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# How to replace the filament sensor (HT90)

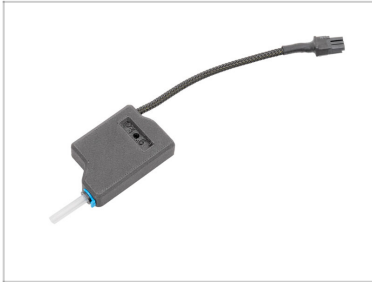


[help.prusa3d.com/g572158](https://help.prusa3d.com/g572158)

Scan the QR code to  
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chapter.



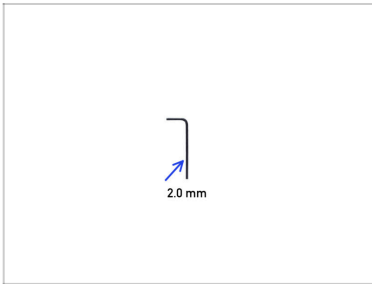
## STEP 1 Introduction



- ◆ This guide will take you through the replacement of the **Filament sensor** on the **HT90**.

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## STEP 2 Tools necessary for this chapter



- ◆ **For this guide, please prepare:**
- ◆ 2.0 mm Allen key


## STEP 3 Preparing the printer



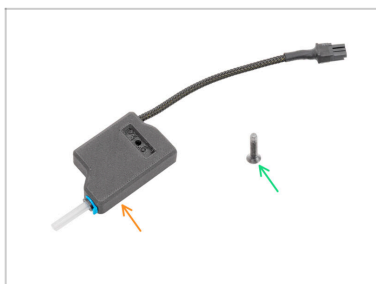
- Unplug the filament sensor cable from the printer. Press the *Unload* button and wait until the filament is unloaded from the printer. **It is necessary to remove the filament from the filament sensor.**
- Turn the power switch OFF (symbol "O").

## STEP 4 Removing the filament sensor



- Remove the adapter from the filament sensor.
- Remove the M3x14b screw from the filament sensor using a 2.0 mm Allen key. **Don't throw the screw away!**
-  **The safety latch is hard to press, so proceed carefully during the unplugging.**
- Remove the filament sensor cable from the connector by pressing the safety latch. **Put the old filament sensor away.**

## STEP 5 Filament sensor: parts preparation



● **For the next steps, please prepare:**

● Filament sensor (1x)

● M3x14b screw (1x) *removed in previous steps*

## STEP 6 Installing the filament sensor



● Connect the filament sensor cable to the connector.

● Attach the filament sensor and secure it with M3x14b screw using a 2.0 mm Allen key.

● Attach the magnetized adapter.

## STEP 7 Connecting & testing the printer



- Turn the power switch ON (symbol "I").
- Wait for the printer to start up.
- ⓘ The filament sensor has to be turned on.
- From the screen, select *More > Settings*. Insert the filament through the filament sensor. If the "Filament" is green, the filament sensor is ready.

## STEP 8 Well done!



- Good job! The filament sensor is replaced. Happy printing!



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