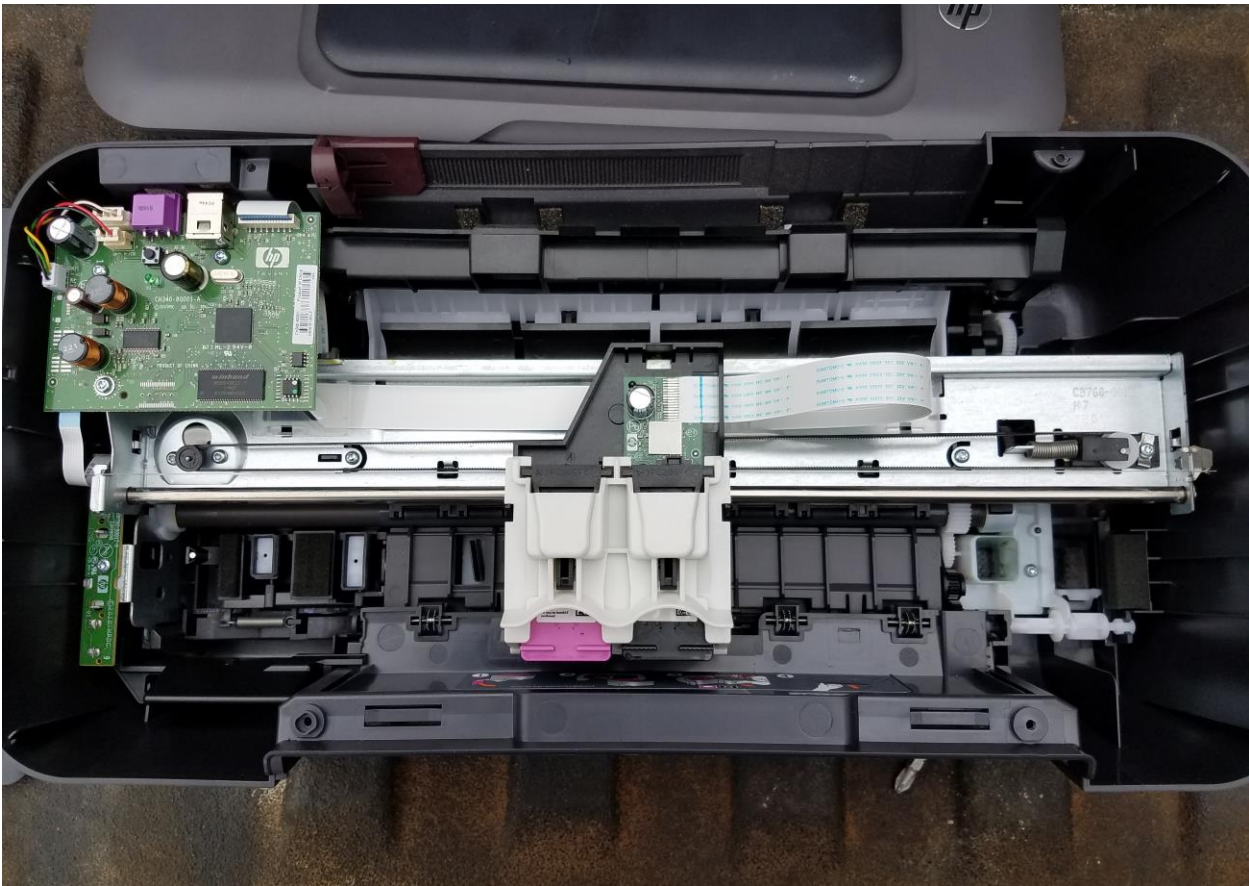




The original state of the printer. Note the paper tray and catcher. Next is the internal shot.







The motor used here is a simple DC motor, because it is cheap, sorry inexpensive. But how do we determine the position of the carriage that holds the print heads. A tape is stretched across the throw of the carriage, the following image is a close up of the tape, on which we can see the fine lines that are etched on the tape.



The tape then runs through a opto-interrupter, except instead of a single receiver, this one has two.

