



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

*Installation 1759*

## **Washing the Service Station:**

Why do we do this?

Washing the service station is necessary because the amount of debris and left over ink from print jobs gets received by the service tray and can accumulate and never be funneled down to the ink waste tray absorber. This abundance of ink can cause streaking on the bottom side of your media as it passes through the print engine. Washing the service station out with sink water will ensure that your service station is not transferring ink onto the backing of your media.

Steps to follow:

- Eject Service Station
- Wash Service Station Out

Equipment Needed:

- Nitrile Gloves
- Piece of cardboard / Lint free cloth
- Bottle with distilled water

Directions for Washing the Service Station:

Eject the service tray from the printer:

- Colordyne Users: Open up the Colordyne Toolbox software and under the section labeled "Service" select the tab "Eject Service Station". You will then be asked to verify that you want to eject your service tray – select the tab labeled "Yes".
  - If you have a Colordyne 1600S you will need to remove the exit plate attached by the four screws.



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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.

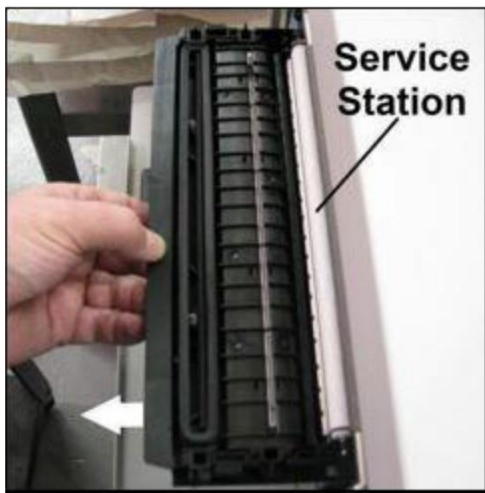


Figure 1A. Pulling service station out of printer

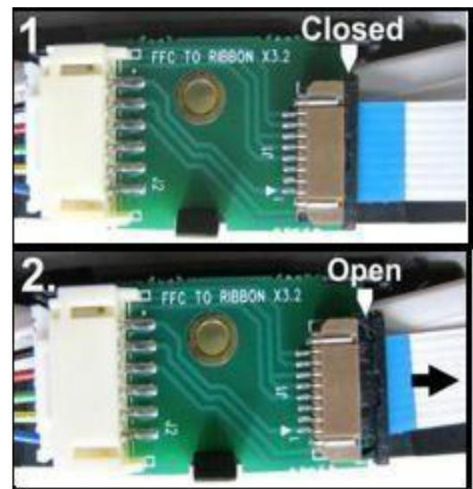


Figure 1B. Unlocking ribbon cable



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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 2. Overview of compartments contained in the service tray



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Before washing the service tray and components out in the sink. **Remove the microfiber roller from its holster and set it to the side because the roller can not be washed. The microfiber roller can not be washed because it can lose its shape after being washed and dried out.** The holster needs to be washed with a spray bottle that contains distilled water – angle the holster over a trash can and spray the silver roller so all the ink runs down and into the trashcan until the ink is no longer running out of the holster. Be sure to keep your hand over the silver roller to ensure that it does not come out of position. Pat down the holster with a dry towel or cloth to absorb any left-over moisture.



Figure 3. Remove microfiber roller from holster.

The parts that can be washed in the sink are: Print Cap, Print Platen and Tray. In the picture below they are designated by a green circle. Do not wash the PCB board that connects to the back of the service station and do not wash the Microfiber Roller. As you can tell the Print Cap, Print Platen and Tray all have built up ink that has collected over time.



Figure 4. Parts that can be washed in the sink (Platen, Cap & Tray) are marked with green dots. For additional support call the Vivid Data Support Team at 1-855-848-4332 Option 2!



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Below a before and after picture of the dirty and clean service tray and its components are displayed.



Figure 5A. Before being washed

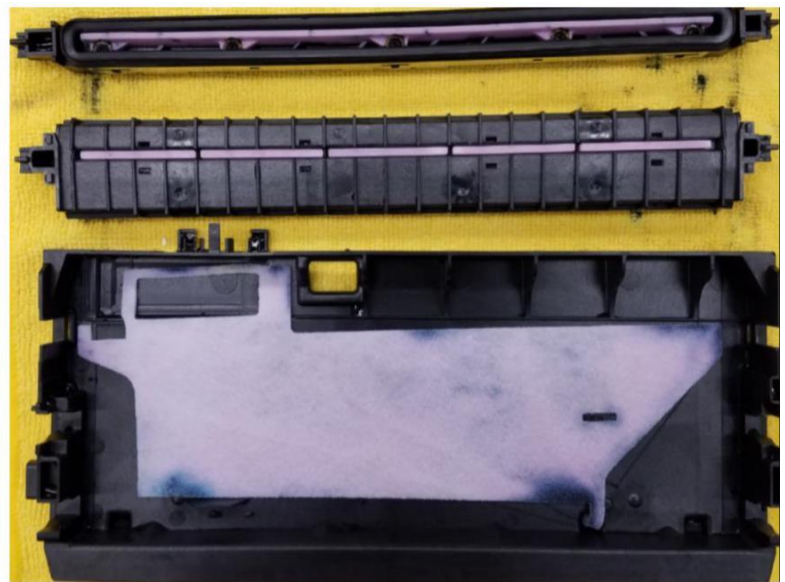


Figure 5B. After being washed

Place the micro-fiber roller, platen and cap back in the service tray in their correct designated spots as shown below.



Figure 6. Assembled service tray after being washed



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Final Directions:

At this time you have washed the service station and its components out which is necessary to ensure your device remains clean while increasing the life expectancy of this consumable product. Before installing the service station back into the machine re-lubricate the service station. Reach out to Vivid Data Group Support if you need the service bulletin for lubricating the service station. Now all that is left to do is connect the ribbon cable and return the service tray back to the print engine.