

# Filament sensor insulation glass

The filament sensor is the black tube located on top of the puller. This document will explain how to replace the insulation glass used to protect the inside of the filament sensor from dust and hot plastic.

***\* Important notice \****

***The filament sensor is very sensitive, handle with care!***

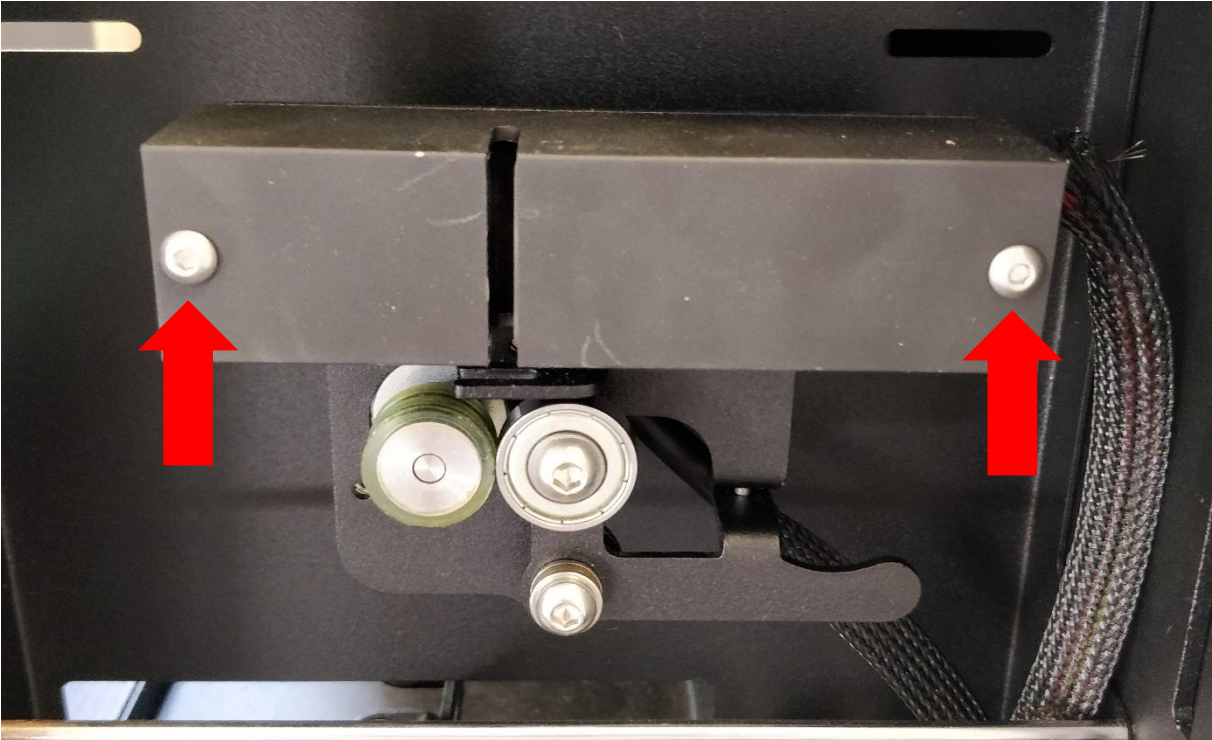
Step 1: Collect the following items:

- Hex key 2.5 for M4
- Anti-static wristband
- Microfibre cloth
- Service package: new filament sensor insulation glass

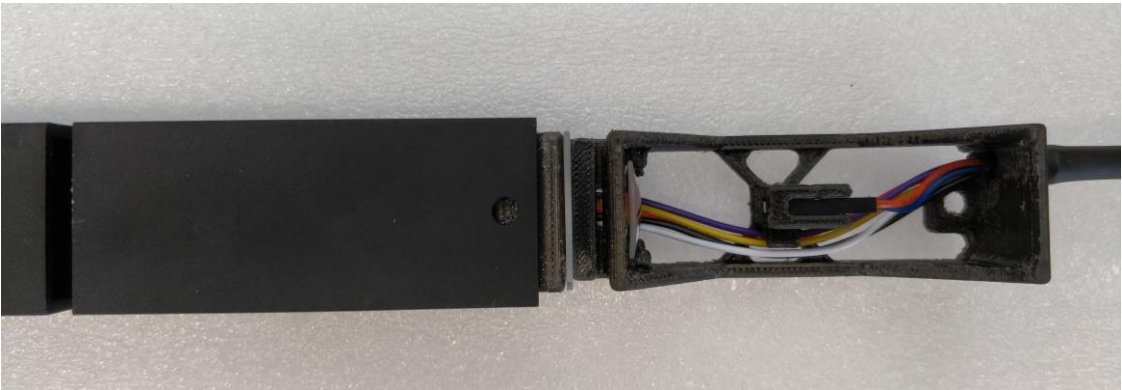
Step 2: Connect the anti-static wristband to a ground point and put on the wristband (you can also use the grounding of a power outlet for this)



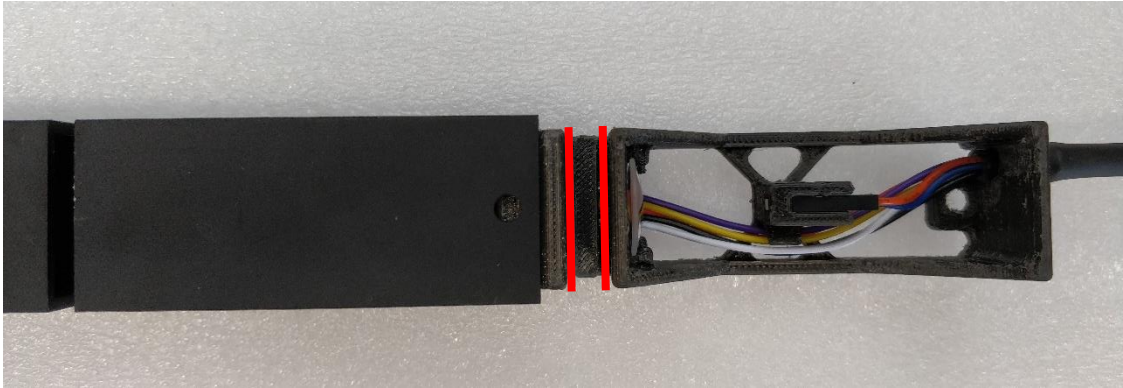
Step 3: Unscrew the filament sensor from its mounting plate. This is done by unscrewing the highlighted screw in the picture underneath.



Step 4: Gently push the inside frame of the filament sensor out of the tube from the side without cables.



Step 5: Use the microfiber cloth to clean the glass plates and place the insulation glass in the intended slots.



Step 6: Gently slide the inside frame of the filament sensor back in the tube. While sliding, check the corners highlighted underneath to make sure everything fits properly.

