

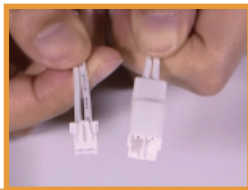
Replacing the Extruder Module

This chapter will explain how to replace the extruder. Please refer to the following scenarios to determine whether replacing the extruder is necessary.

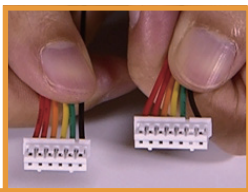
- A. Upgrading to a high compatibility extruder.
- B. Printing in PLA using the da Vinci 1.0/2.0 Duo .
- C. Extruder is blocked with the warranty period having been exceeded.
- D. Dedicated material usage. **(Note)**

Accessories Checklist

Quick guide x 1
Extruder module x 1



Heating wire (White)x 1

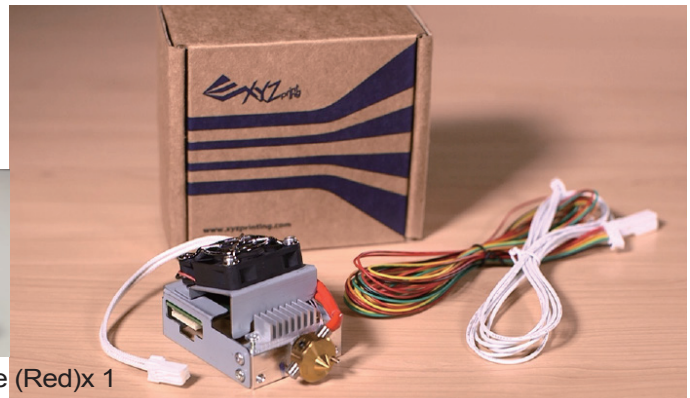


Data cable (Coloured)x 1



Heating wire (Red)x 1

Only available in the dual extruder package



Note: During printing, please only use one kind of material. If you have a multi-material print requirement, you can purchase an additional extruder separately. For more purchase information, please refer to our official website: <http://www.xyzprinting.com>

Usage Precautions

- A. Please ascertain the model of your printer, this manual is specially prepared for the following models: da Vinci 1.0 / 1.0A/ 1.0 AiO/ 1.1Plus/ 2.0 Duo / 2.0A Duo .
- B. Before replacing, please ensure that the power source is switched off and that the printer should only be turned on when all installation and assembly has been completed.
- C. Only proceed with network connection procedures once installation is complete. Once the network initialization has been successfully set up, the printer can be used.
- D. Please take note of the serial number found on the product packaging as subsequent releases of optimization software will require the input of the serial number.
- E. For more details on parts replacement, please refer to our official website for interactive video guidance resources.
- F. Required tools.

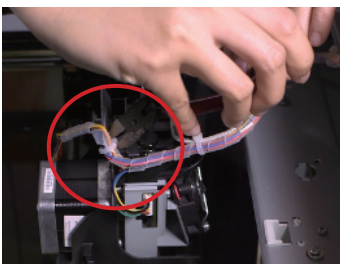
Removing the Extruder Module



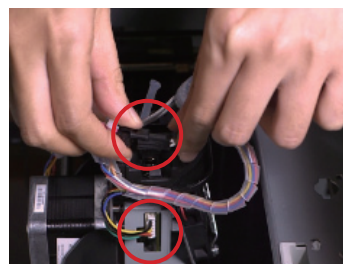
Cable ties



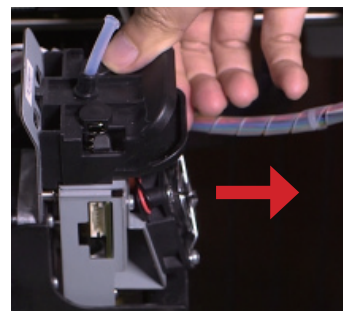
Screwdriver(T10)



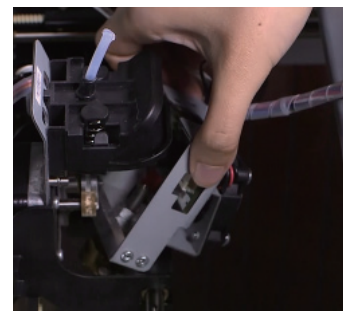
1. Please cut the cable ties only after ensuring that the power source has been switched off.



2. Loosen the heating wire and data cable latches.



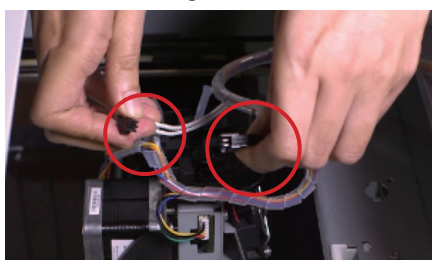
3. Collapse the clamps located at the top of the extruder quick release module.



Installing the Extruder Module



Note: Before proceeding, you must first ascertain the condition of the heating wire. If the latch of your heating wire is black, please proceed with the heating wire and data cable replacement procedures first.



If the latch of the heating wire is black, it must be replaced with a new **Heating wire** and **Data cable**

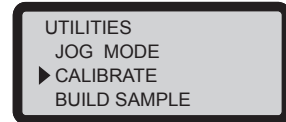
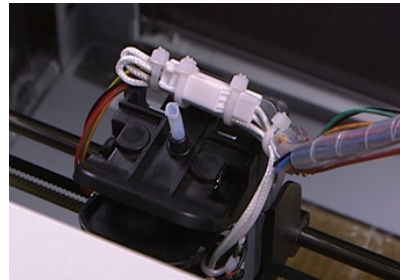
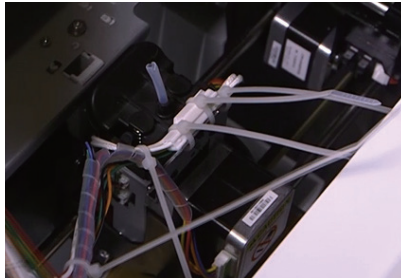
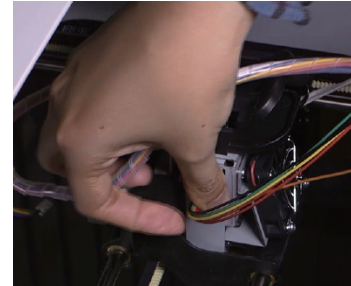
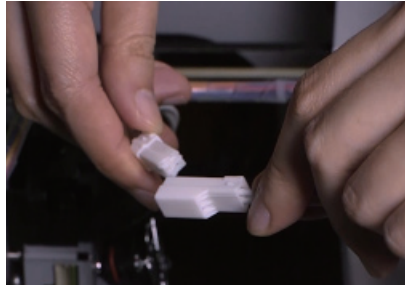
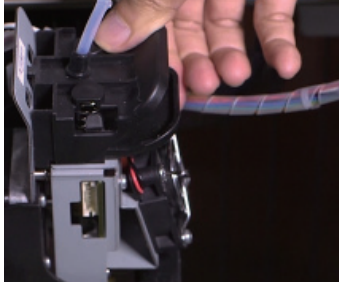
Please refer to <Replacing data cable> for more information. Upon completion of the replacement procedures, you can then continue with <Quick replacement>.



There is no need to replace **Heating wire** and **Data cable** if the latch of the heating wire is white. Please refer to <Quick replacement>.



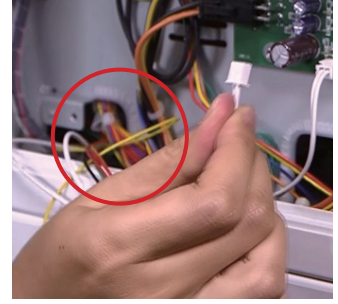
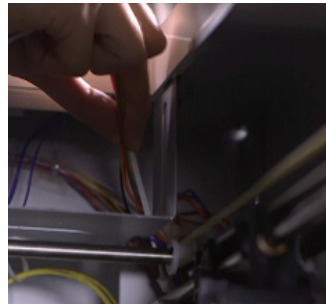
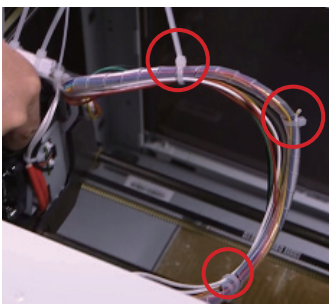
Quick replacement



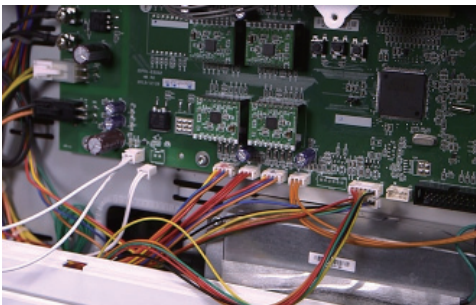
To install the new quick release extruder module, please reconnect the latches of the heating wire and data cable and then secure them with cable ties. Finally, cut away excess cable ties. The installation is thereby completed.

⚠ Note: After changing the extruder, please recalibrate the extruder to ensure optimal printing quality.

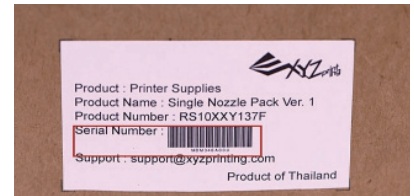
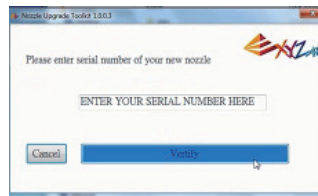
Replacing data cable



1. The data cable and heating wire should be securely fastened along the guide tube to prevent interference with the printing process. Next, remove the cover located at the back of the printer and pull the heating wire and data cable through.



2. Remove the used heating wire and data cable and insert the new wires into the corresponding locations with the same color-coding. Return to the procedures in the previous chapter once this is completed.



Regarding network initialization (Initialization)

After replacing the extruder, please ensure the following:

- A. Calibration of the extruder is completed.
- B. The printer should be connected to a computer terminal via a USB cable and ensure that the machine is turned on at all times.
- C. The network should be connected and the printer has been successfully registered.
- D. XYZware is the latest edition.

After clicking on the print button, XYZware should automatically detect and display information on the material chosen based on your prior selection. Please complete the procedures based on the on-screen instructions.

Note: If XYZware detects that the extruder of this machine has been changed, it will automatically require the user to download and execute an optimization firmware. Please enter the product serial number found on the product packaging when prompted for authentication purposes.

