



D A T A G R O U P L L C

Installation 1796

Replacing Microfiber Roller:

Why do we do this?

Throughout the life expectancy of the printhead a lot of media comes in contact with printhead. This media carries debris and other artifacts across the printhead which can get stuck and cause poor print quality with time. The microfiber roller wipes the printhead down and absorbs residual ink left over from past print jobs. Over time this microfiber roller becomes warped and needs to be changed.

Steps to follow:

- Replace microfiber roller

Equipment Needed:

- Nitrile Gloves
- Screw Driver - Eye Glass Repair Kit
- Piece of cardboard / Lint free cloth

Directions for Replacing Microfiber Roller:

Eject the service tray from the printer:

Open up the Colordyne Toolbox Software and under the section labeled "Service" – select the tab labeled "Eject Service Tray". You will then be prompted by a question asking if you want eject the service station. Before clicking "Yes" lift the hood of the printer up in addition to the clam shell.

- Colordyne 1600S End Users: remove the horizontal exit plate attached by the four Phillip's head screws.



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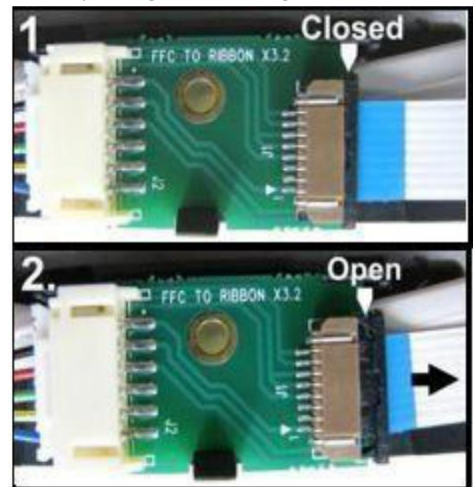
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Slide the Service Station out of the Service Station port. NOTE: Do not pull Station all the way out until you disconnect the Ribbon Cable. Slide the Latch open on the Service Station Circuit Board to release the Ribbon Cable. Remove the Service Station.

Figure 1. Ejecting service tray



Figure 2. Opening and closing ribbon cable





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After the service station has been disconnected from the ribbon cable and removed from the print engine place the service station down on a piece of cardboard. The service station holds all of the discarded ink from the printhead and funnels that ink down on to the ink wastepad.

Remove each of the following four compartments from the service tray:

- Micro-Fiber Roller (Yellow)
- Platen (Burgundy)
- Cap (Blue)
- PCB Chip (Red)
- Service Tray (Grey)

Figure 3. Overview of compartments contained in the service tray





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With these components accessible – isolate your Micro-Fiber Roller. Utilizing a small Phillip’s head screw driver. Loosen, but do not remove the screws, holding the plastic locking clips on the left and right side of the Micro-Fiber Roller in place. After loosening these screws enough, the plastic locking clips should release.

Figure 4. Loosening screws & unlocking latches holding Micro-Fiber Roller in place



After loosening the screws up and unlocking the plastic latches the Micro-Fiber Roller is accessible. Remove the used Micro-Fiber Roller install the new Roller after locking the plastic latches back in place and fasten the screws down.

Final Directions:

At this time the you have completed replacing the Micro-Fiber Roller. Assemble the service station components back in the correct order. All that is left to do is connect the ribbon cable and return the service tray back to the print engine.