

# SETUP MANUAL

## SC-F7200 Series



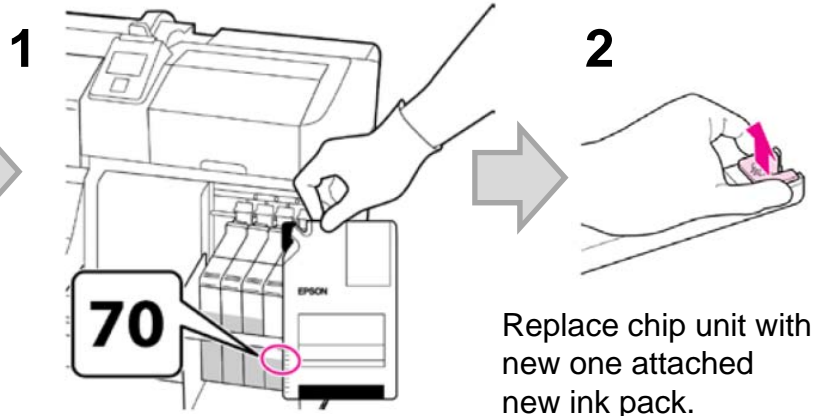


- **Please inform the user of the next page certainly!**
- **Please print and pass the next page to user and encourage the points of caution.**

■ Ink refill



When this message appears, check ink level of the tank which is indicated by .

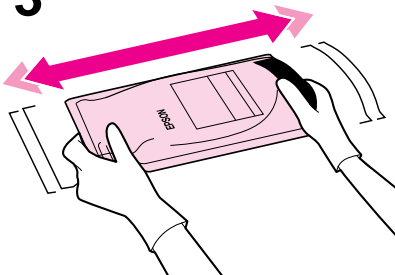


**1** Ink level is more than 70mm:  
Recommends to continue using the printer until the ink level reaches 70mm from the bottom.

**2** Replace chip unit with new one attached new ink pack.

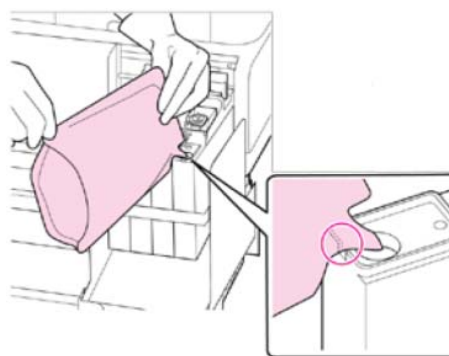
**Important**

**3**



Shake the new ink pack as shown in the illustration horizontally for approximately 5cm left and right for 5seconds approximately 15times.

**4**



Refill ink.  
-Use up all ink in the pack at a time. (No remaining)



- Even is indicated on panel as shown, it is possible to replace chip unit and refill ink while printing goes on.
- Printing will be paused by showing a message of " Refill Ink Tank" or " Chip Unit Expended" if continue to use after ink level becomes 70mm or less.
- It is time to replace Ink tank if message "Refill Ink Tank" appears but ink level is 70mm or more. Replacing Ink tank is recommended.

## About This Manual

The instructions and procedures included herein are intended for the experienced repair technicians, and attention should be given to the precautions on the preceding page.

### **Symbols Used in this Manual**



Indicates an operating or maintenance procedure, practice, or condition that, if not strictly observed, could result in damage to, or destruction of, equipment.



Indicates important point about assembly.



May indicate an operating or maintenance procedure, practice or condition that is necessary to accomplish a task efficiently. It may also provide additional information that is related to a specific subject, or comment on the results achieved through a previous action.



Indicates should be confirmed by tentative When assembling it until the present stage. Write the check when it is possible to confirm it.

**Wear protective *eyewear* and *gloves* when performing assembly, and maintenance.**

## Revision Status

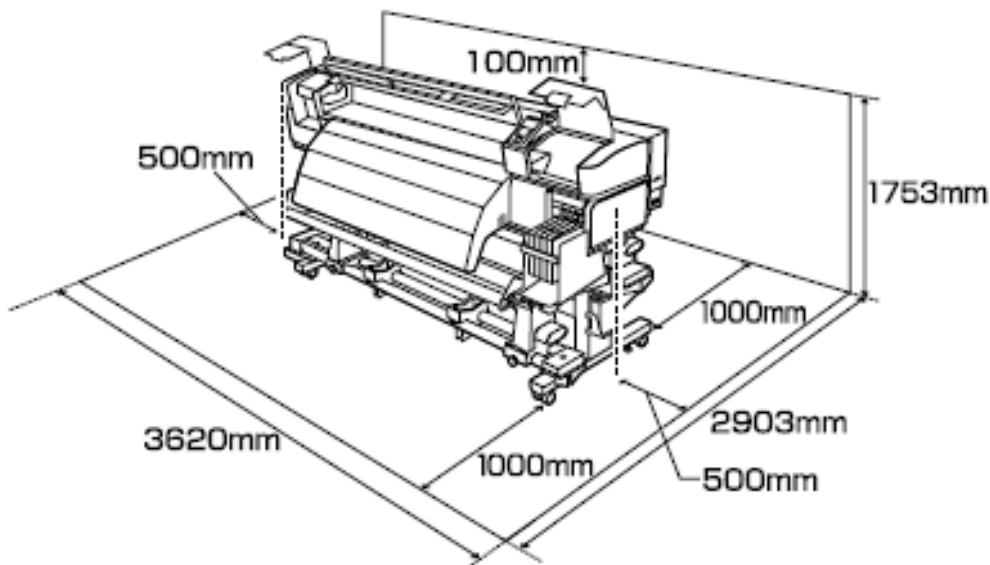
Revision	Date of Issue	Description
0	June 26,2015	Temporary release for AMP unit
A	July 22,2015	First release for MP unit

## 1.1 Caution for Installation

### ■ Installation

**Service man must set it up.** (Not User)

## 1.2 Choosing a Place for the Printer



### ■ Instructions for Placing the Printer

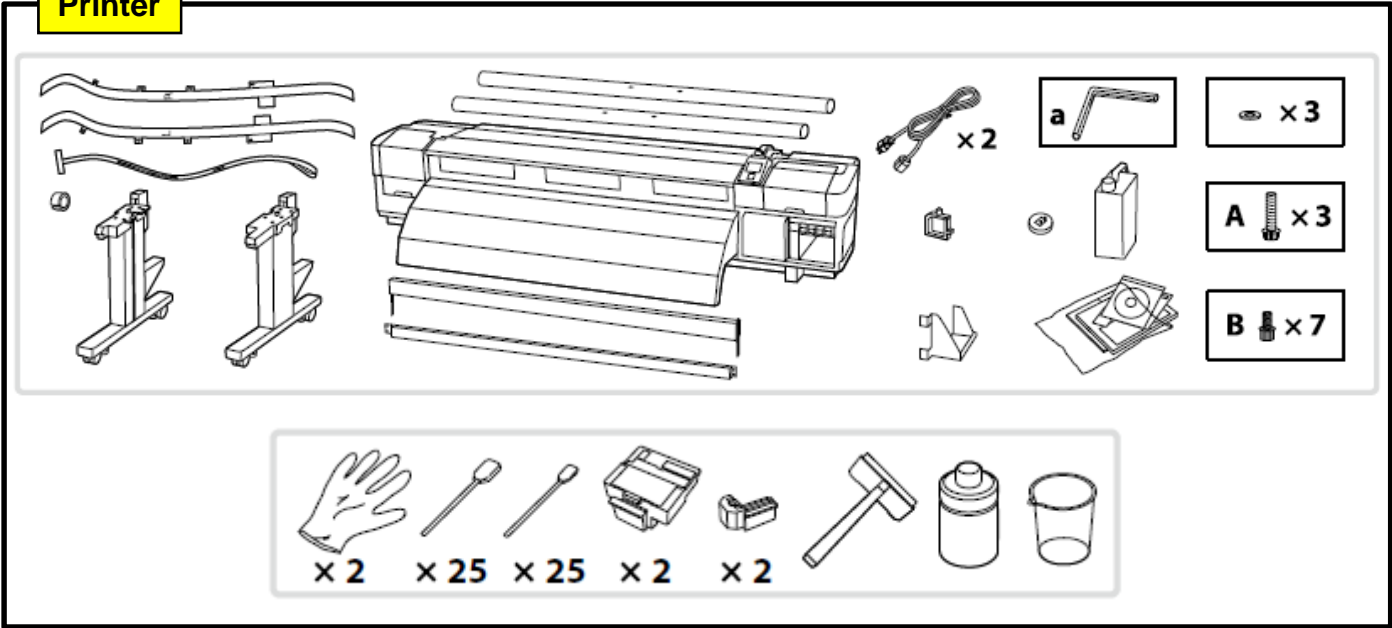
- keep adequate room as shown.
- Choose a level and stable location that can support the weight of the printer (about 288 kg).

## 1.3 Used Tools

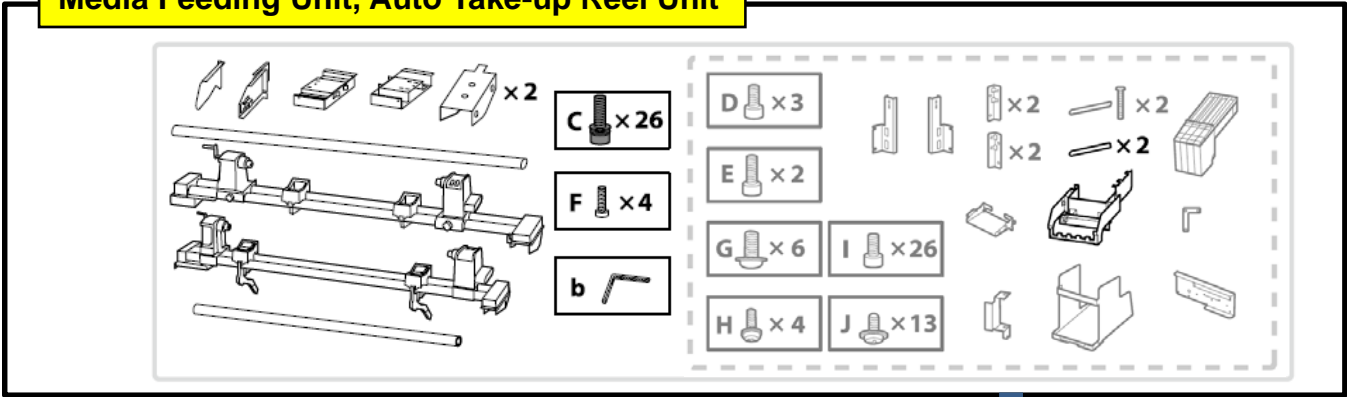
- Phillips screwdriver, No.2 (Long driver: more than 250mm)
- Rule Scale
- Scissors

# 1.4 Inside of carton box

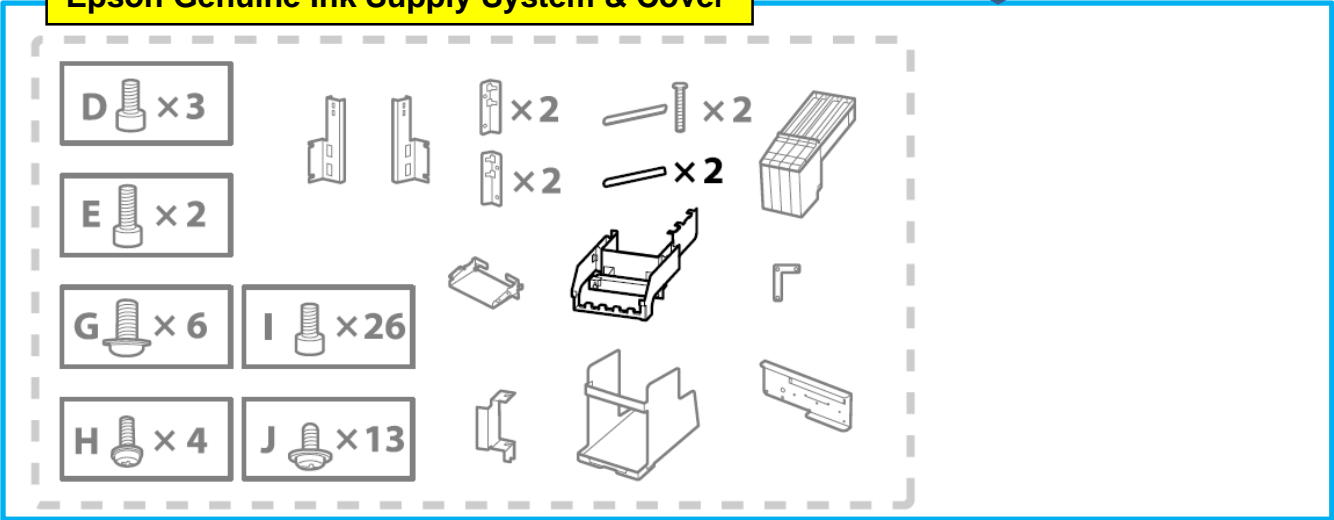
## Printer



## Media Feeding Unit, Auto Take-up Reel Unit

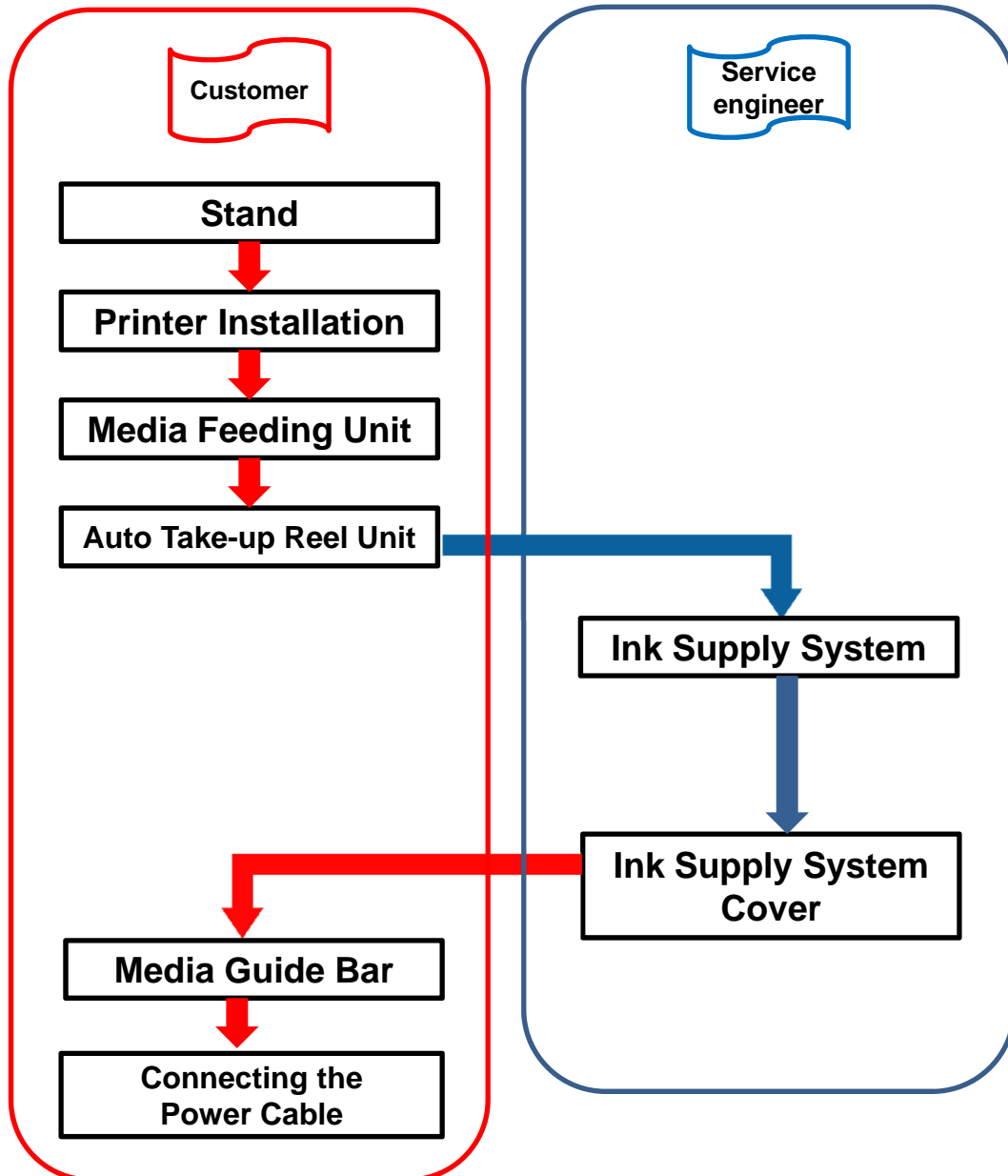


## Epson Genuine Ink Supply System & Cover



## 2. Setup Flow

Assemble according to the following flow charts.



CAUTION



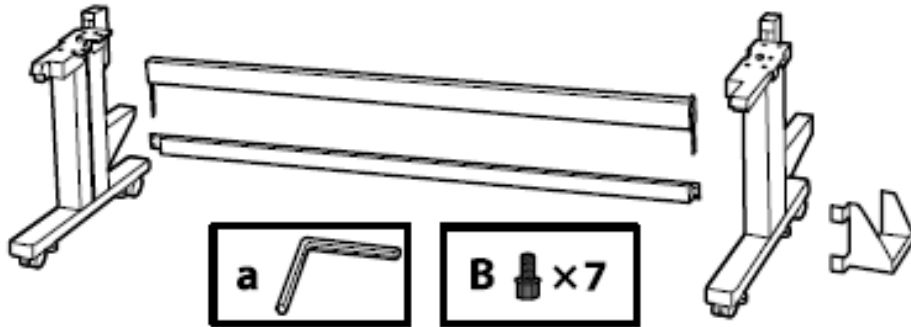
Before assembling the printer, clear the work area by putting away the removed packing materials and bundled items.



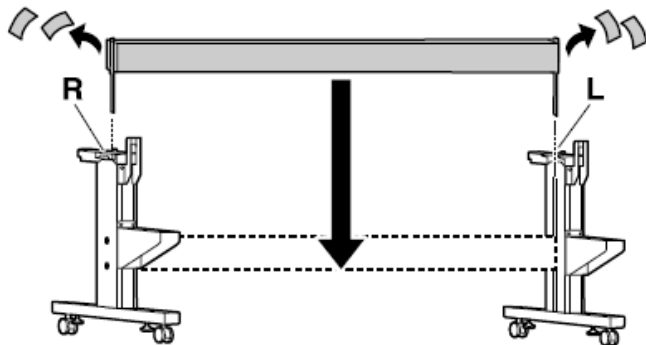
<<Stand>>



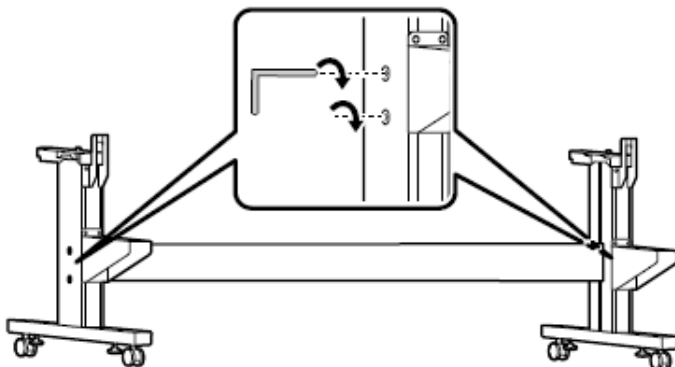
It is recommended to assemble the stand by 3 persons.



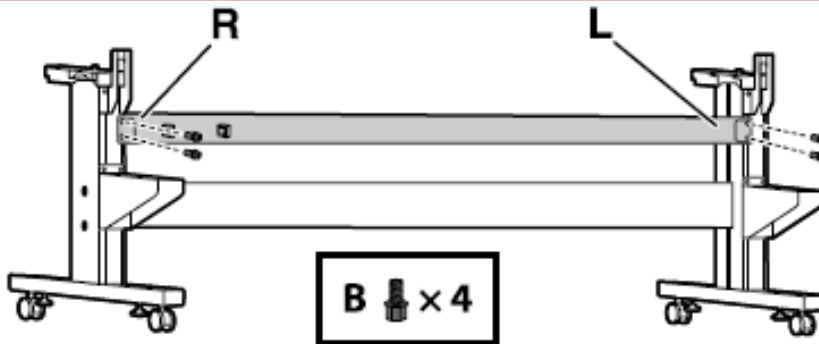
Remove the tapes.  
Insert the strut into the stands with supporting the stands.



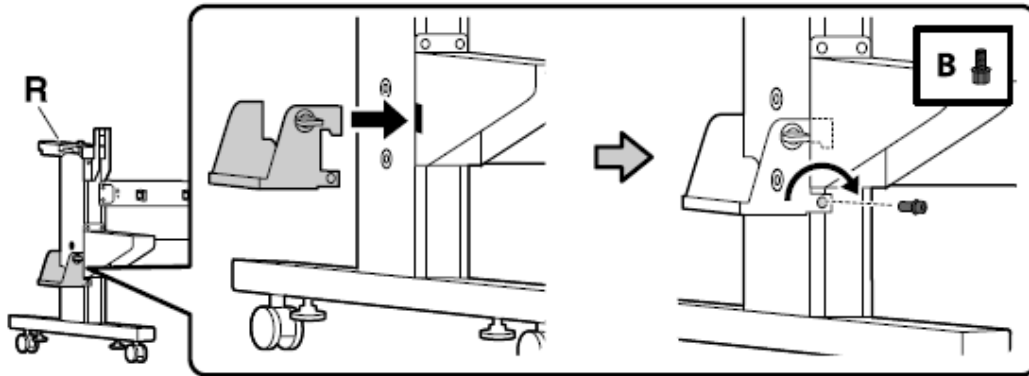
Tighten 4 screws.



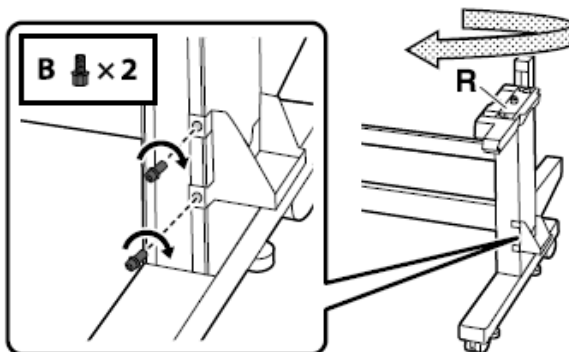
Check the markings of L & R on both stands and strut.  
Tighten 4 screws with supporting the stands.



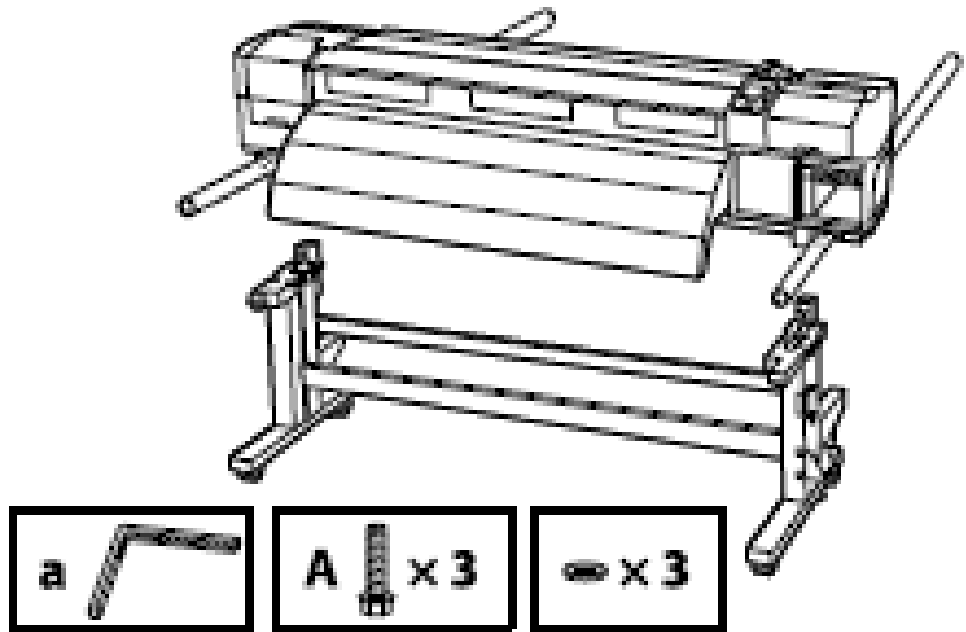
Tighten 1 screw.



Tighten 2 screws.



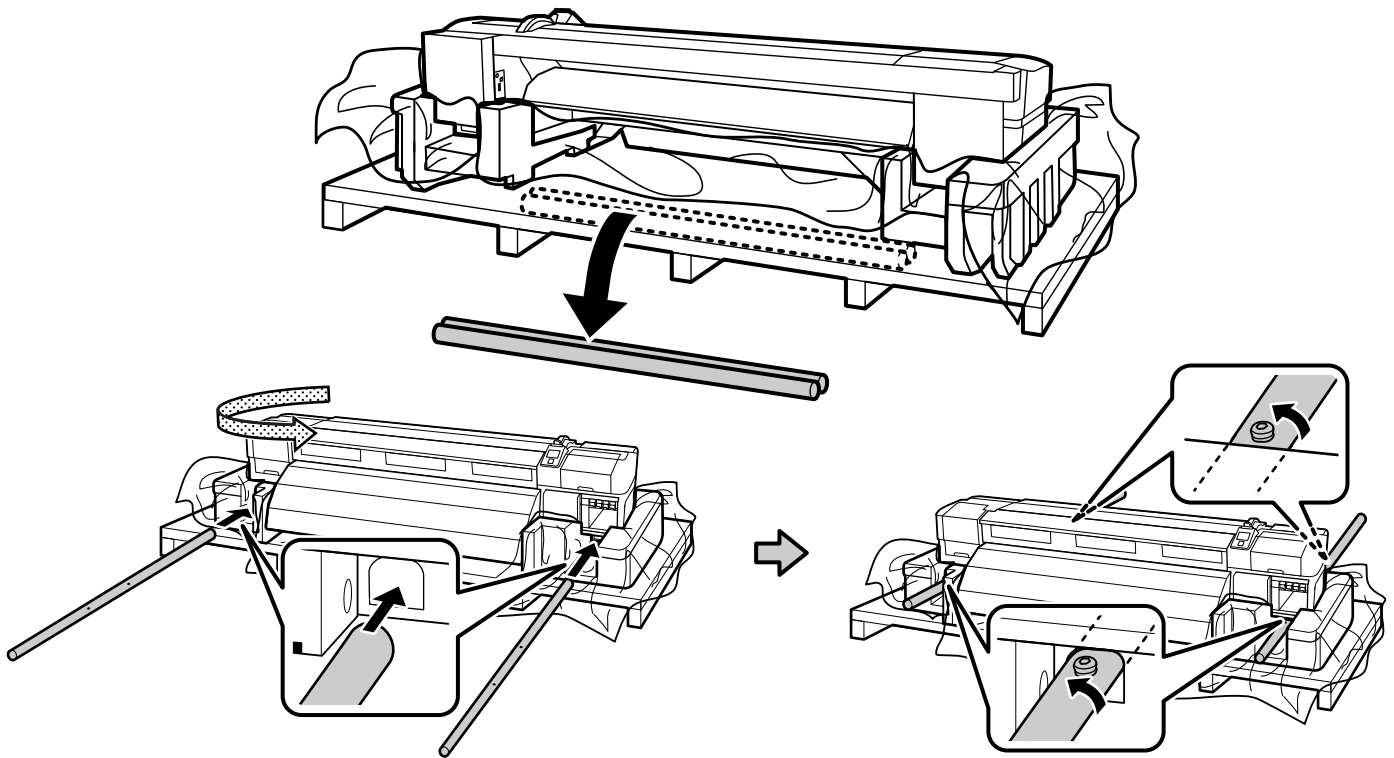
<<Printer>>



Take out the Carrying Bar

Insert the Carrying Bar

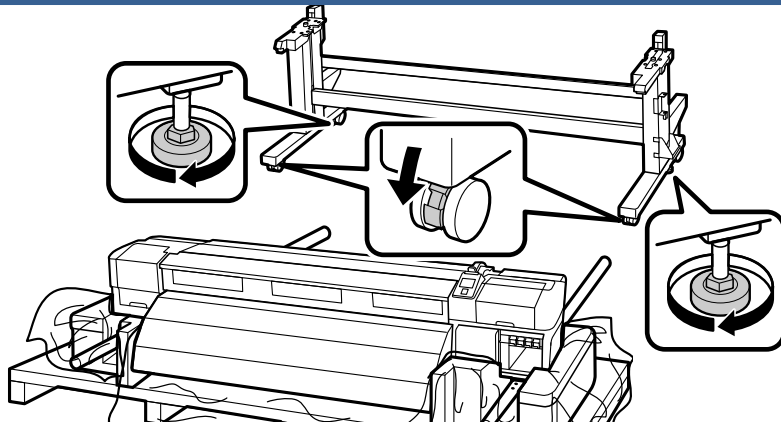
Set the carrying bar for printer to be **between two screws** of the carrying bar, **locate the screws upside**.



Confirm the stand to be fixed.



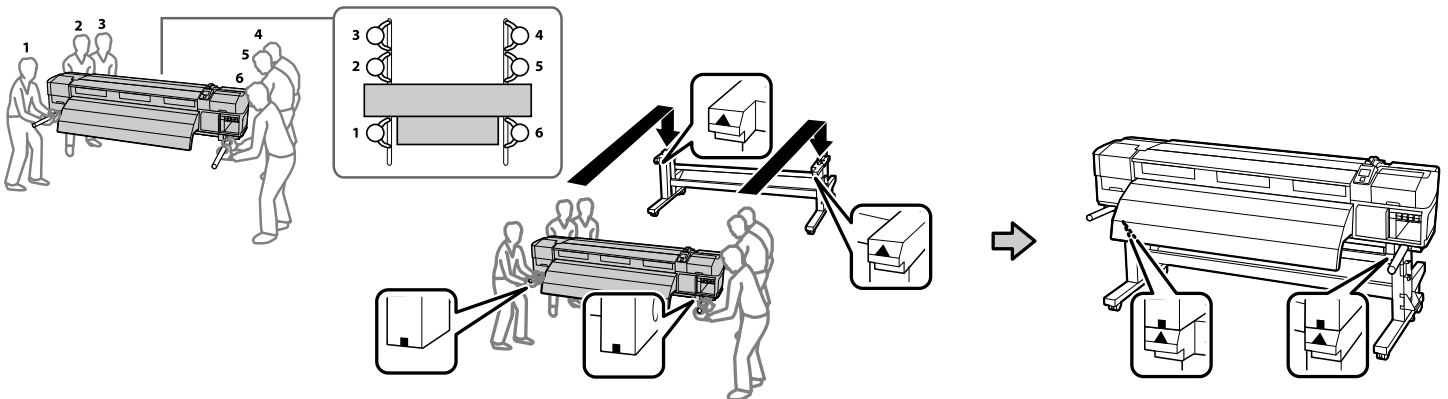
- Before moving the printer, be sure the stand is fixed in place.
- Be sure the casters are **not** floating on floor.



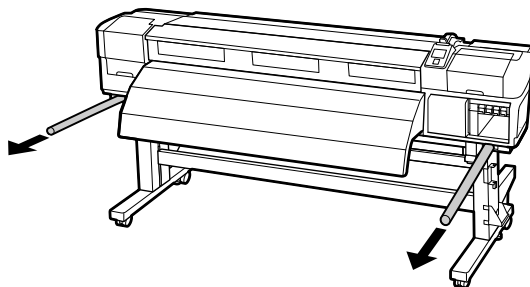
Lift the printer on the stand.



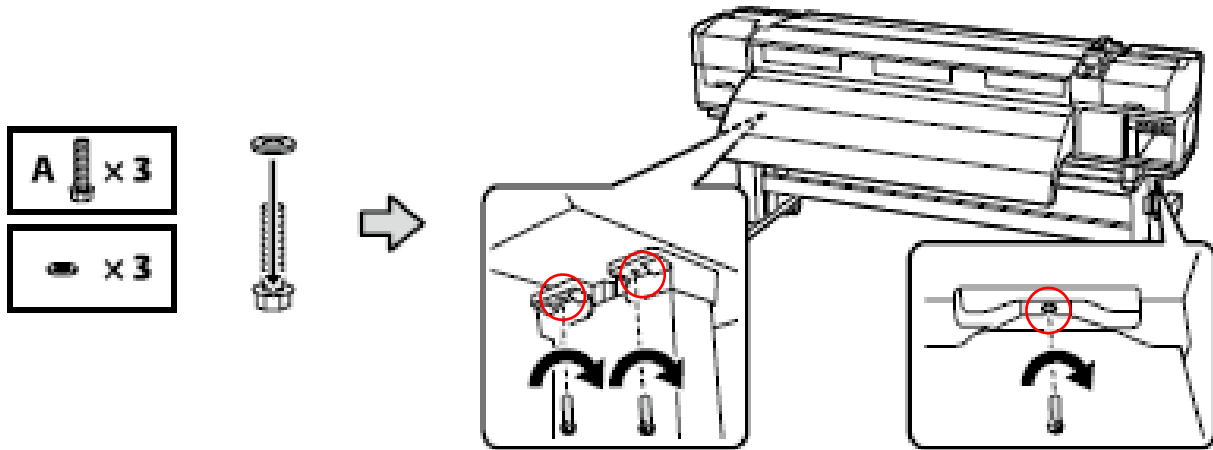
- When carrying the printer, use at least 6 persons.
- Be careful for **Waste Ink Tube not to be sandwiched** when you set Printer on Stand.



Pull out the carrying bar from the printer



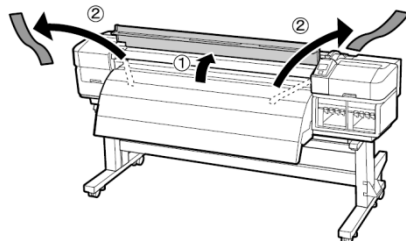
Tighten 3 screws with washer



Peel tapes off as below.  
Open the front cover.



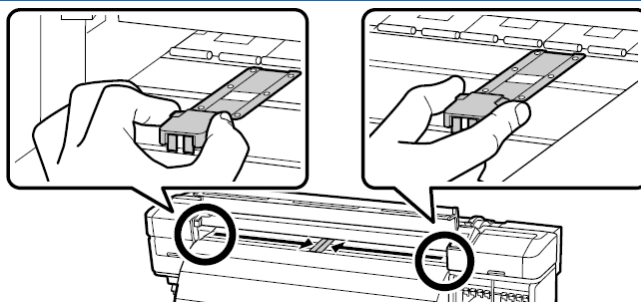
Be careful not to trap your hands or fingers when opening or closing the front cover.



Pressing the tabs on both sides of the media holding plates to center as shown. **Temporarily in the center of the platen before adjustment of parallelism (Reel/Roll/Media Guide bar).**



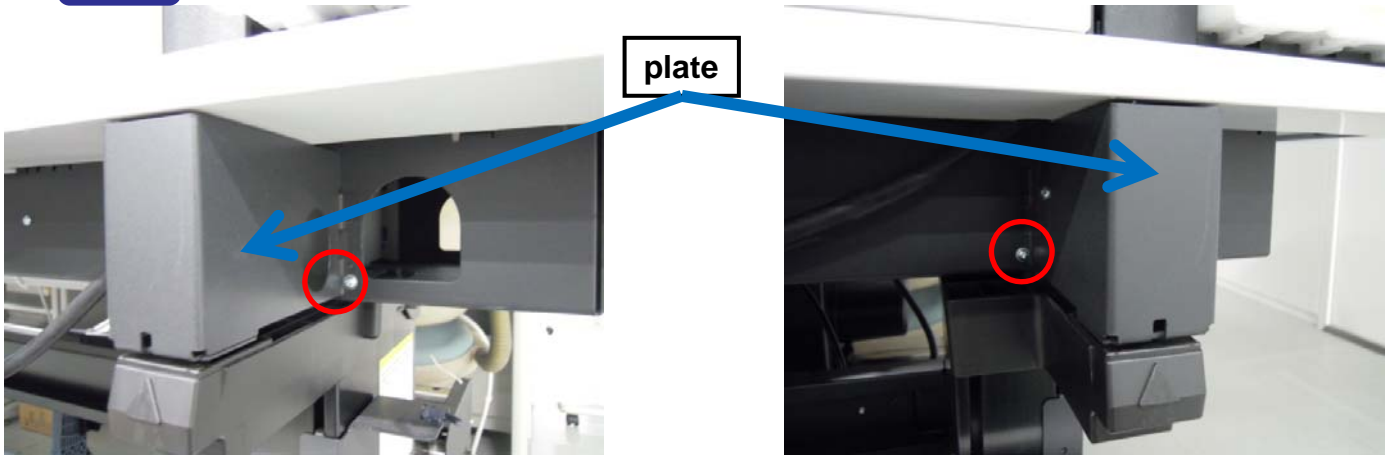
The media holding plate is used when printing on media with a thickness of less than 0.4 mm.



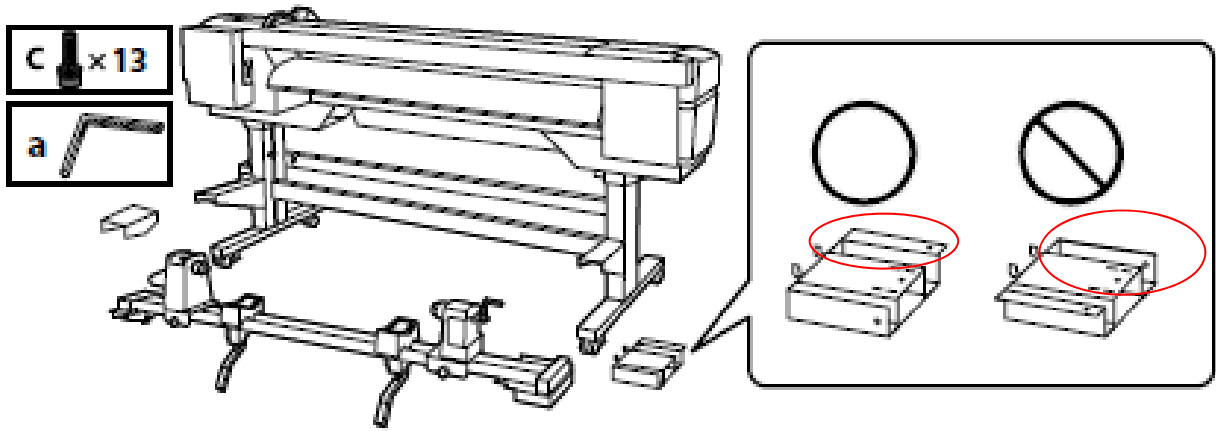
Remove 2screws, and remove the plate below.



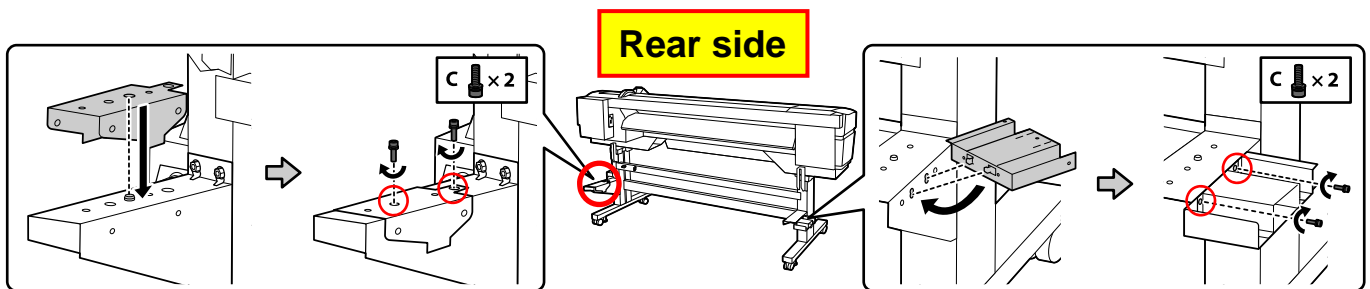
**Dispose 2screws and this plate.**



<<Media Feeding Unit>>



Fix the parts at both sides by tightening screws (total: 4pcs).

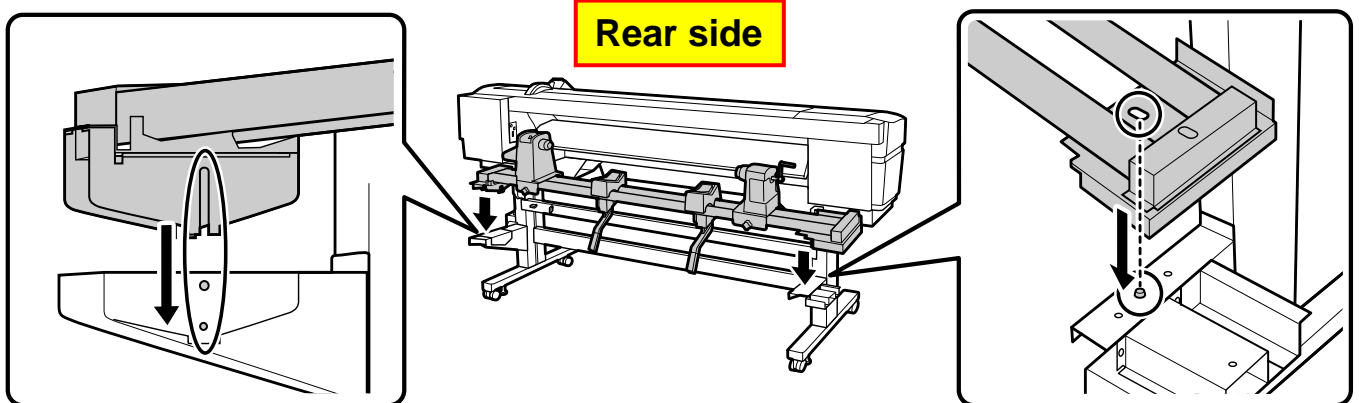
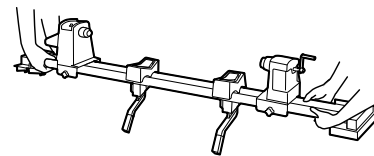


Set the Media Feeding Unit firstly from the left side as below.

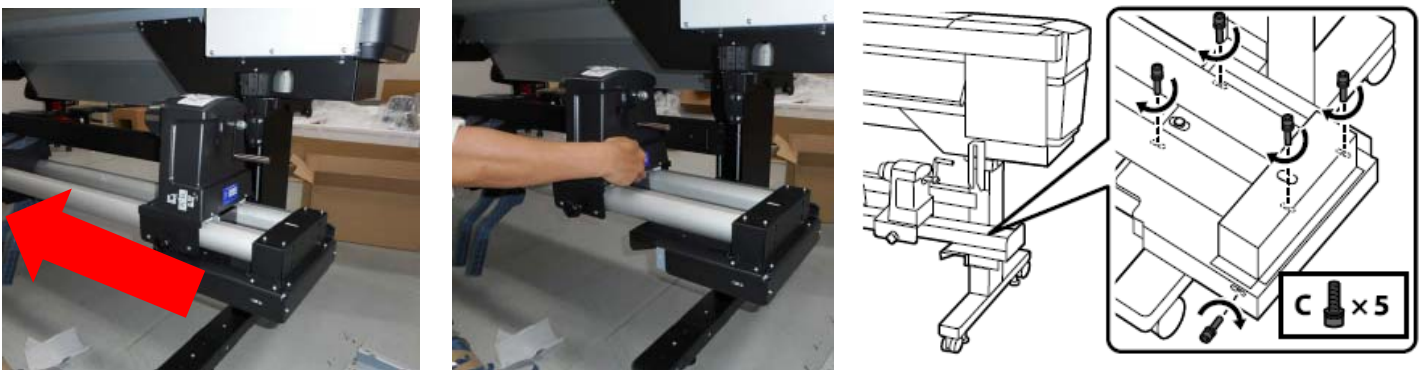
CAUTION



Carry the Media Feeding Unit (approx. 34.3 kg) using 2persons, each holding the 2bars as shown



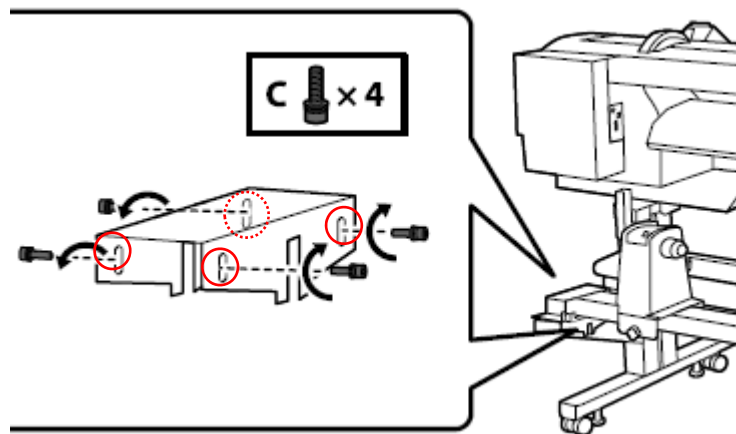
Slide core holder and tighten 5 screws.



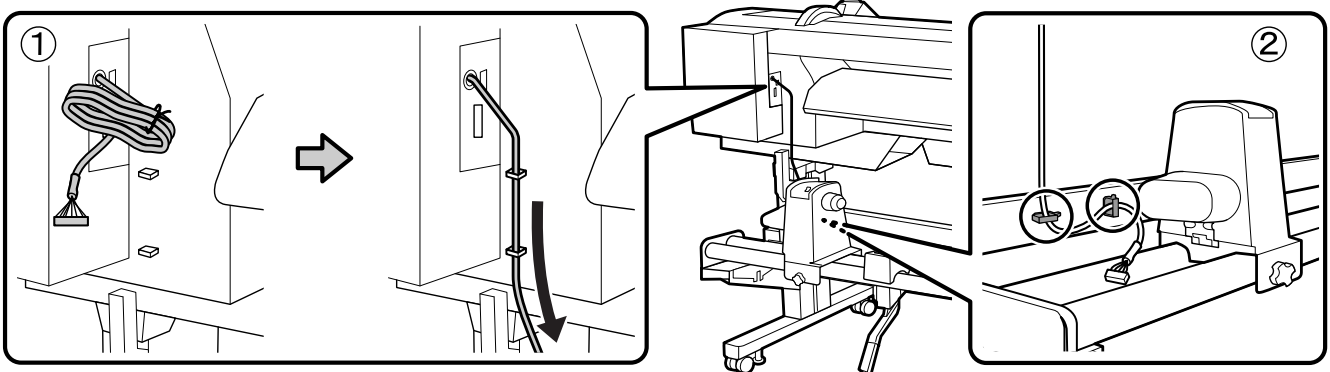
Tighten 4 screws **temporarily** until parallel adjustment is completed.



**Temporarily tighten (Only home side)**

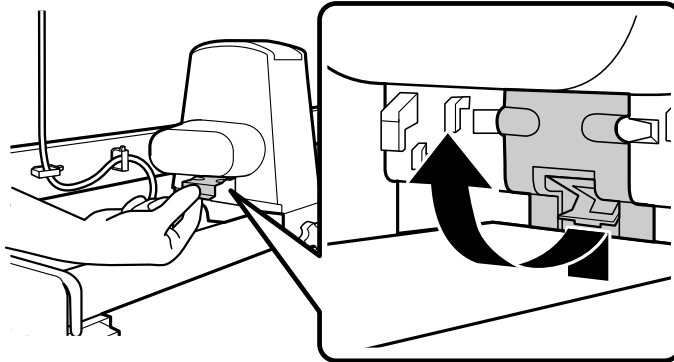


Set cable by clamps

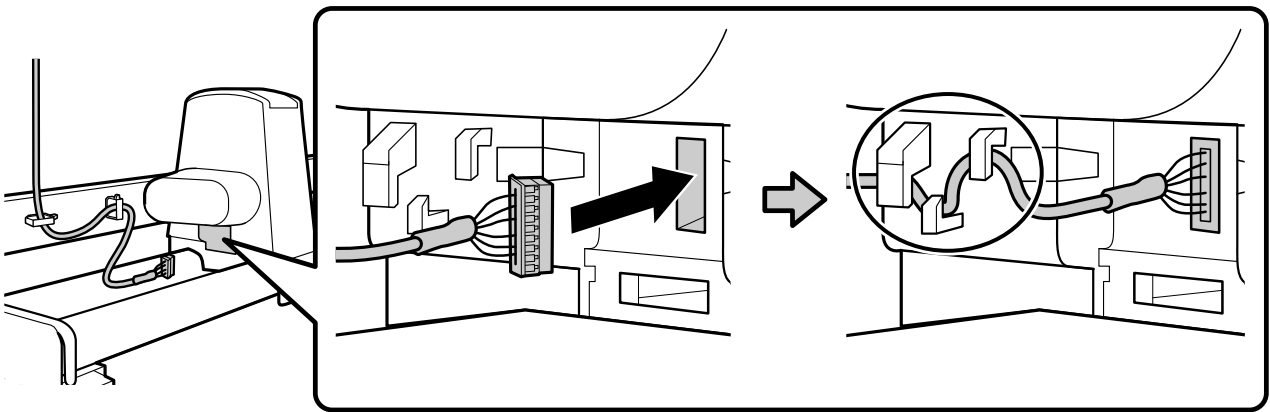




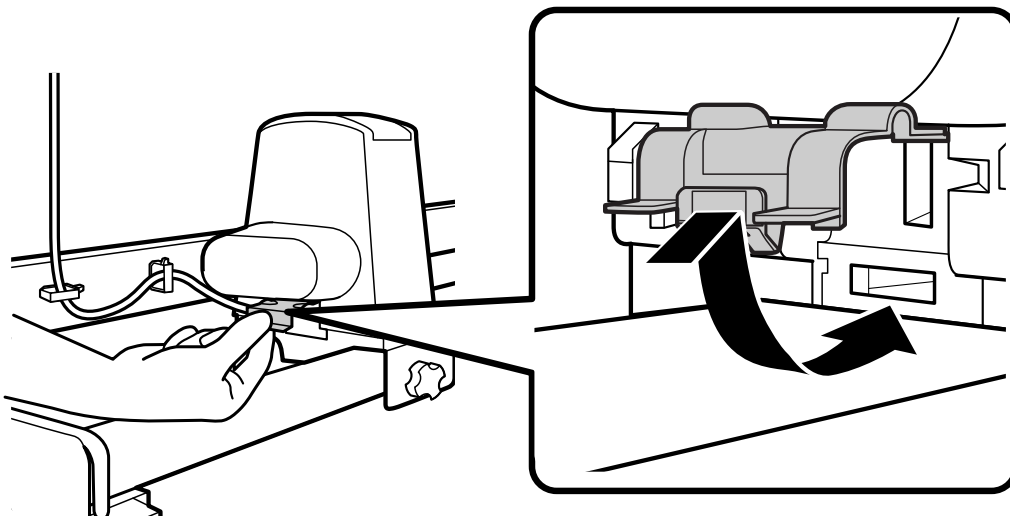
Open the cover.



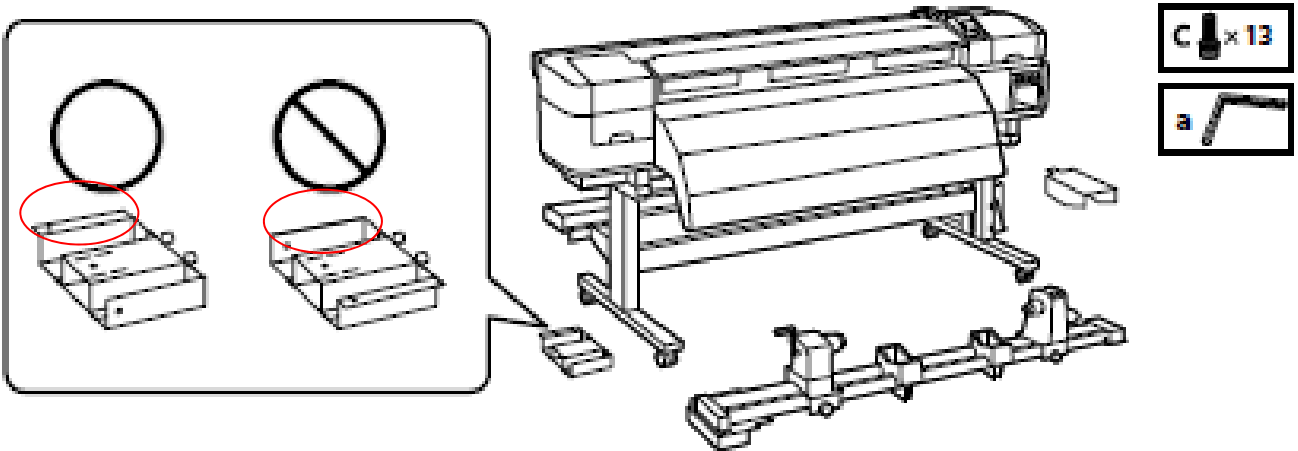
Plug the connector.  
Set the cable by clamps.



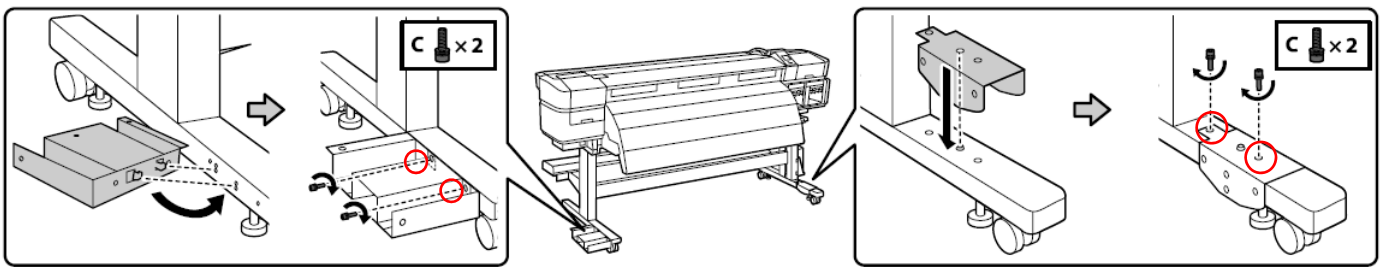
Close the cover



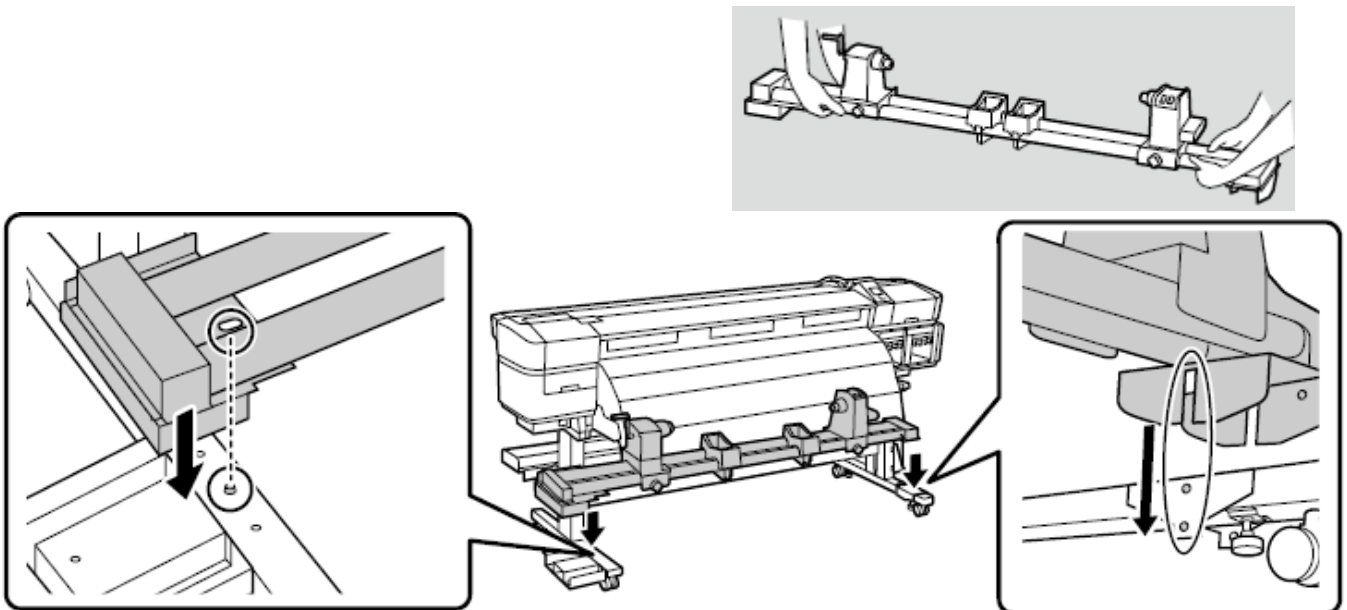
<<Auto Take-up Reel Unit>>



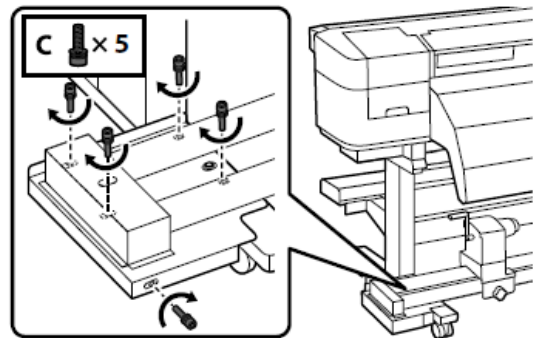
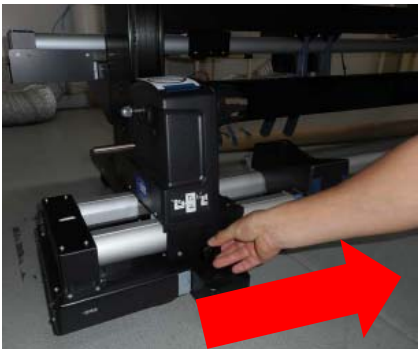
Tighten each 2screws (total: 4pcs).



Set Reel Unit.



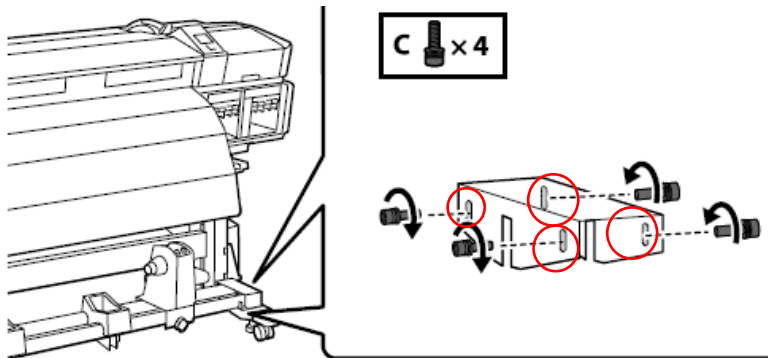
Slide core holder and tighten 5 screws.



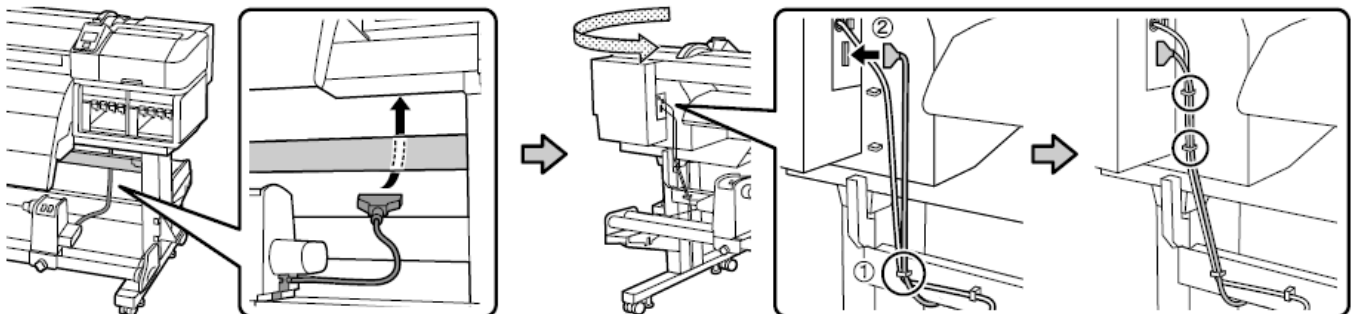
Tighten 4 screws **temporarily** until parallel adjustment is completed.



**Temporarily tighten (Only home side)**

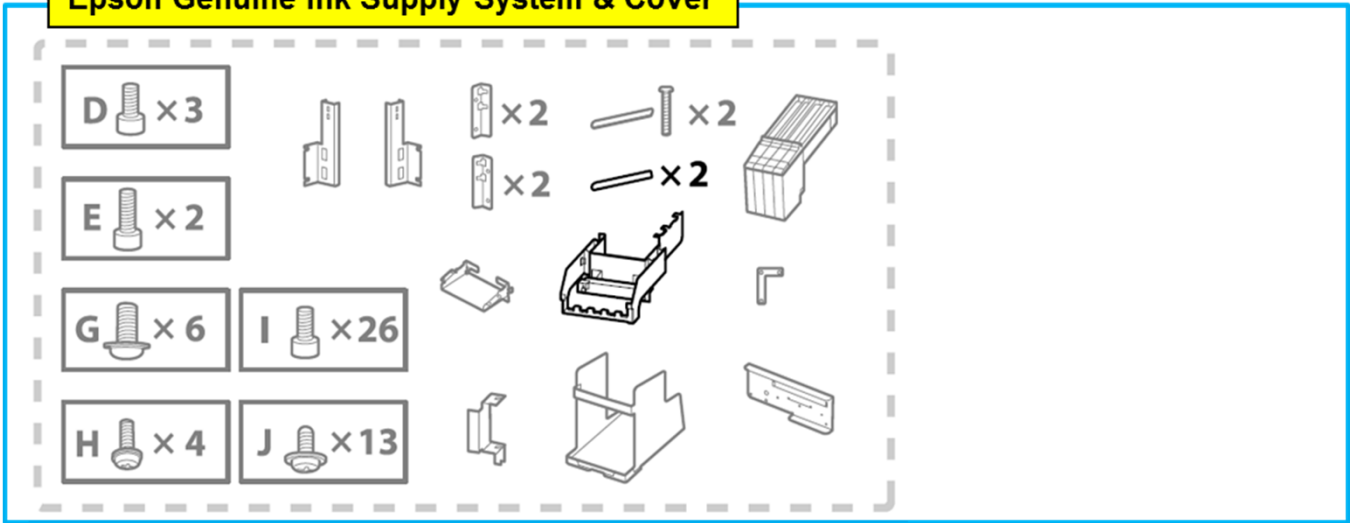


Set the cable through the bottom clamp behind the printer.  
 Plug the connector, fix it by 2 screws.  
 Set the cable by 3 clamps.



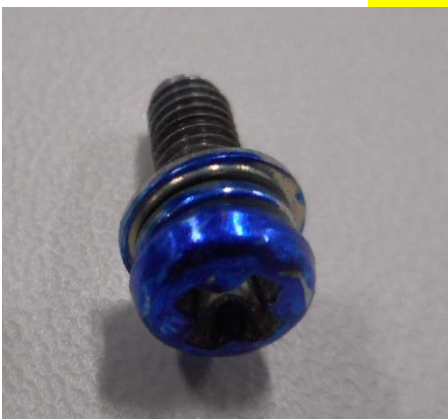
## 2.7 Stand / Ink Tank / Waste Ink Tube / Waste Tank

### Epson Genuine Ink Supply System & Cover



- Silver ones : 2pcs
- Blue ones : 2pcs

You can use both **Blue ones** below.



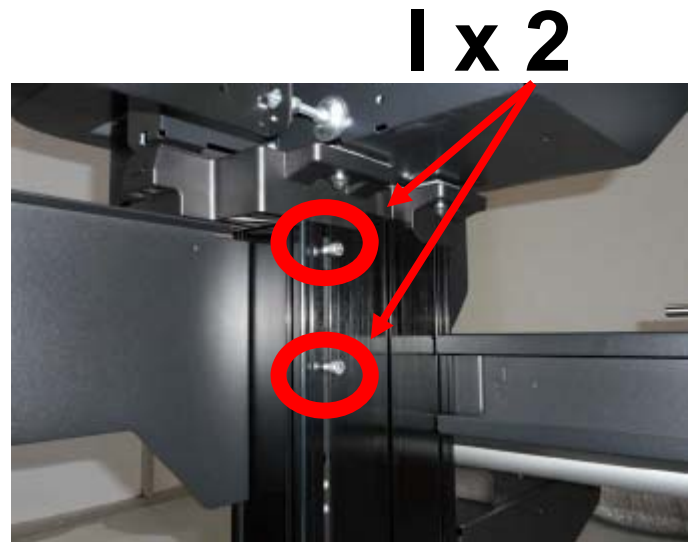
After 100units,  
This screws will be changed  
(Running change)



First around 100units for MP  
(applied by **Blue marker**)

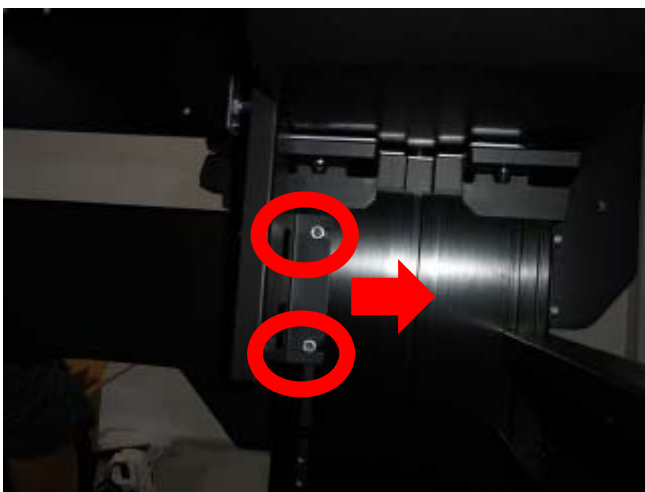
Attach 6pcs plates for strengthen stand  
 (1) Full and Front side (1pcs)

1. Make sure 2 holes are bigger.
2. Tighten 2 screws temporarily.



**Temporarily tighten**

3. Slide the plate & tighten 2 screws.
4. Tighten 2 more screws on front side.



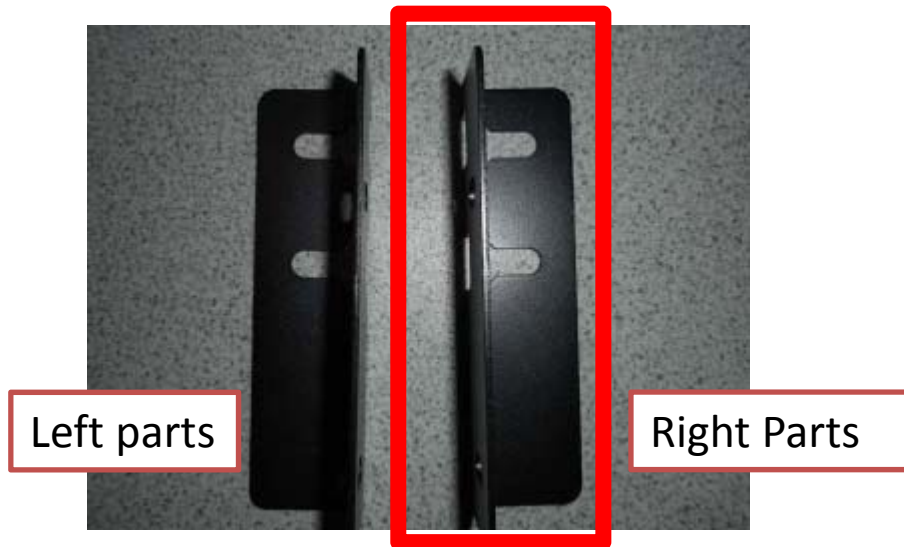
**Tighten**



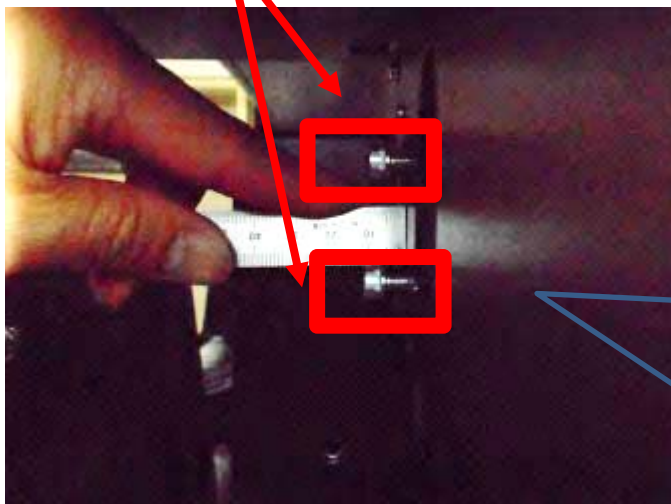
**1 x 2**

Attach 6pcs plates for strengthen stand  
 (2) Full and Rear side (2pcs)

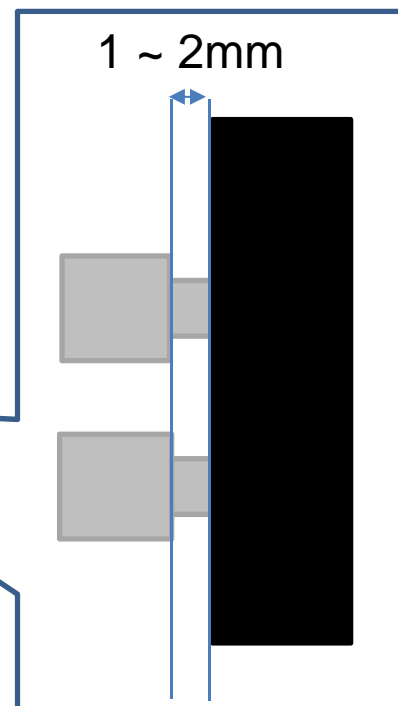
1. Make sure "left parts" and "right parts".
2. Tighten 2 screws temporarily to keep 1 ~ 2 mm distance.



**1 x 2**

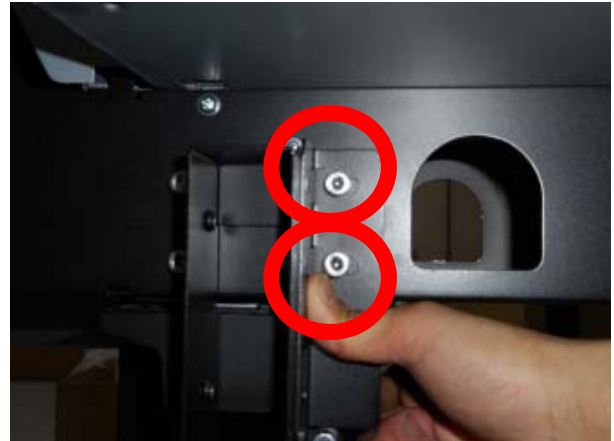


**Temporarily tighten**



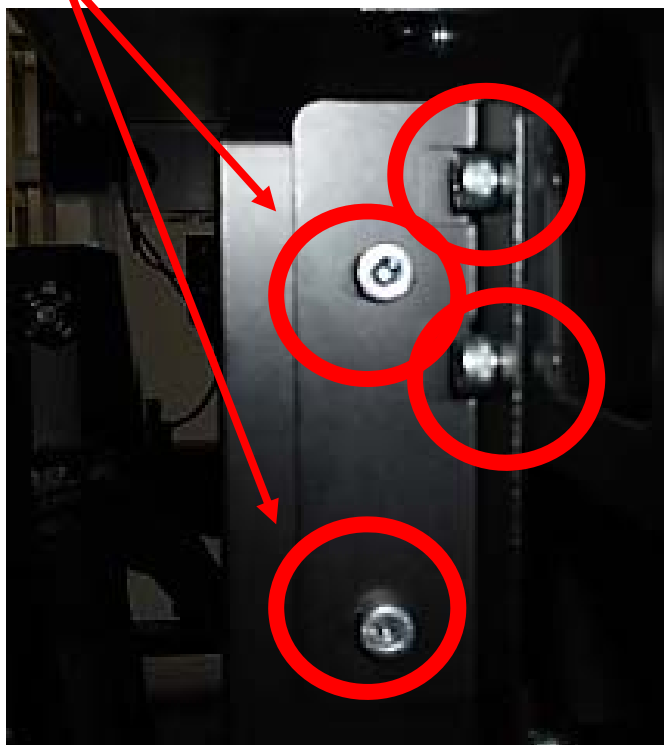
Attach 6pcs plates for strengthen stand  
(2) Full and Rear side (2pcs)

3. Slide the plate and tighten 2 screws temporarily.
4. Tighten 4 screws.



**1 x 2**

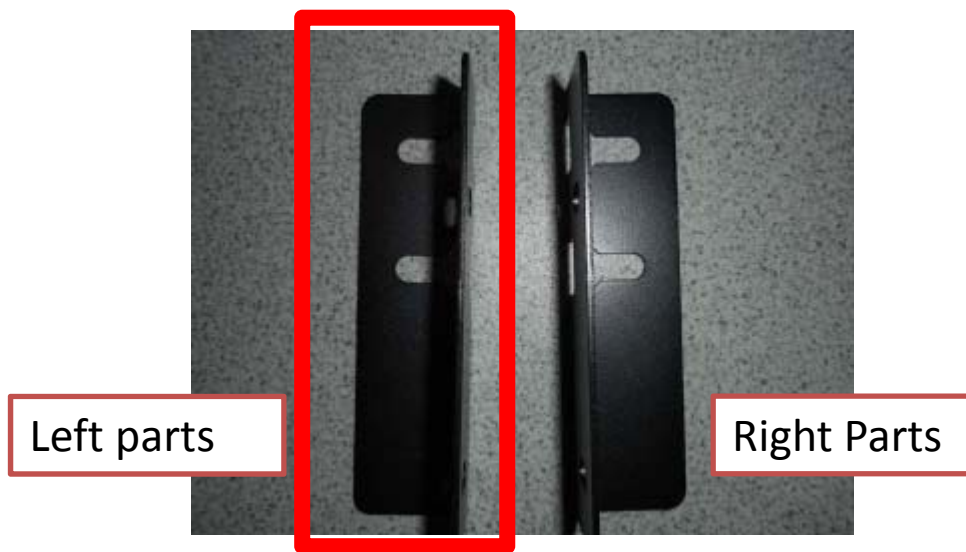
**Temporarily tighten**



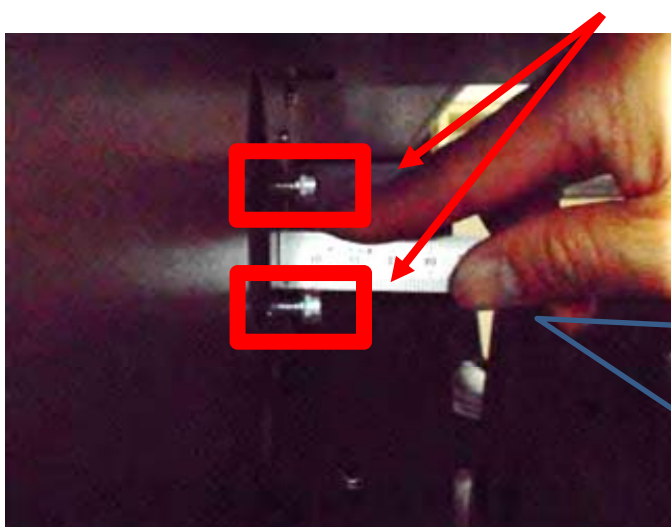
**Tighten 4 screws**

Attach 6pcs plates for strengthen stand  
 (2) Full and Rear side (2pcs)

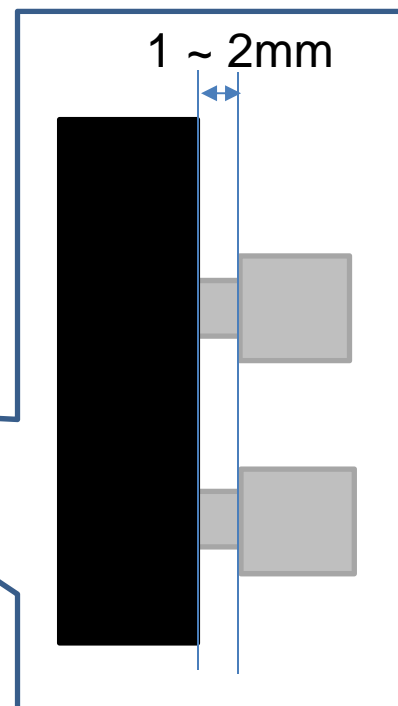
1. Make sure “left parts” and “right parts”.
2. Tighten 2 screws temporarily to keep 1 ~ 2 mm distance.



**1 x 2**



**Temporarily tighten**



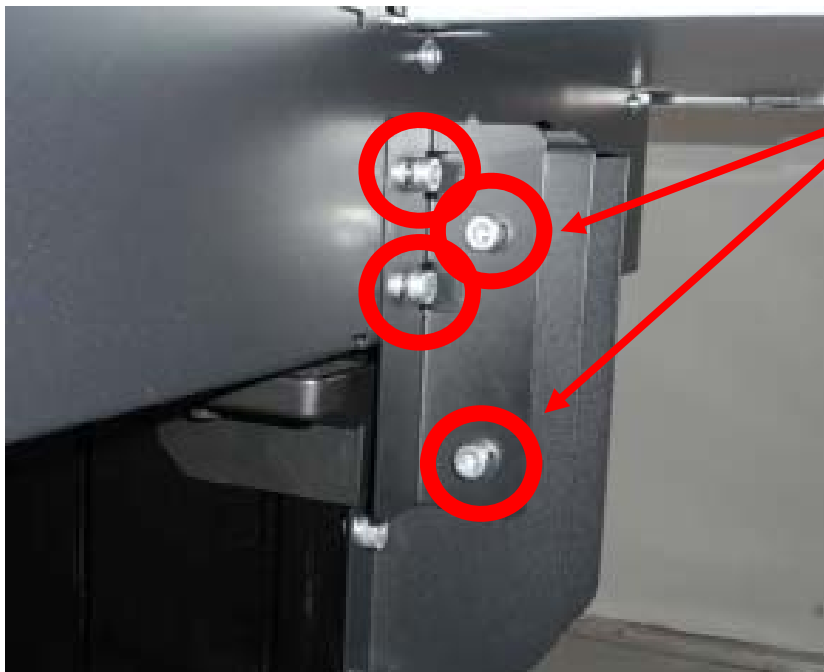


Attach 6pcs plates for strengthen stand  
(2) Full and Rear side (2pcs)

3. Slide the plate and tighten 2 screws temporarily.
4. Tighten 4 screws.



**Temporarily tighten**



**1 x 2**

**Tighten 4 screws**

Attach 6pcs plates for strengthen stand  
(3) Home and Rear side (2pcs)

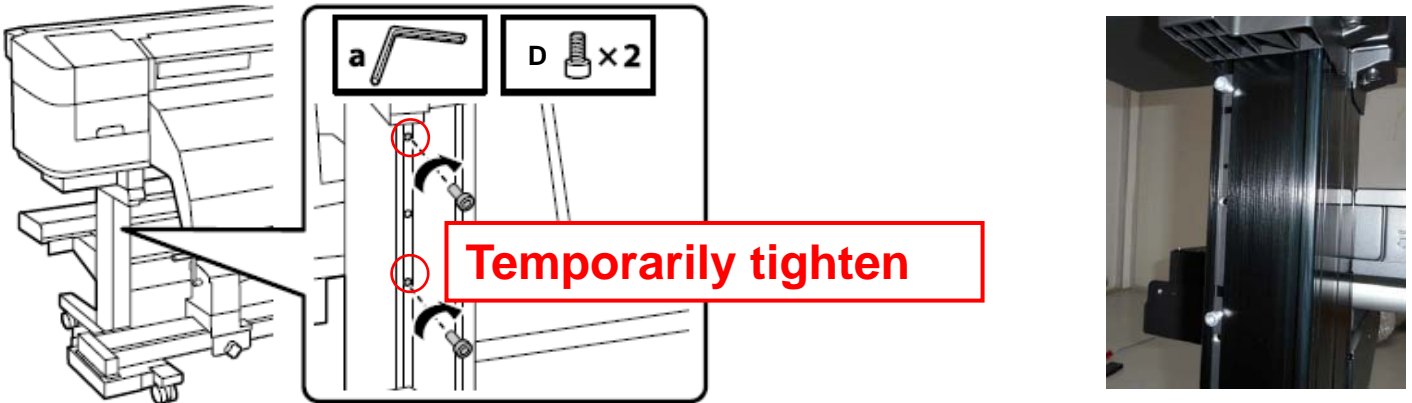
1. As the same as (3) Full and Rear side (2pcs)
2. Tighten total 8 screws.



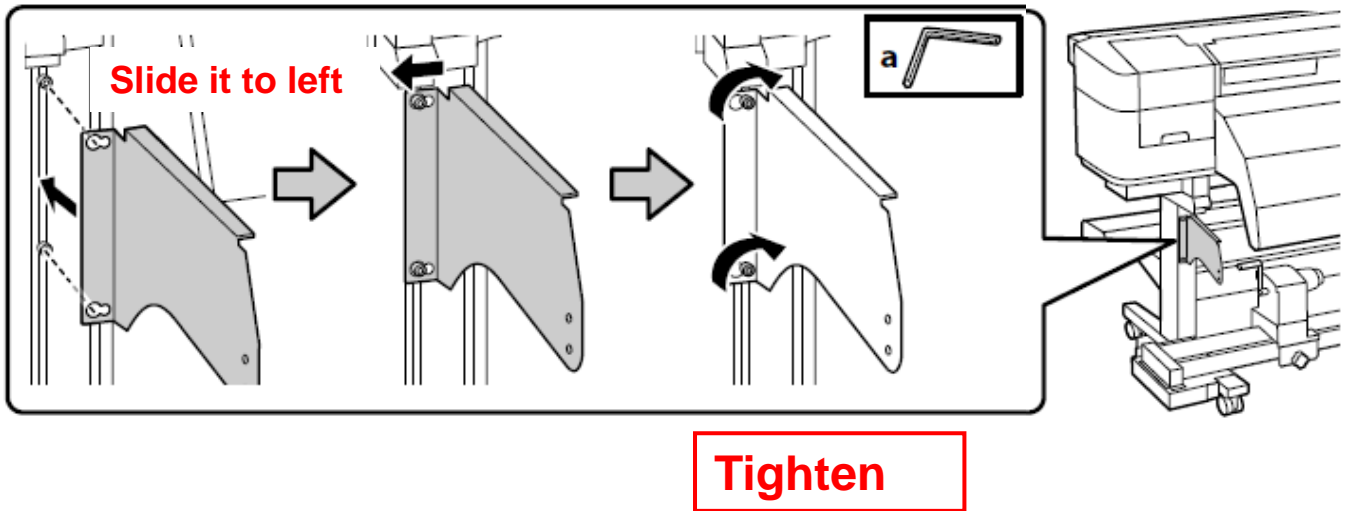
**1 x 8**

<<Media Guide Bar(Only 2 flames for left and right)>>

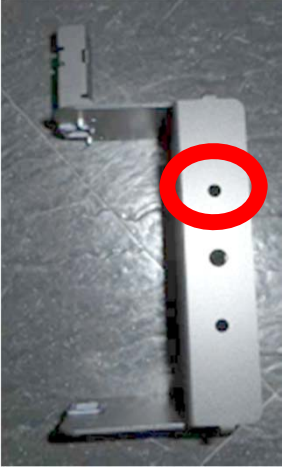
Tighten 2 screws **temporarily**.



Position the part on the stand, and slide it to left.  
Tighten 2screws.



1. Hook the plate and Tighten 1 screw temporarily.



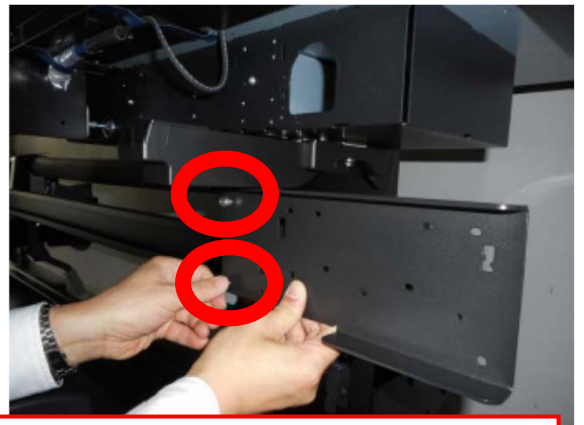
**Temporarily tighten**

**G x 1**

2. Align the plate on the L-shape spacer.  
3. Tighten 2 screws temporarily.



**L-shape  
spacer**



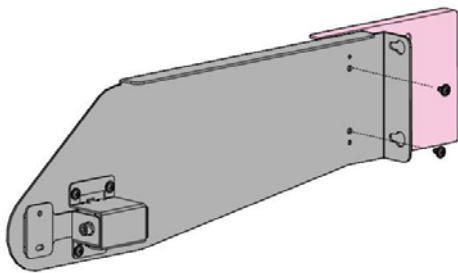
**Temporarily tighten**

**E x 2**

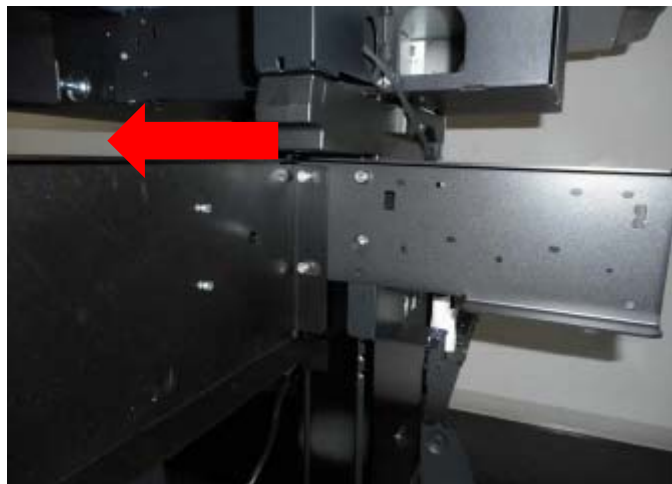
- 4. Tighten 1 more screw temporarily.
- 5. Set 1 more plate and slide to left.
- 6. Tighten 1 more screw temporarily.



**1 x 1**



It was already assembled at factory.



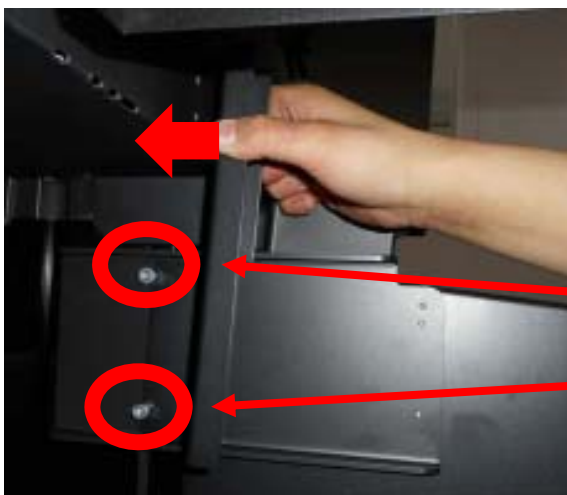
**1 x 1**

Attach 6pcs plates for strengthen stand  
 (4) Home and Front side (1pcs)

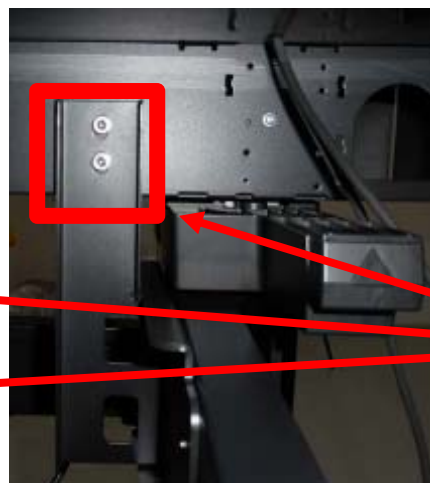
1. Make sure 2 holes are smaller



2. Tighten 2 screws temporarily and slide the plate to fix onto the stand.
3. Tighten 2 more screws on front side temporarily.



**Temporarily tighten**



**Temporarily tighten**

**1 x 4**

Attach 6pcs plates for strengthen stand  
(4) Home and Front side (1pcs)

4. Tighten 1 more screws temporarily.



**D x 1**

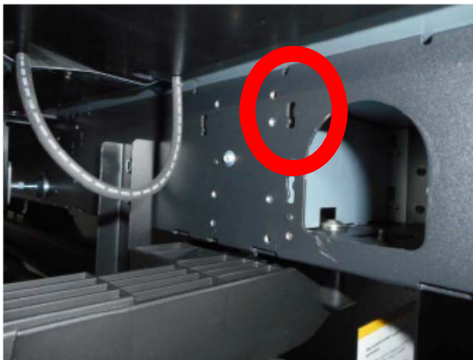
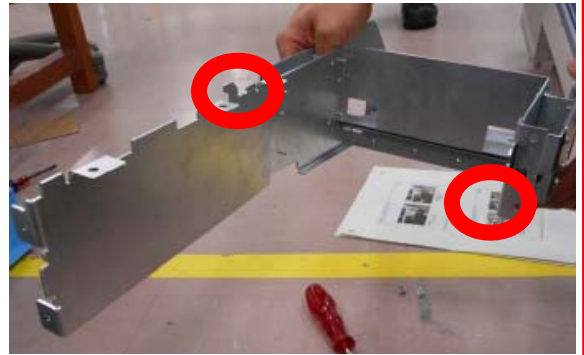
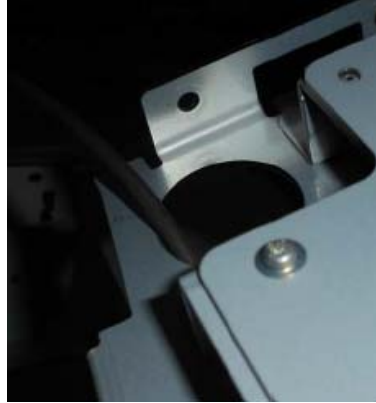
**Temporarily tighten**

5. Tighten all temporarily tightened screws. (Total : 10 pcs)  
<<From page28 to page30>>

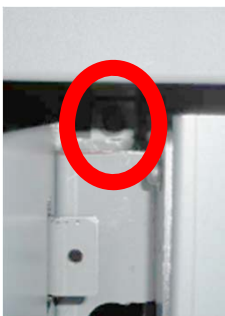
\*\* Media guide bar : 5pcs (E X 2 / G X 1 / I X 2)

\*\* Strengthen parts: 5 pcs (D X 1 / I X 4)

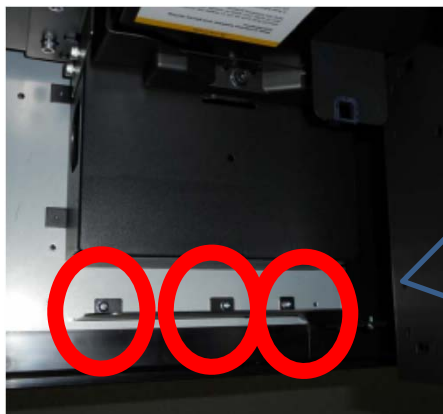
1. Pass the tube and Hook the plate to fix as below.  
(2 hooks)



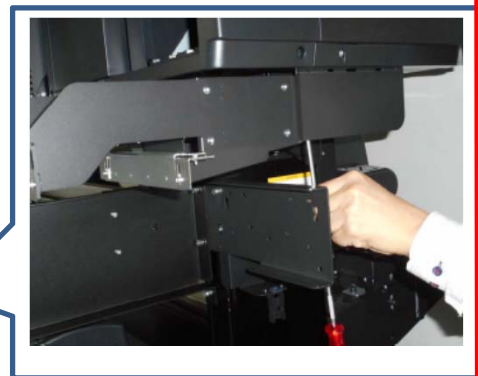
2. Tighten 5 screws.



**Left Side of  
The plate**



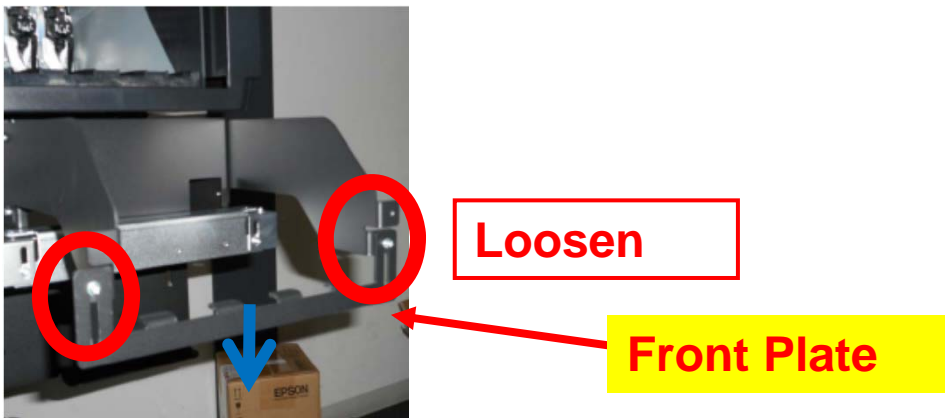
**Bottom Side of  
The plate**



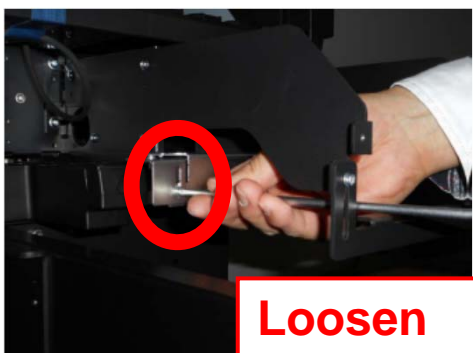
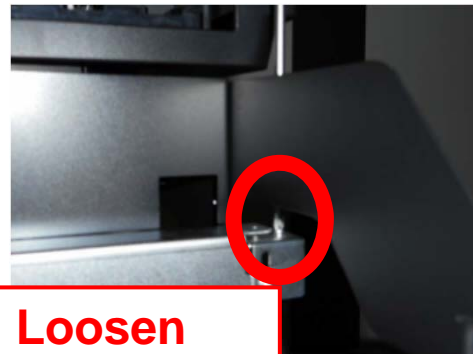
**G x 5**



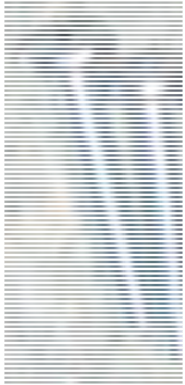
1. Loosen 2 screws and make sure Front Plate is low.



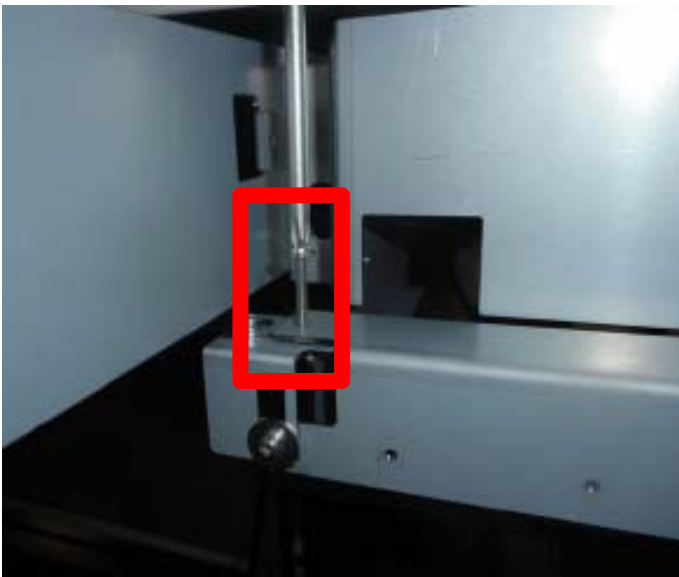
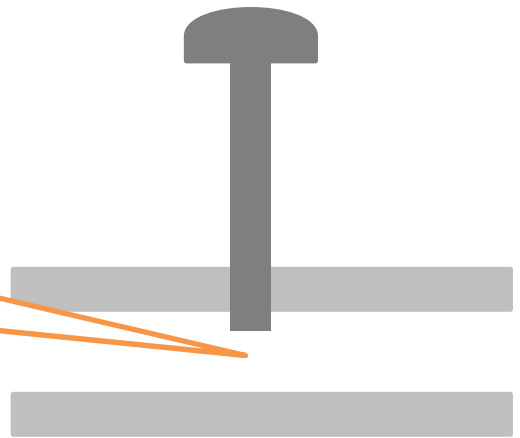
2. Loosen 4 screws and Make sure the plates to be able to move up/low and left/right..



1. Tighten 2 long screws temporarily.



**Not to touch**

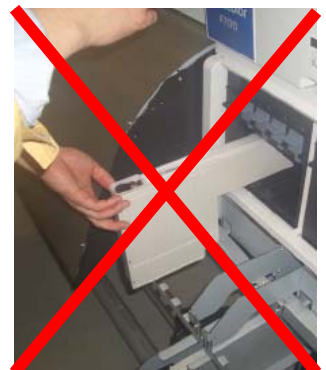
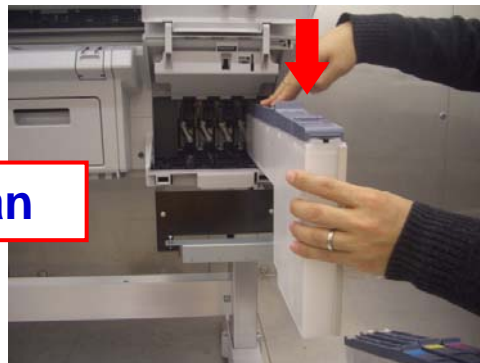
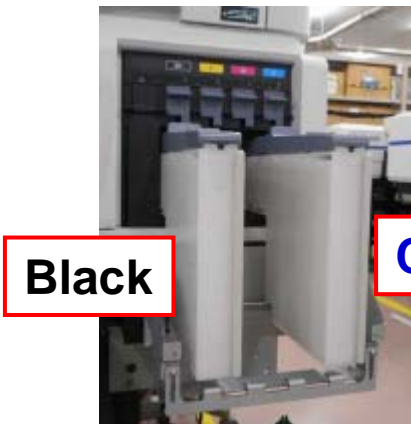


**Temporarily tighten**

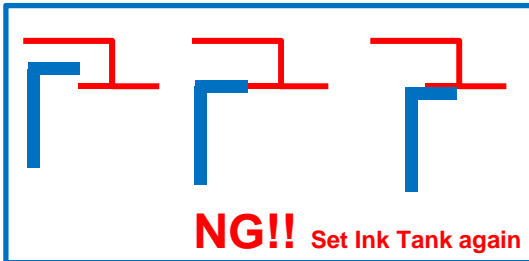
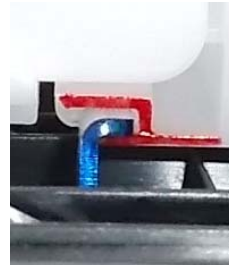


**Temporarily tighten**

1. Make sure the color index on the plate.
  2. Put each CSIC on each slider.
  3. Set only Cyan and Black Ink Tanks into Ink Holder as the same order as the color index.
- \*\*\*\*Set the tank with **Chip/Slider** during **pushing slider**.



Set to fit between cut position of Ink Tank and hook of Ink Holder.  
**Please do NOT be down all levers before adjustment tank height.**



Tighten 2 **Blue screws** temporarily.

No need to fix the tank.

**H x 2 (Blue screws)**

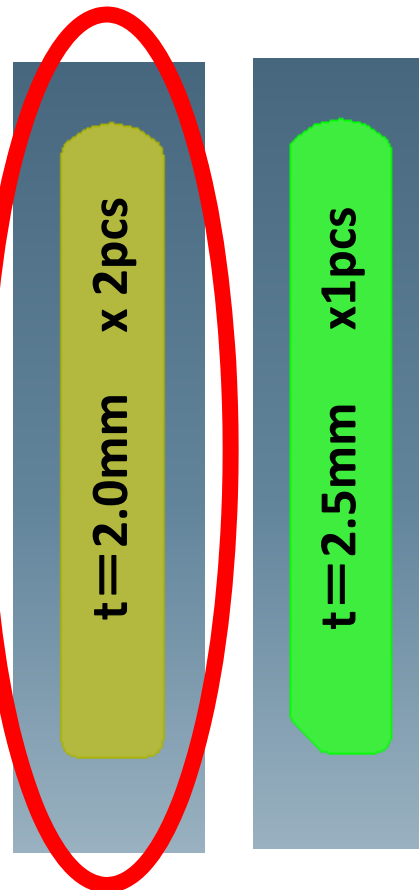
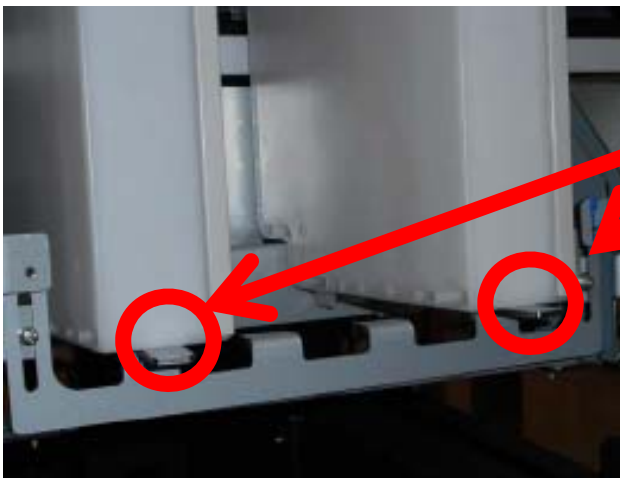
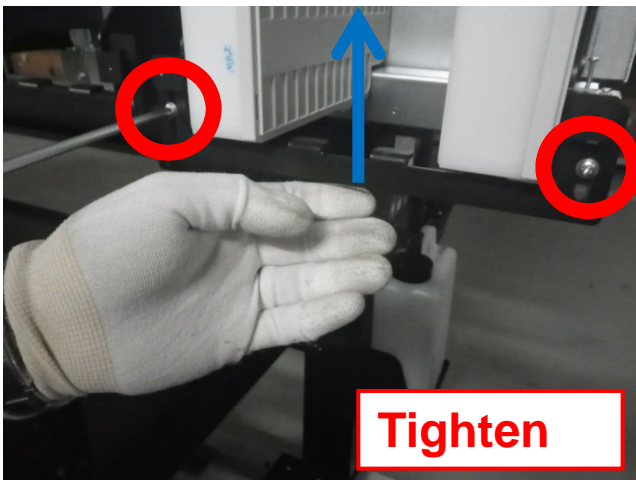


Temporarily Tighten



Temporarily Tighten

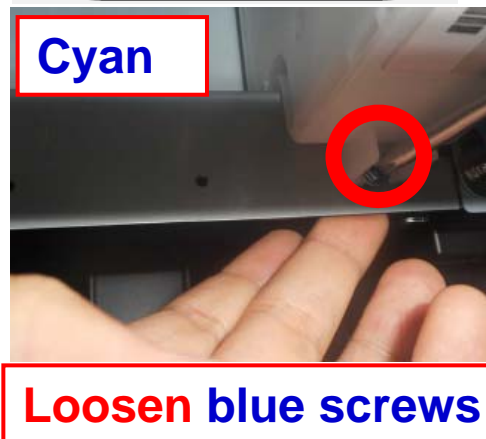
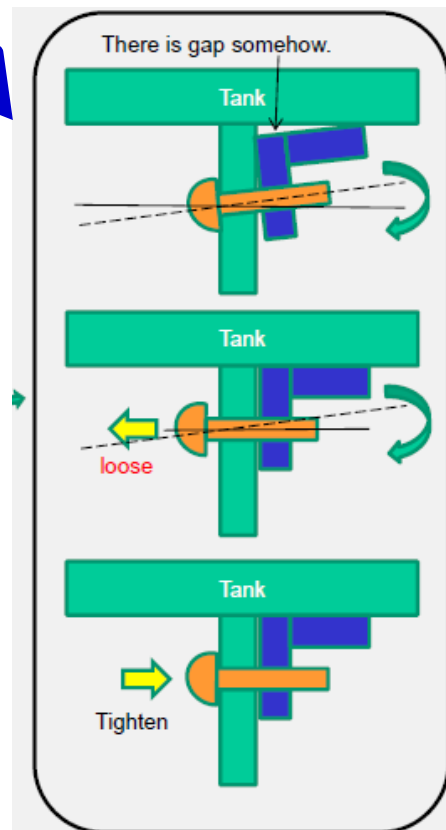
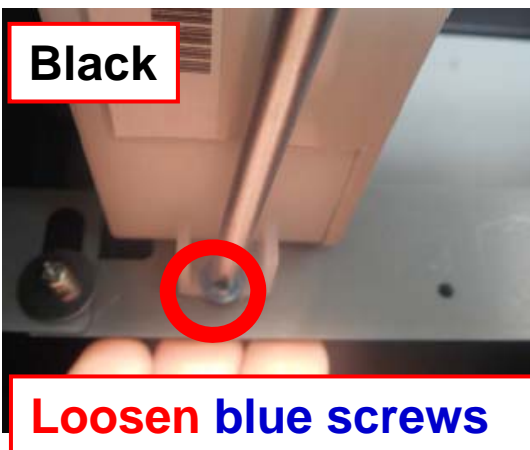
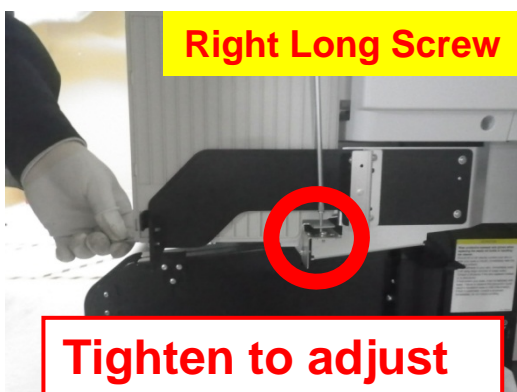
1. Raise the plate softly and Tighten 2 screws.
2. Insert 2 pcs thickness-gauges(2.0mm) with raising the tanks at 2 locations(Black and Cyan).
3. Tighten 2 **Blue screws** to fix the tanks(only Black&Cyan).



<< Rough Height Adjustment >>

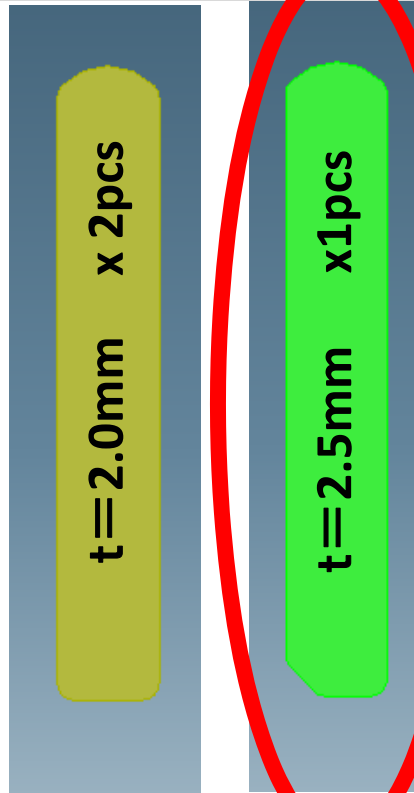
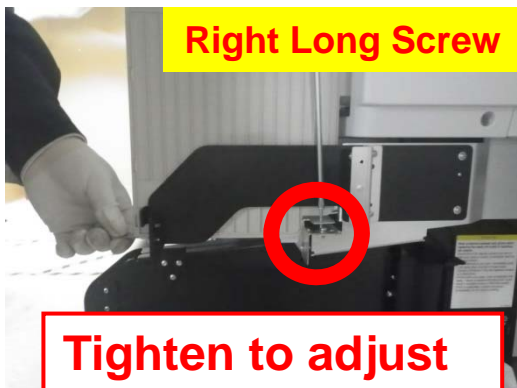
1. Tighten Right Long Screw until the 2pcs thickness(2.0mm) gauges can be moved **smoothly** at 2 locations(Black and Cyan).
2. Tighten Left Long Screw as the same as the right one.
3. Loosen 2 **Blue screws**.

**\*\*The reason why to loosen 2 Blue screws**



<< Detail Height Adjustment >>

1. Tighten Right Long Screw until the 2pcs thickness gauges(2.0mm) can be moved **smoothly, AGAIN** at 2 locations(Black and Cyan).
2. Tighten Left Long Screw as the same as the right one.
3. Make sure the thickness gauge(**2.5mm**) **can't be passed** at 2 locations(Black and Cyan).



1. Set the other tanks(Yellow and Magenta).
2. Tighten 4 screws to fix the tanks..  
(Yellow => Magenta => Cyan => Black)

**H x 2****Tighten to fix  
1. Yellow****Tighten to fix  
2. Magenta****Tighten to fix  
3. Cyan****Tighten to fix  
4. Black**



1. Make sure thickness-gauge(2.0mm) can be passed and thickness-gauge(2.5mm) can't be passed **Again** at 2 locations(Black and Cyan).



**2.0mm => Can be Passed**  
**2.5mm => Can't be Passed**

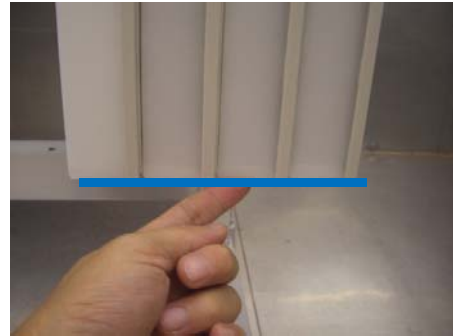
t=2.0mm x 2pcs

t=2.5mm x 1pcs

Check the vertical position of Ink Tank.



If it is **not** enough to hold/insert the Ink Tank, please set this Ink Tank again.



**OK!!**



**NG!!** Set Ink Tank again

Check the front and rear position of Ink Tank.



If it is **not** enough to hold/insert the Ink Tank, please set this Ink Tank again.



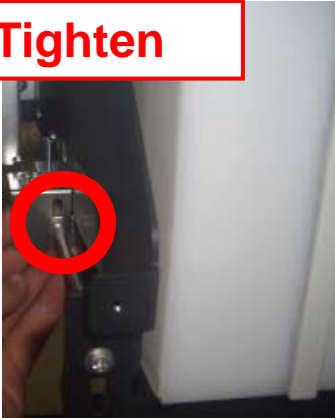
**NG!!** Set Ink Tank again



**OK!!**

1. Tighten 2 screws.
2. **Push 4 tanks softly** by hand.
3. Tighten 2 more screws **without pushing** by hand.

**Tighten**



**Tighten**

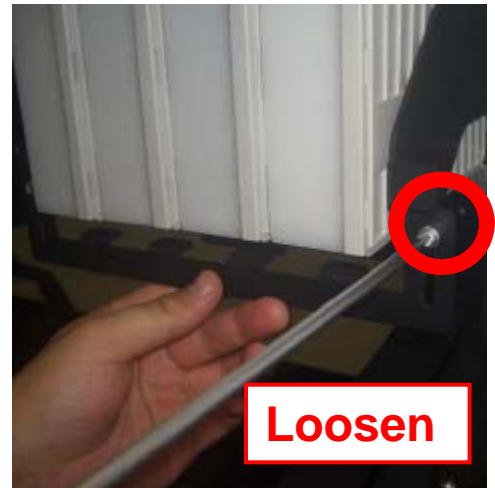
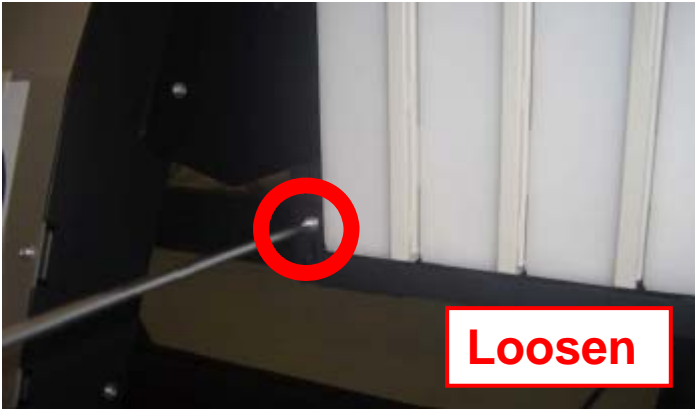


**Tighten**



**Tighten**

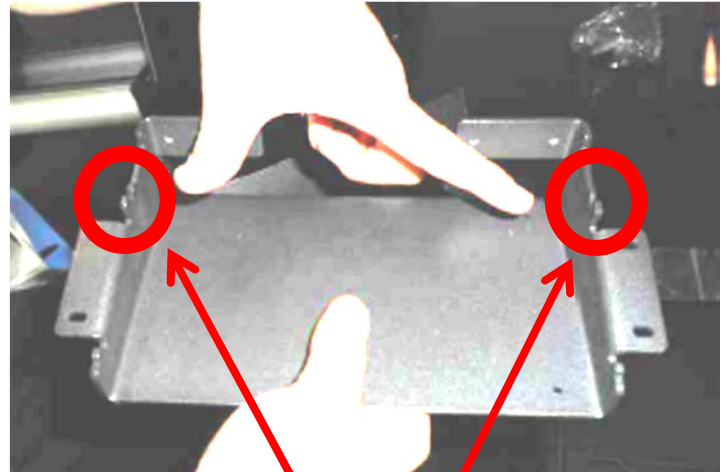
1. Loosen 2 screws, **again**.
2. Tighten 2 screws with rising the plate **softly**.
3. Lock down all levers.



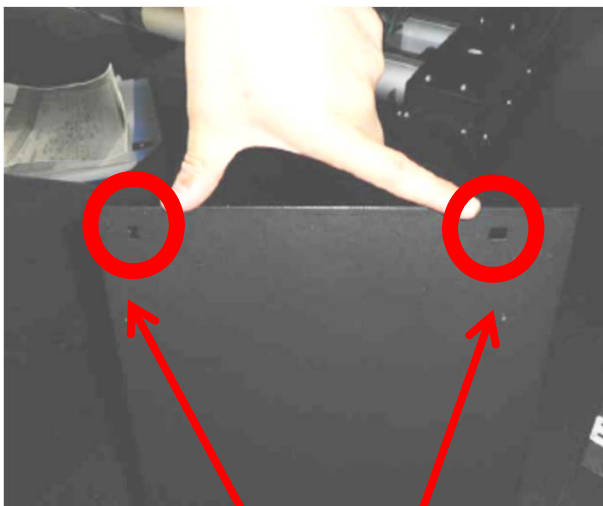
1. Turn back the tank guard plate and hook the plate into the holes of tank guard plate. (2 hooks)
2. Tighten 4 screws.



**Tank guard plate  
(Top side)**



**2 hooks**



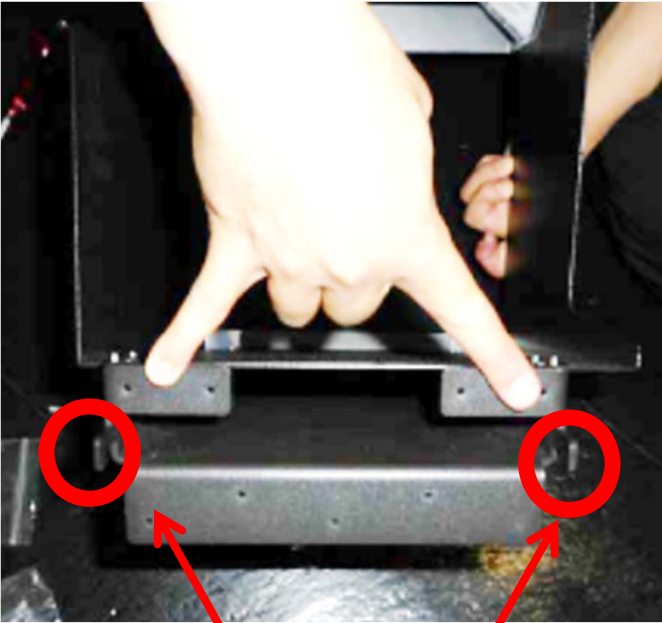
**2 holes**

**Tank guard plate  
(Back side)**

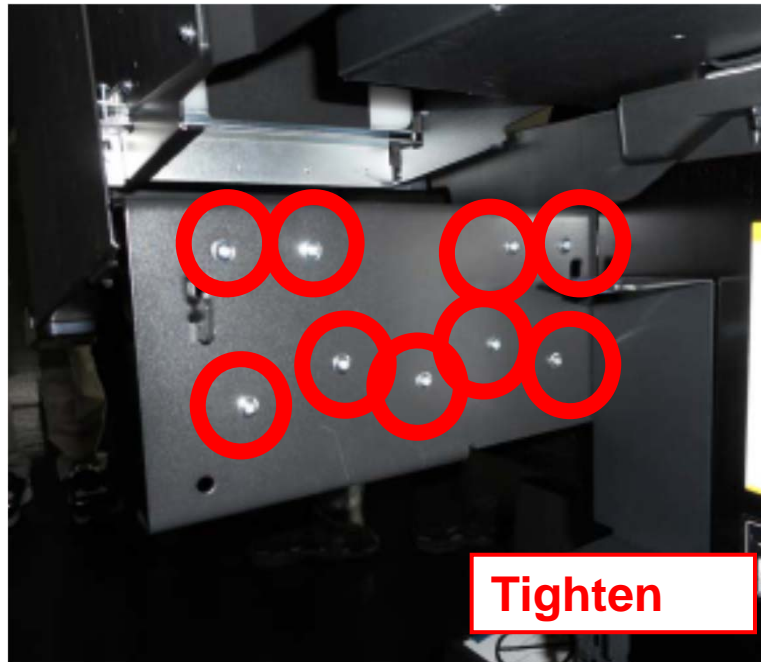


**J x 4**

1. Hook the plate into the holes of fix.
2. Tighten 9 screws.



**2 hooks**



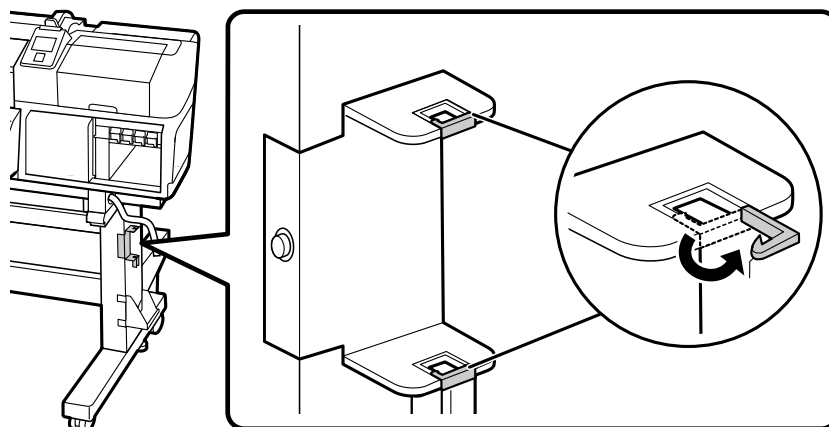
**Tighten**

**J x 9**

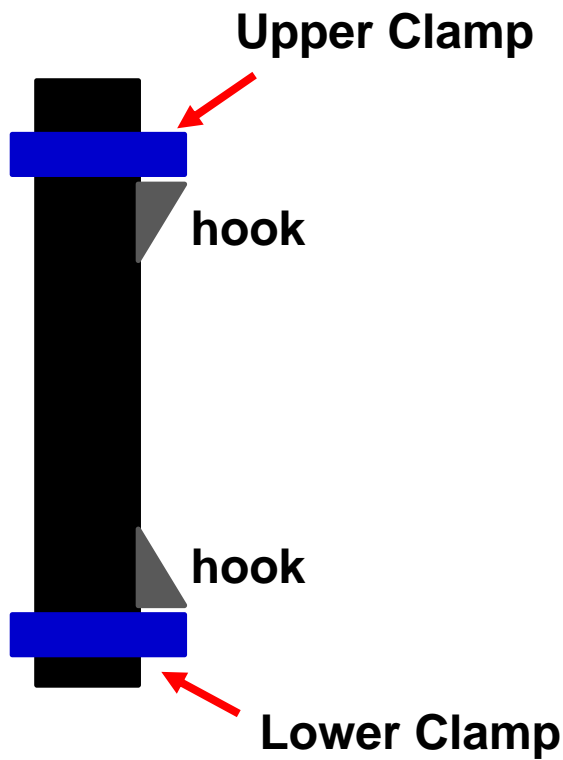
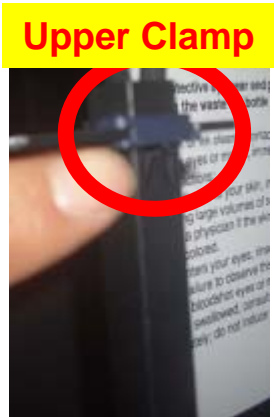
Peel off the tapes on the tube and pass through the tube into the hole..



Unlock the 2clamps.



1. Cover the plate over Waste Ink Tube.
2. Make sure the hook is under **Upper Clamp** and lock it.
3. Make sure the hook is above **Lower Clamp** and lock it.



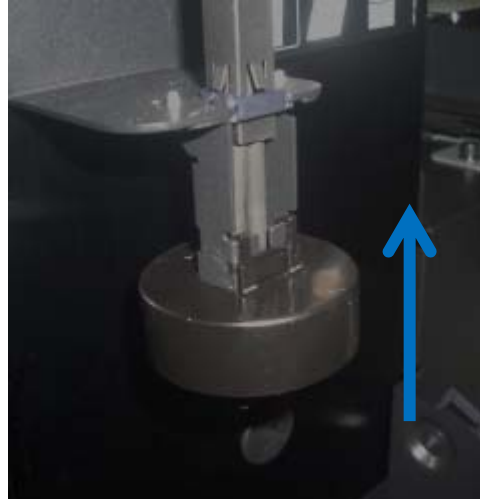


Fix Waste ink Joint of the tube onto the plate as below.



**Waste ink joint**

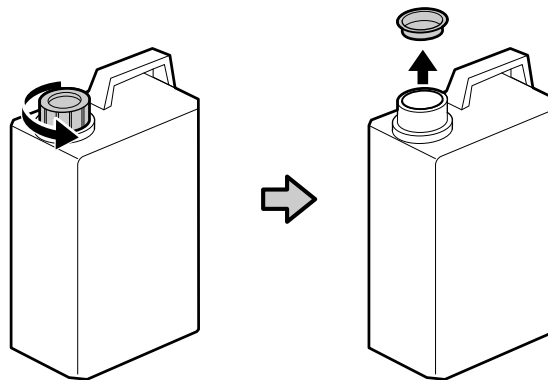
Set Stopper as below.



2 hooks



The lid of the Waste Ink Bottle is required when disposing of the waste ink. Keep the lid. Do **not** throw it away.



Stick the label for your territory on the English label if necessary



Hold the Media guide bar in both hand, tighten 2screws



The media guide bar is heavy. A minimum of 2persons is required for assembly.



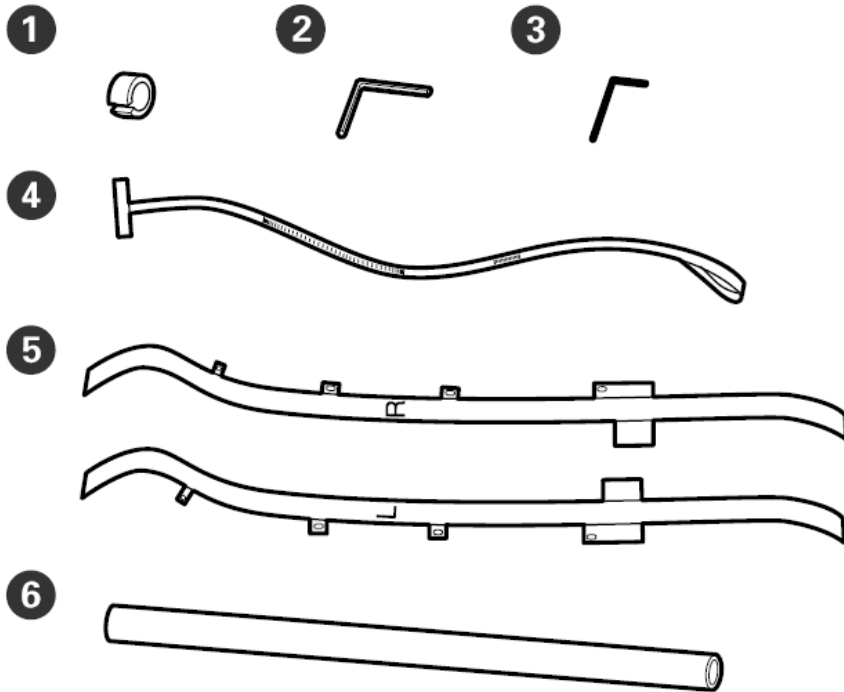
**E x 2**

Tighten 2screws temporarily until the parallel adjustment is completed.



**E x 2**

<<Parallel Adjustment of the Media Feeding Unit>>

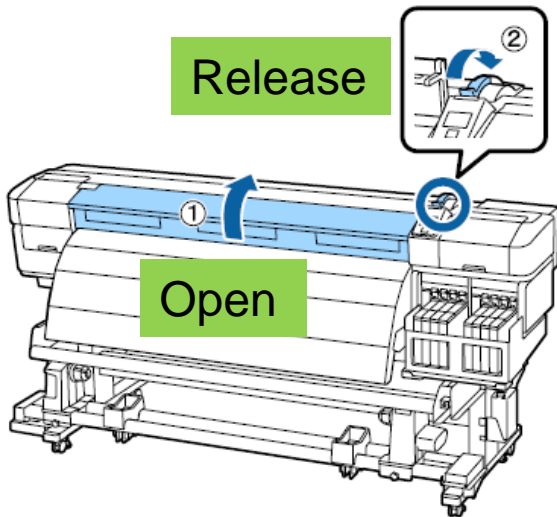


1	Counterweights
2	Hexagon wrench (large)
3	Hexagon wrench (small)
4	Film a
5	Film b
6	Roll core

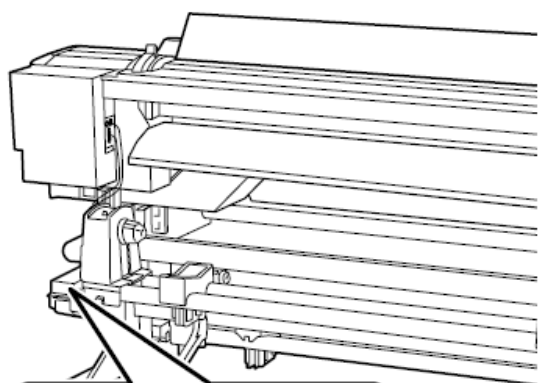
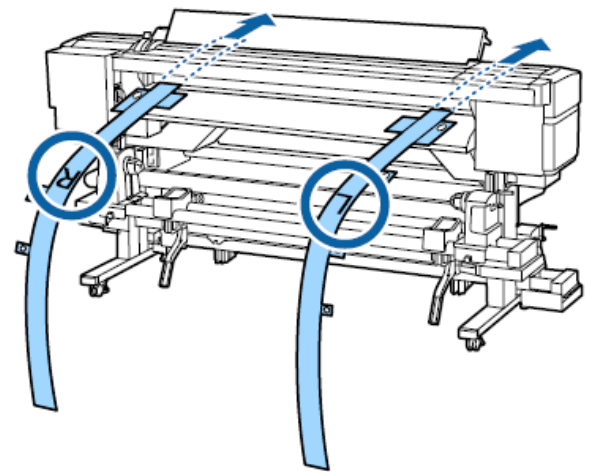


**When the film will be reused, the adhesive side may be soiled. Soak a lint-free cloth in water, wring it out, and then use it to wipe away the dust and lint stuck to the reverse side.**

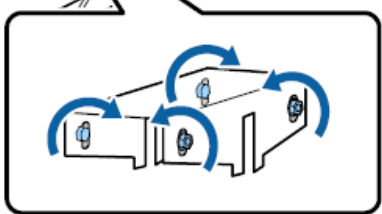
<<Media Feeding Unit>>



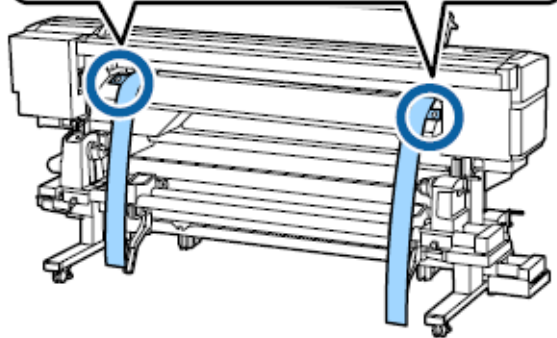
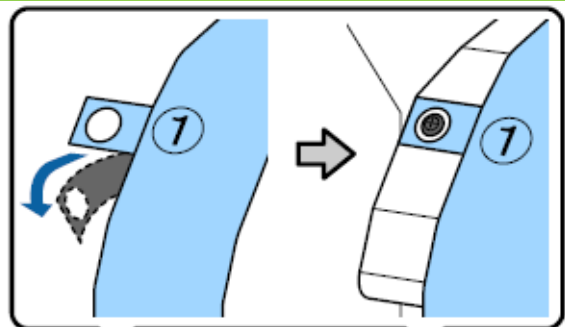
Pass 2films from Rear side after checking "L", "R".



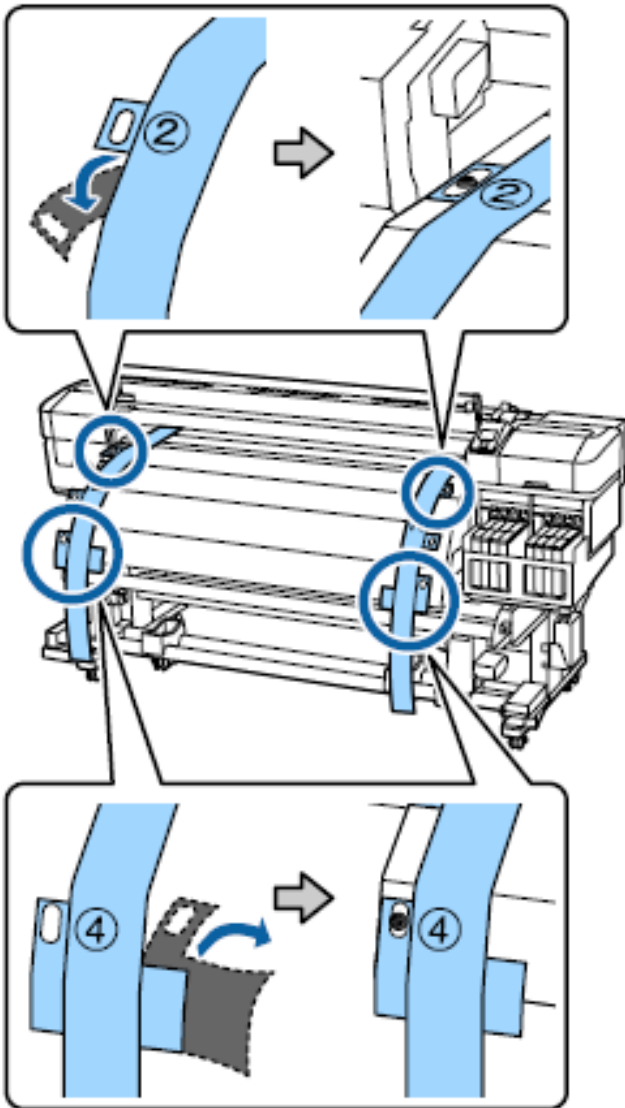
Remove protective sheet, and put it **after aligned screws**



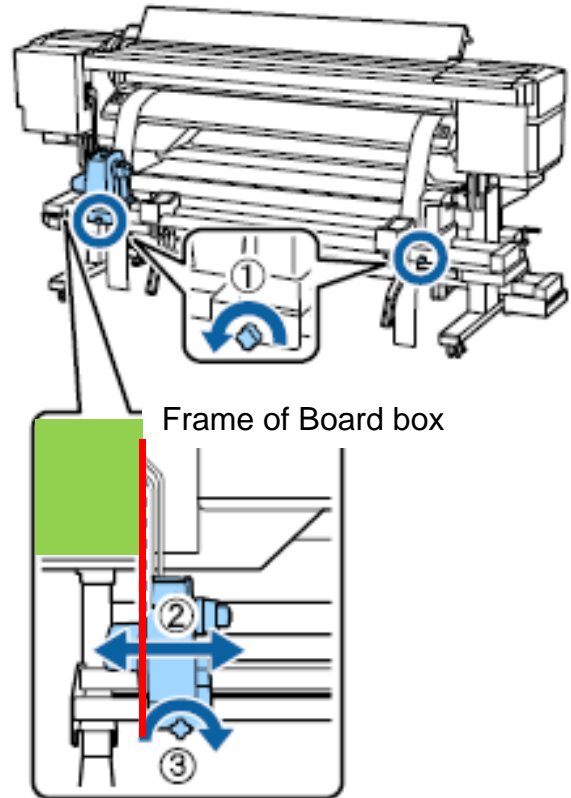
Loosen 4screws



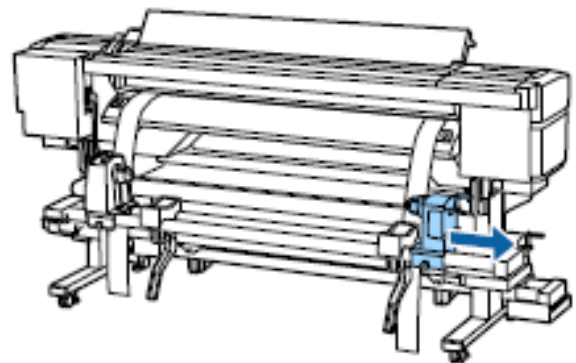
Remove protective sheet, and put it **after aligned (2) and (4) screws**



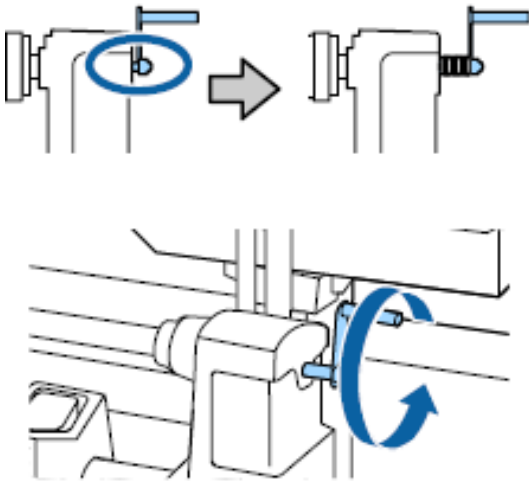
Loosen knobs, and fix knobs **after aligned Frame of Board box**



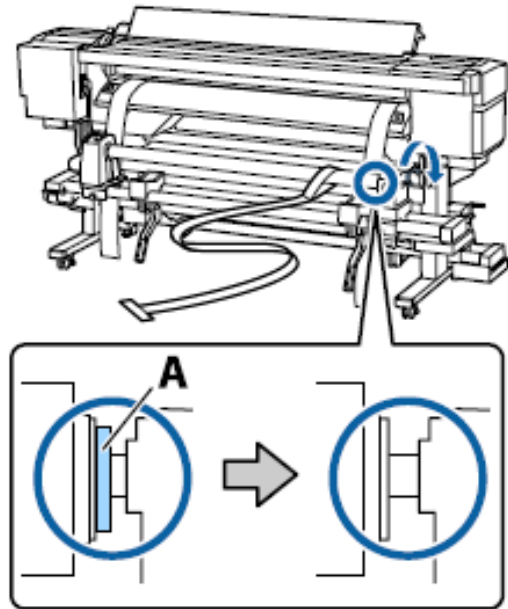
Loosen knobs, and slide it



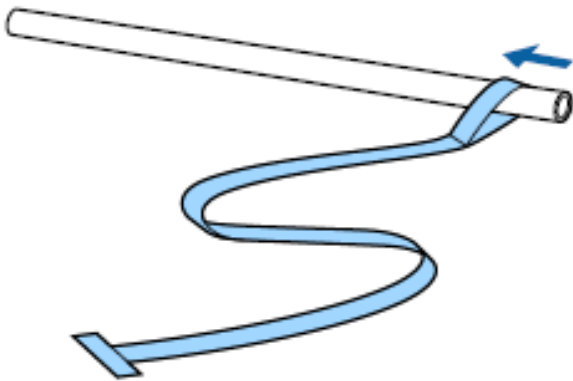
Turn counter clockwise



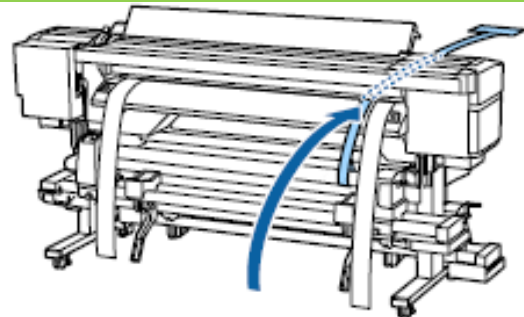
Turn clockwise until No visible "A"



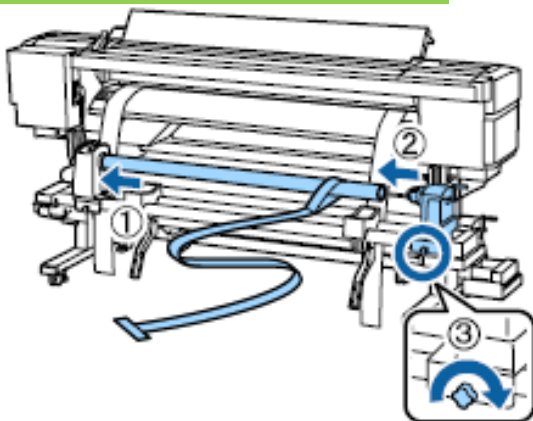
Pass film into Core



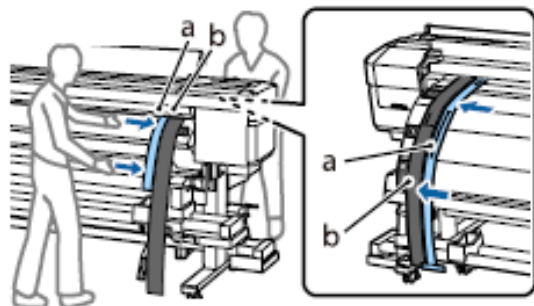
Pass film from Rear



Set Core

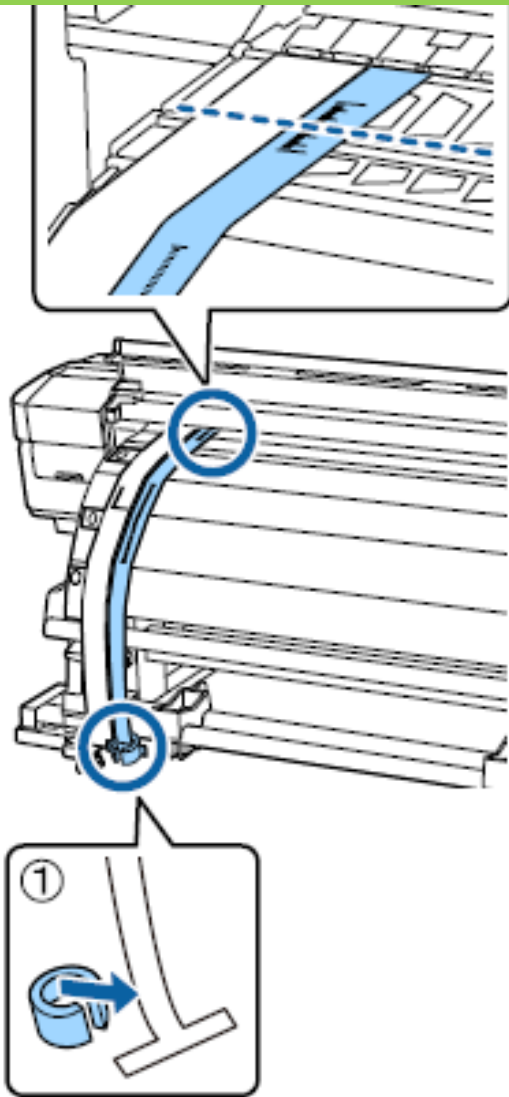


Align a film to b film (Rear and Front side)



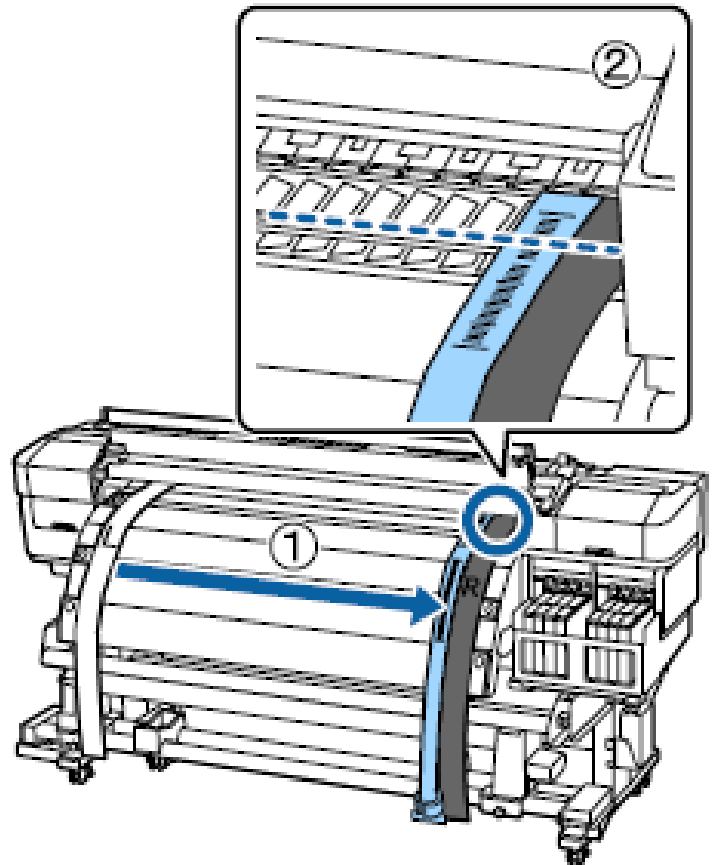


Attach Counterweight, and  
Measure and note value

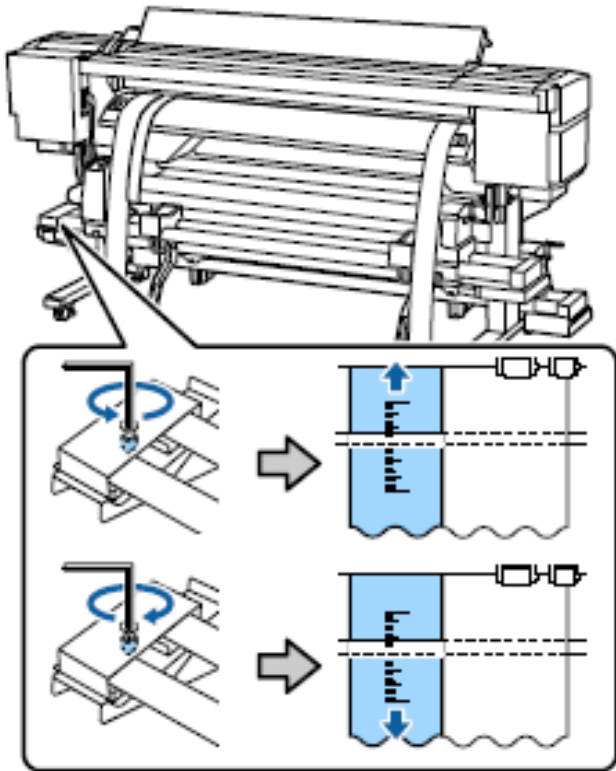


Move film to Home side, and  
Check value

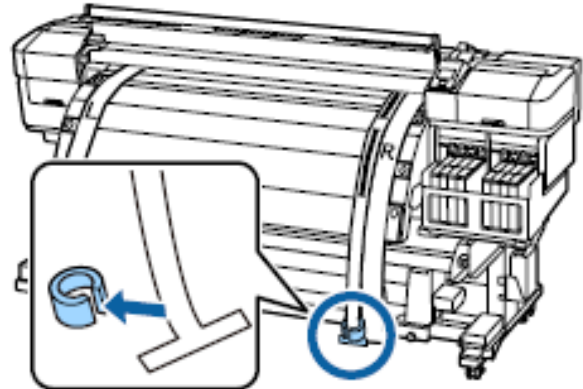
-> Same = No need to adjust  
->different = Need to adjust



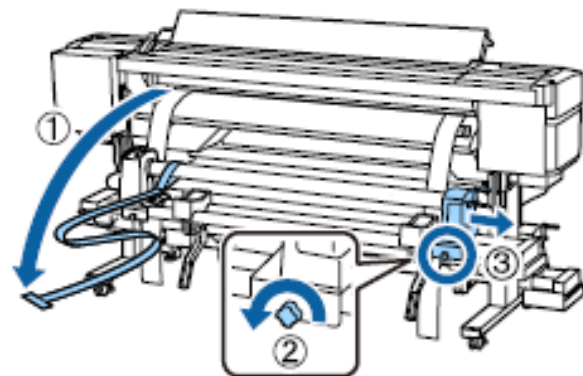
Adjustment to turn screw



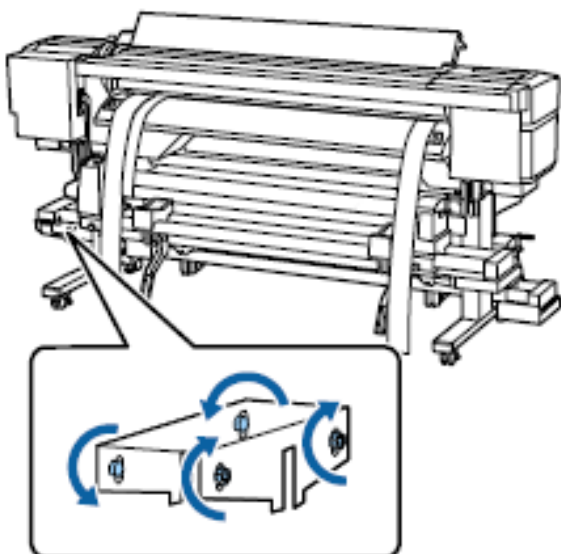
Remove counterweight



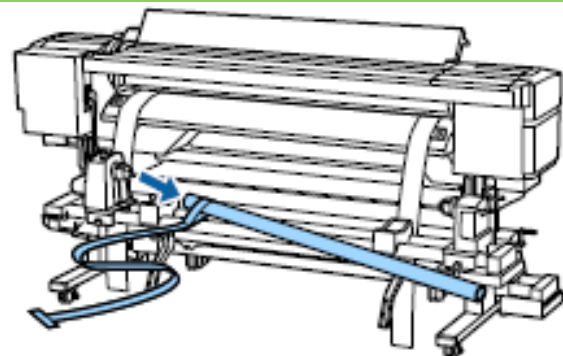
Loosen knob, and slide it, Pull film



Tighten 4 screws  
after adjust same value

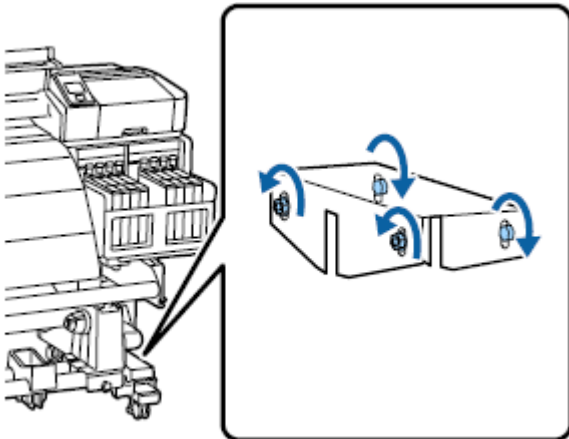


Remove core (with film)

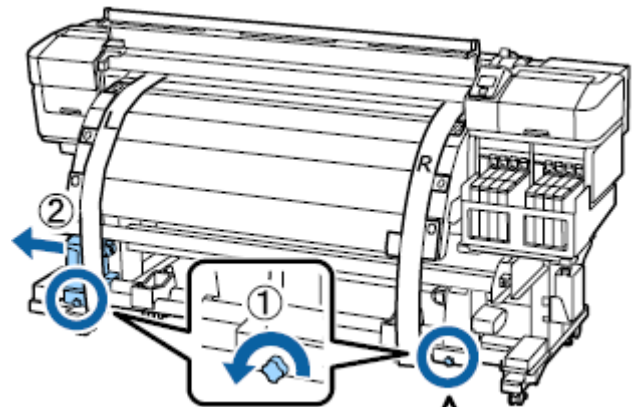


<<Auto take-up Reel Unit>>

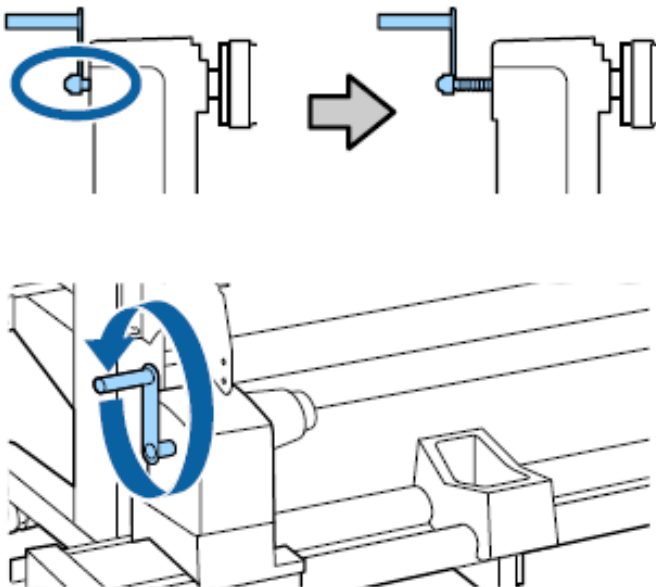
Loosen 4screws



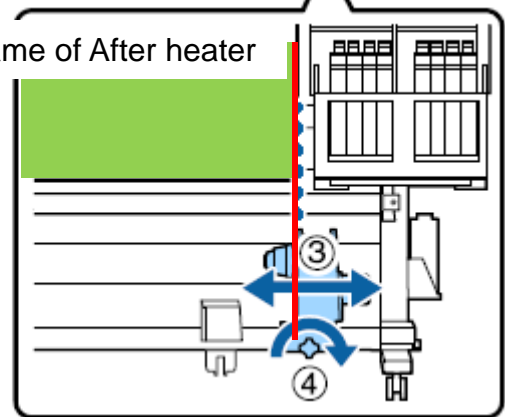
Loosen knobs,  
and fix knobs **after aligned**  
**Frame of after heater**



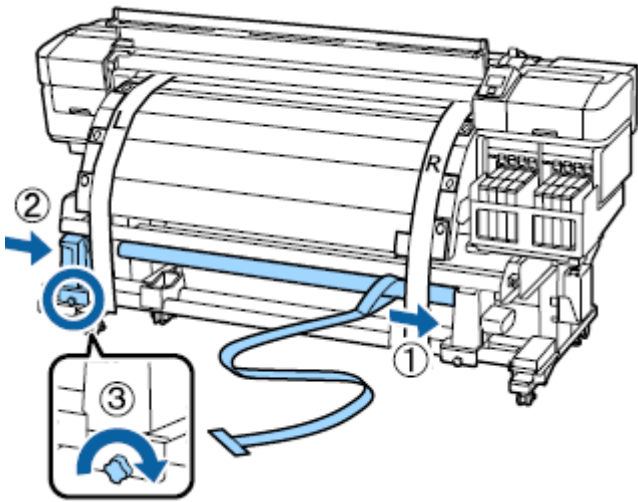
Turn counter clockwise



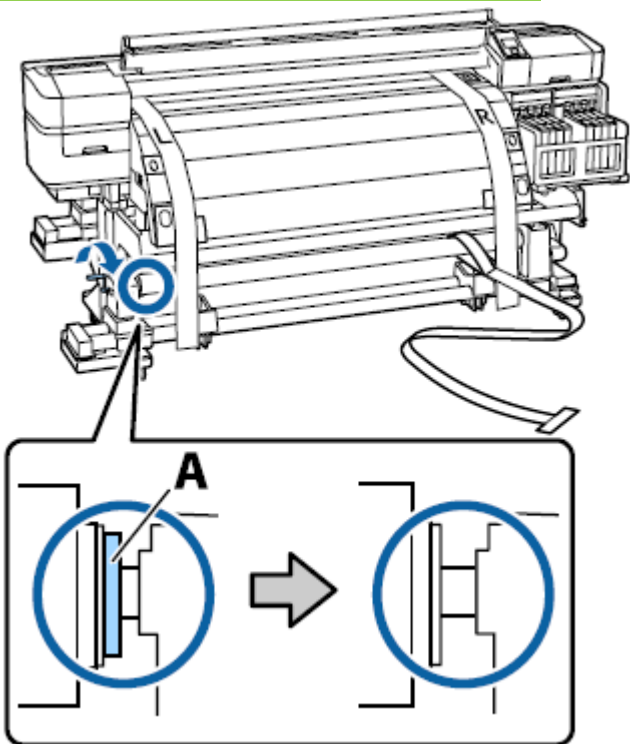
Frame of After heater



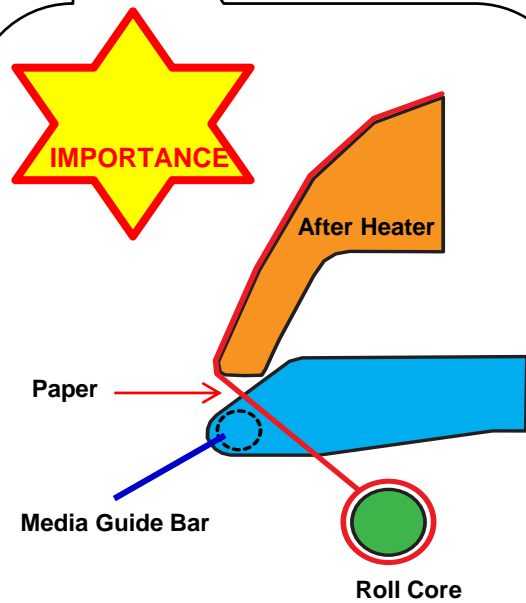
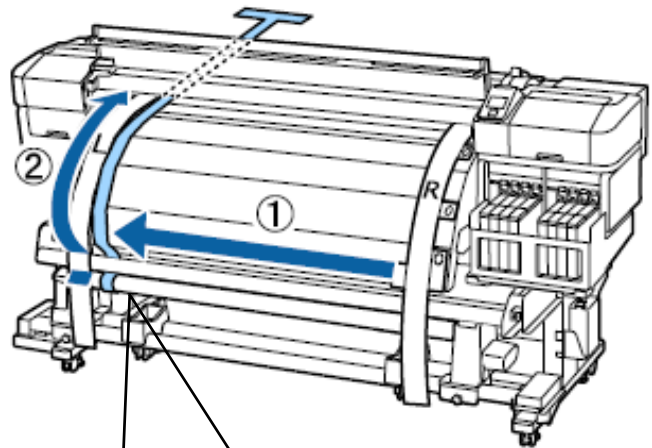
### Set Core



Turn clockwise until No visible "A"



### Pass film from Front To through Media Guide Bar

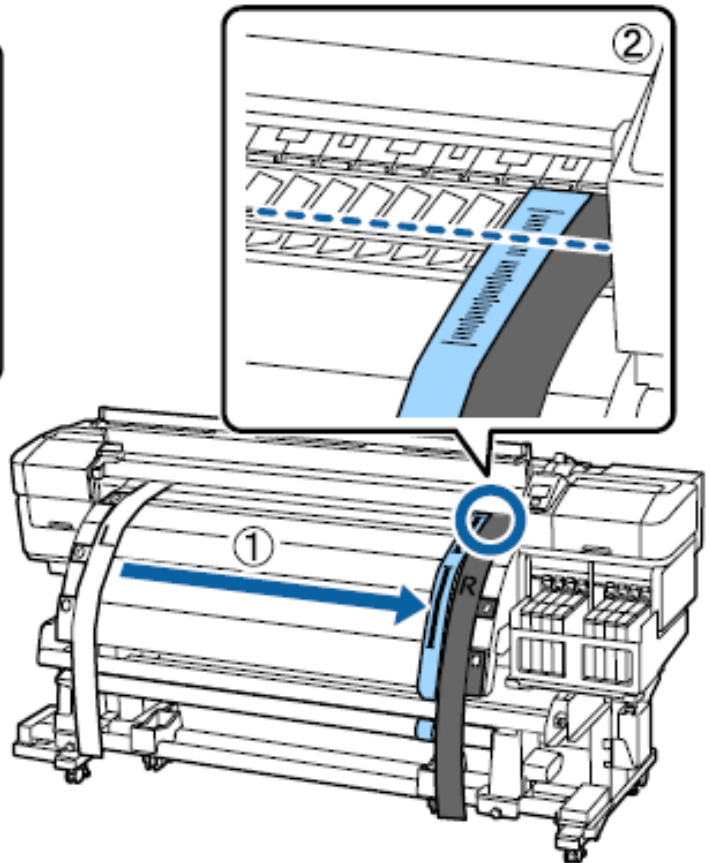
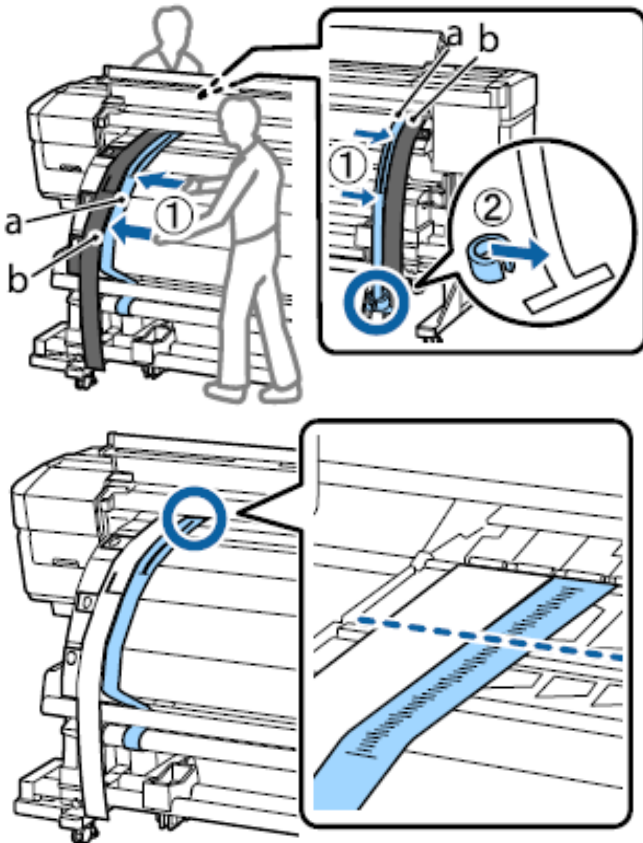


Align a film to b film  
(Rear and Front side)

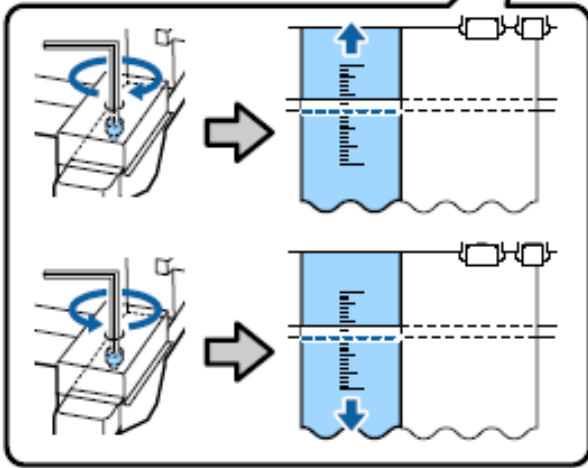
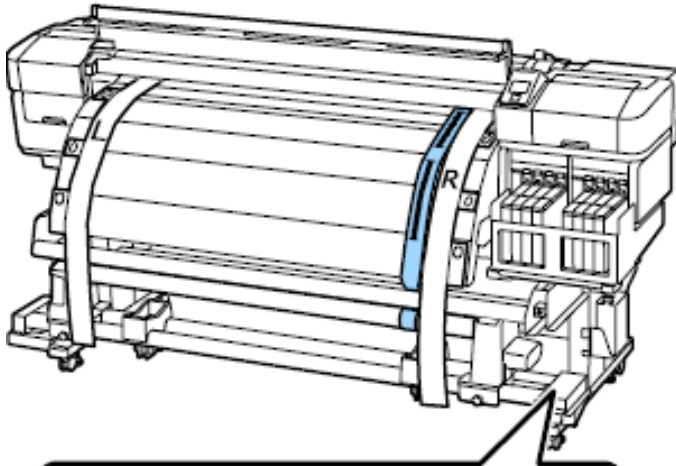
Attach Counterweight, and  
Measure and note value

Move film to Home side, and  
Check value

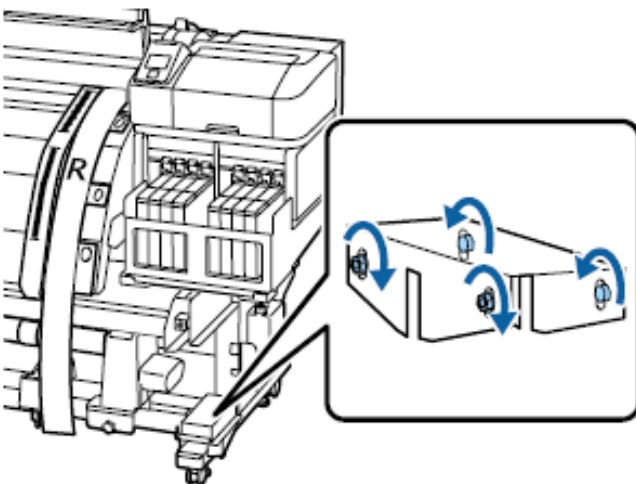
-> Same = No need to adjust  
->different = Need to adjust



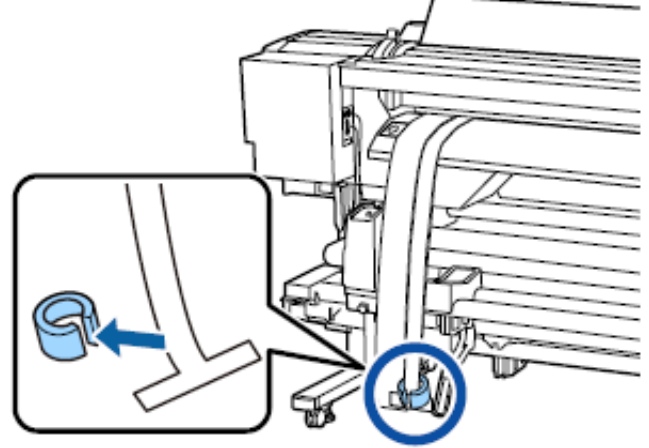
Adjustment to turn screw



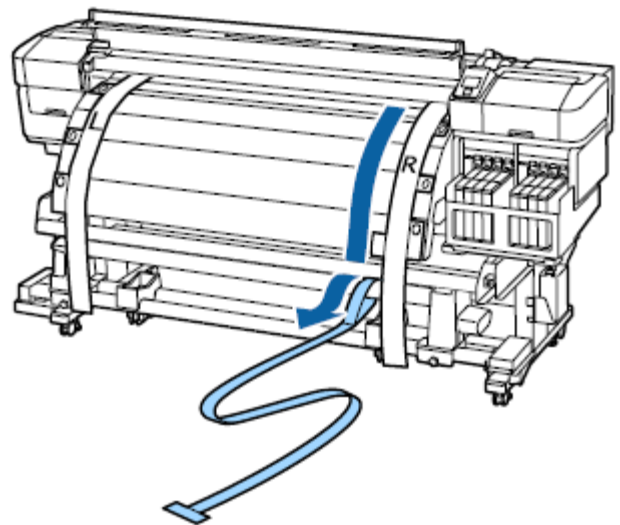
Tighten 4 screws  
after adjust same value



Remove counterweight



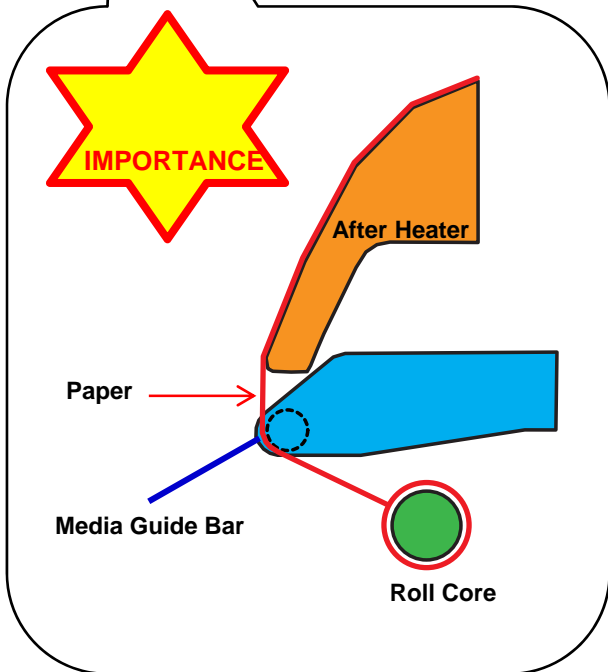
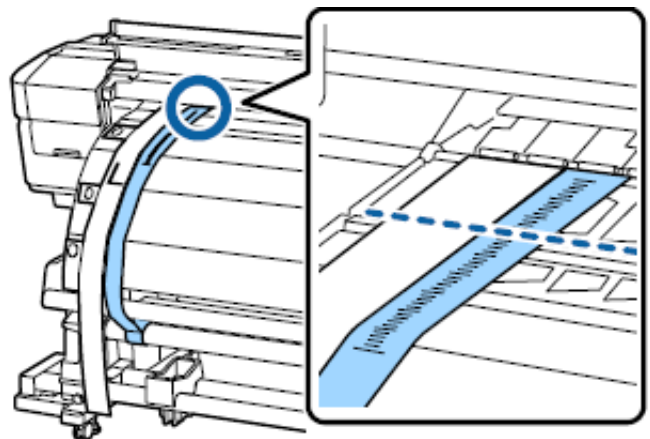
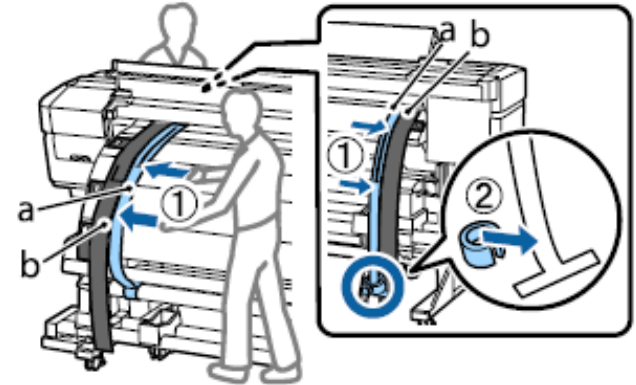
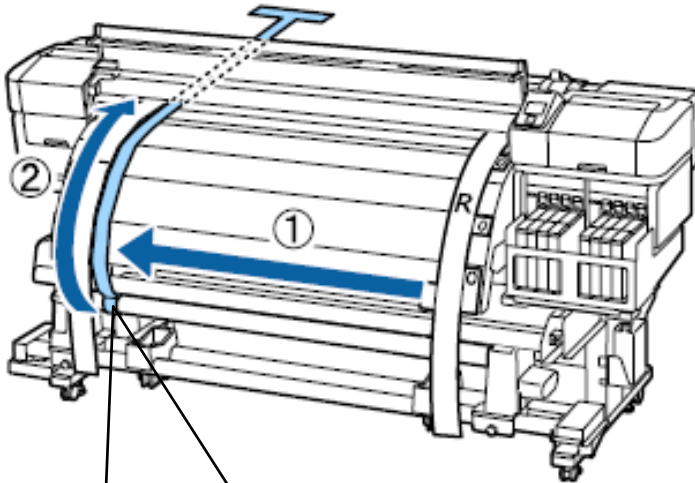
Remove core (with film)



Pass film from Front  
To use Media Guide Bar

Align a film to b film  
(Rear and Front side)

Attach Counterweight, and  
Measure and note value



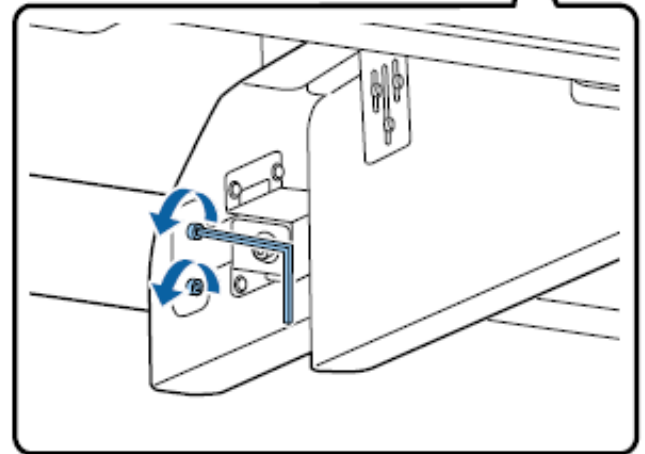
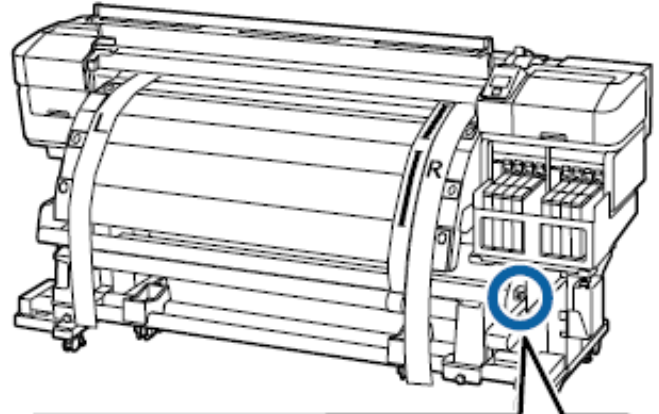
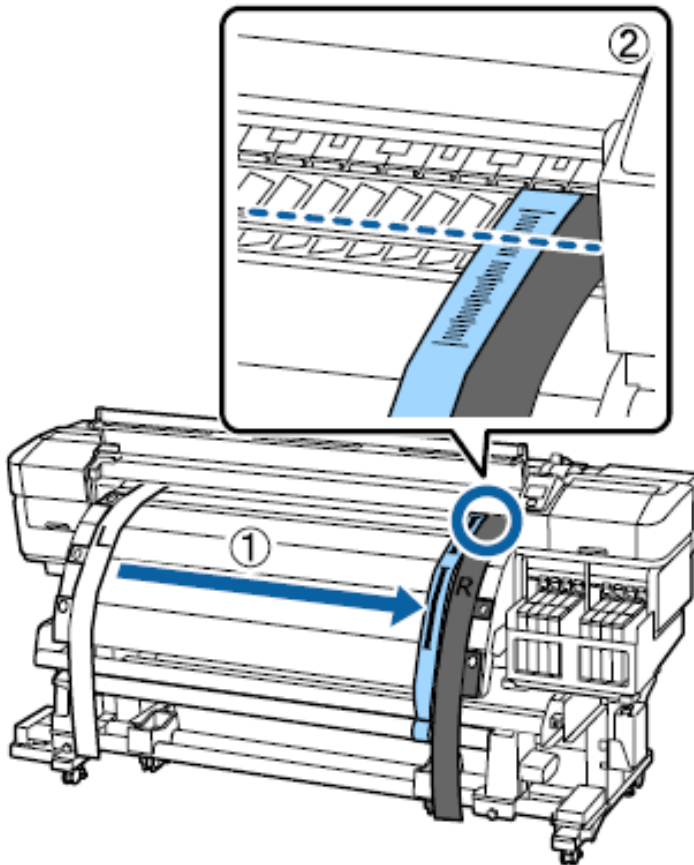
Move film to Home side, and  
Check value

-> Same = No need to adjust

->different = Need to adjust

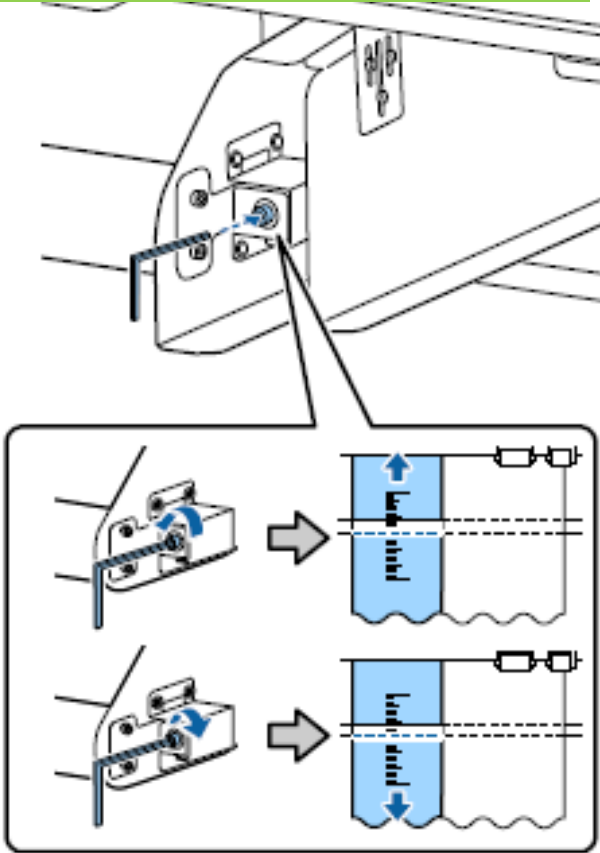
Loosen 2screws

to use small hexagon wrench

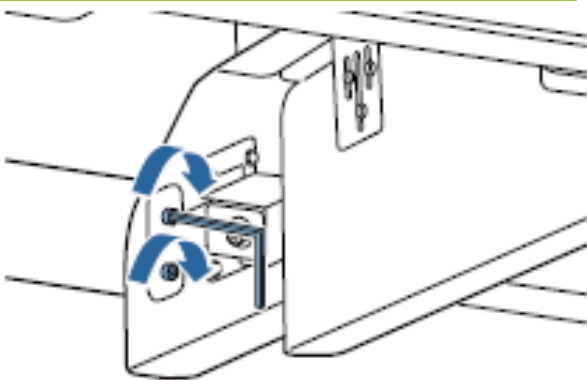




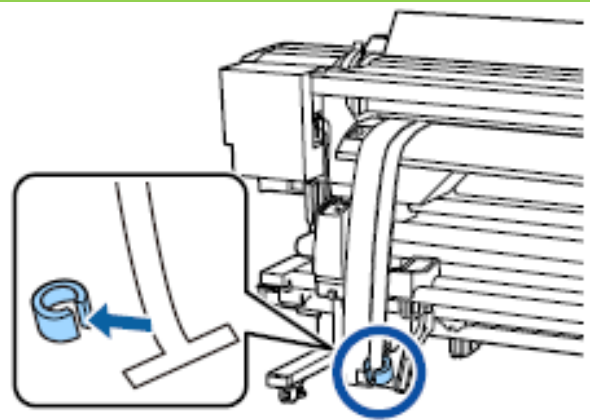
Adjustment to turn screw



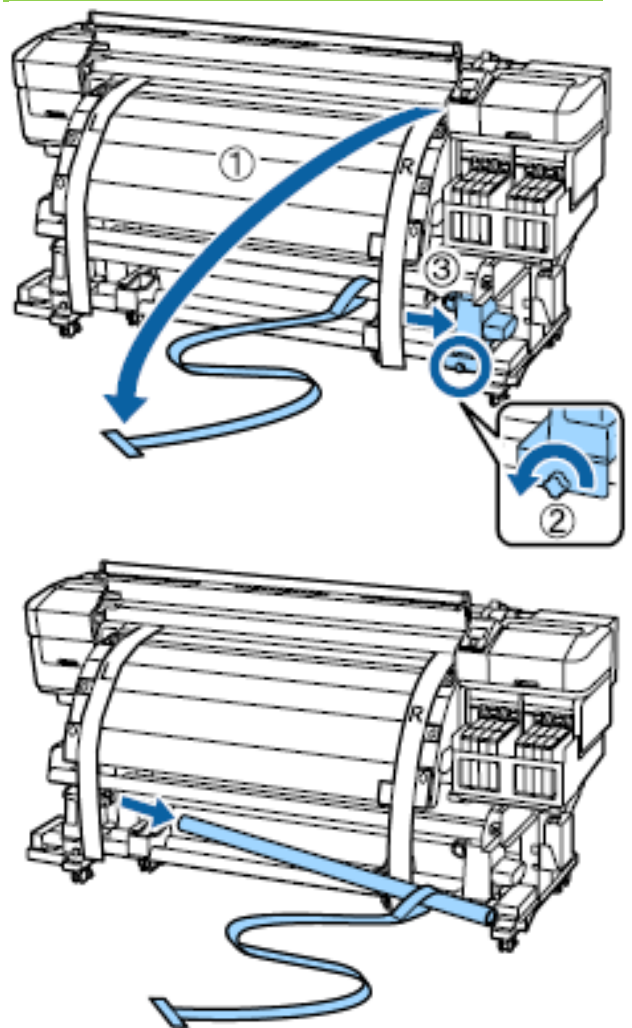
Tighten 2 screws  
after adjust same value



Remove counterweight



Remove core (with film)

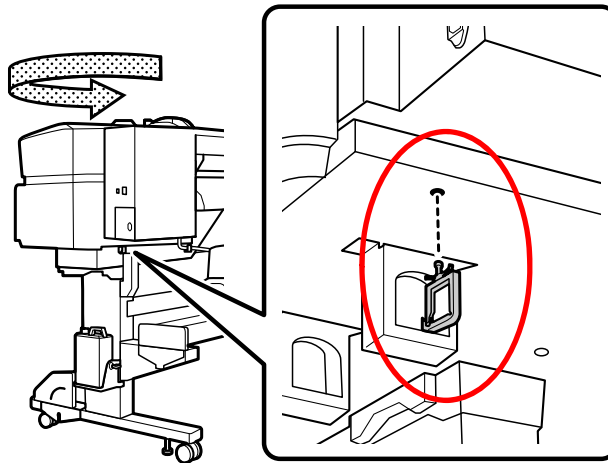


## <<Connecting the Power Cable>>

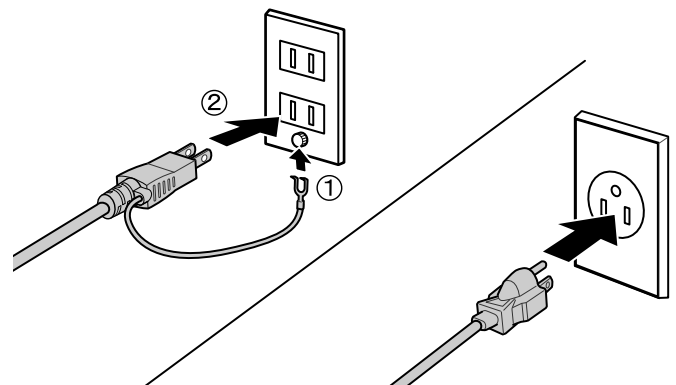
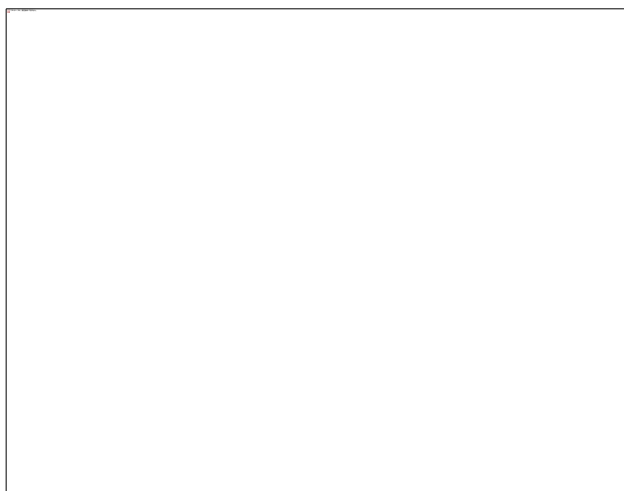


- Use only the type of power source indicated on the printer's label.

Install the clamp.



Connecting 2 power cables at Printer  
 Fasten the cables by 2clamps.  
 Connect 2 AC cables.



## 2.11 Fill the ink

CAUTION



Wear security goggle and globes, wash your skin immediately when the ink adheres to your skin.

CAUTION

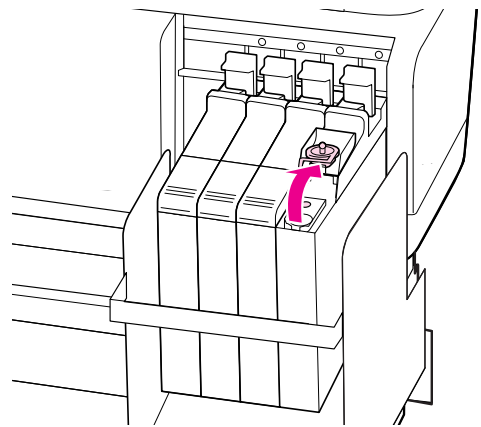


Shake the ink packs of all colors well to prevent the ink settlement.

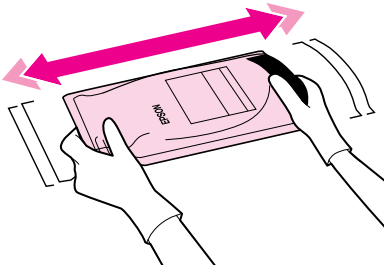
Set ink chip.



Remove the ink inlet cap from the ink tank.

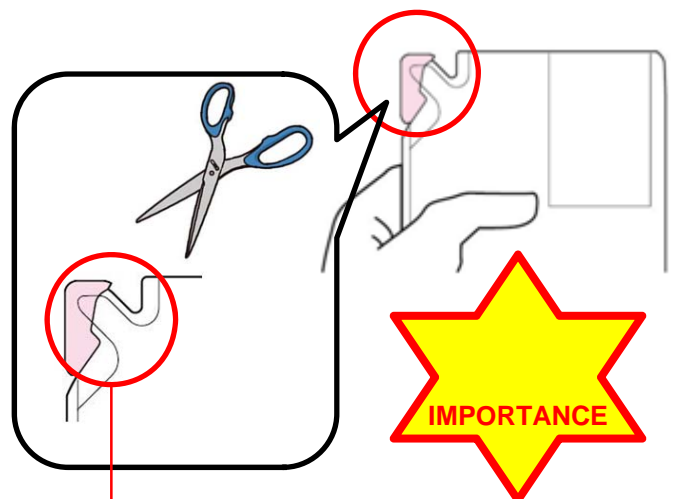
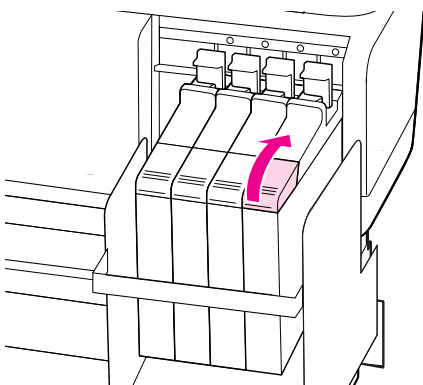


Shake the new ink pack as shown in the illustration horizontally for approximately 5 cm left and right for 5 seconds approximately 15 times.



Cut ink pack by scissors.

Open the slider ink inlet cover.



**\*Do not cut off this white area**

## Fill the ink.

CAUTION



- Get all the ink out of the ink pack so that there is none remaining.

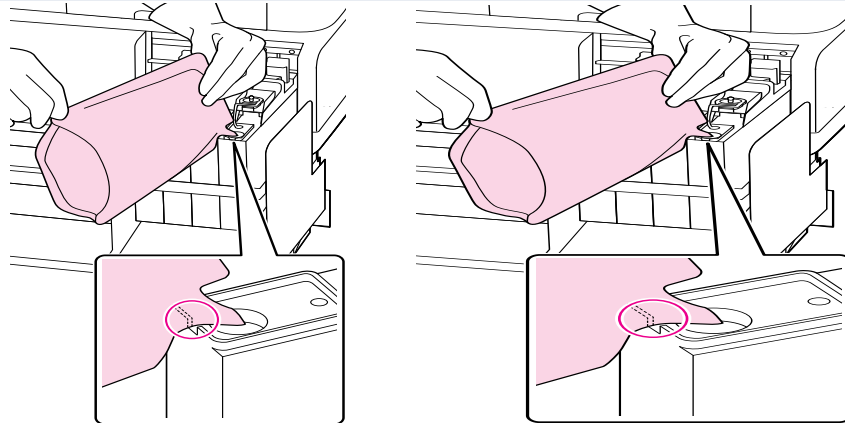
Do not use the ink in an ink pack to refill multiple different ink tanks.

( This can cause messages from the remaining ink warning system to not be displayed properly. )

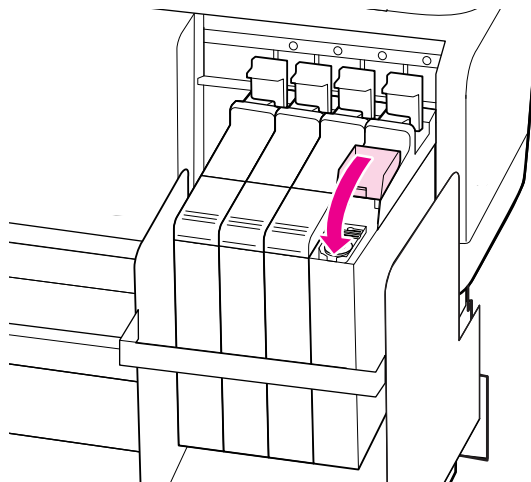
- **Do not turn on printer before filling all inks.**

Confirm whether Ink Tank color is suitable for Ink Pack color before filling ink.

IMPORTANCE



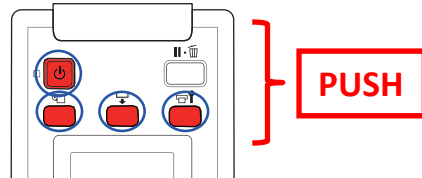
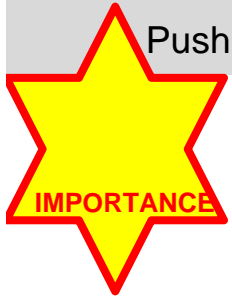
Push and Make sure the ink inlet cap back on ink tank.  
Close the slider ink inlet cover.



## 2.12 Firmware update

Turn ON the printer in the F/W update mode.

Push "ON" while pressing [Media setup] + [Media feed] + [Maintenance].



Check the current Firmware version.

Update the latest FW.

Printer will be turned off automatically.

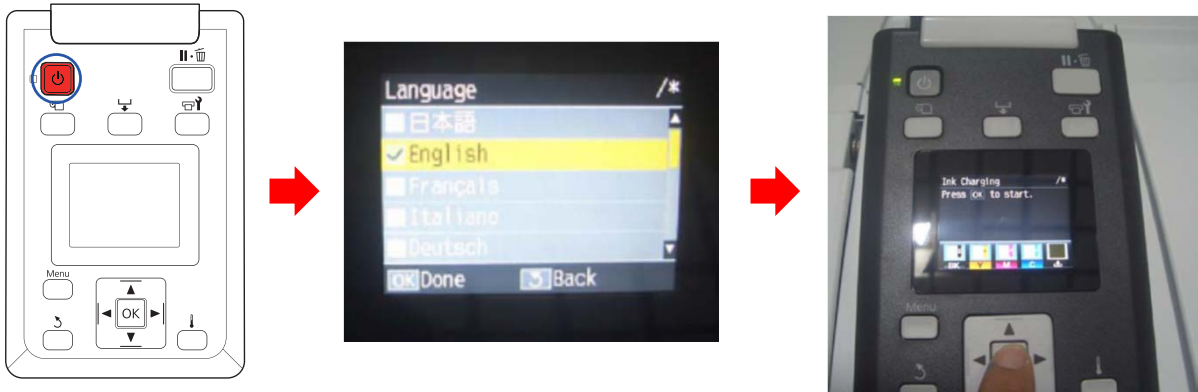
Please turn on the printer by FW update mode again.

Check the FW version if you updated.

Turn off printer.



Turn ON the printer in the **Normal mode**.  
Set the printer setting. (Language, date, time etc.)  
Starting Ink Charge. ( Approximately 50 min)



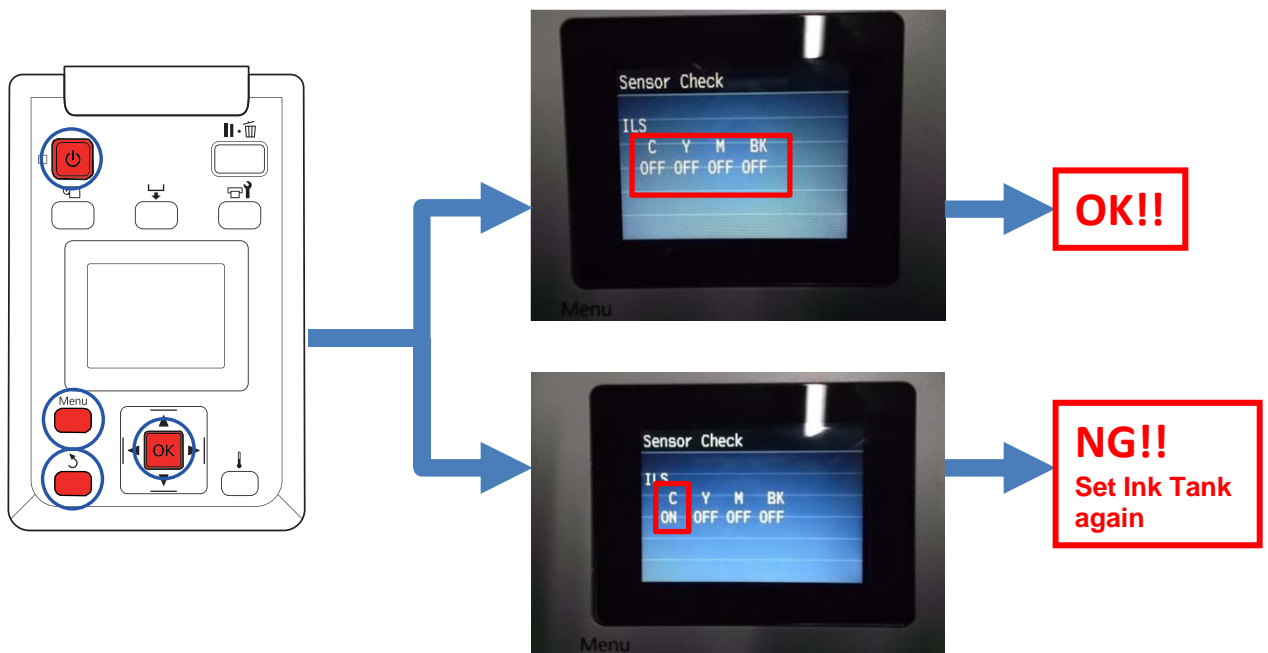
Check the nozzle check pattern.  
If nozzle missing, do cleaning.



\*\*\* If necessary \*\*\*

## <<Check the Ink Tank position>>

1. Turn ON the printer in the Service Mode.  
Push "ON" while pressing [Menu] + [Back] + [OK].
2. [SELF TESTING] -> [Mech Adjustment]  
->[Sensor Check] -> [ILS]
3. Check all Ink are "OFF".  
⇒ If it is ON, check and adjust Ink Tank position, again.



## ■ Trouble shooting for ink charge

1. Check the Ink Tank condition according to the following tables.
2. If it is **not** enough to set the Ink Tank, please set this Ink Tank again.

Trouble	Cause
Ink leak from Ink Tank	<ul style="list-style-type: none"> <li>• Hook of Ink Tank <b>comes off</b></li> <li>• The height of Ink Tank is <b>not</b> correct</li> </ul>
When Ink charge, There is air inside the ink tube.	<ul style="list-style-type: none"> <li>• Hook of Ink Tank <b>comes off</b></li> <li>• The height of Ink Tank is <b>not</b> correct</li> </ul>
False detection of Ink Level	<ul style="list-style-type: none"> <li>• Hook of Ink Tank <b>comes off</b></li> <li>• The height of Ink Tank is <b>not</b> correct</li> </ul>
Always light the Lock Lever Sensor.	<ul style="list-style-type: none"> <li>• Hook of Ink Tank <b>comes off</b></li> <li>• The height of Ink Tank is <b>not</b> correct</li> <li>• Make sure “Lever down all ink tanks”</li> </ul>
Gap of Ink Tank position	<ul style="list-style-type: none"> <li>• The height of Ink Tank is <b>not</b> correct</li> <li>• Hook of Ink Tank <b>comes off</b></li> </ul>