

Filament Buffer Replacement Guide for the P2S

This guide demonstrates how to replace the filament buffer of P2S

Filament Buffer

The filament buffer is a special component installed on the back of the printer to reduce tension fluctuations during the feeding process and ensure smooth filament feeding.



When to Use This Guide

- The filament buffer components or structural parts are clearly damaged, causing functional failure.
- Analysis by Bambu Lan technical support confirmed that the filament buffer has to be replaced.

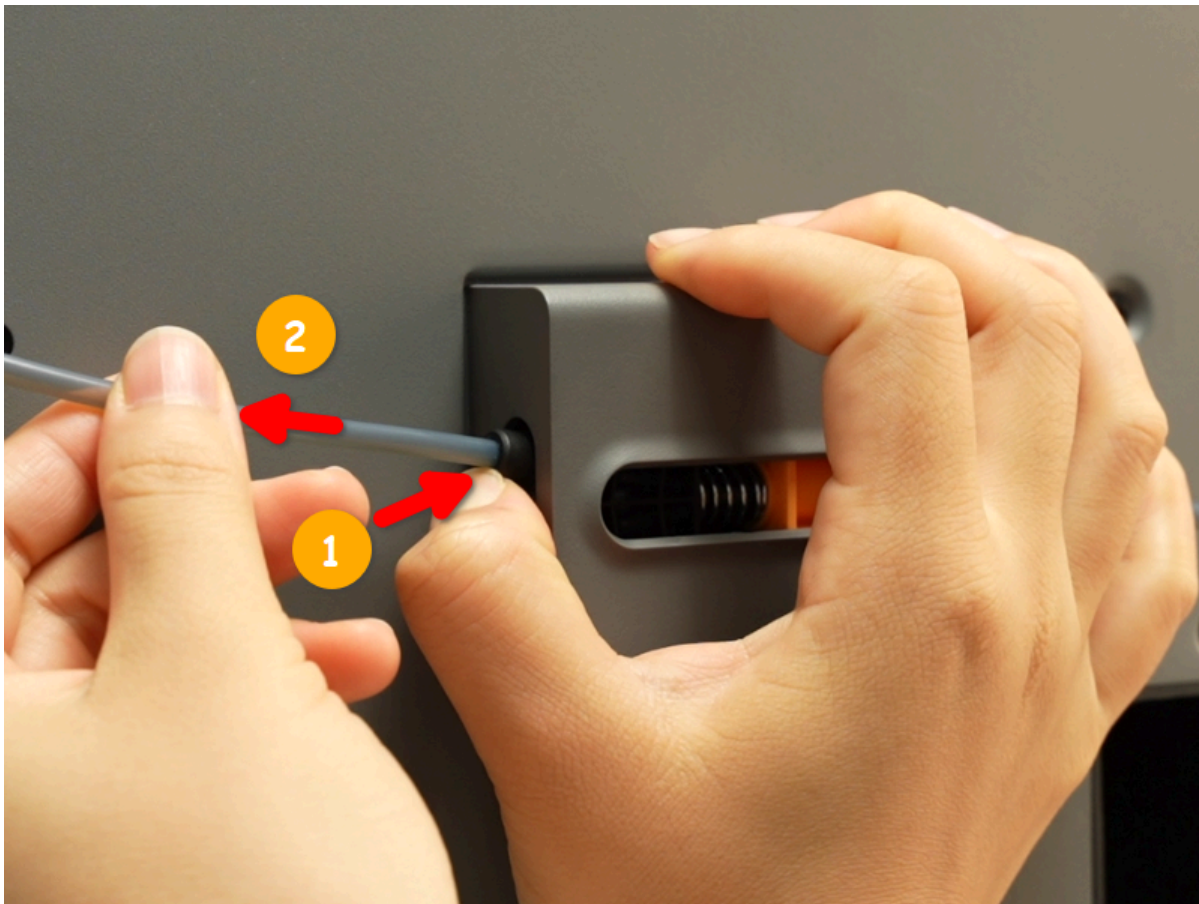
Required Tools and Materials

- New filament buffer
- H2.0 Allen key

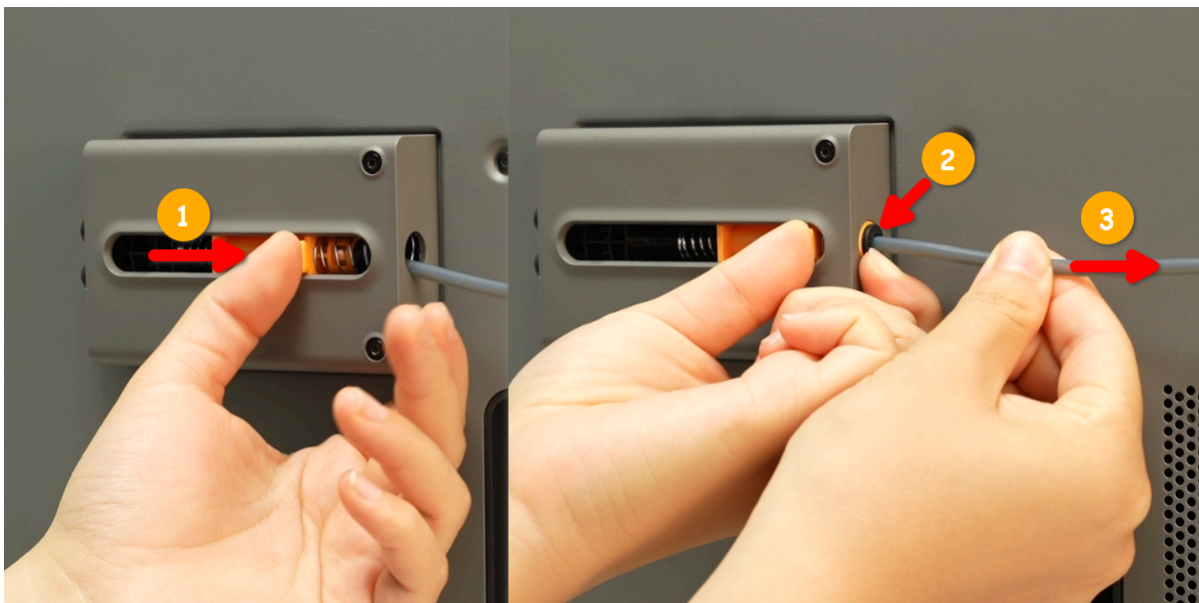
Removing the Filament Buffer

Step 1: Remove the PTFE Tube

Press the left side of the material connector to remove the input PTFE tube.



Push the buffer slider in the output direction to expose the material tube connector. Then, press the connector and remove the output PTFE tube.

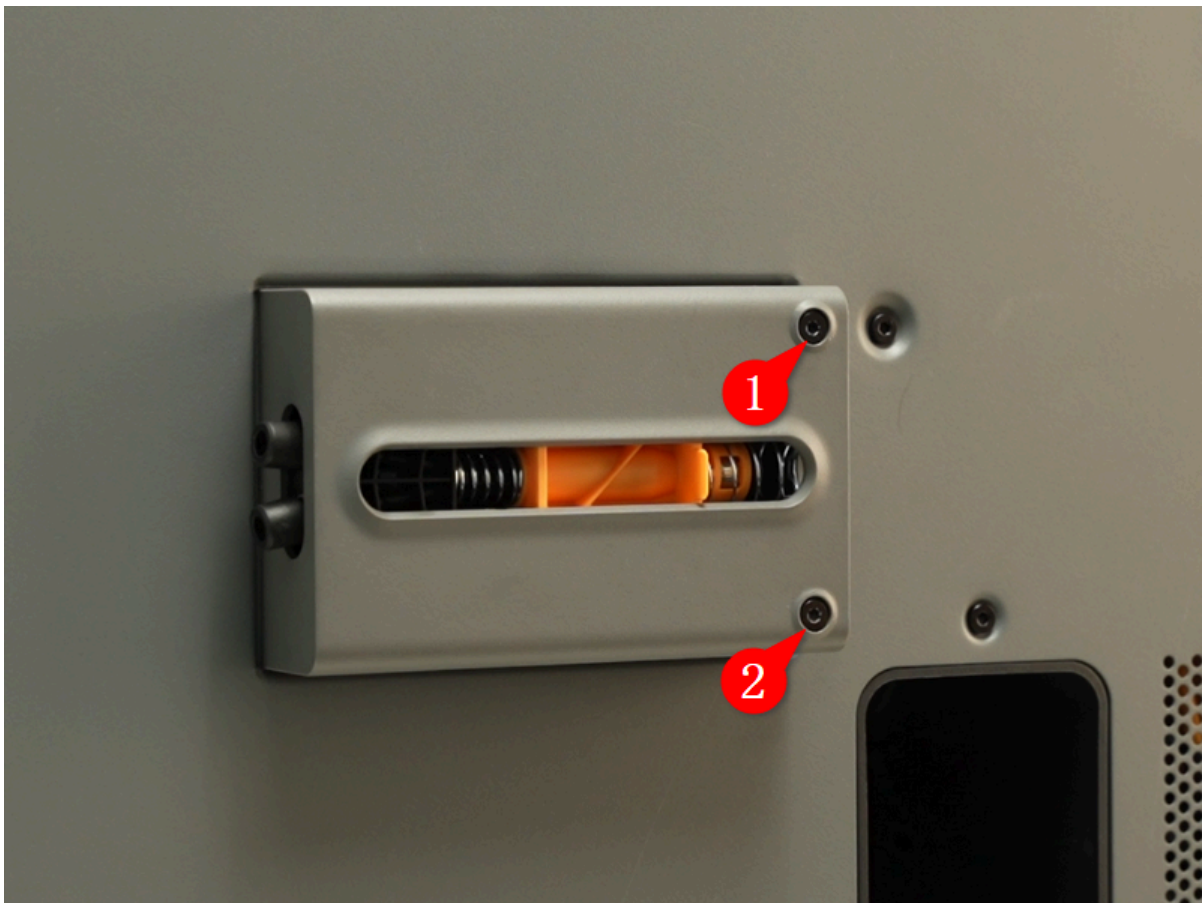


If you find the operation difficult, you can print the [assist tool](#)  , which will make it easier to remove the right-side filament tube.

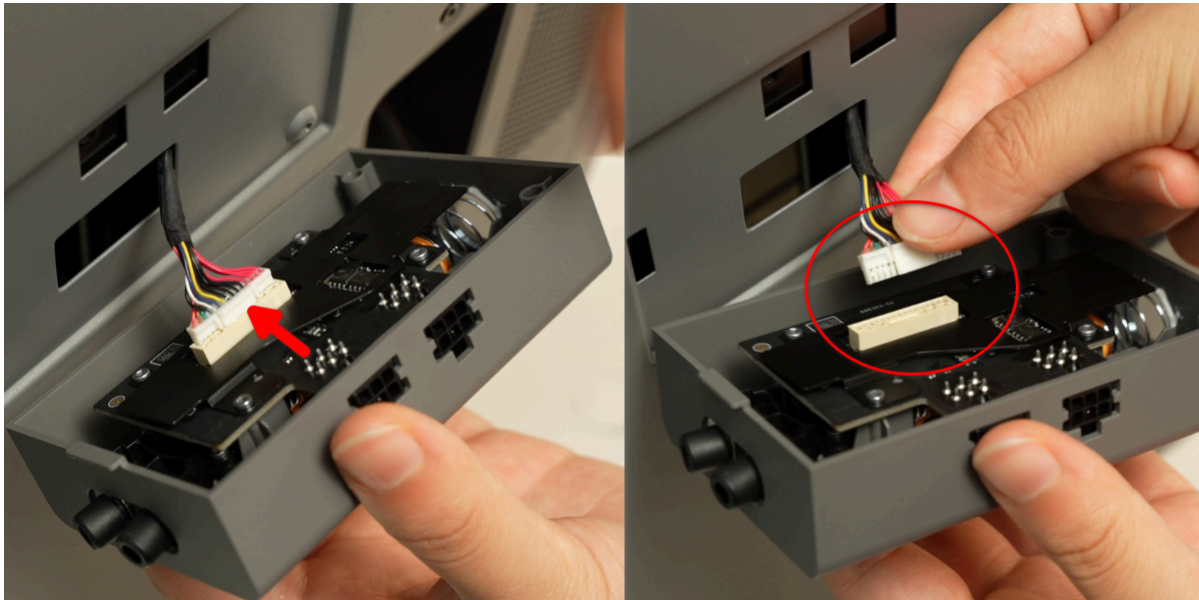


Step 2: Remove the Filament Buffer

Use an H2.0 Allen key to remove the two screws shown below.



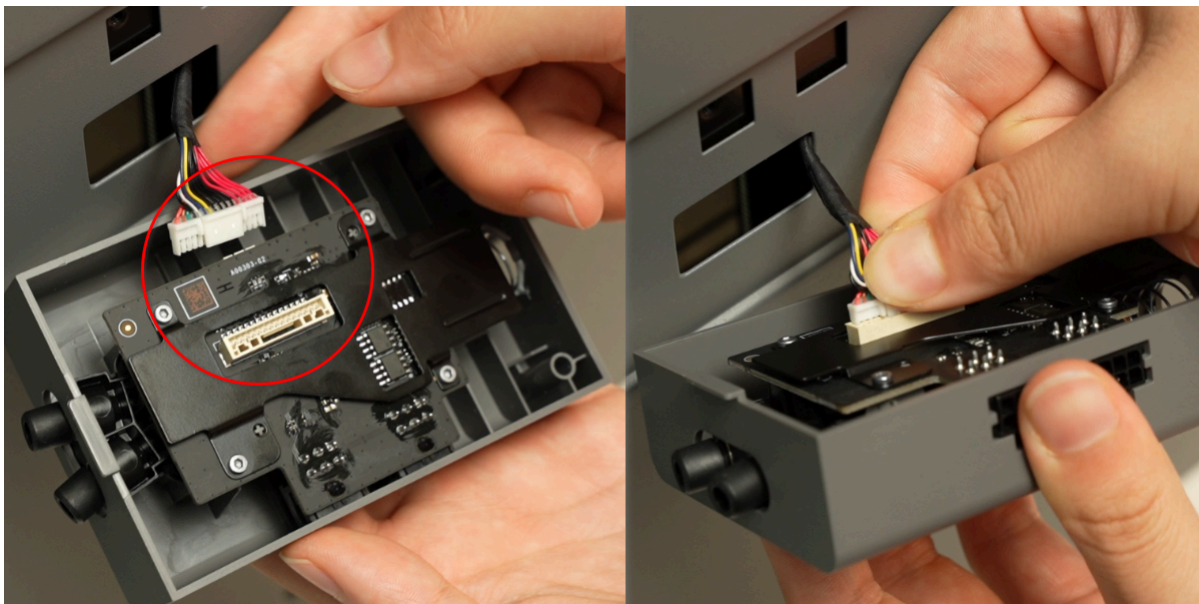
Flip the buffer to expose the connecting cable. Then, press the connector lock by hand, unplug the cable, and remove the buffer.



Installing the Filament Buffer

Step 1: Install the Filament Buffer

Connect the cable to the buffer's connector, ensuring the lock is oriented correctly.

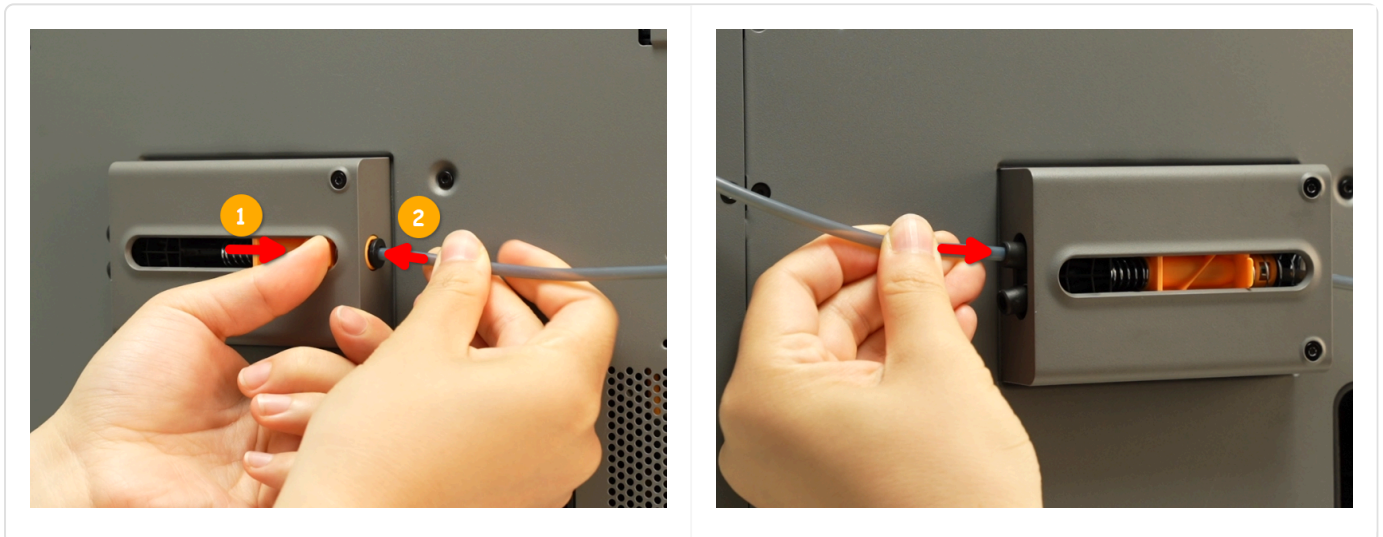


Snap the buffer into the mounting hole on the rear panel, then tighten the two screws with an Allen key.



Step 2: Connect the PTFE Tube

Reconnect the PTFE tube to both ends of the filament buffer.



Verifying Functionality

Turn on the printer, and use AMS to initiate a loading operation. If the loading process completes normally, the replacement was successful. Otherwise, check that the buffer's connection cable and the PTFE tube are properly connected, then try again.

End Notes

We hope this guide has provided clear and practical support.

If the issue remains unresolved, please submit a [support ticket](#)  and include your recent printer logs and additional pictures or other details. Our technical team will review your request and provide detailed assistance.

You can also visit [Bambu AI](#)  , which can instantly answer common questions and provide you with operational guidance.