Separate The EPSON L1800 Body

Step1, Open the fornt cover (two pieces)(without screw)

Use hand direct extract the cover from the cover top.

Step2, Separate the paper tray (one pieces)(with a clip)

Step3, Separate the back cover (one pieces)(with 3 screw)

Step4, Open the left hand cover (one pieces)(without screw)

Use left hand direct extract the cover upward; at the same time,

right hand use clip open the top lock, need not move the other two lock.

Step5, Open the right hand cover (3 pieces)(with a 4 screw)

There are 4 csrews must open.

Must extract the two small door

Use right hand direct extract the cover upward; at the same time, left hand use clip open the top lock, need not move the other two lock.

Step6, Remove the right cover carefully
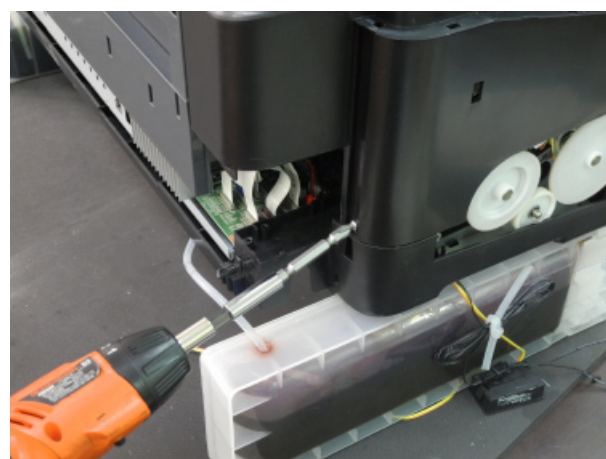

Step7-1, Open the top cover (one pieces)(with 7 screws)

Right : There are two screws inside

There are one screw on the back
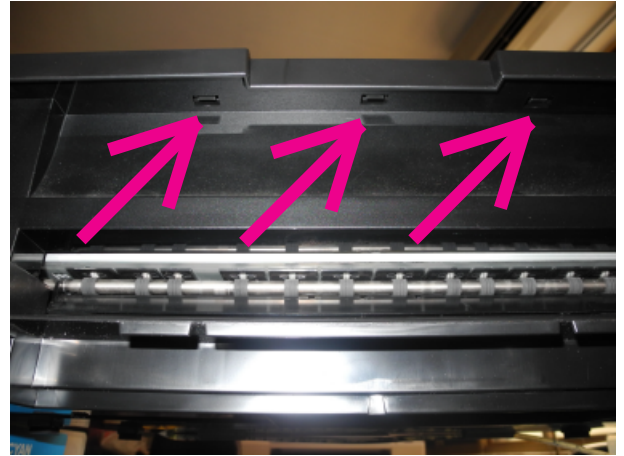

Left : There are two screws inside
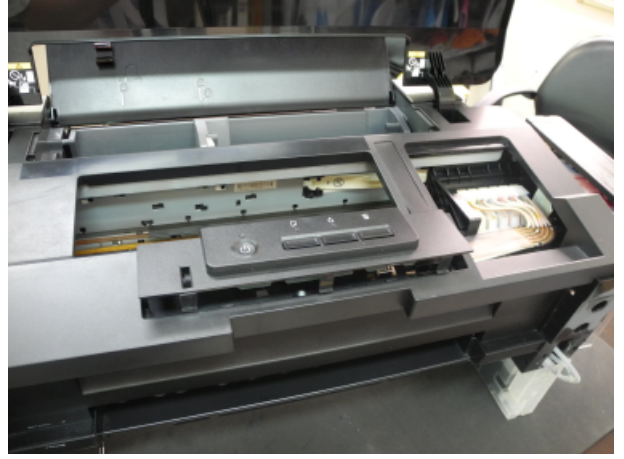

There are one screw on the back

Step7-2, Separate the control panel

Uase finger to find the three hole.
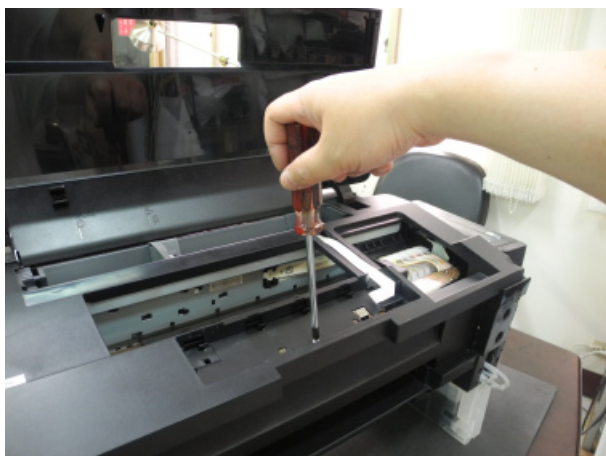

There are three hole on the panel buttom.

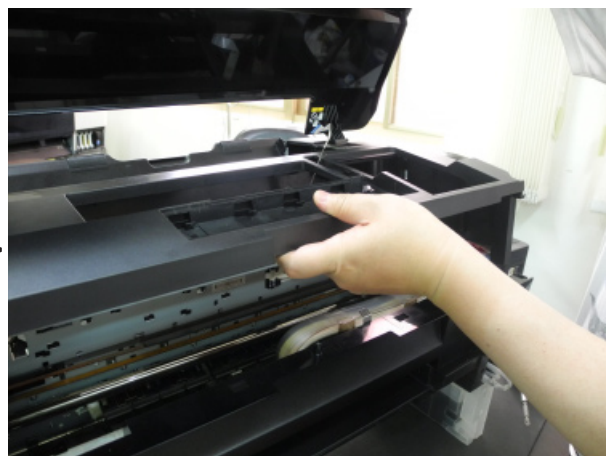Left finger to insert the hole; right hand extract the panel

There are still have lock under the red arrew
buttom. Please use finger to clip the lock
then can open it.

Please pull out the data bus line.
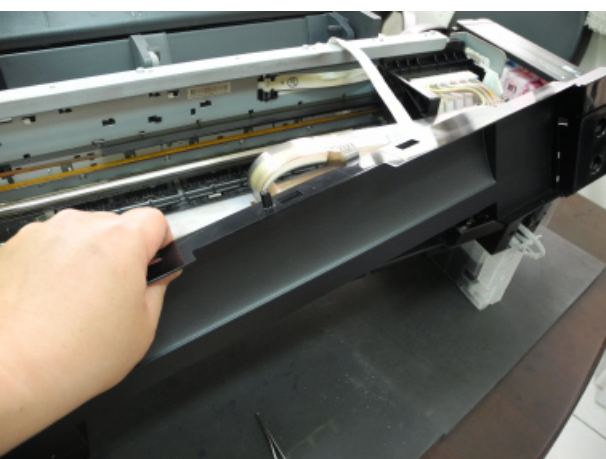
Step7-3, Open the last screw and open the top cover
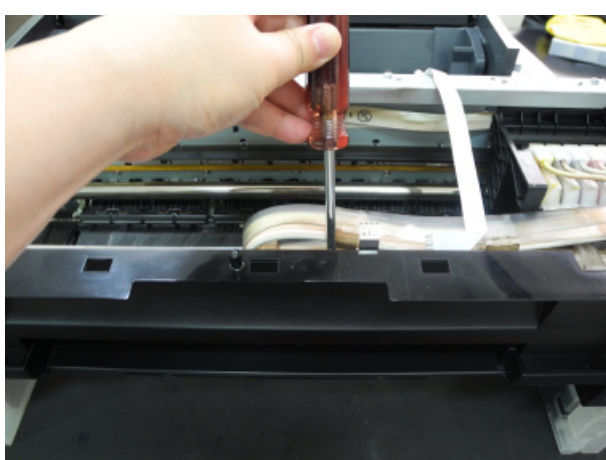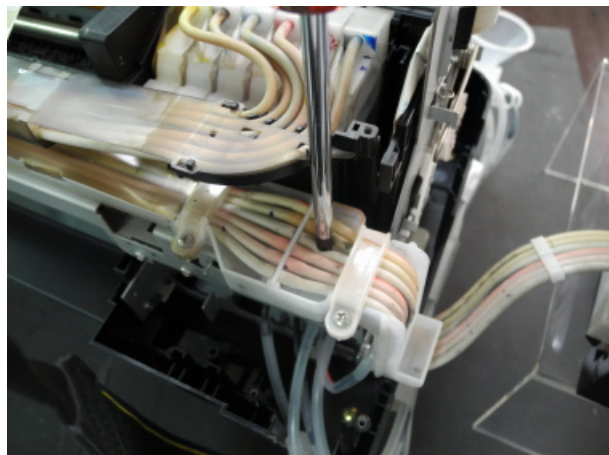

Open the last no. 7 screw.   Left the top cover carefully.

Step8, Open the front wall(with 4 screws)

Remove the front wall.

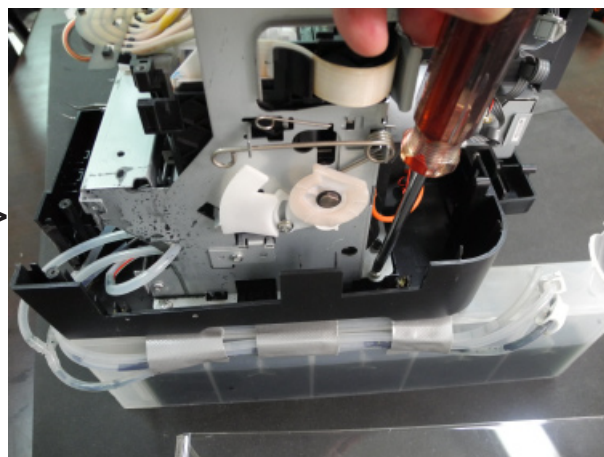Step9, Remove the ink tank, put it on the printer

Open the screw inide the tube.

Put the ink tank on the printer.

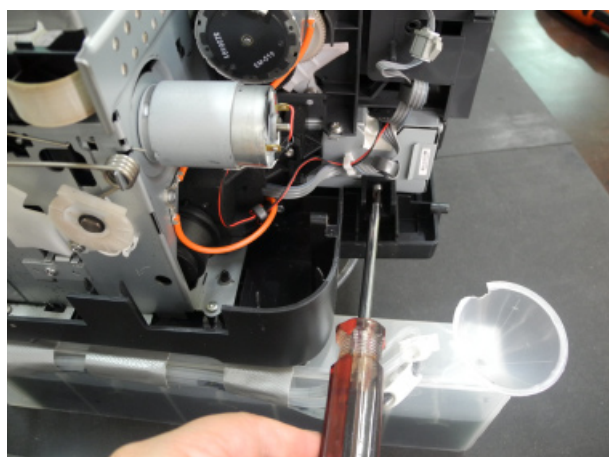Step10-1, Remove the main L1800 printer body separate from the buttom frame
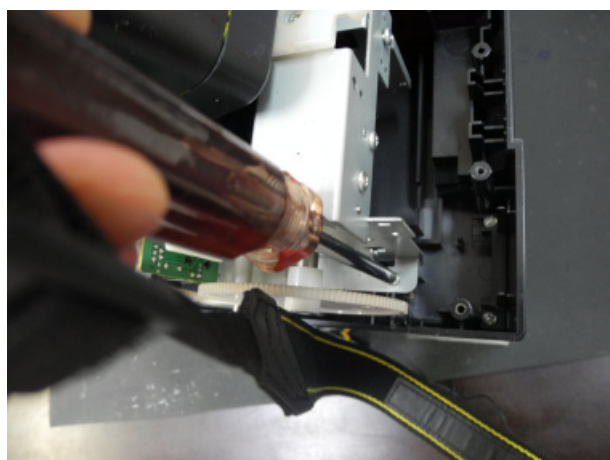
Right (with 3 screw)

Remove the no. 1 screw.
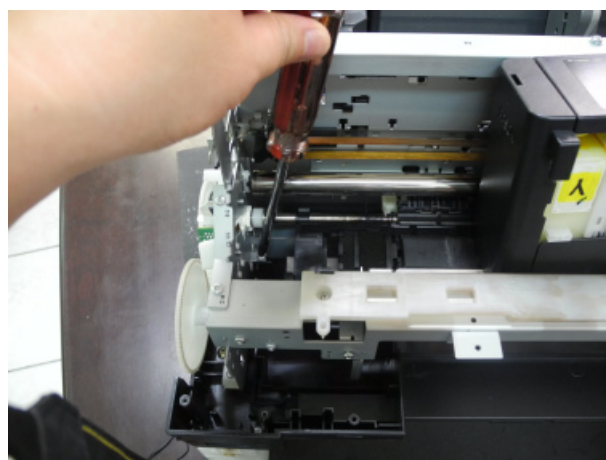

Remove the no. 2 screw.

Remove the no. 3 screw.

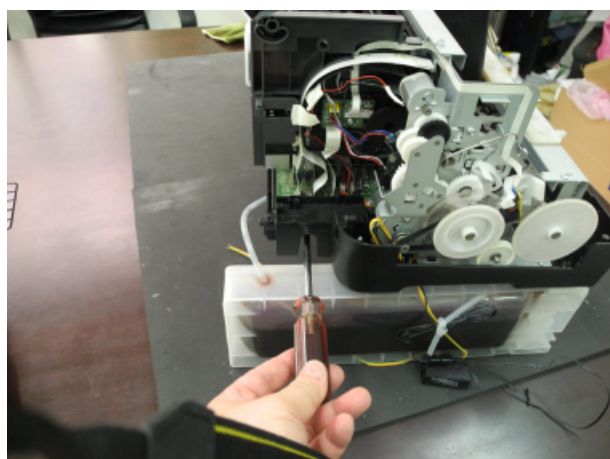Step10-2, Remove the main L1800 printer body separate from the buttom frame
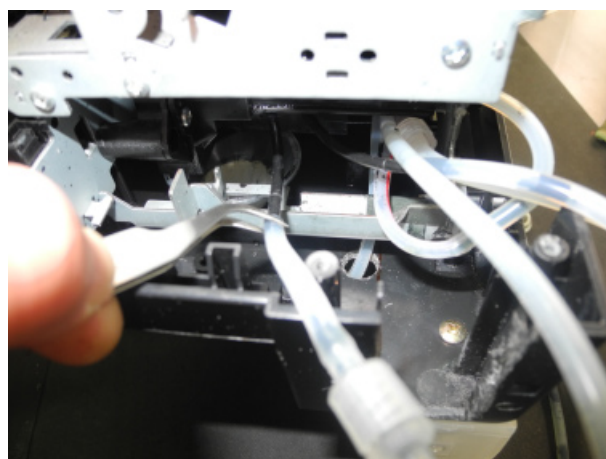
Left (with 3 screw)

Remove the no. 1 screw.
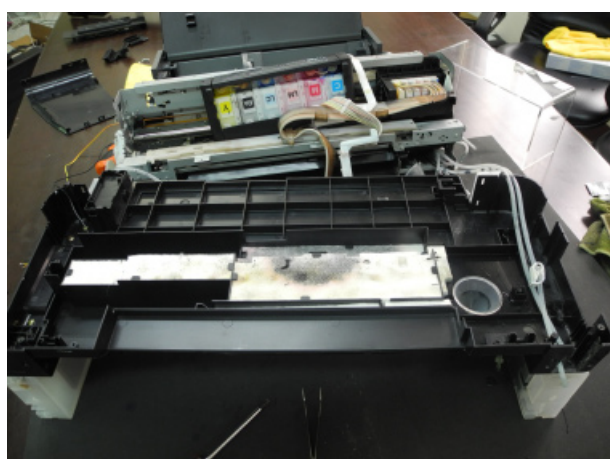
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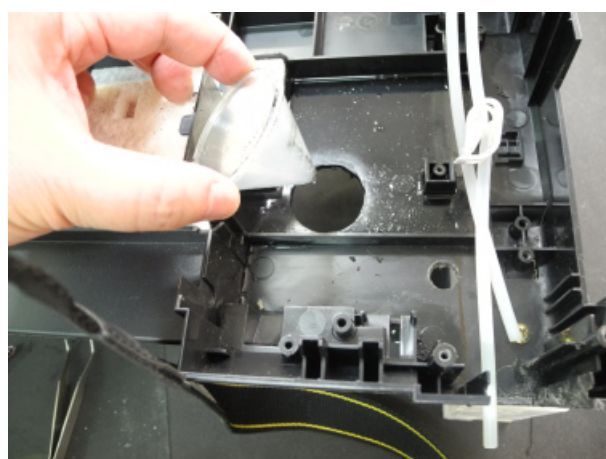**Remove the no. 2 screw.**

Remove the no. 3 screw.

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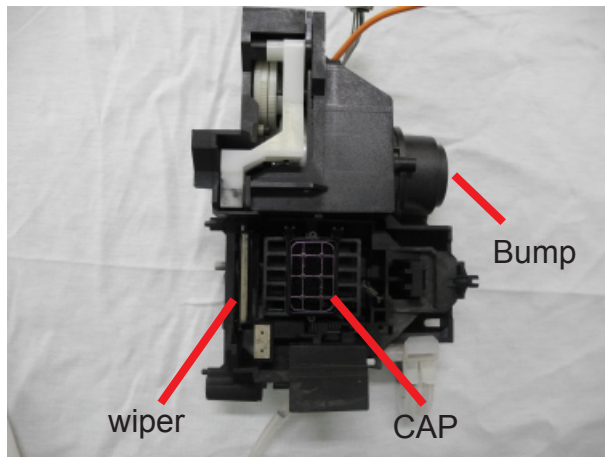
Disconnect tube from the buttom.(see 11)

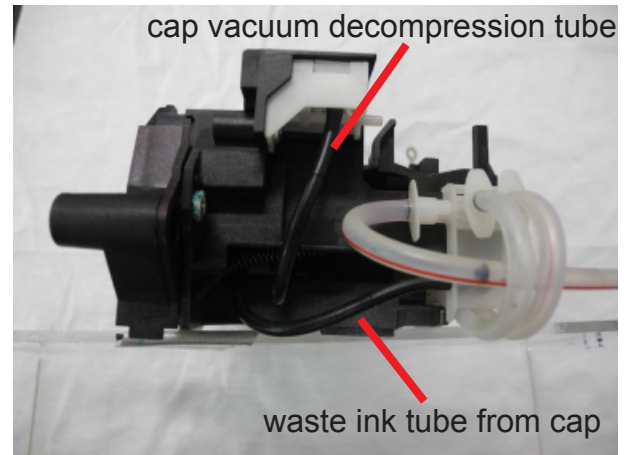**Remove the body from the buttom frame.**

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The funnel hole may be too small, it makes the funnel too high to stop the bump gear stop error. Make it bigger.

Step11, Bump tube arrangement

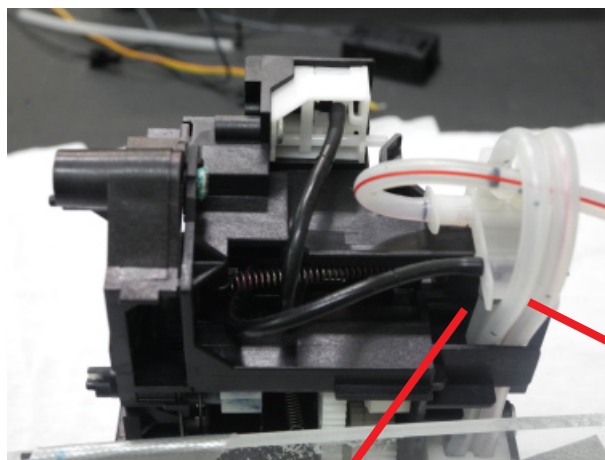This is EPSON L1800 cleaner system overview.

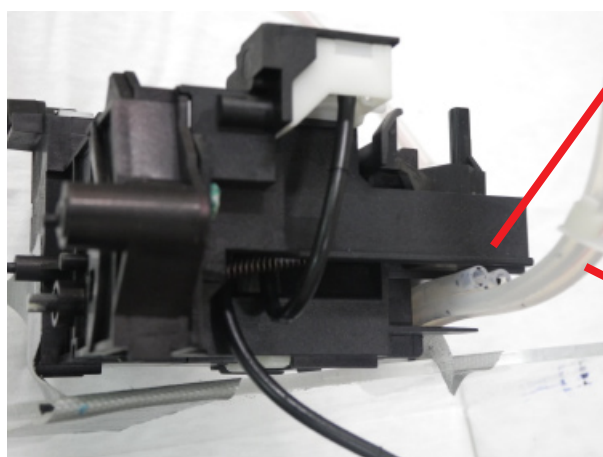This is EPSON L1800 cleaner system side view for bump tube.

3. Combine two waste ink flow tube into one tube to waste pad flow

2. two chanel waste ink from bump

1. Two chanel tube into bump, it suck the black tube ink from printer head cap.
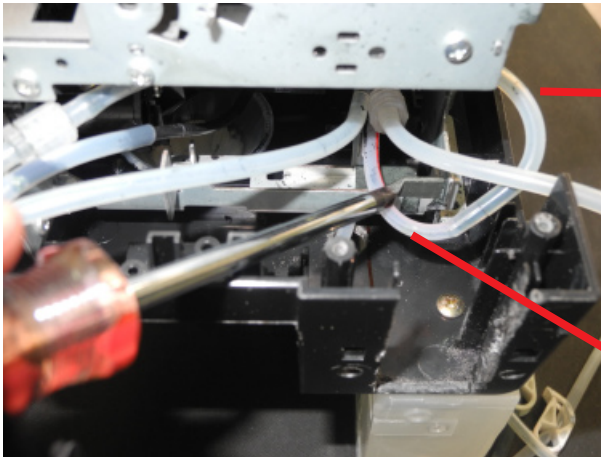
Step12, Separate the waste ink tube group

Bump suck ink tube (2 chanel)

Bump eject waste ink tube (2 chanel)

Step13, Wiper auto cleaning system

We make use of one chanel bump waste tube to wash the wiper!

First, We choose right side tube channel to wash wiper.

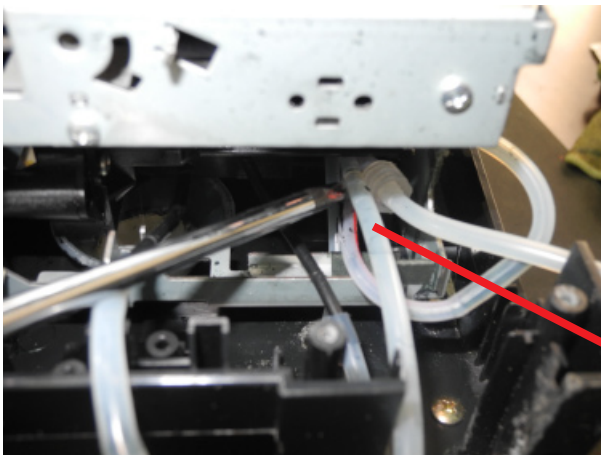3. The tube goes to wiper; make use of cleaning liquid eject the wiper to keep the wiper always clean.

1.Suck the cleaner liquid into the bump.

2.Cleaning liquid come out from bump.

Step14, Waste ink pipe system

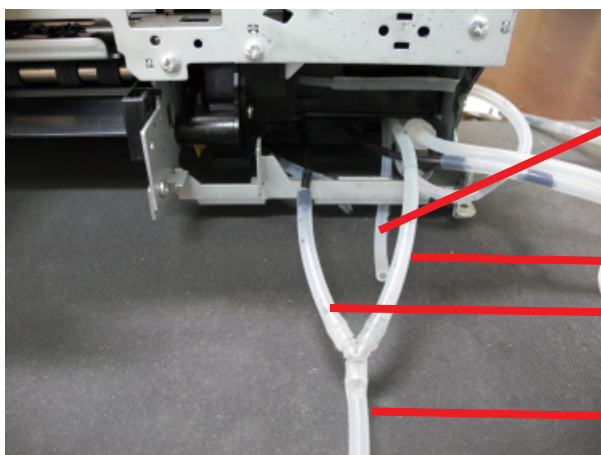Of course, we still need one channel tube to suck black tube from cap to mke head clean.

We choose left side channel to suck cap black tube.

1. This left tube must connect to the cap black tube to clean the head.

Step15, Waste ink tube cleaning system

Because we use art paper ink, it is easy to dry in the waste ink tube, so we must

use a Y type connector to suck cleaning liquid into the waste tube to keep it wetting.

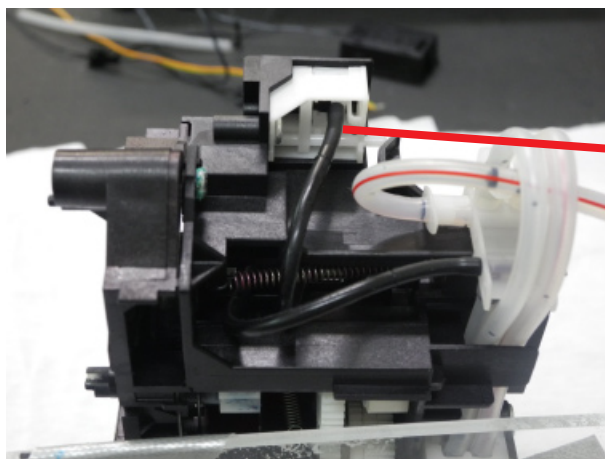4. final waste ink tube, must insert into waste ink tank.

1. Bump tube to suck waste ink.

2. Cap pipe come out waste ink.

3.Suck clean liquid to clean waste ink tube.

Step16, CAP auto cleaning system

We have another black tube connect to the cap at right corner. It's for cap vacuum decompression, it is a big good news, we can make use of it to suck cleaning liquid into the cap, wash the cap sponge.
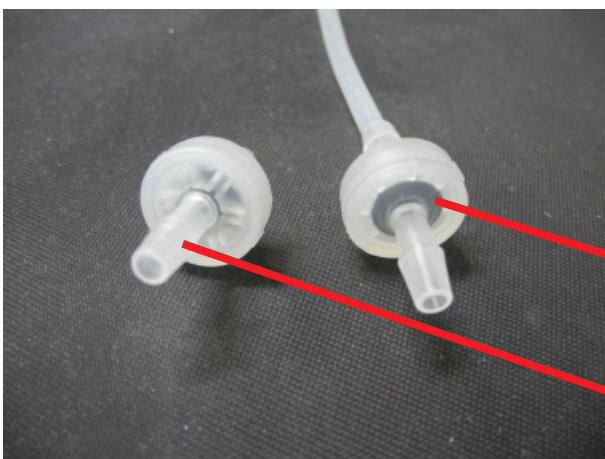

1. disconnect the black tube, reconnect a cleaning liquid tube. This tube is clean cap tube.

Step17, Install an adverse current valve

Now, there are 3 main cleaning liquid pipe must install an adverse current valve, for keep these pipes always have cleaning liquid.

1. wiper clean pipe.

2. waste ink pipe.

3. cap clean pipe.

1. Liquid go into to pipe.

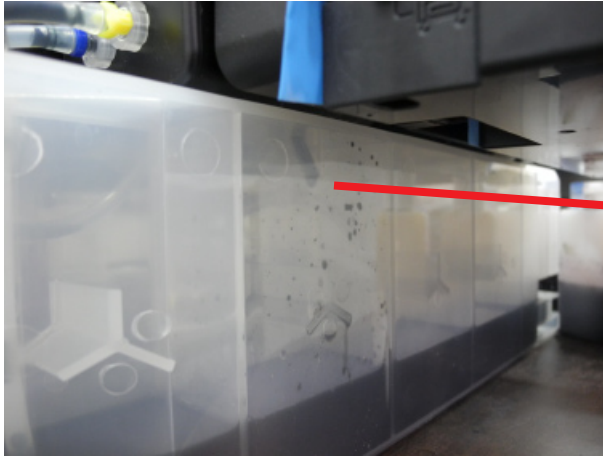2. This way, liquid can not go into.

1. Adverse current valve install overview.

2. Use finger clip the red o ring pipe, it will makes the bump suck cap waste ink stronger, head cleaning better.
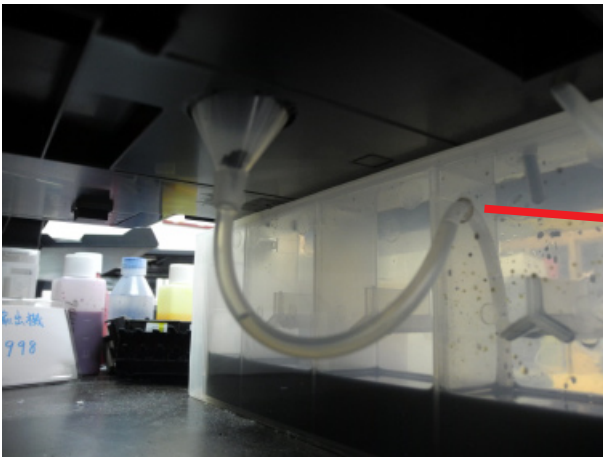
Step18, Printer right hand tank is better to be waste ink tank

We have experience to find the waste ink tank had better at right hand.

Because it is approach to the "final waste ink pipe."

1. Final waste pipe direct insert into the waste ink tank, without any clogging problem.

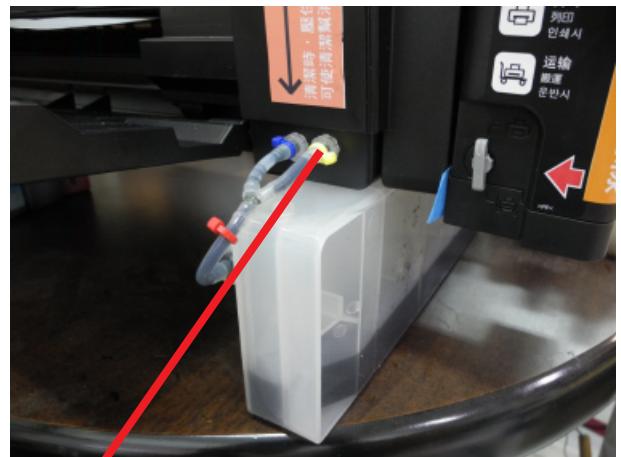
1. Wiper wash liquid can arrange flow into the tank easly.

Step19, Printer left hand tank is better to be cleaning liquid tank

Left: cleaning liquid tank

Right: waste ink tank

1. Red O ring tube suck clean liquid goes into waste ink tube.
2. Green O ring tube suck clean liquid goes into wash wiper.
3. White clip tube is used to be cap wash.

1. Yellow O ring means Bump suck tube.
2. Blue O ring means cap waste ink come out.
3. Red O ring means clean liquid go into waste ink tube.