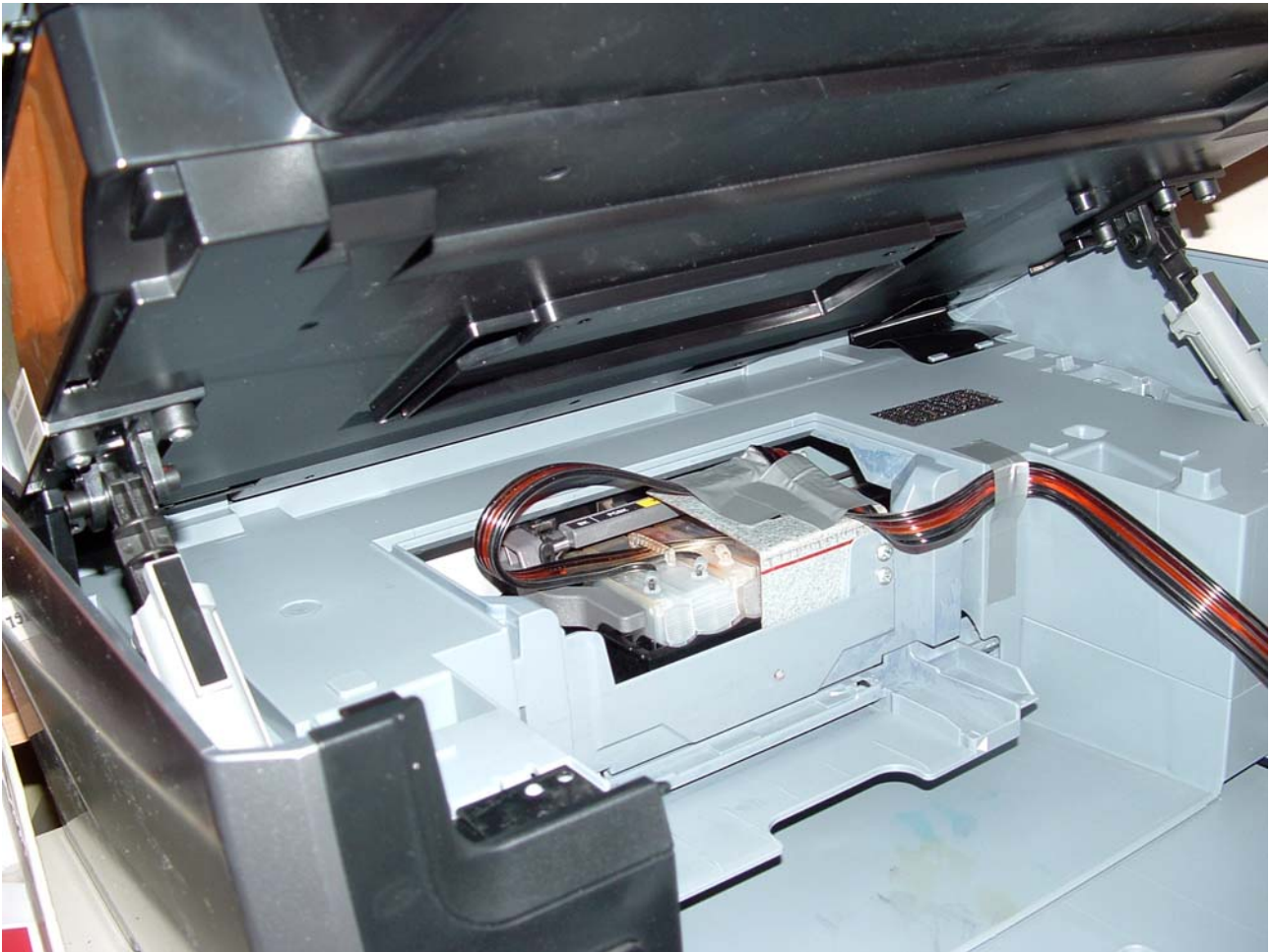


Here is a photo of the Canon Pixma MP830 with the scanner section raised to show the installation of the Continuous Ink System (CIS).



Canon have implemented two elements into the design to make the installation of a CIS difficult.

The first problem is caused by a gutter around the cartridge access area in the lower part of the MP830 (printer section), with a mating ridge in the upper part of the MP830 (scanner section).

If you install the ink tube ribbon using the printer installation method, this gutter will pinch the ribbon and block the ink flow when you lower the scanner section.

The second problem is caused by a “blocker” panel which is attached to the underside of the scanner section. This hinged panel interfaces with an assembly in the lower printer section of the MP830, to effectively block access to the cartridge area. Fortunately this panel can be taken off easily by removing the two screws that secure it. It serves no other purpose.

By removing this “blocker” panel, the front of the cartridge area can now be accessed, which provides a route for our ink tube ribbon.

To support the ink tube ribbon I used an angle bracket of sheet metal that attaches in front of the print carriage to the inside of the printer chassis with two self tapping screws (through two holes I drilled into the chassis). The holes in the plastic are large enough for the screws to pass through. The holes in the bracket are smaller so that the screw tap into the metal. The bracket need not be as wide as the one I used. The placement of the screws is important. They need to clear the CD feed tray when in its upright position. The screws need to be just long enough to secure the bracket, as clearance is minimal and screws that are too long will

jam the printer carriage as it goes by. I have used duct tape to secure the ink tube ribbon to my bracket, but cable ties would be a better and more permanent option.

