

25k Maintenance

This is a guide on how to perform all 25k maintenances – 75k, 125k, 175k etc.

Use only original Spare Parts to keep your **GTX600 SB** always in best condition to get the best out of it.

Note that GTX600 SB is always updated with the latest firmware and driver.

Firmware, Driver and Maintenance Tool:

Be aware that the **GTX600 SB** must be updated with the latest firmware and driver.

Maintenance Tool can be used with Windows Operation System only.

Necessary tools:

GTX600 Key
 Cleaning Stick R
 Cleaning Stick T
 Cup and Cleaning Solution
 Small flat screwdriver
 Gloves
 Vacuum cleaner
 Waste cloth

Estimated time:

Around one hour

The 25k spare part kit:

To do	Spare Part Name (Pieces)	Spare Part Number	Quantity
	25k SPARE PART KIT	N40002427	1
Clean surrounding/replace	MIST FAN FILTER SET (2)	SC5066001	1
Clean surrounding/replace	FLUSHING FOAM SET GTX6 SP (3)	SC7419001	1
Replace	WIPER HOLDER SUPPLY AS. GTX6 SB (6)	SC7420001	1
Clean surrounding/replace	CAP SET GTX6 SUPPLY SP (6)	SC7409001	1
Clean surrounding/replace	CARRIAGE FOAM SP SUPPLY ASSY (1)	SC7418001	1
	CLEAN STICK R (50)	SB7008001	1
	CLEAN STICK T (100)	N40001601	1

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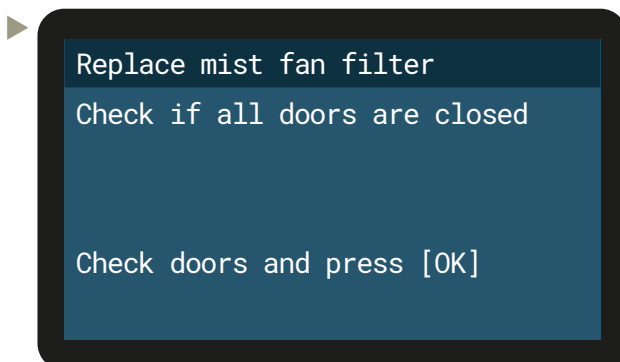
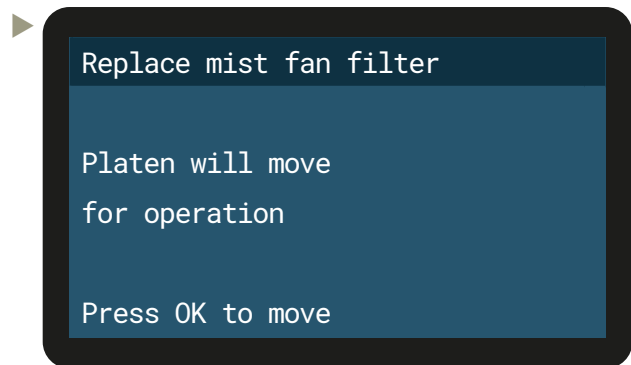
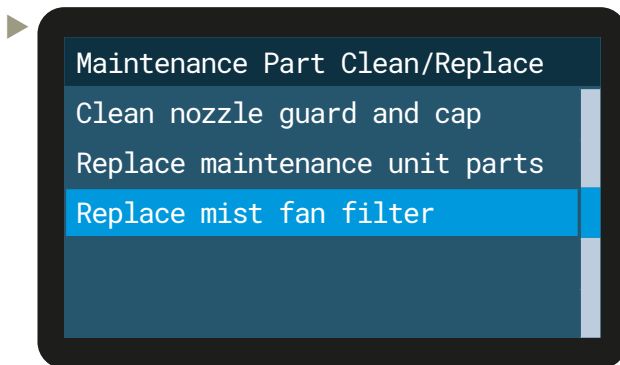
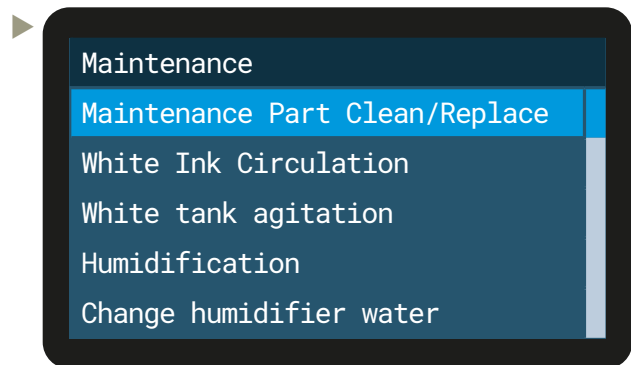
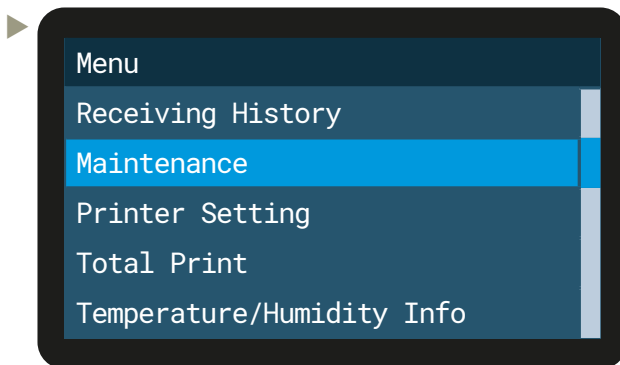
1 Mist fan filter replacement

► **Necessary parts:** Mist Fan Filter Set

Necessary tools: Cleaning Sticks
Vacuum cleaner
Waste cloth



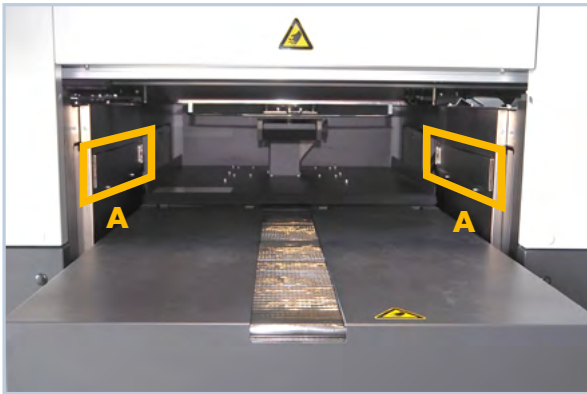
Mist Fan Filter



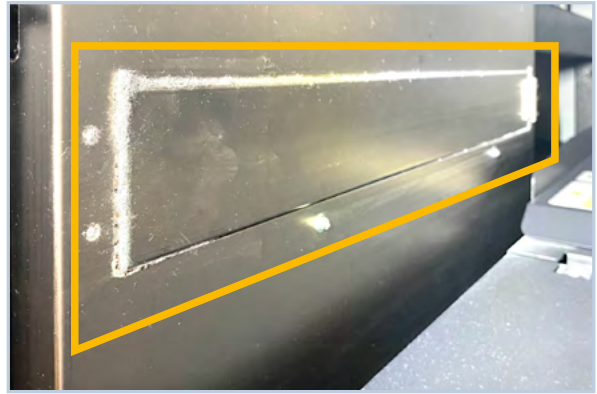
Replace mist fan filter

Perform replacement

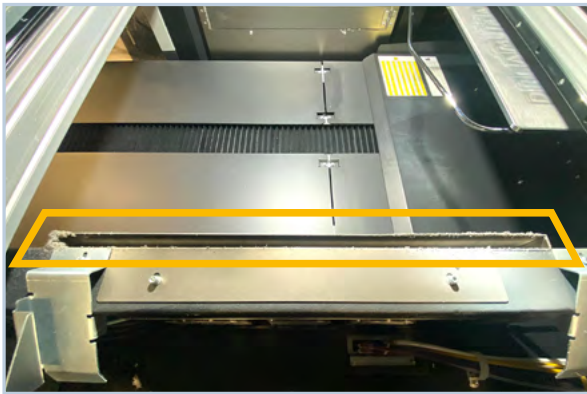
Clean all areas around the Mist Fan Filter with vacuum cleaner and cleaning sticks to remove all dust clumps. Replace the Mist Fan Filter.
Do not use Cleaning Solution.



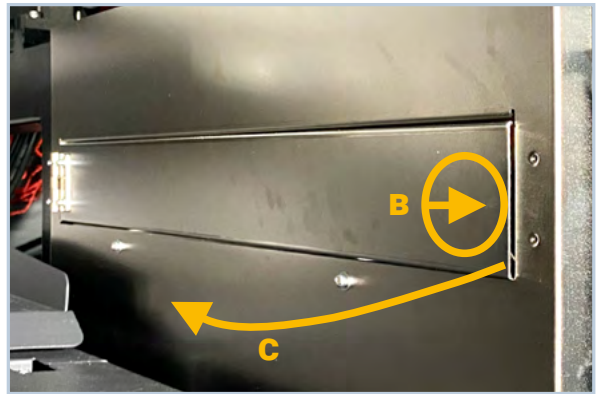
A: Position of the Mist Fan Filter



Clean the doors of the Mist Fan Filter and the surrounding area



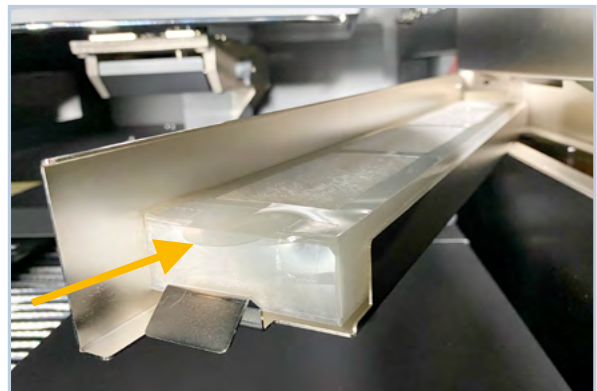
Open cover on right and left side of the **GTX600 SB** for cleaning cavities above the Mist Fan Filter.



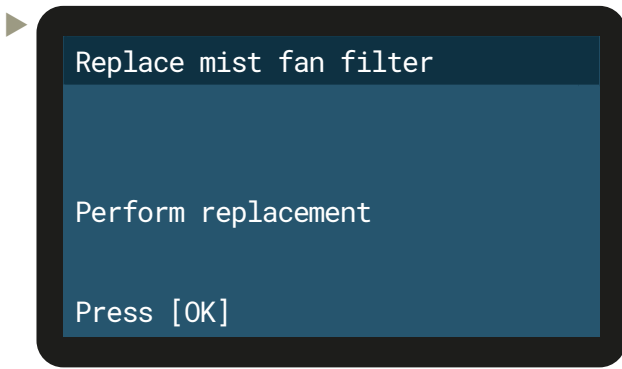
B: Push and release
C: Open the cover



Remove the filter and clean the compartment

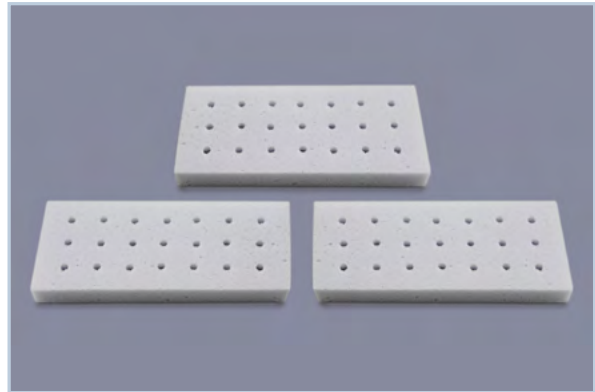


Insert the new Filter and close the compartment



2 Flushing foam replacement

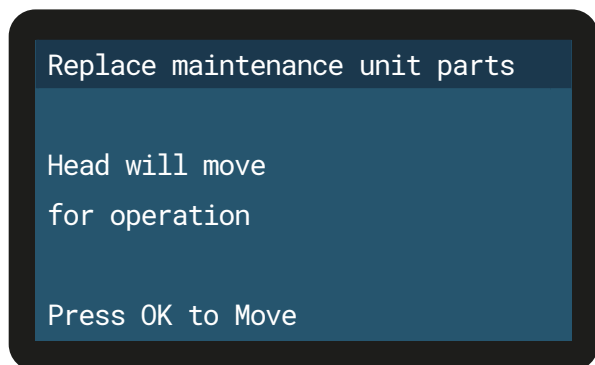
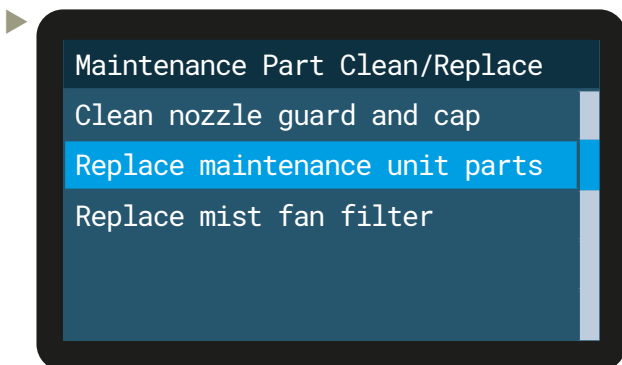
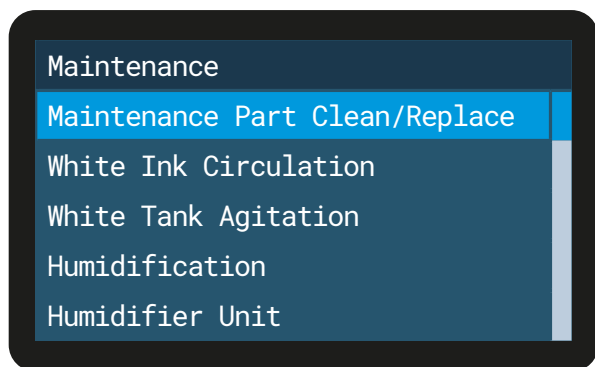
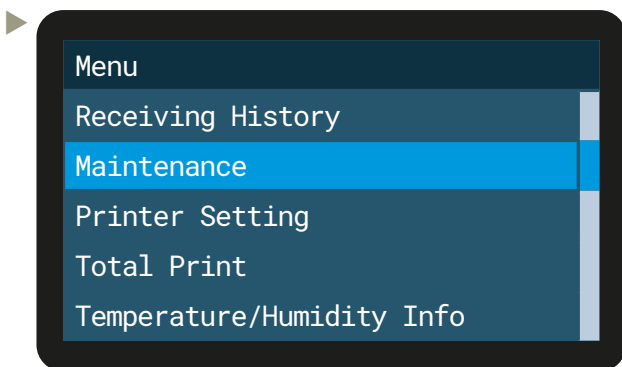
- ▶ **Necessary parts:** Flushing Foam Set
- Necessary tools:** GTX600 Cleaning Solution
- Cleaning Sticks R
- Cup
- Waste cloth
- Gloves



Flushing Foam Set

The Carriage has to be moved to the right side of the **GTX600 SB** to replace the Flushing Foam Set, Wiper Holder Supply Assy GTX6 and Cap Foam Set.

Make sure to perform these three replacements **within 25 minutes** to prevent the print heads from drying out.



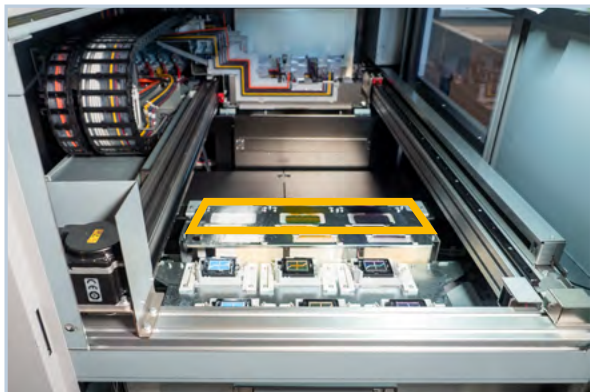
Replace maintenance unit parts

Carriage is Moving

Replace maintenance unit parts

Perform Replacement

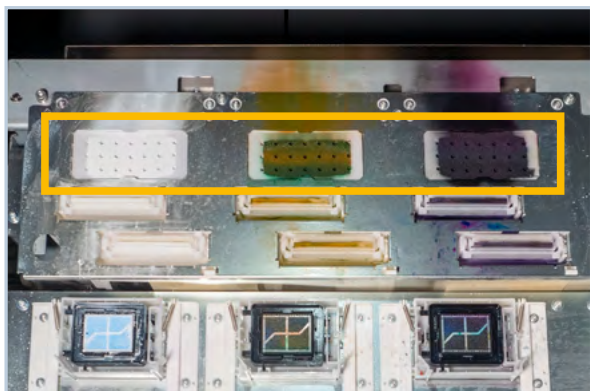
After the work is completed
Press [OK]



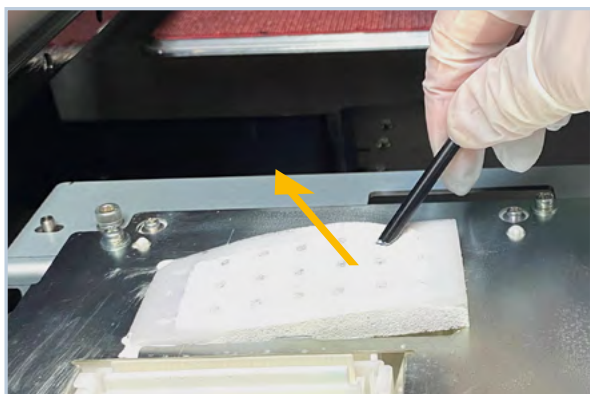
Open the cover door on the left side and the top cover of the **GTX600 SB**.

Replace both Flushing Foams like shown in the following pictures:

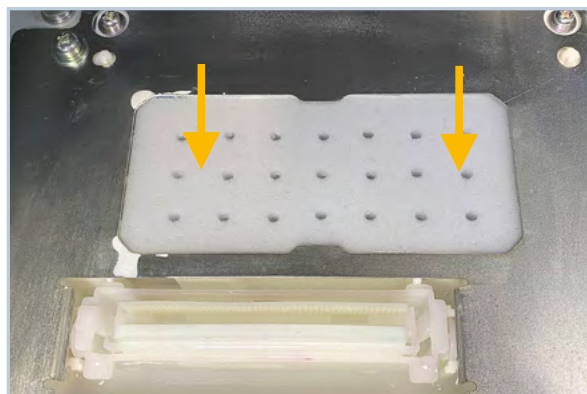
Make sure not to drop any white ink on parts used for CMYK or the other way around.



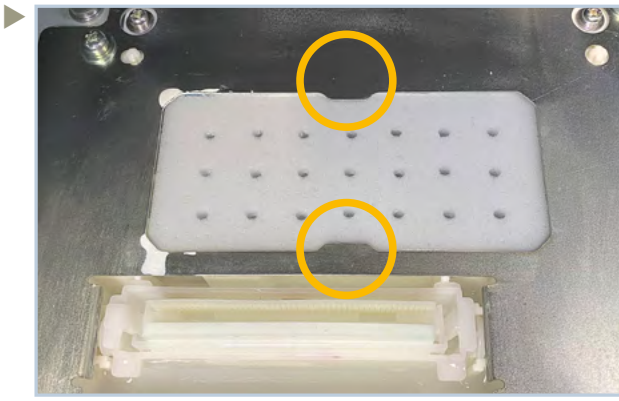
Position of the Flushing Foams



Remove the old Flushing Foam by using a waste cloth to avoid dripping ink into the **GTX600 SB**.



After replacing the first Flushing Foam, clean your gloves with a cleaning cloth and then replace the second Flushing Foam.



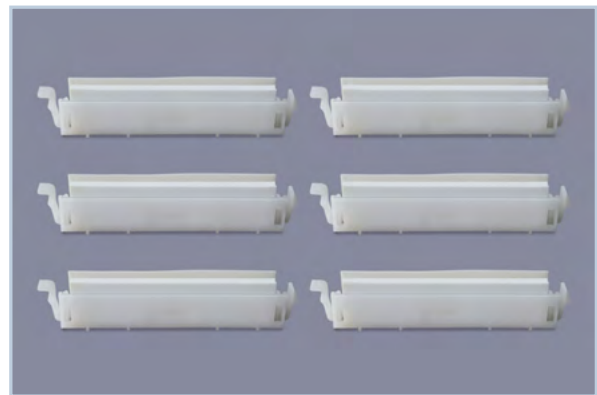
Make sure that the Flushing Foams do not extend out off the outboard end portions of the maintenance unit

If a Flushing Foam extends, it may result in non-ejection of ink-jet-droplets.

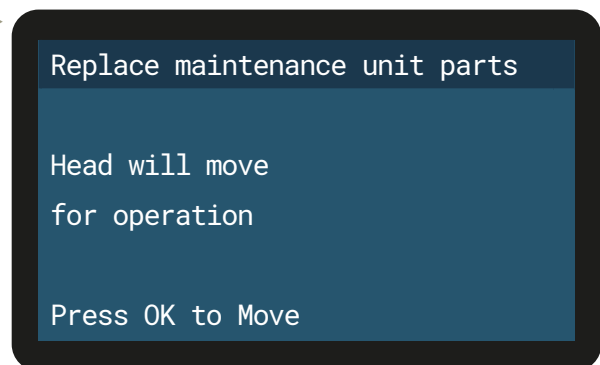
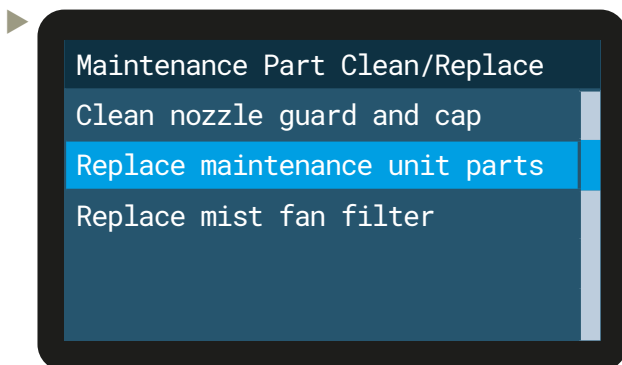
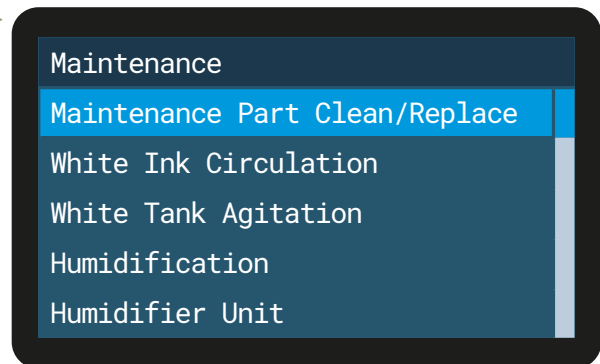
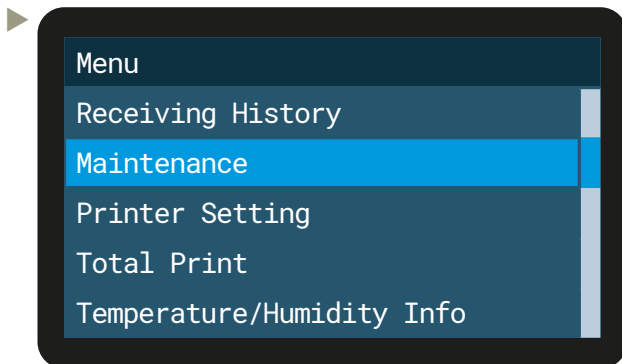
- ▶ After the work is completed press [OK] in the menu and follow the instructions in the menu.

3 Wiper holder replacement

- ▶ **Necessary parts:** Wiper Holder Supply Assy
- Necessary tools:** Gloves
Waste cloth



Wiper Holder Supply Assy



Replace maintenance unit parts

Carriage is Moving

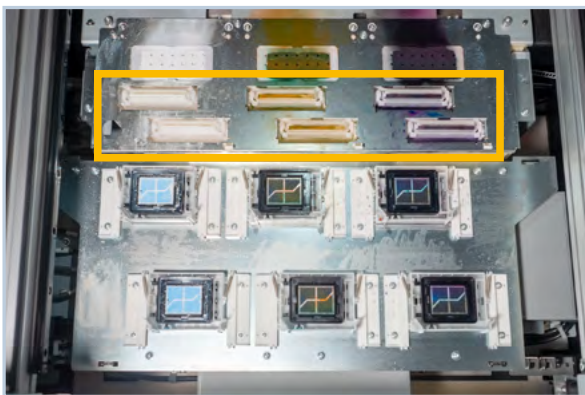
Replace maintenance unit parts

Perform Replacement

After the work is completed
Press [OK]

The Carriage has to be moved to the right side of the **GTX600 SB** to replace the Wiper Holder Supply Assy GTX6.

Make sure to perform this replacement **within 25 minutes**.

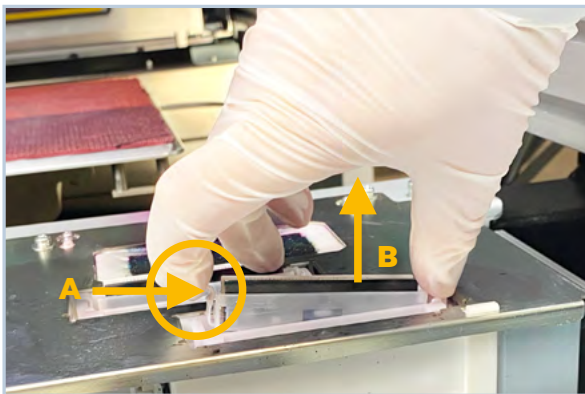


Position of the Wiper Holder Supply Assies

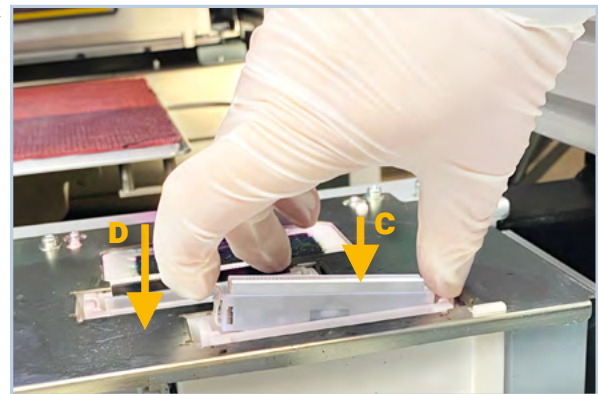


A: Clean the Shield Plate with a Cleaning Stick R
B: Check that the two hooks are snapped in

Replace all Wiper Holder Supply Assies like shown in the following pictures:



A: Push the latch on the left side of the Wiper Holder Supply Assy.
B: Remove the old Wiper Holder Supply Assy.

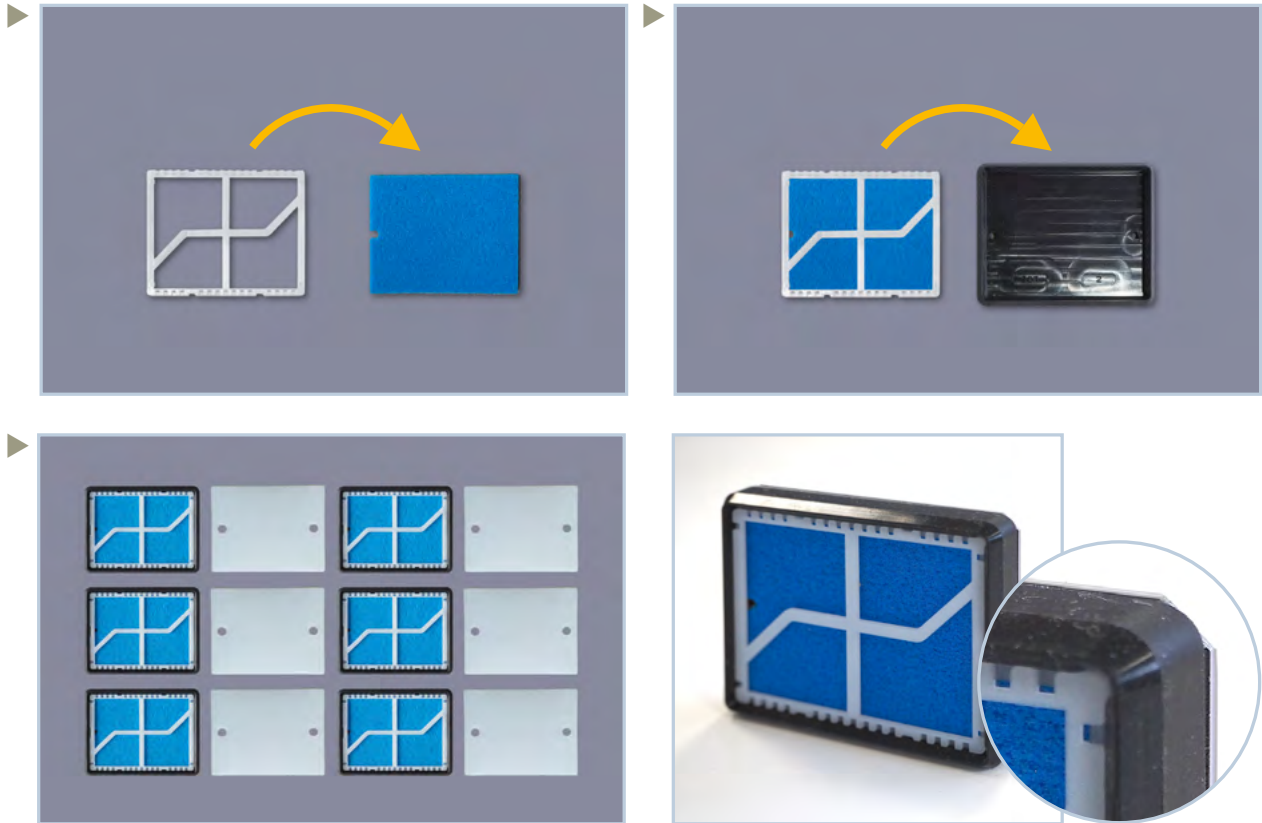


C: Insert the new Wiper Holder Supply Assy with thick foam facing to you and the latch to left.
D: Make sure that the latch snaps into place.

▶ After the work is completed press [OK] in the Menu and follow the instructions in the Menu

- ▶ **Necessary parts:** Cap Set GTX6 Supply SP
- Necessary tools:** GTX600 Cleaning Solution
- Cleaning Sticks R
- Cup
- Flat small screwdriver
- Gloves

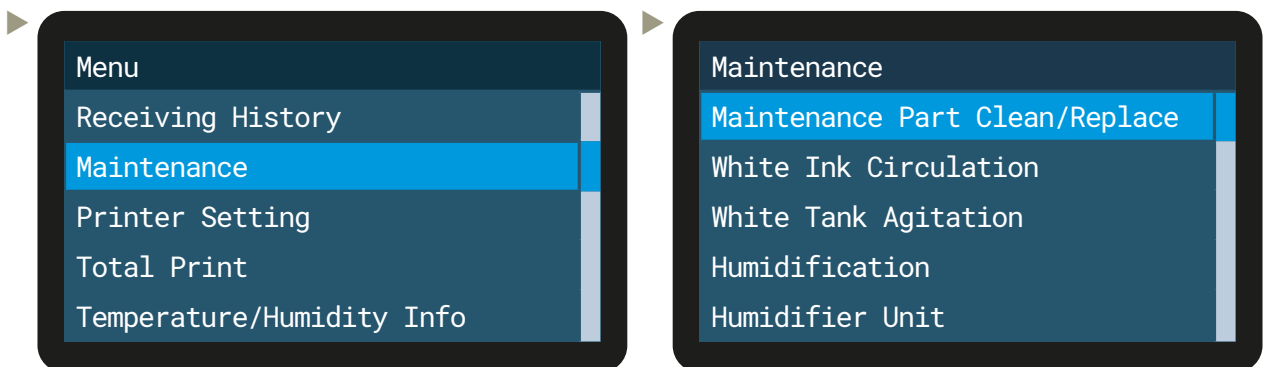
Prepare all six Cap Sets:



Check that all Rubber Caps are fixed on their metal plates

The Carriage has to be moved to the right side of the **GTX600 SB** to replace the Cap Set GTX6 Supply.

Make sure to perform this replacement **within 25 minutes**.



Maintenance Part Clean/Replace
Clean nozzle guard and cap
Replace maintenance unit parts
Replace mist fan filter

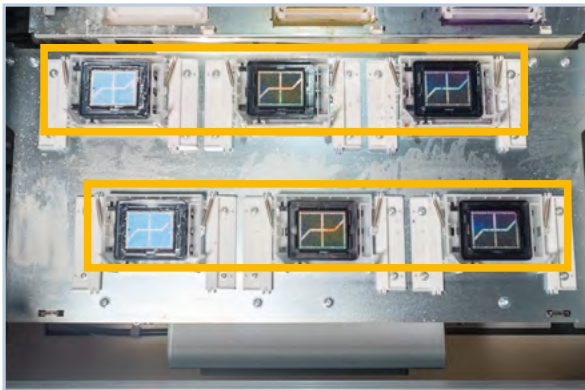
Replace maintenance unit parts
Head will move
for operation
Press OK to Move

Replace maintenance unit parts
Carriage is Moving

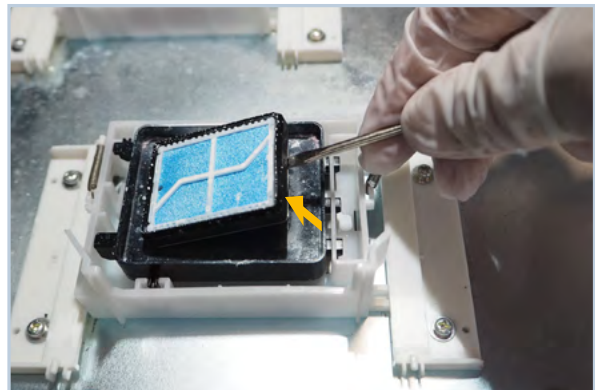
Replace maintenance unit parts
Perform Replacement
After the work is completed
Press [OK]

Take care to use different cleaning sticks for the cleaning of white parts and CMYK parts.

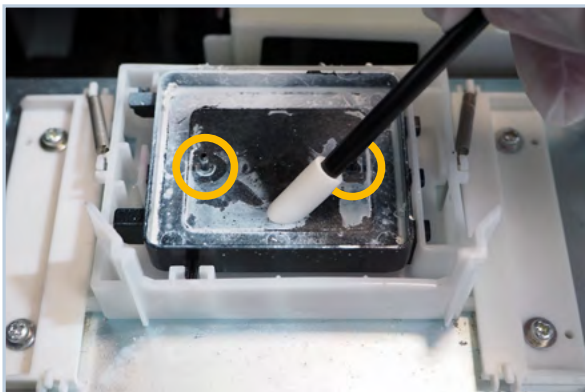
Replace all Cap Sets like shown in the following pictures:



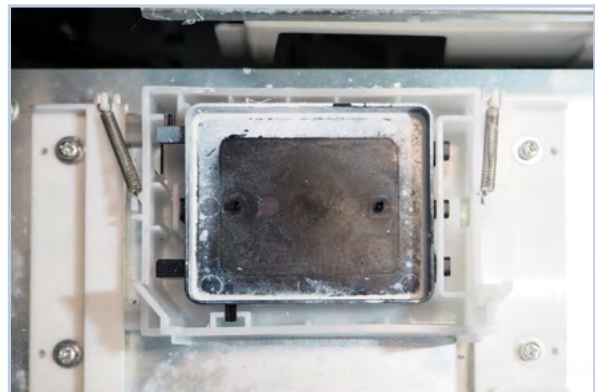
Position of the Cap Sets



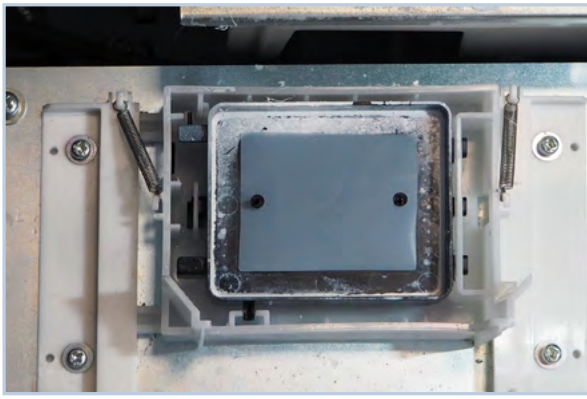
Carefully remove the Cap Set with a flat small screwdriver. Take care not to break the pins of the cap fixed plate.



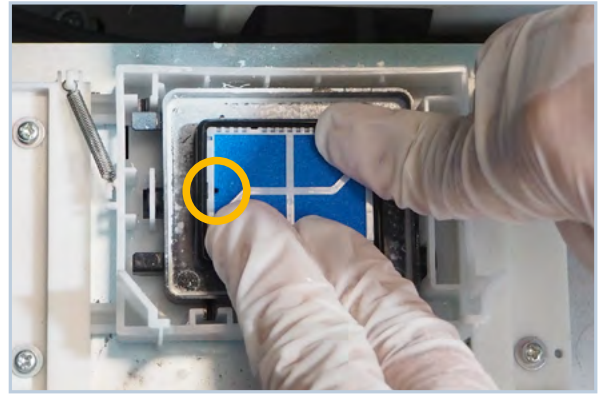
Clean the cap fixed plate.
Take also care about the pins.



Cleaned cap fixed plate



Lay the Cap Sheet into the Cap Fixed Plate.

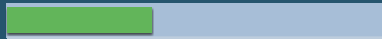


Reinstall a new Cap. Pay attention to install the Cap with the small hole on the left frontside.

Replace maintenance unit parts
 Check if all doors are closed
 Check doors and press [OK]

Replace maintenance unit parts
 Wiper is Moving

Replace maintenance unit parts
 Carriage is Moving

Auto Cleaning...

 Please Wait

► **Necessary parts:** Carriage Foam SP Supply Assy

Necessary tools: GTX600 Key

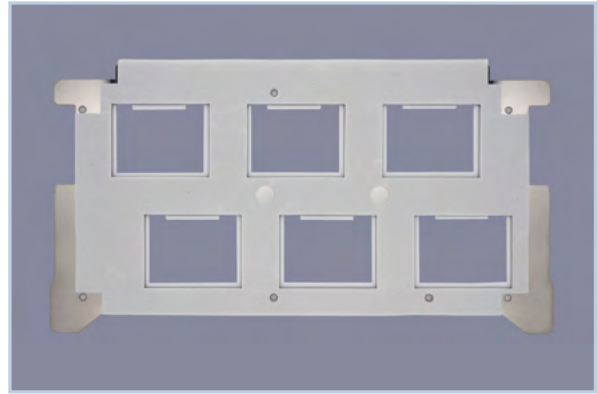
GTX600 Cleaning Solution

Cleaning Sticks R

Cup

Gloves

Small mirror



Carriage Foam SP Supply Assy

The carriage has to be moved to the right side of the **GTX600 SB** to replace the Carriage Foam. Make sure to perform this replacement **within 25 minutes**.

Menu

Receiving History

Maintenance

Printer Setting

Total Print

Temperature/Humidity Info

Maintenance

Maintenance Part Clean/Replace

White Ink Circulation

White Tank Agitation

Humidification

Humidifier Unit

Maintenance Part Clean/Replace

Clean nozzle guard and cap

Replace maintenance unit parts

Replace mist fan filter

Replace maintenance unit parts

Head will move
for operation

Press OK to Move

Replace maintenance unit parts

Carriage is Moving

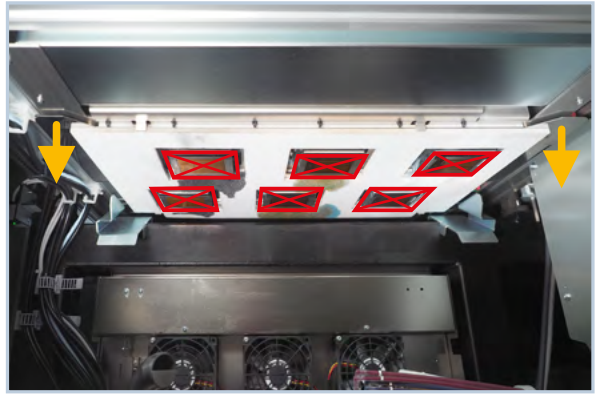
Replace maintenance unit parts

Perform Replacement

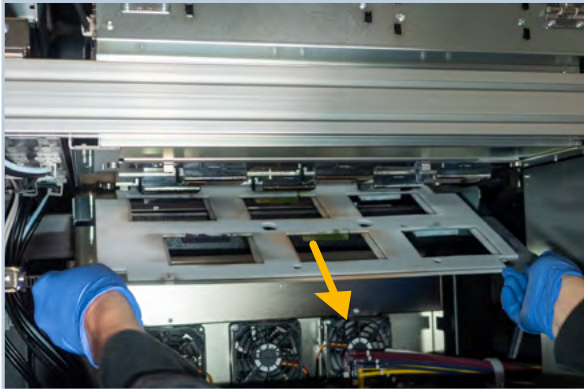
After the work is completed
Press [OK]



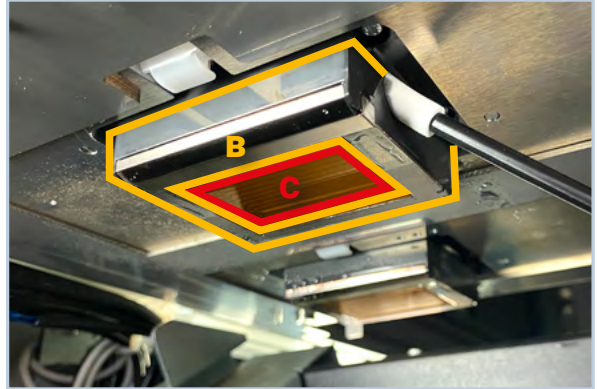
Position of the Carriage Foam Supply Assy



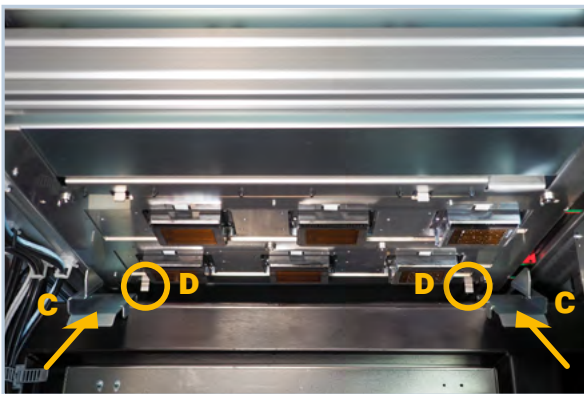
Pull the Carriage Foam downwards.
Do not touch the Nozzle Plates of the Print Heads.



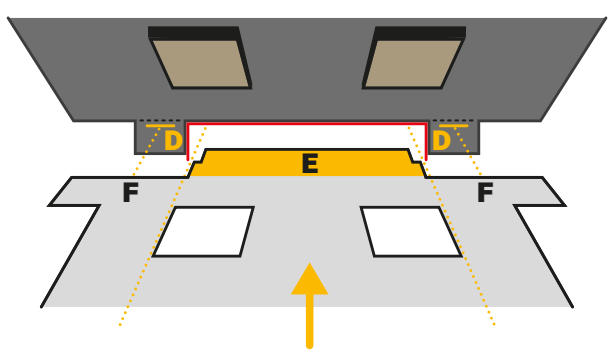
Remove the Carriage Foam by using the sliders of carriage guides on right and left side.



B: Clean the Printhead and Nozzle Guards area, a small mirror is helpful.
C: Do not touch the Nozzle Plates.
Repeat the operation on all four printheads.

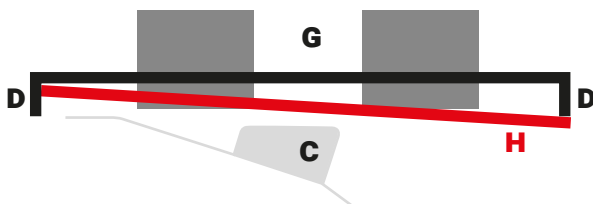


C: Carriage Guides with sliding surface
D: Rear stoppers



The area **E** of the Carriage Foam should fit into the gap between the stoppers **D**.
The moving of the inserting must be stopped at the edges **F** by the stoppers.

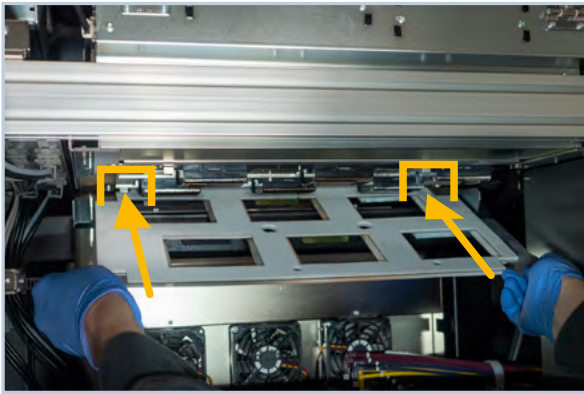
Side section view: **G:** Carriage; **D:** Stoppers; **H:** Carriage Foam; **C:** Guide.



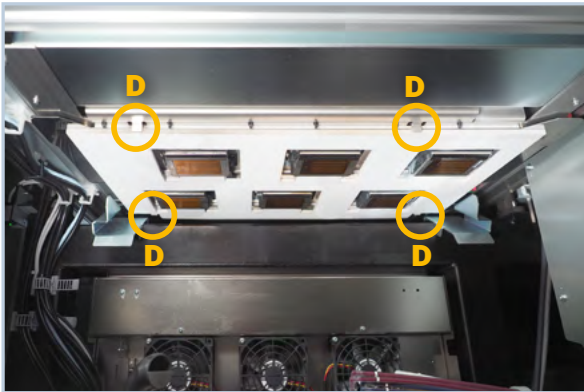
Wrong position of the Carriage Foam.



Correct position of the Carriage Foam.



Slide up the new Carriage Foam until it touches both rear stoppers.



Attach the Carriage Foam to the magnets of the carriage.

D: Make sure that the Carriage Foam is correctly mounted and is not riding on the stoppers. Check that the foam plate has completely close contact to the carriage plate and that the nozzle plates protrude a little from the foam plate.

Replace maintenance unit parts
Check if all doors are closed

Check doors and press [OK]

Replace maintenance unit parts


Wiper is Moving

Replace maintenance unit parts

Carriage is Moving

Auto Cleaning...

Please Wait



- ▶ Check the condition of each Print head with a nozzle test and perform, if necessary, a cleaning.
- ▶ Finally close all covers of the **GTX600 SB**.

Great! Take a break because you professionally finished the 25k maintenance.