

Print Head Filter Replacement

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1. Purpose

Provide instructions on Print head 20mic filter replacement.

2. Materials and Equipment

#	Item No.	Item Name	Figure	QTY
1.	03-FLTR-0005	FILTER, ST.ST. SINTERED TUBE, 15-20 MICRON, 12.4X9.2X16mm		1
2.	40-SEAL-3001	SEAL DISC, SILICON, 1mm X 12mmØ		1
3.	N/A	ALLEN KEY, 2.5mm		1

3. Print Head Filter Replacement

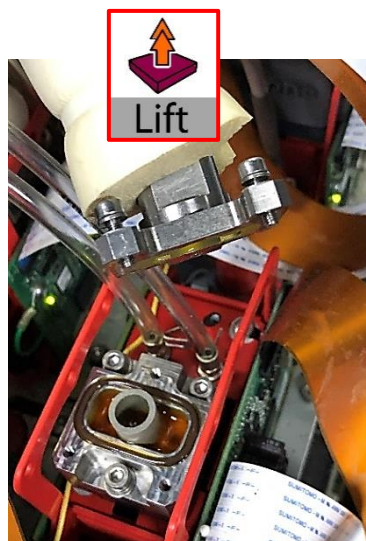
1. Perform a nozzle test to determine the print head status.
2. Shut down the machine using the GUI, wait until the print head temperature reaches approximately 50C°, and then shut down the software.
3. Shut down the computer using the PS2circuit breaker in the electrical cabinet (Xerox Power).
4. Use the 2.5mm Allen key to unscrew the three marked bolts. Make sure not to bend the data and power flat cables in the process.



5. Gently lift the ink supply hose to reveal the filter.



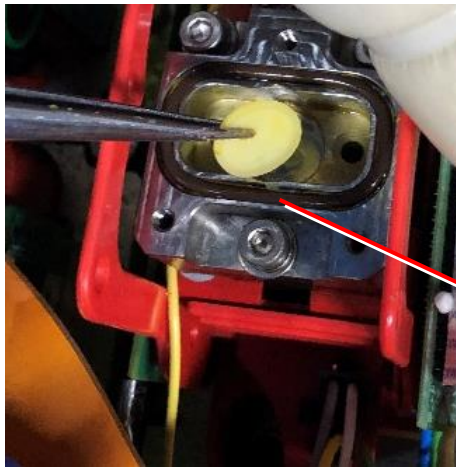
NOTE: Avoid any pressure on the print head or the flat data and power cables.



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- Remove the old filter and its seal.

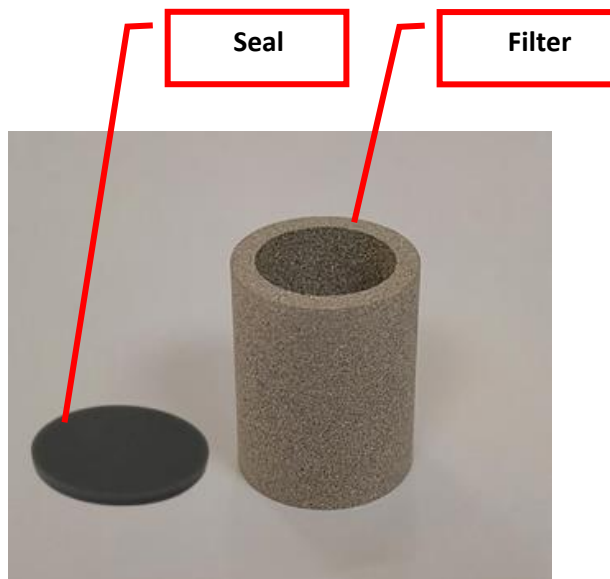


NOTE: Inspect the Viton O-ring, and replace it if it is deformed or damaged.



Viton O-Ring

- Install the new seal and filter.



- Carefully reinstall the ink supply hose.



NOTE: To avoid damaging the O-ring, ensure that it is fully seated in its groove.

- Use the 2.5mm Allen key to screw in the three bolts. Seal
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10. Turn on:

- The PS2 circuit breaker.
- The computer.

Once both are turned on, run the software.

11. Heat up the ink system.

12. Purge the head a few times, and then ensure that no ink is leaking out.

13. Ensure that the ink pump is refilling (auto fill is ON in the software).

14. Perform a purge 300x3.

15. Perform an auto purge & wipe.

16. Perform a nozzle test to ensure that the print head is in the same condition as before.

17. End of procedure.

4. Revision History

Date	Comments	Revision
January 3, 2023	First Release	1.0
October 28, 2024	Updated instructions	1.1