

FB5x0 - FB7x0 Advanced printhead recovery procedure

1. Empty print heads of ink of the affected color or colors.
2. Open the ink reservoir(s) and carefully clean the thermistor(s).
See embedded pdf - FB5x0 FB7x0 - Inspecting the Ink Thermistors
3. Clamp off the affected color's vacuum air tube(s) so the other printheads won't drip ink.
4. Inspect the inside of the reservoir body for any debris or coagulated ink and wipe it out with a HP printhead flush soaked lint free cloth.
5. Fill each reservoir about 2/3 full of HP Printhead flush and let soak for at least 30-60 minutes. The longer the soak the better results will be.
6. If new, fresh ink has not been installed and the ink system changed over with that ink, while the reservoirs are open, the reservoir covers can be placed into a vessel to catch ink, use the "Prime Ink Pump" function to pump the newly arrived and fresh ink through the ink system. 150 – 200 ml or ½ cup or 4 fl oz should be enough.

Tools -> Service Printer -> Ink System Tests -> Prime Ink Pumps

Note: The Prime Ink Pumps works on a duty cycle of 10 seconds on and 10 seconds off until the process is cancelled by the user or the ink sensor senses ink.

7. After 30 – 60 minutes refill reservoir(s) to the 2/3 full again with HP Printhead flush.
8. Replace the reservoir cover(s) and empty the heads of ink.
9. Refill head(s) with the new ink(s). Empty and refill 2 more times. This is required to eliminate the flush from the ink. Flush in the ink will cause poor curing of the ink.
10. Print a Prime Bar from service menu to evaluate jet recovery. If some or most of the nozzles now fire, consider running this procedure again with a longer soak time.