SERVICE MANUAL

artisJet
We Are Here to Support

artisJet 3000U Desktop UV Printer

How to Replace Printer Head



artisJet Customer Care Center
January,2017

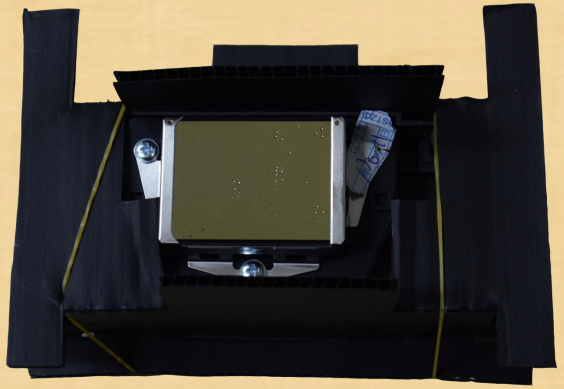
artisJet 3000U How to Replace Printer Head

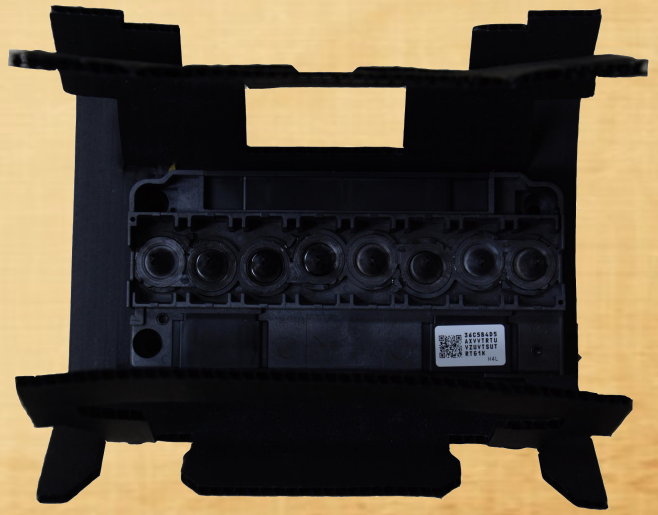
Preparations before Replacement

artisJet 3000U Printer



artisJet 3000U Printer Head

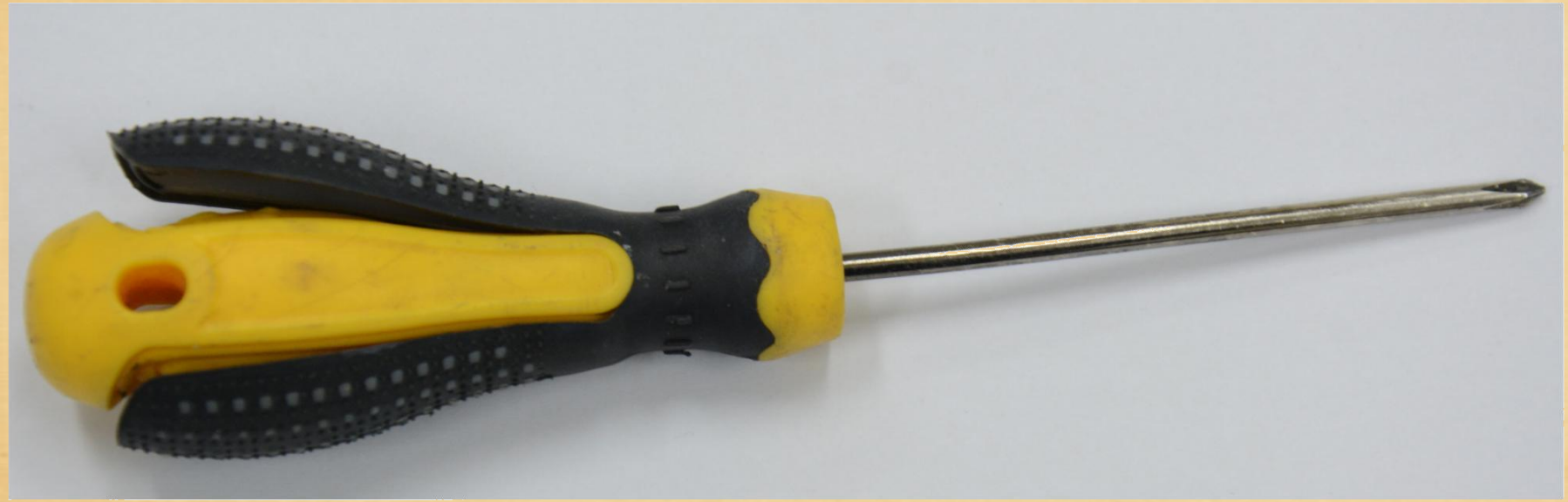




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Tools for Operation

- Middle size Screw Driver.



artisJet 3000U How to Replace Printer Head

How to Remove the Printer Head

Power off the Printer and Disconnect the Power Cable(1)



Printer under READY mode.



After press UV button, the UV indicator shall be off.

Power off the Printer and Disconnect the Power Cable(2)



After press READY button, the printer shall be OFFLINE, the READY indicator shall be off.



After press General Power button, the LED Screen shall be off.

Power off the Printer and Disconnect the Power Cable(3)



Disconnect the Power Cable.

Unlock the Print Head and Move it to Middle Position(1)

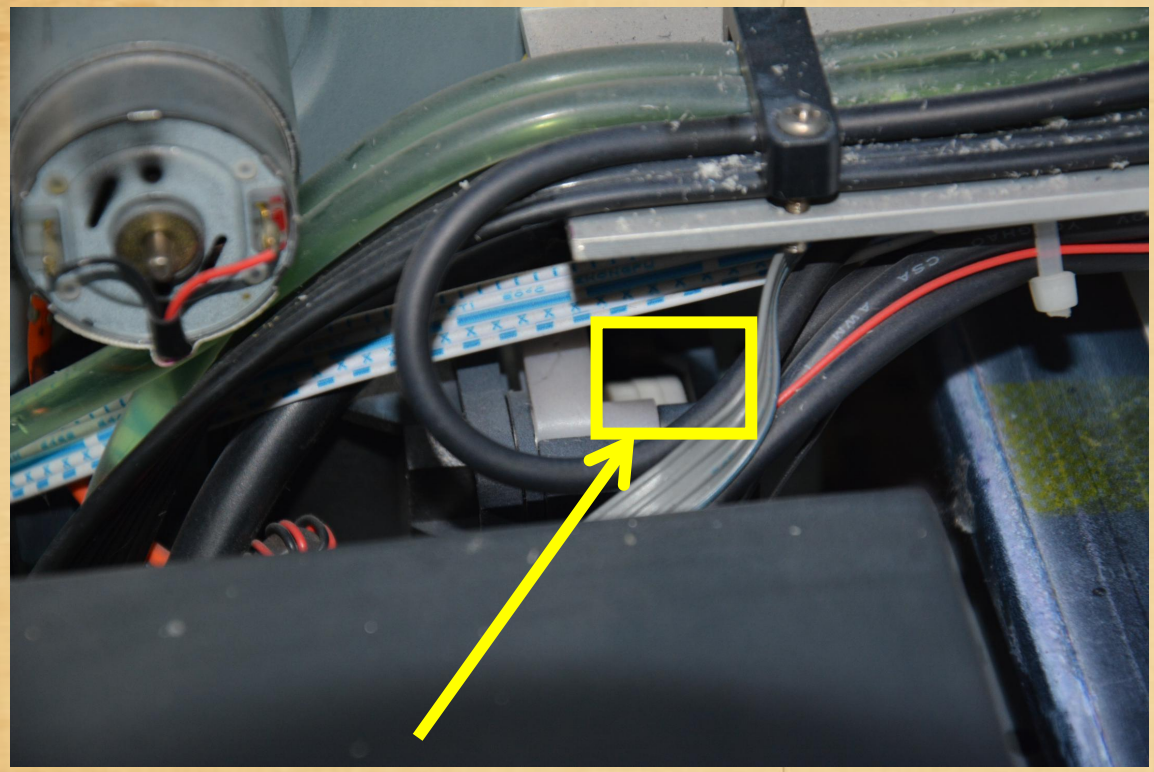


Open the Top Covers

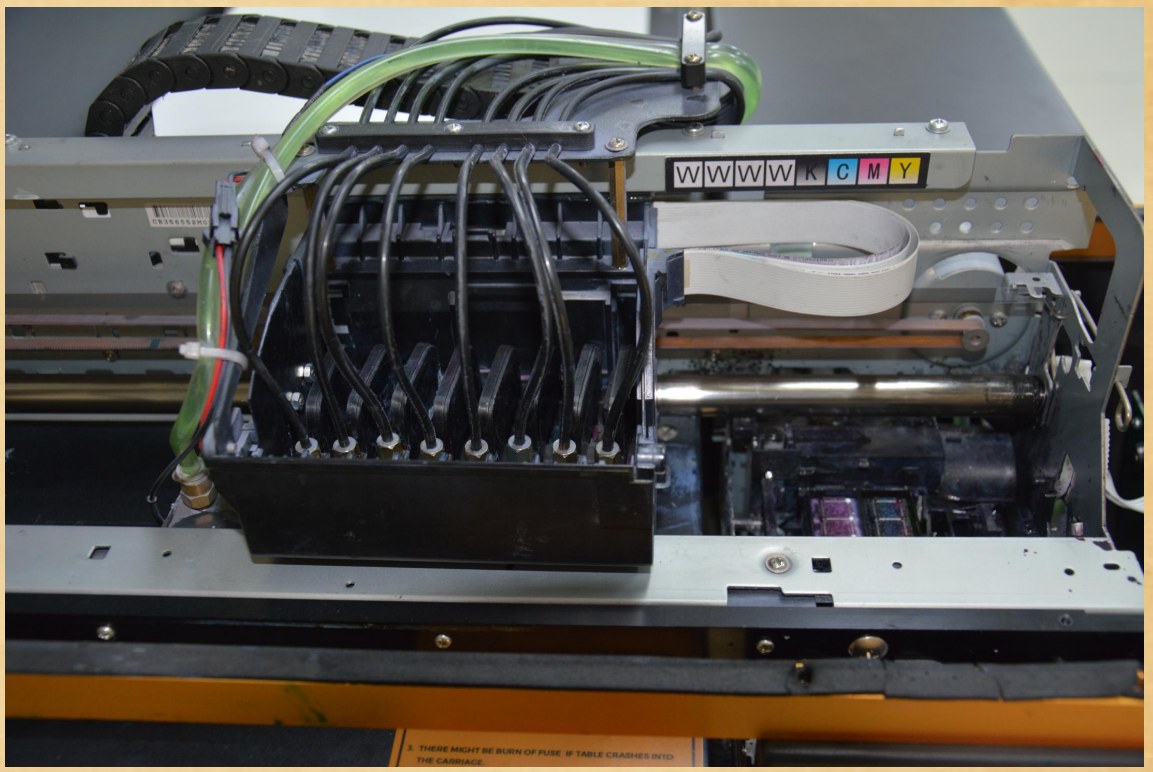


Righ Side View

Unlock the Print Head and Move it to Middle Position(2)

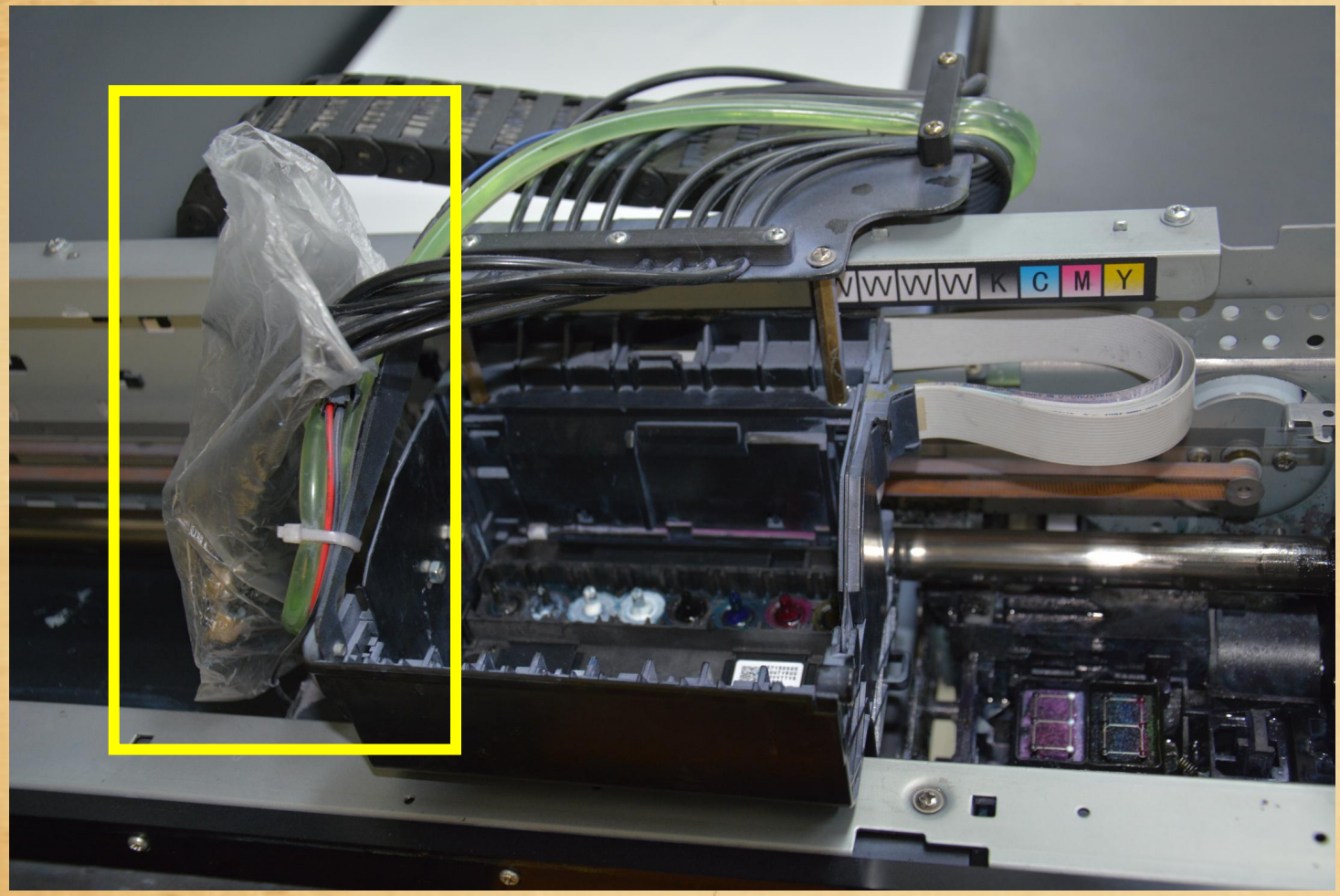


Rotate the White 3-Gears to Front Direction



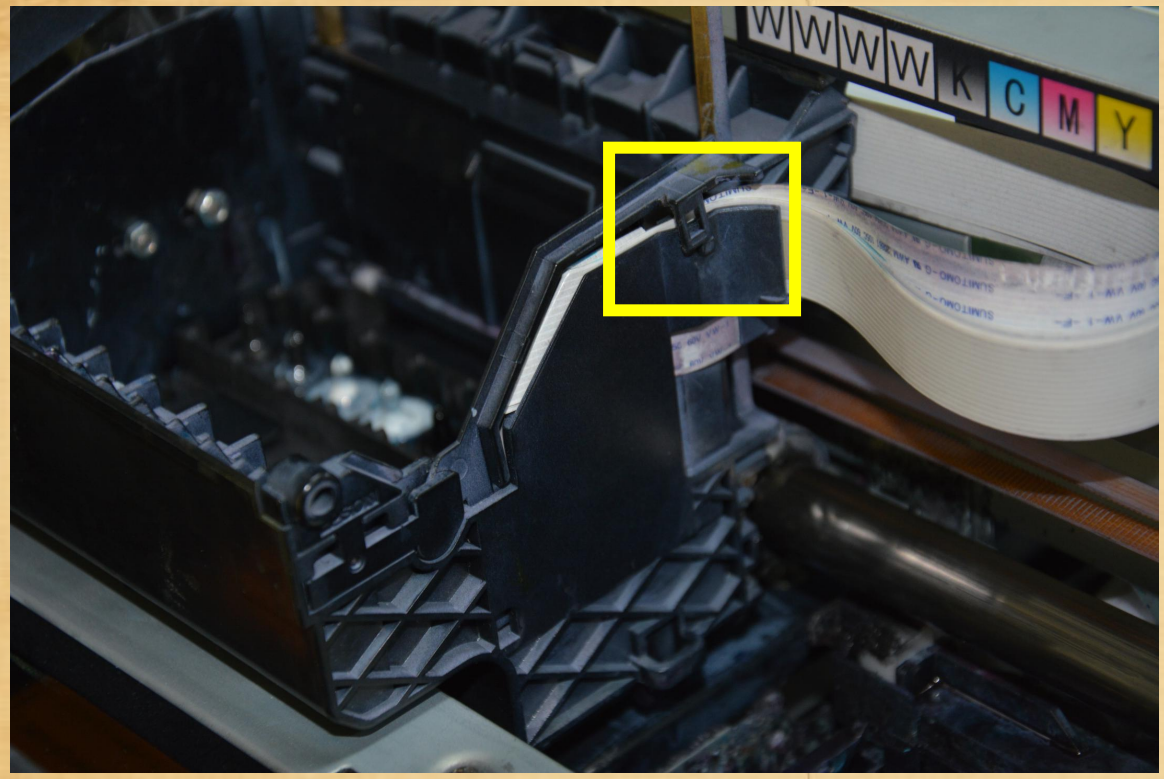
Moving the Print Head to Middle Position

Disconnect and Remove the Dampers from Print Head

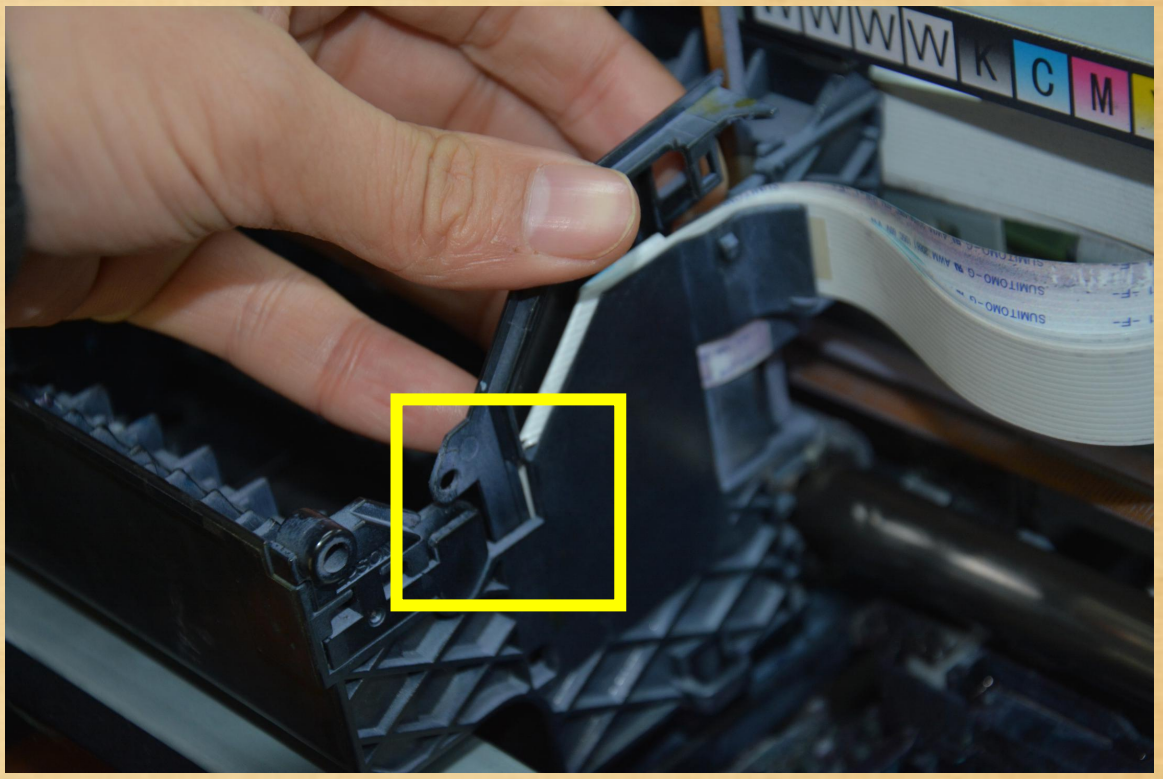


Remove the Dampers from Print Head and put them into plastic bag to avoid the ink pollute the machine.

Remove the Black Clip for Data Cables

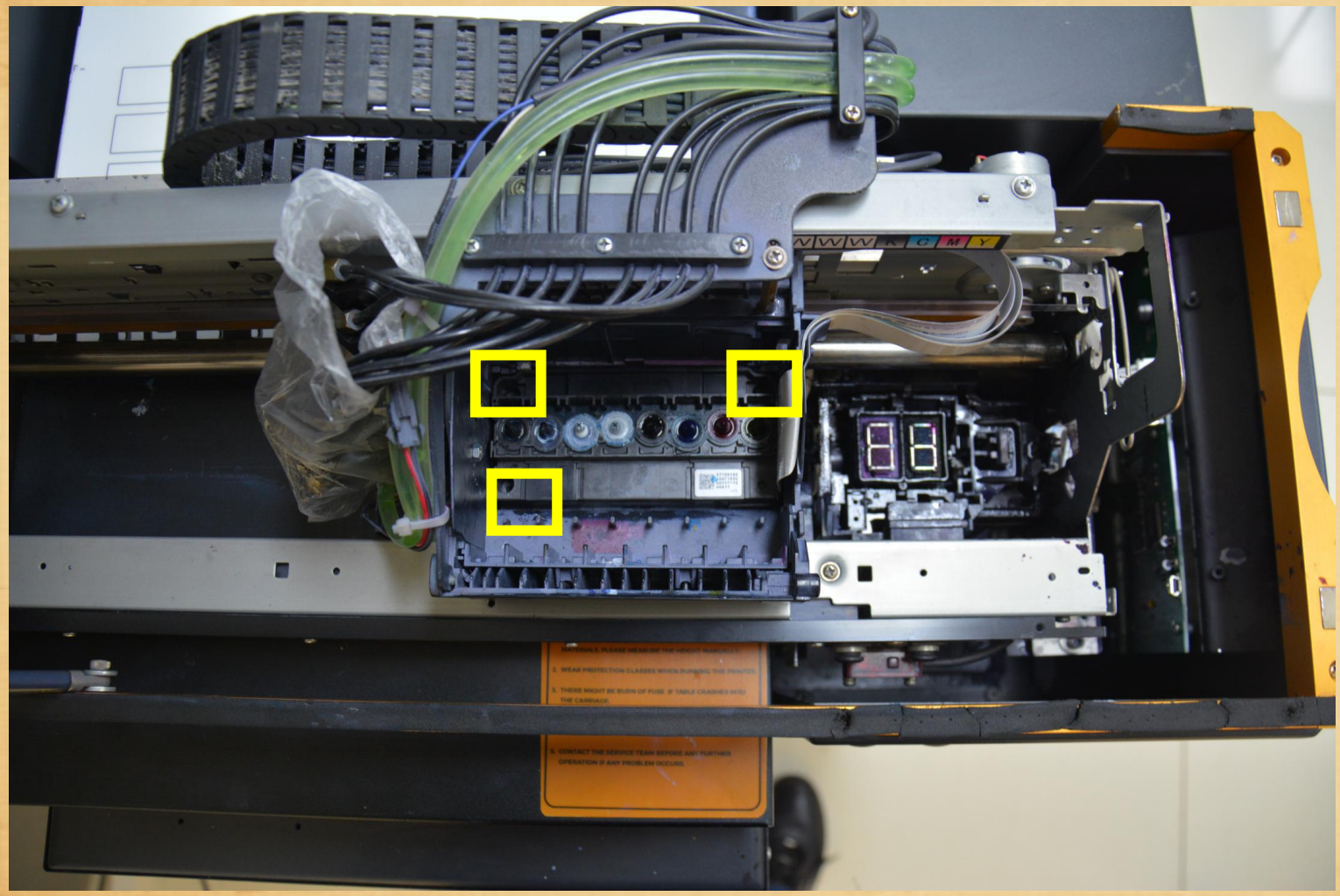


Disconnect the top part.



Disconnect the bottom part.

Remove those 3 Screws on Print Head



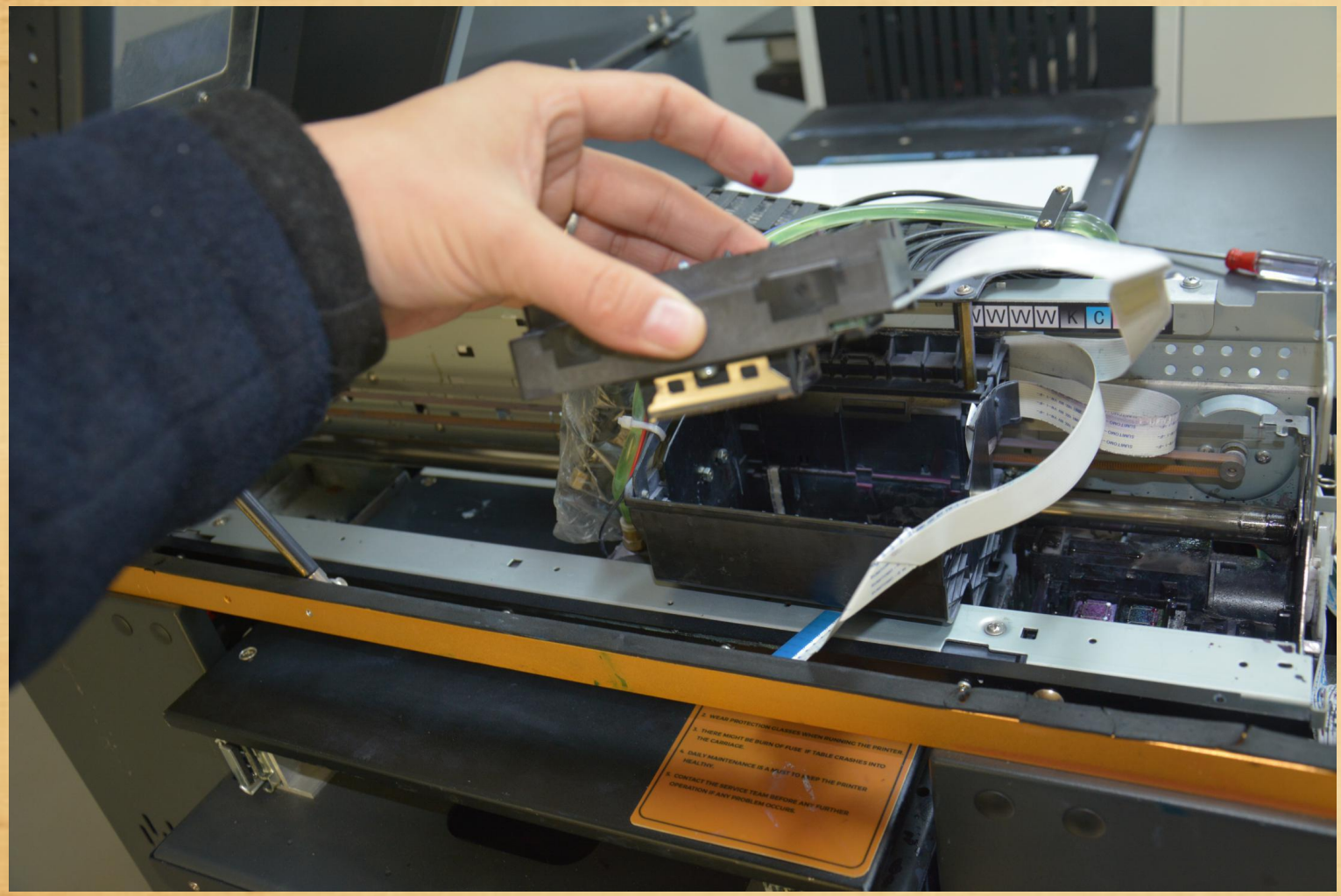
Take out Print Head from the Carriage(1)



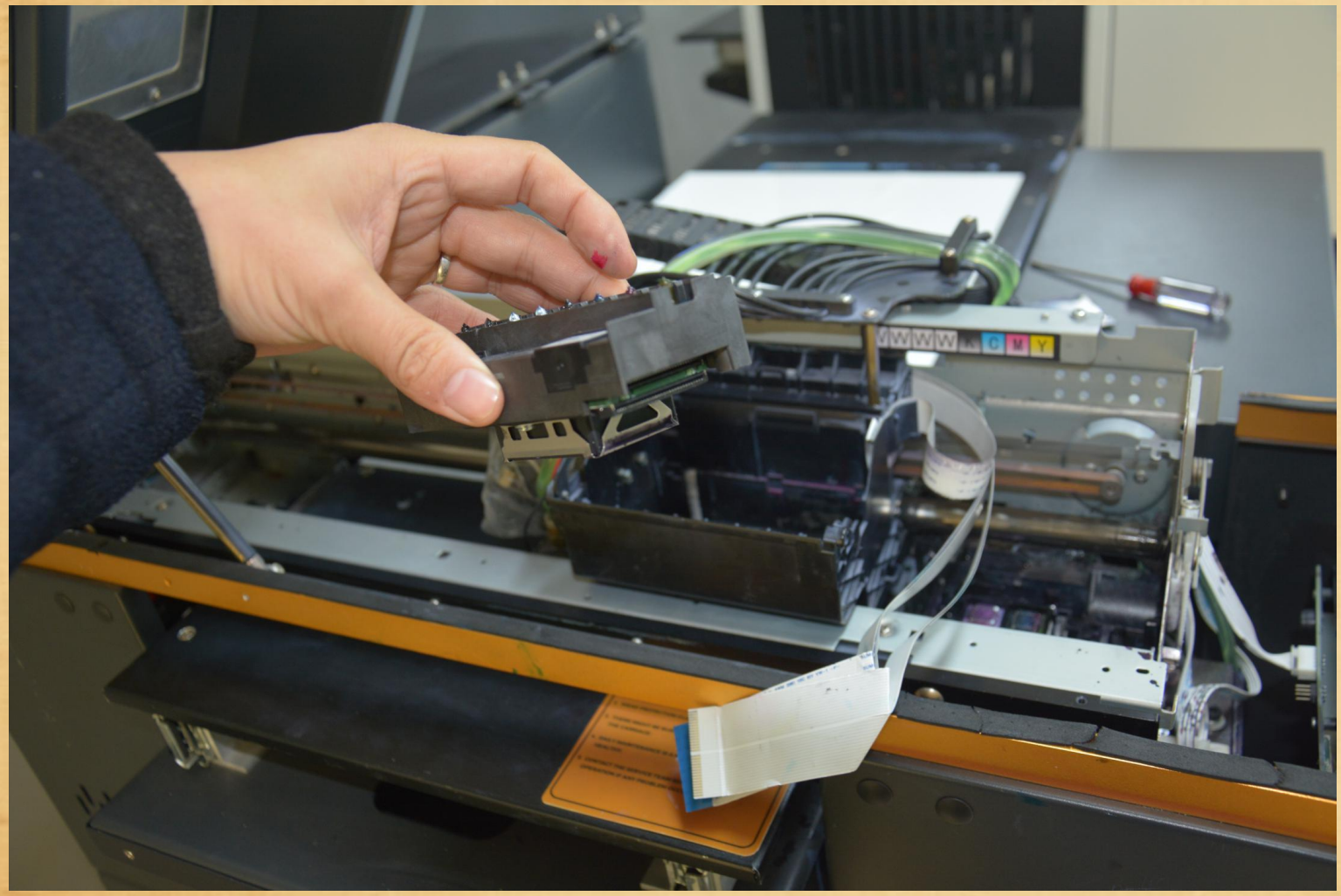
Take out Print Head from the Carriage(2)



Disconnect Print Head and Head Data Cables(1)



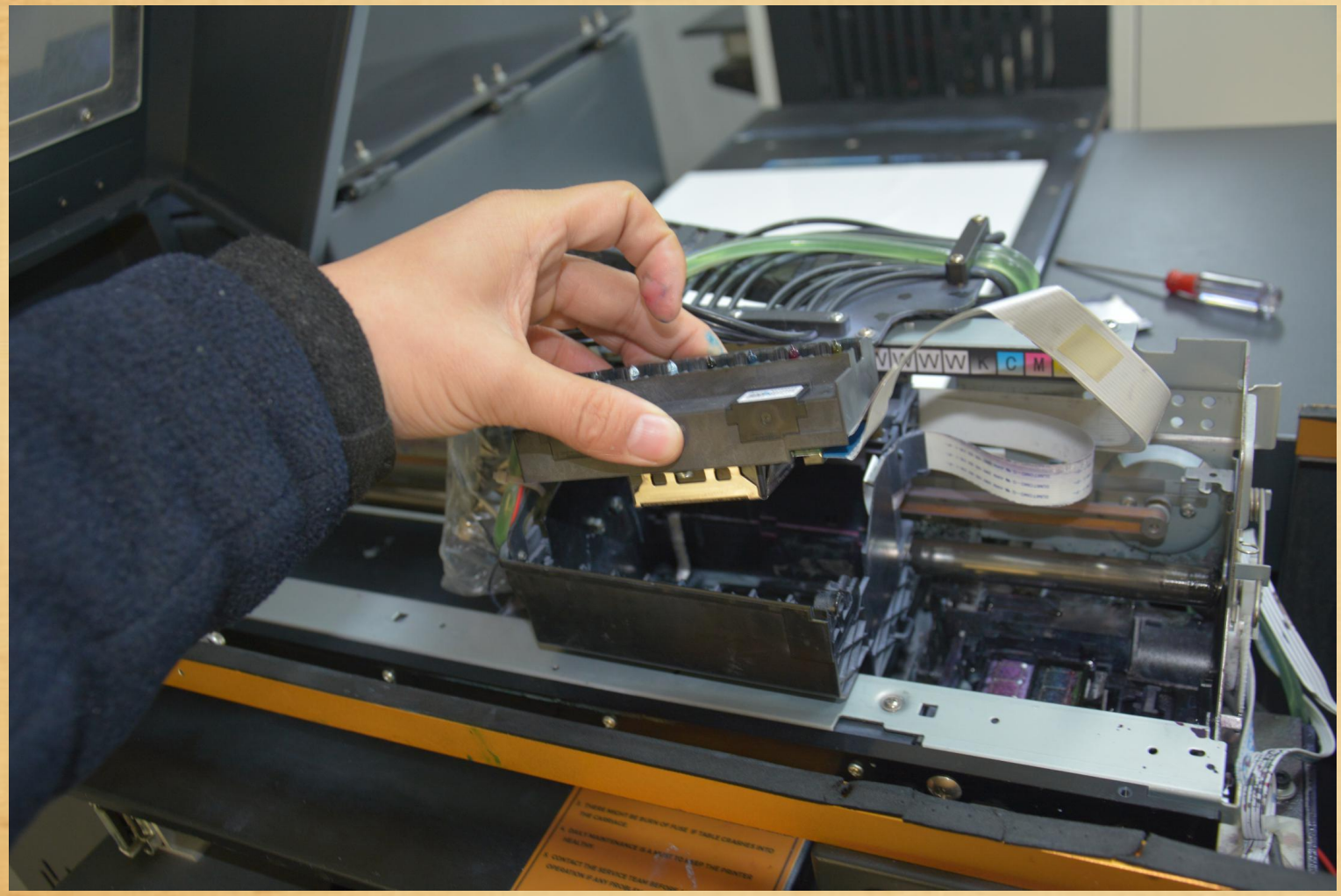
Disconnect Print Head and Head Data Cables(2)



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How to Install the Print Head

Connect Print Head and Head Data Cables

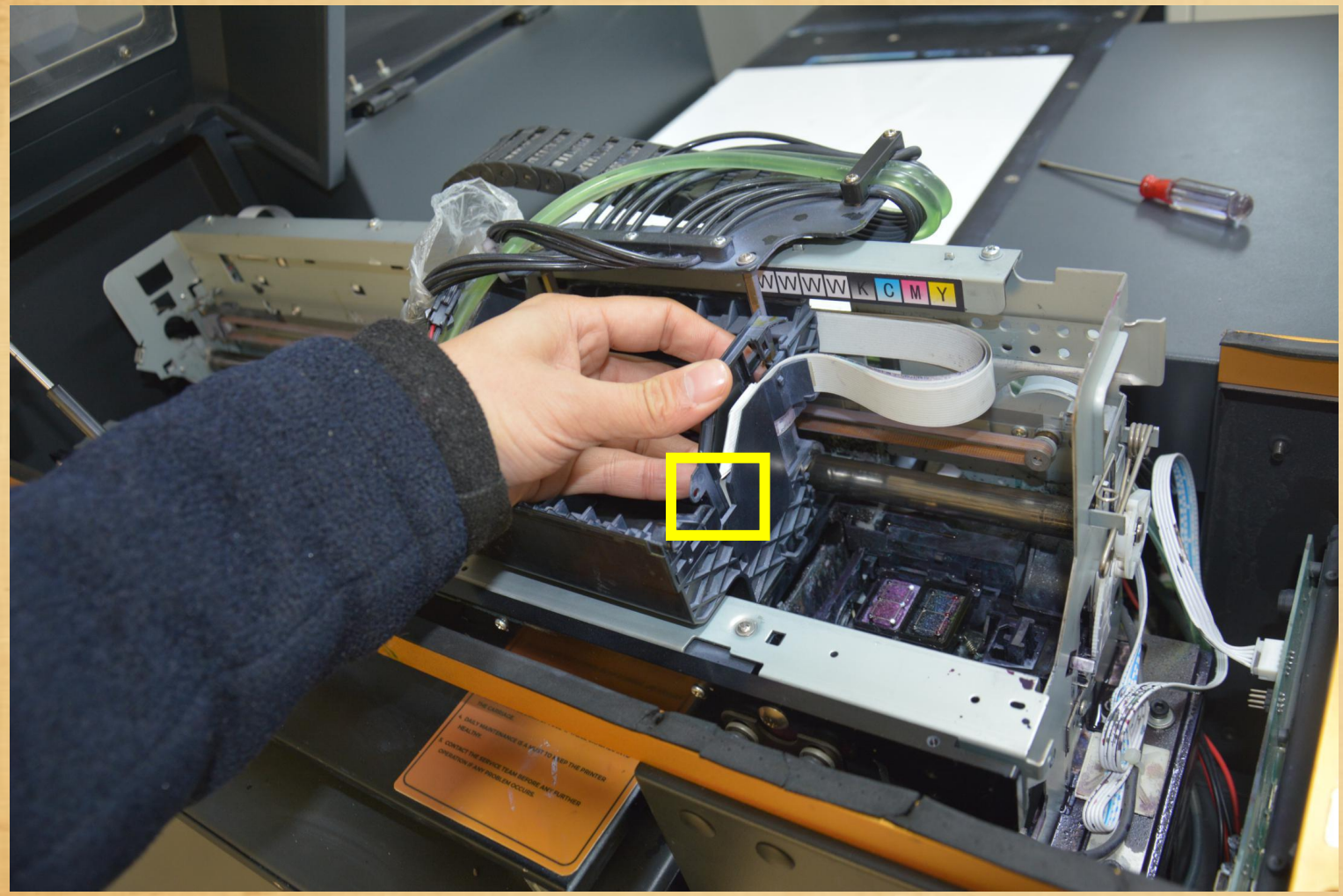


Please insert the Data Cables into Print Head fully and firmly. Once not connected properly, the print head shall be burnt due to short-circute.

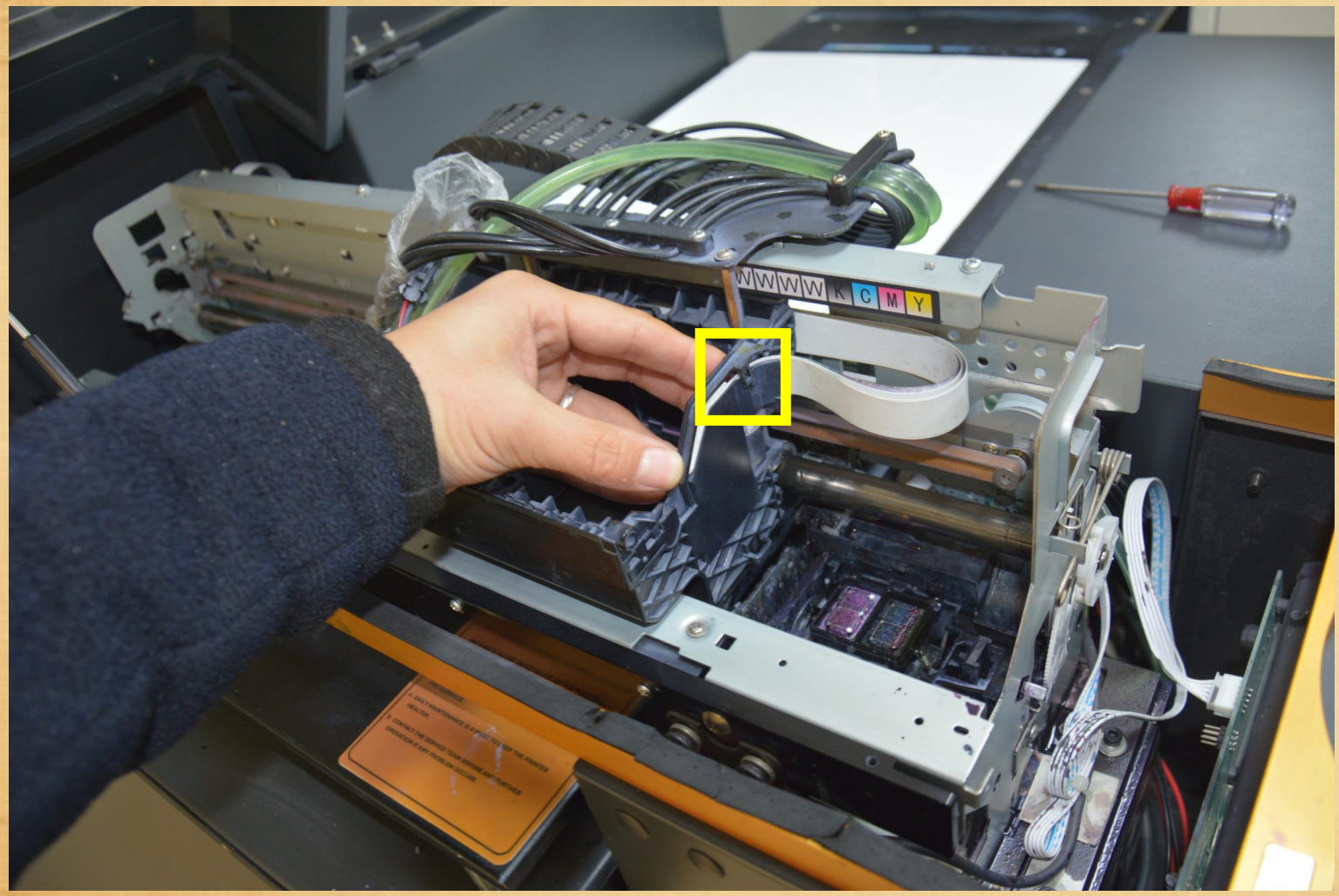
Put Print Head into the Carriage



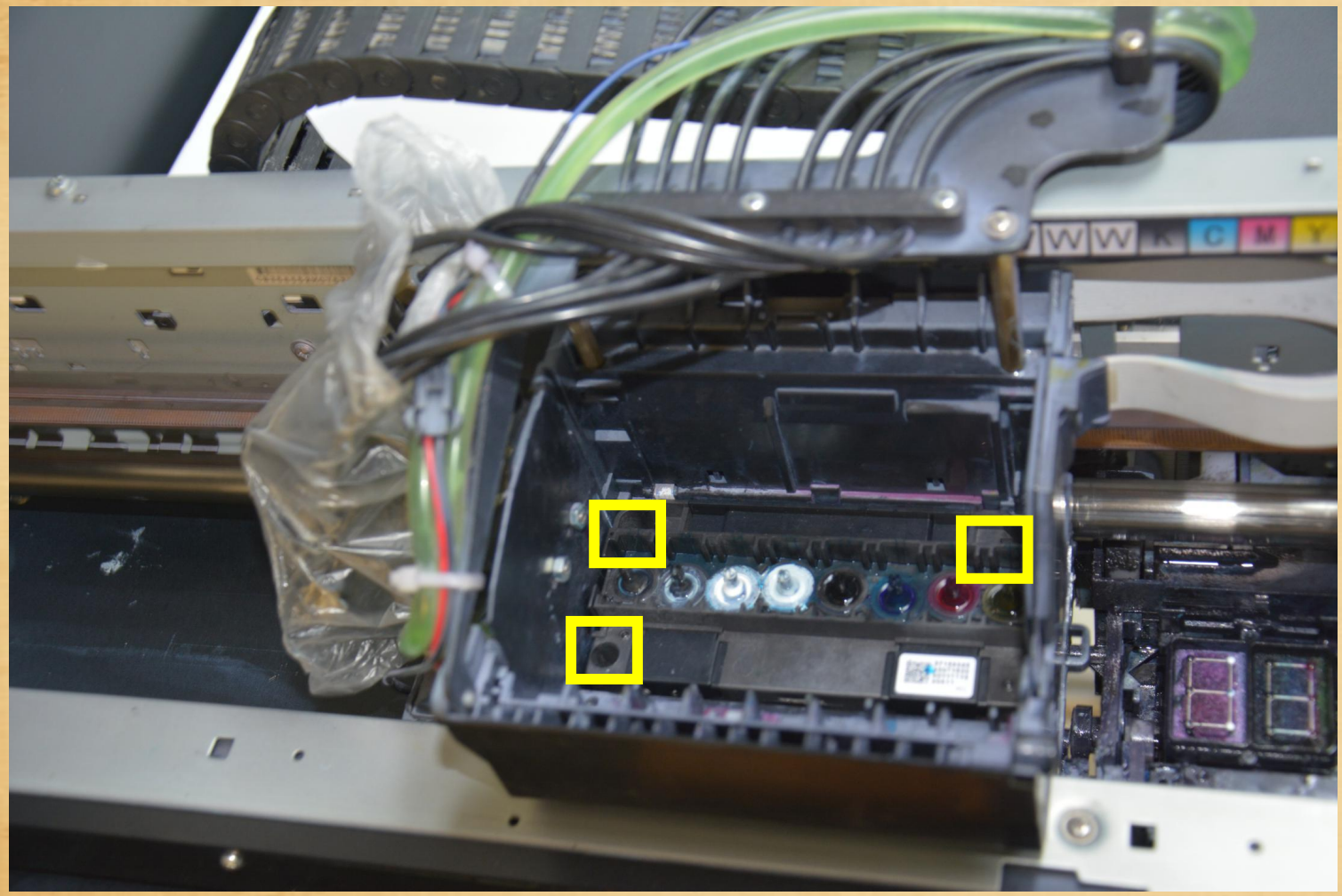
Install the Black Clip for Data Cables(1)



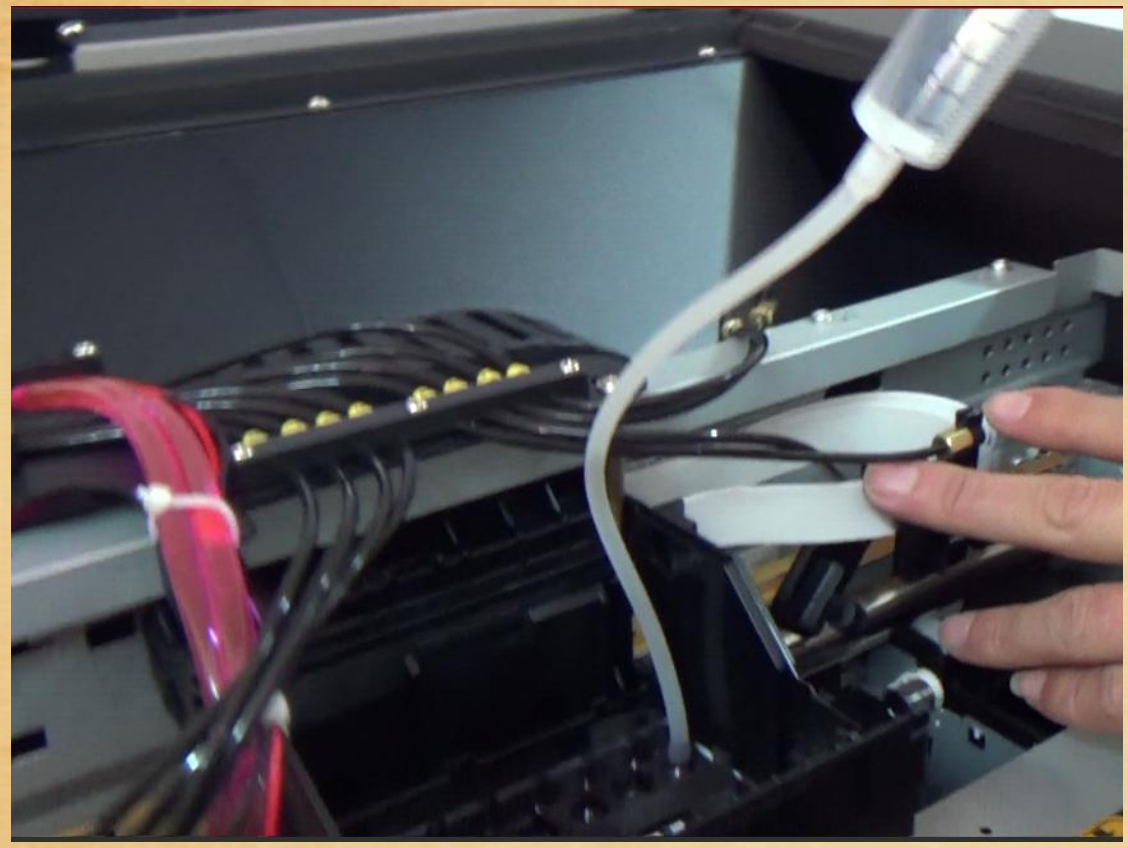
Install the Black Clip for Data Cables(2)



Install the 3 Screws on Print Head



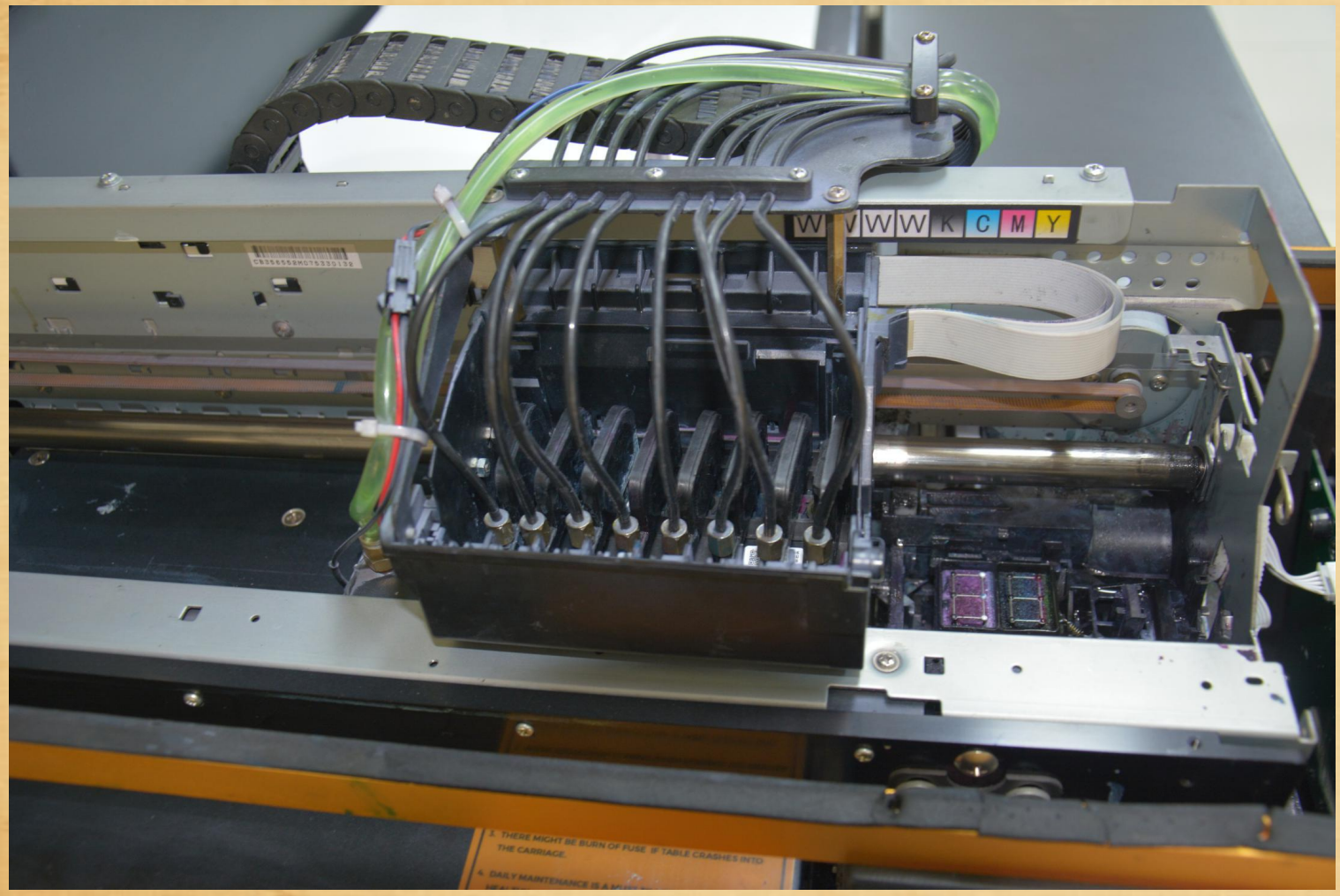
Remove Protective Liquid in the Print Head





To protect the new print head from drying, we usually insert protective liquid into the print head nozzles before delivery. Due to the print head shall get clogged when protective liquid mixed with inks, we need to remove the protective liquid by using Cleaning Agent.

Put Back the Dampers onto Print Head



Please be careful and do not break those 8 black connectors on print head which inserted into the dampers.

artisJet 3000U How to Replace Print Head

How to Check Print Head Installed Properly

Get Printer Ready to Print (1)



Put Back the Covers



Connect the Power Cable

Get Printer Ready to Print (2)



Press General Power Button
and make sure LED screen showing
information properly



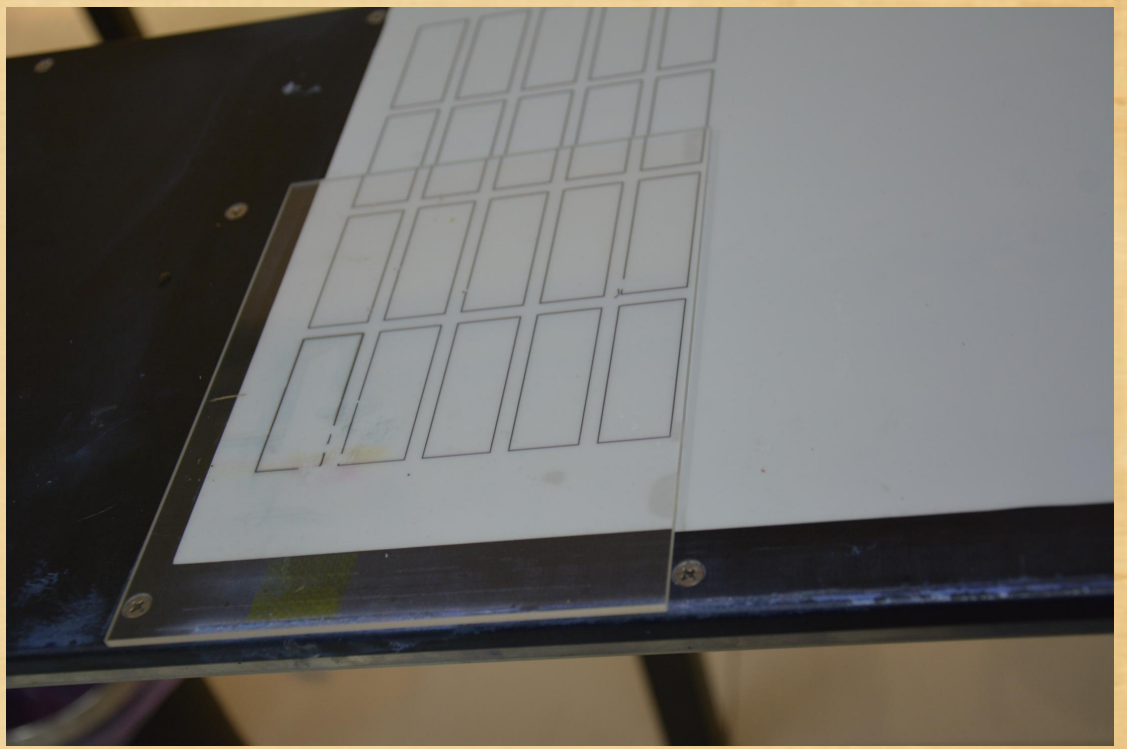
Press READY button and make sure
the Printer can get online properly

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Get Printer Ready to Print (3)

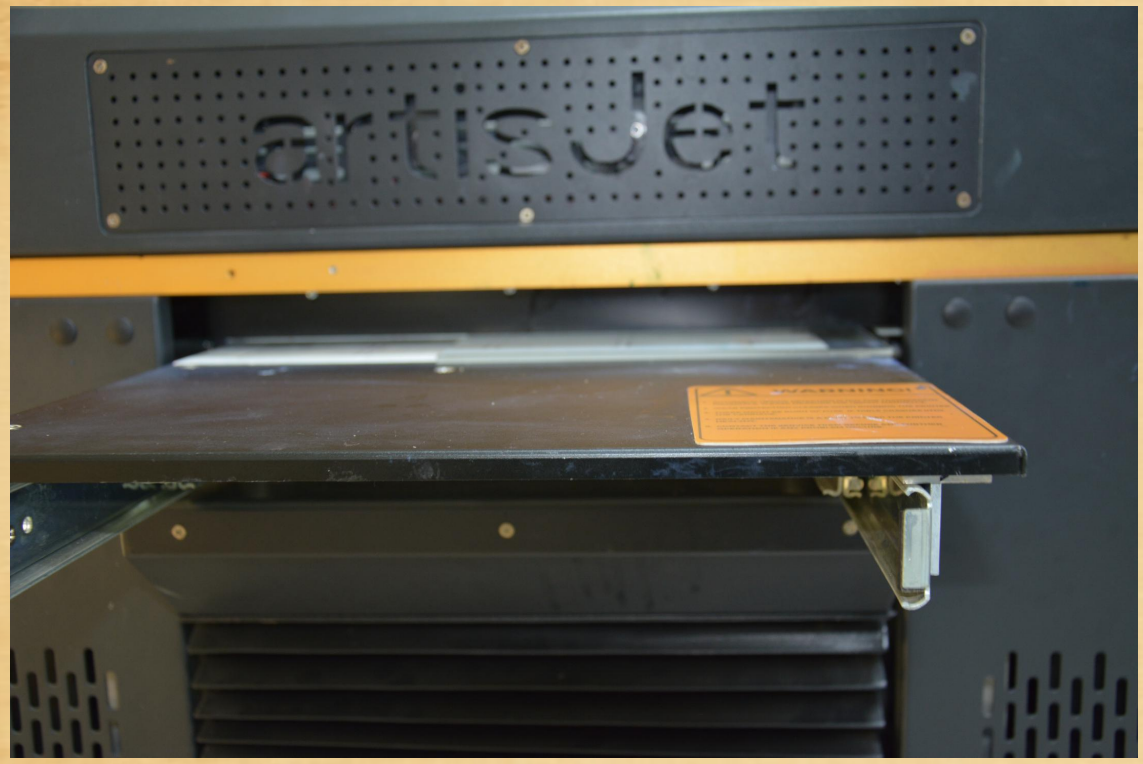


Press UVM Button and make sure it solid on



Place and fix a transparent material on the table which can showing both White and Color Nozzle Check Result.

Get Printer Ready to Print (4)



Adjust the table height by visual check due to the Height Sensor can not detect the transparent material



Press ENTER button to move back the table completely.

Ink Follwing



Press AIF button serveral times and around 5 seconds for each time to make sure we can see dark gray waste ink coming out without too much air.

Head Cleaning



Press PAUSE button for more than 3 seconds, then the printer shall start Head Cleaning Process.

Nozzle Check via Printer Driver in computer



Make sure all the 8 patterns are printed completely without breaks.

WE ARE HERE FOR SUPPORT

Need assistance ?

We are here to help. To inquire about products and Technical services, please reach us

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