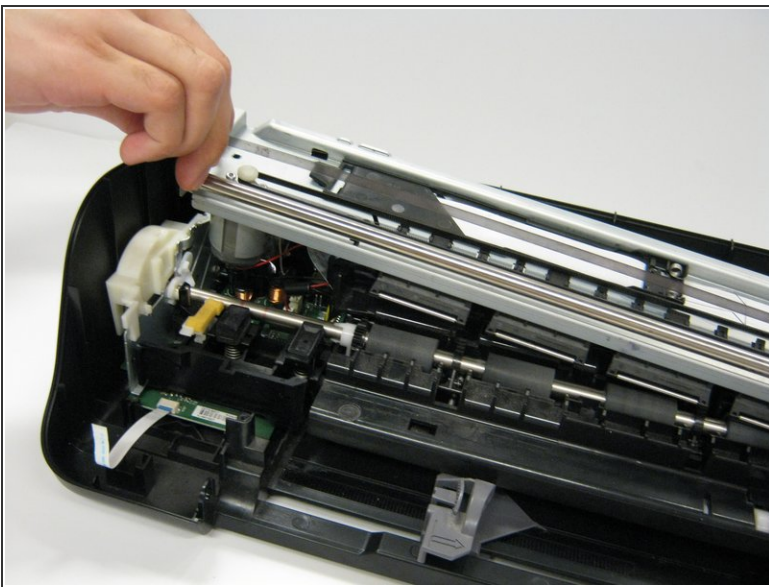
- Take out the two frontal 14.0 mm Torx #10 screws.
 - Carefully lift the frontal cover.
- ⚠ Don't lift it up aggressively. A strip will be attached to it.

Step 5 — Ink Cartridge Rail



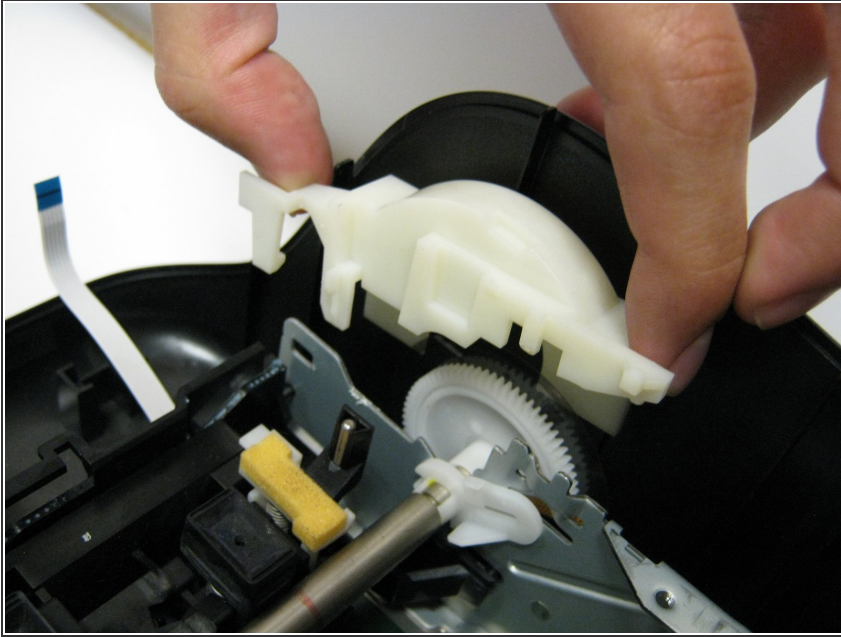
- Remove the five 13.0 mm Torx #10 screws found on top of the frame.
- Remove the four 9.0 mm Torx #10 smaller screws.

Step 6



- ⚠ Lift the rail carefully as a strip and motor will be connected to the bottom part of the printer.
- Now detach the white strip and wires by gently lifting them up.

Step 7 — Gear Guard



- The gear guard will be located on the left side of the printer.
- Grab the plastic guard and lift it up.

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