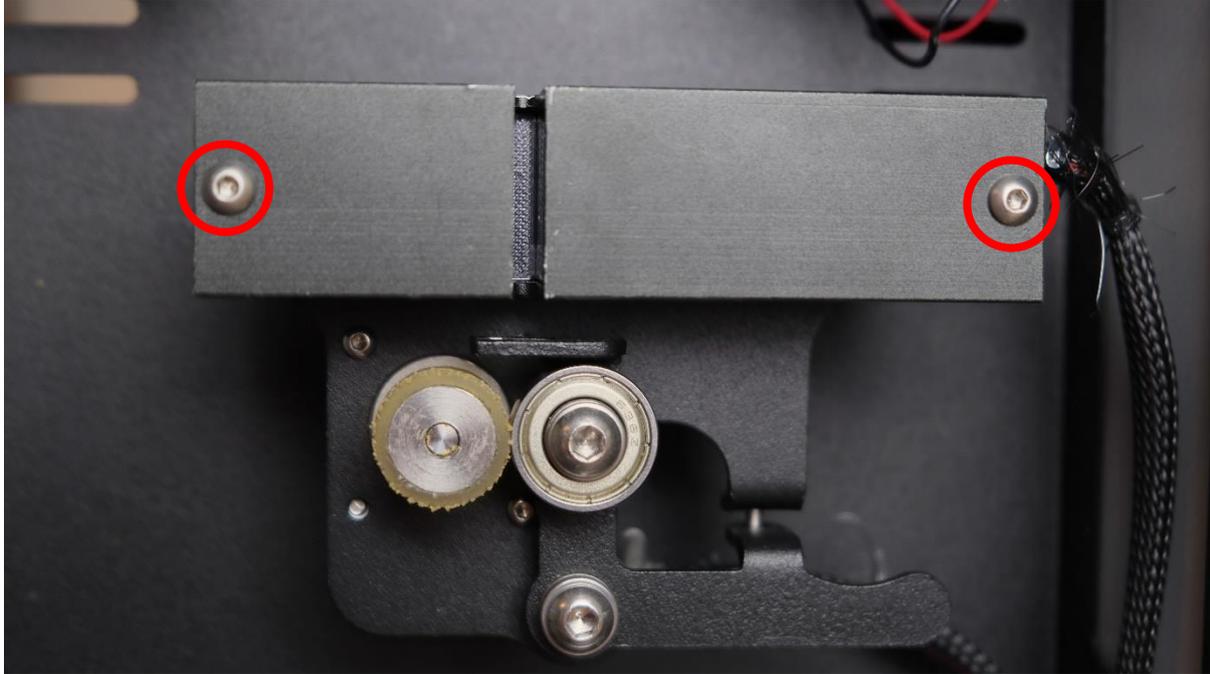


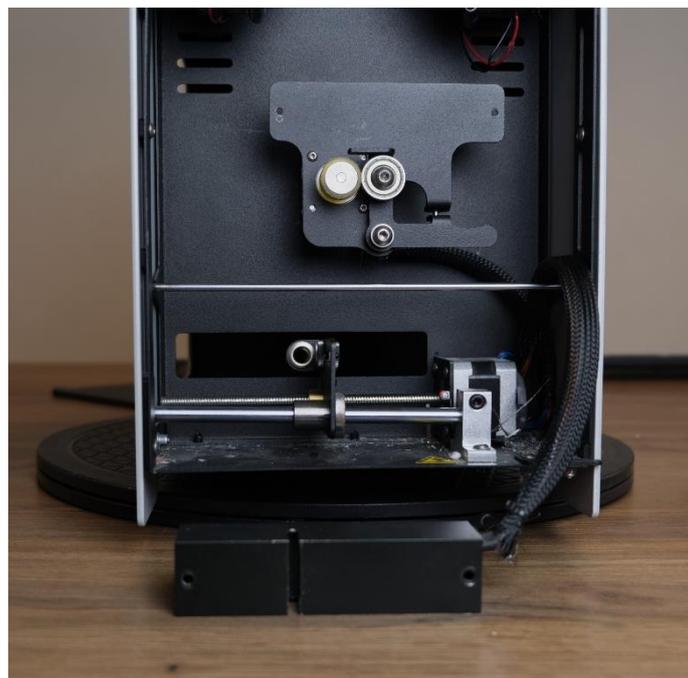
Replacing the puller wheel

After using the puller wheel for a while it is possible that the wheel becomes damaged. This could have an effect on the extrusion results therefore it is time to change the wheel.

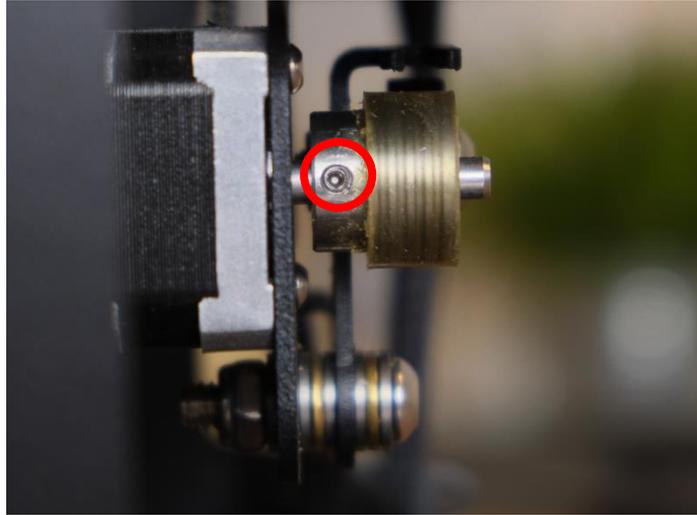
Step 1: Remove the sensor located above the puller wheels. This will provide more space to later remove the wheels. To remove the sensor the screw marked in red in the picture below have to be removed.



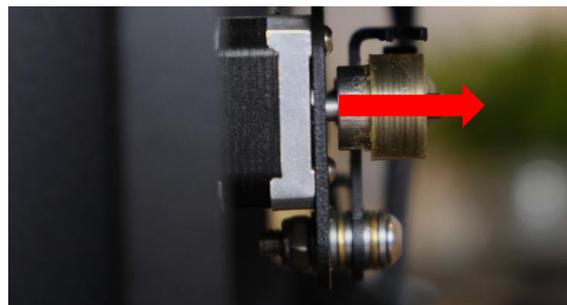
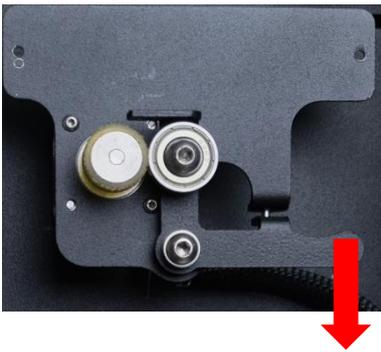
Step 2: After removing the bolts place the sensor carefully at the bottom of the Filament Maker without putting tension on the wire that connects the sensor to the Filament Maker. This is also presented in the picture below.



Step 3: After the sensor is removed the set screw located behind the rubber can be removed. This screw is marked red in the picture below. After removing the screw place the screw at a secure location so you do not lose it.



Step 4: When the set screw is removed the puller wheel can be removed by sliding it away from the Filament Maker while also pushing down on the lever. This is presented in the pictures below.



Step 5 (optional): In very special cases the puller wheel can be very difficult to slide of the puller wheel as it is tightly mounted on the Filament Maker. In these cases a pulley puller such as presented below can be used.



To use this tool the clamps have to be place behind the puller wheel, After this the screw can be screwed forward pushing out the puller wheel. This process is also presented in the picture below.



Step 6: After the old puller wheel is removed it is time to replace it with a new one. Before placing the wheel it is important to make sure the inside of the wheel is clean. To clean the inside of the wheel it is recommend to press a 5mm drill bit trough such as presented in the picture below.



Step 7: After the new puller wheel is cleaned it can be mounted back on the Filament Maker. To do this the steps previously described can be followed in the reversed order.