

Fusion3

EDGE 3D Printer

MAINTENANCE: AIR FILTER REPLACEMENT

Revision 02/06/2023

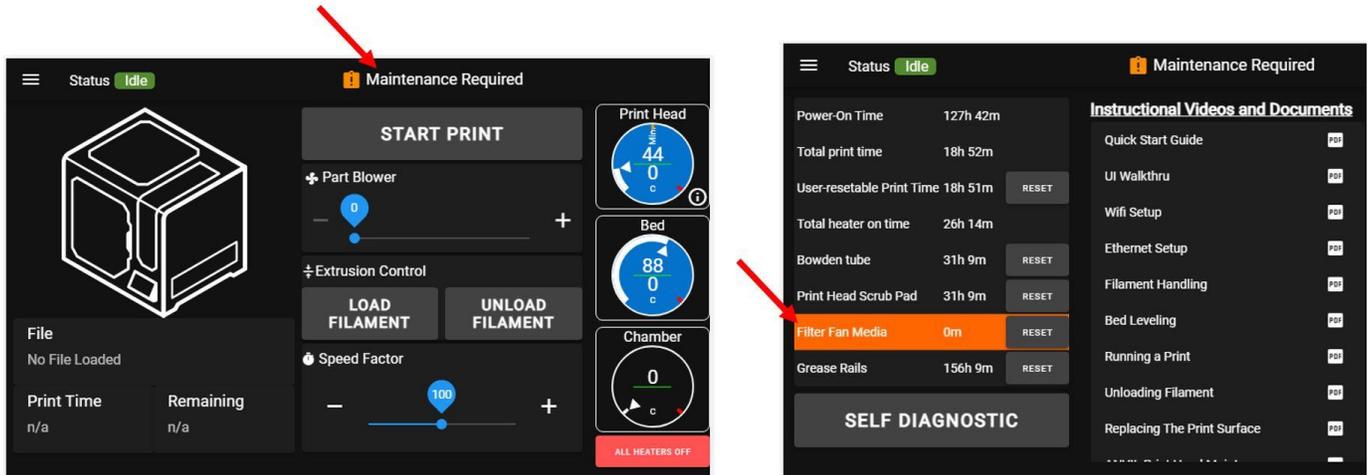
AIR FILTER REPLACEMENT

How to replace the EDGE air filters.

Your EDGE printer shipped from the factory with a print chamber filter pre-installed. The HEPA and carbon filter elements must be replaced regularly to maintain correct performance and effective filtration of the exhaust air from the print chamber.

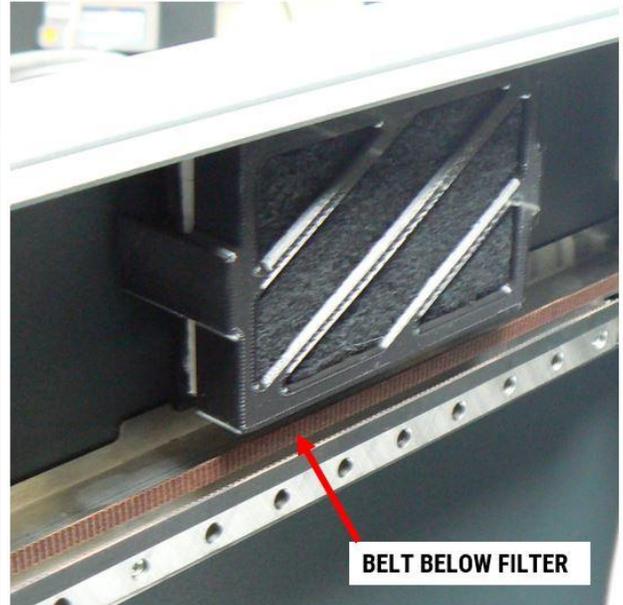
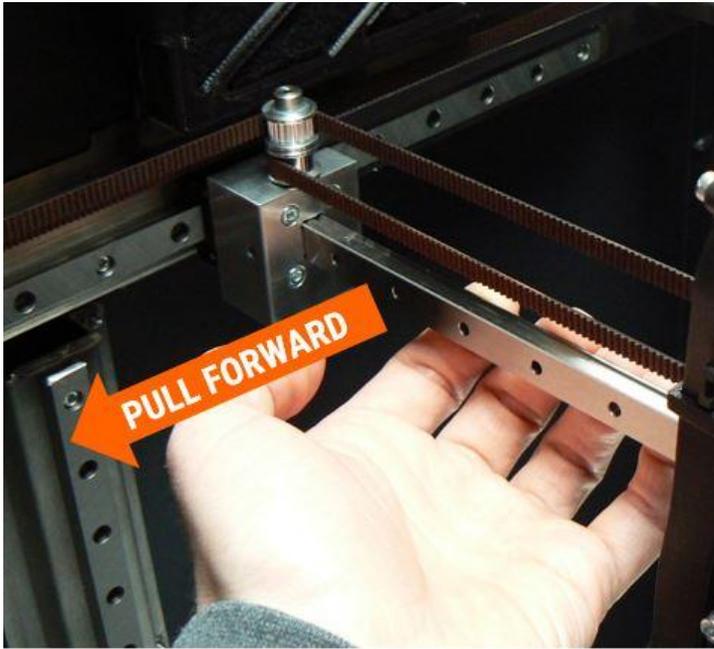
WHEN TO REPLACE

Replaced on a maintenance schedule - notification will appear when due for replacement



HOW TO REPLACE

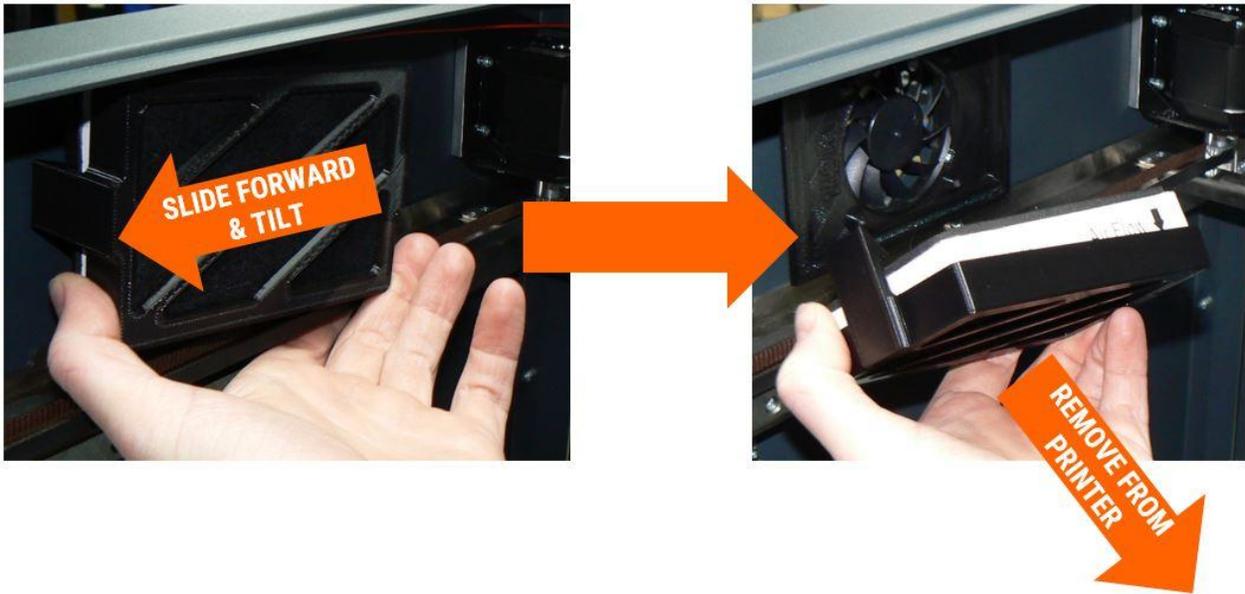
1. EDGE should be idle and cold (bed & print head).
2. Manually move the X axis rail to the front of its travel.



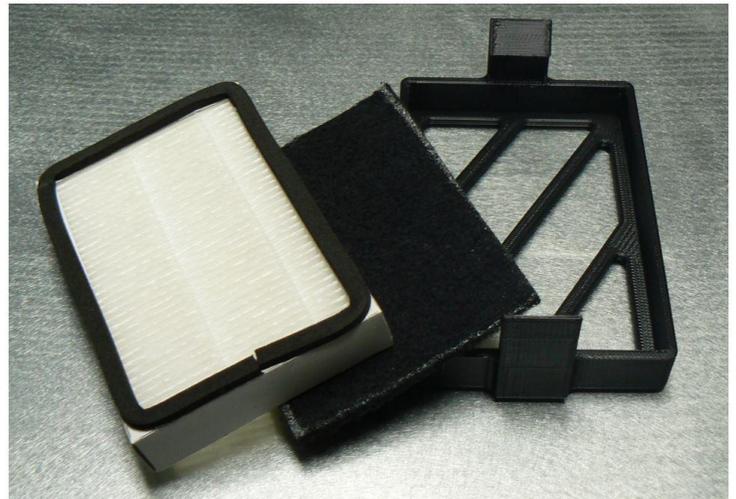
3. Using your fingers, pry up the front or back release tab on the filter carrier.



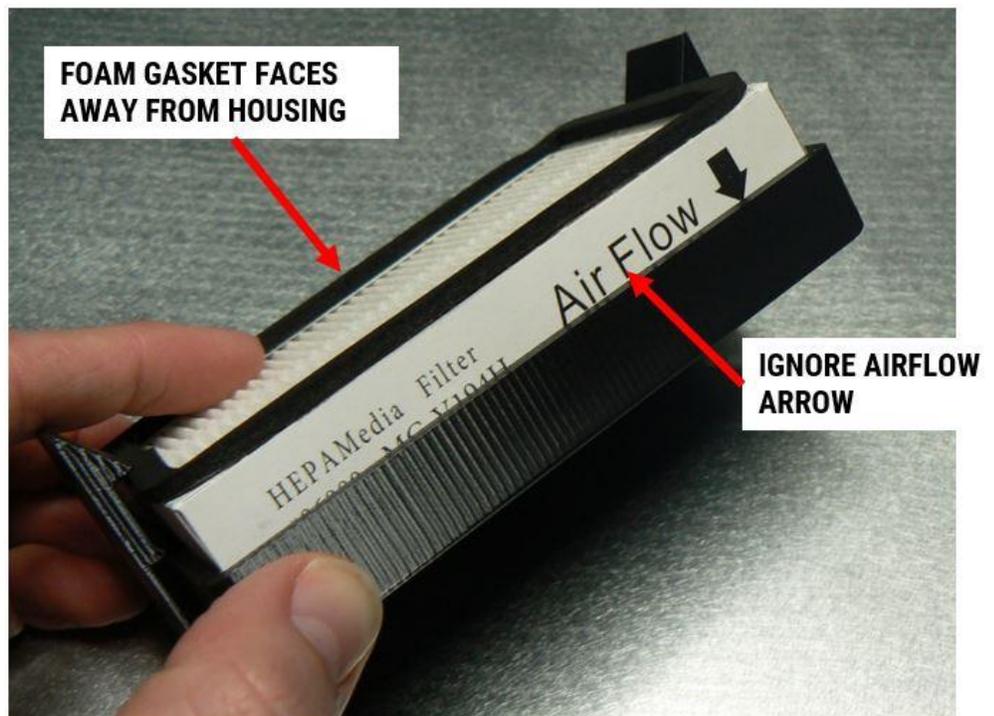
4. Slightly shift the carrier forward or backwards to disengage the other latch. Remove the assembly from the printer.



5. Remove the spent HEPA and carbon filter elements from the carrier and discard them.
6. Install the new HEPA and carbon elements.

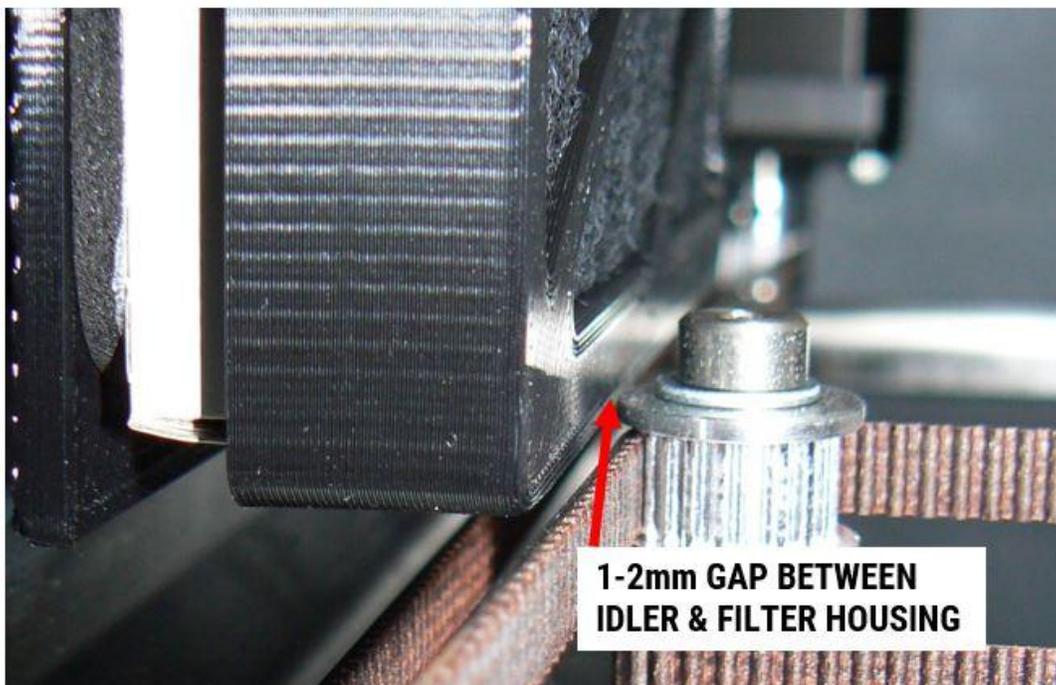


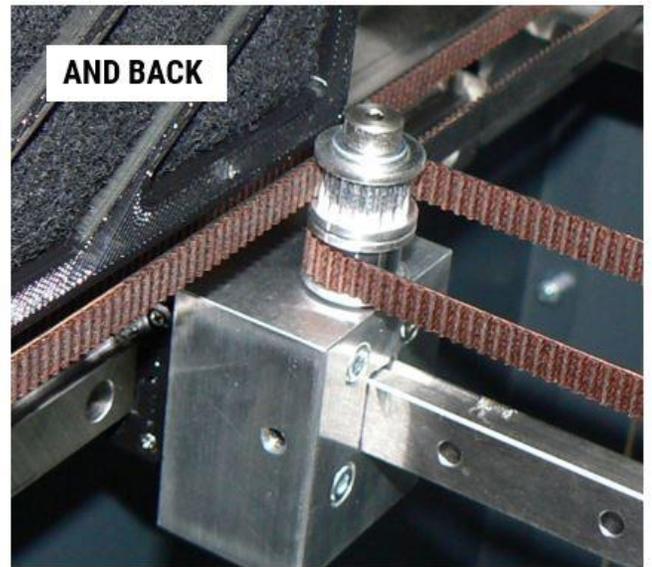
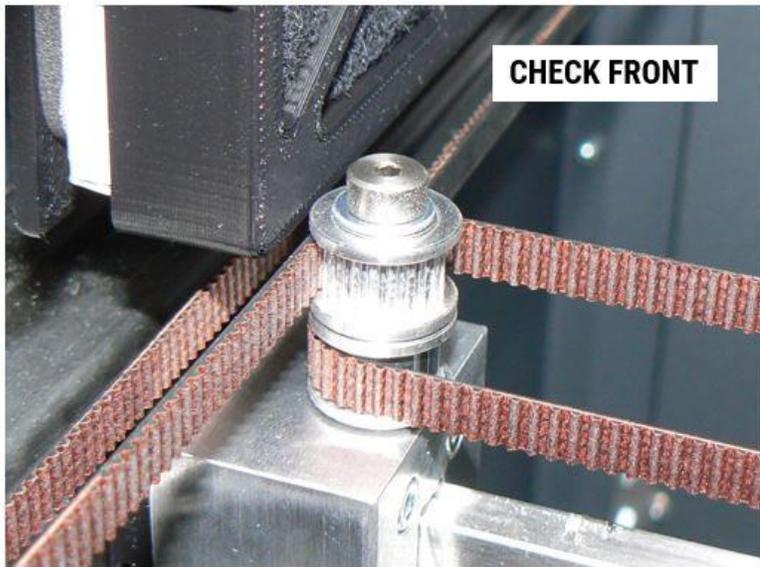
7. The carbon element goes in first.
8. IGNORE the airflow direction arrow on the filter; install it as shown so that the foam lip sticks out of the carrier.



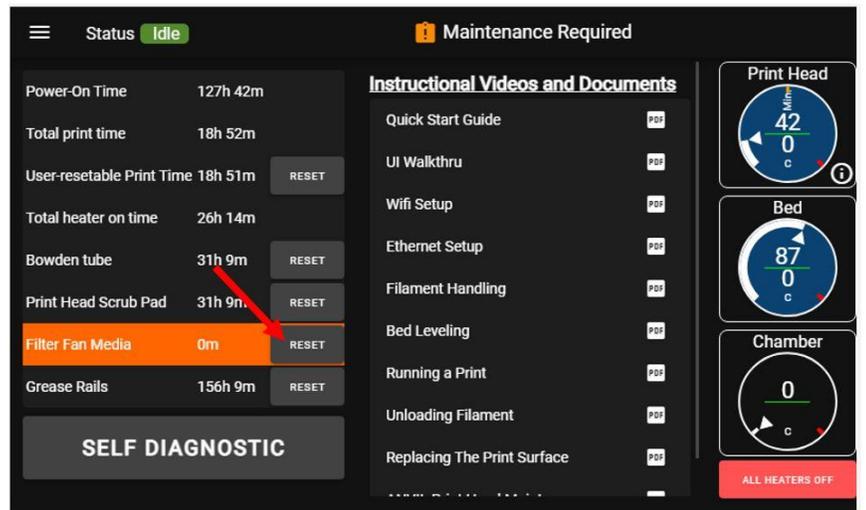


9. Position the assembly over the filter base and gently press down on both ends to engage the latches.
10. Make sure the latches are fully engaged by manually moving the X axis rail past the filter to the front of the machine. If the carrier collides with the idler pulley it's not installed correctly





11. On the LCD, go to *Menu > Utilities > Maintenance >* and reset the filter timer.



WHERE TO PURCHASE REPLACEMENTS

Replacement filter kits can be purchased through our replacement parts store:

<https://store.fusion3design.com/>