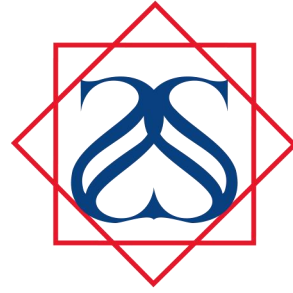


Catalogue

1. Machine display	1	14. Control Panel input and output designs	88
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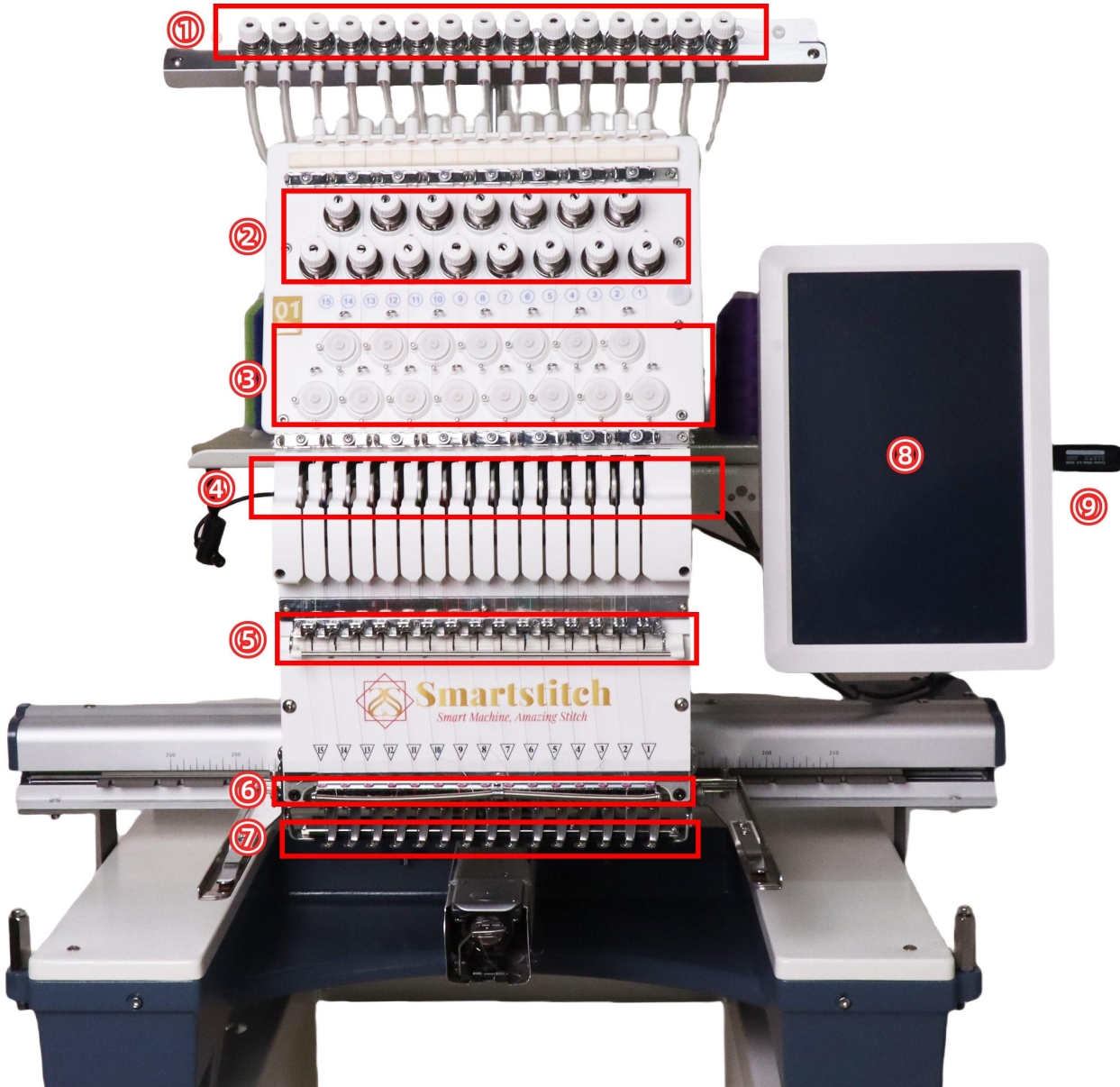
Smartstitch

Smart Machine, Amazing Stitch

S1501

Four Sides

Front View



- ① Topping Tension Knobs
- ② Lower Tension Knobs
- ③ Thread Breaking Sensors
- ④ Take Up Levers
- ⑤ Thread take-up Spring
- ⑥ Hanging Thread Spring
- ⑦ Needles and Thread
- ⑧ Control Panel
- ⑨ USB Driver

Back View



- ① Thread Rack
- ② Laser
- ③ X-Direction Guide
- ④ Switch and Power Outlets
- ⑤ Electric Motor
- ⑥ Nameplate
- ⑦ Control Panel Plug
- ⑧ Network Cable Connection Port
- ⑨ WIFI Adapter
- ⑩ Emergency Button

Side View - 1



① Thread Guide

② Laser

③ Adjustable Light

④ Thread Hook motor

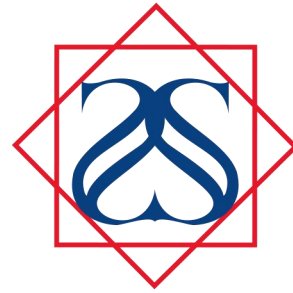
⑤ Jump Motor

⑥ Frame Holder

Side View - 2



- ① Thread Rack
- ② Color-changing Motor
- ③ Main Shaft Button
- ④ Adjustable Light
- ⑤ Frame Holder



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Uninstall Cap Driver

Video link:

<https://www.youtube.com/watch?v=wgDtz-55EE0>



Step 1

There are three latches located at 7 o'clock, 11 o'clock and 1 o'clock position. You need to press these three latches at the same time and remove the hooped cap.



Step 2

Rotate the cap to the right to prevent the brim from getting stuck or rubbing against the machine. Then pull it out slowly.



loosen(~~×~~ remove) the screws
with 3mm allen wrench

so they can stay attached to cap driver

Step 3

Loosen but not remove the screws with 3mm allen wrench. Make sure the screws can stay attached to cap driver



Step 4

Slide the cap driver out



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Get Started loading a bobbin into case & installation

Video link: <https://www.youtube.com/watch?v=deZH2SeOo2E>



Step 1

Put the bobbin into the bobbin case



Step 2

Make sure the bobbin direction is clockwise



Step 3

Pass the thread through the small gap



Step 4

Then it goes in the little hook



Step 5

Wrap the thread in the spring



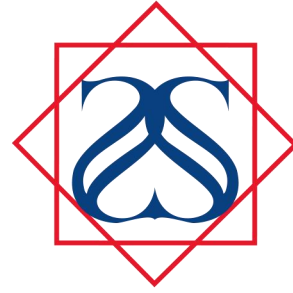
Step 6

Wrap the thread in the spring for 2 turns



Step 7

Install the bobbin, make sure it's stuck in.
and you will hear a snap sound



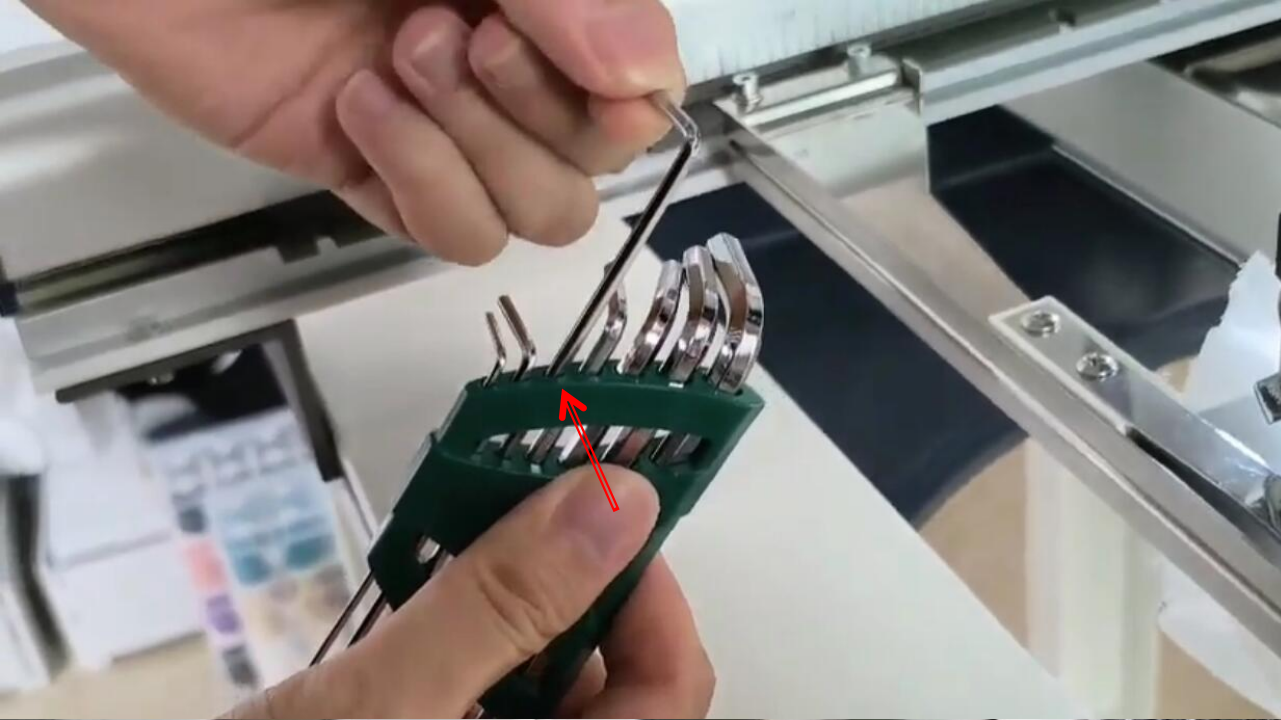
Smartstitch

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Lift the thread rack

Video link:

<https://www.youtube.com/watch?v=UCzzD1Wy15k>



Step 1

Prepare a 2.5mm allen wrench



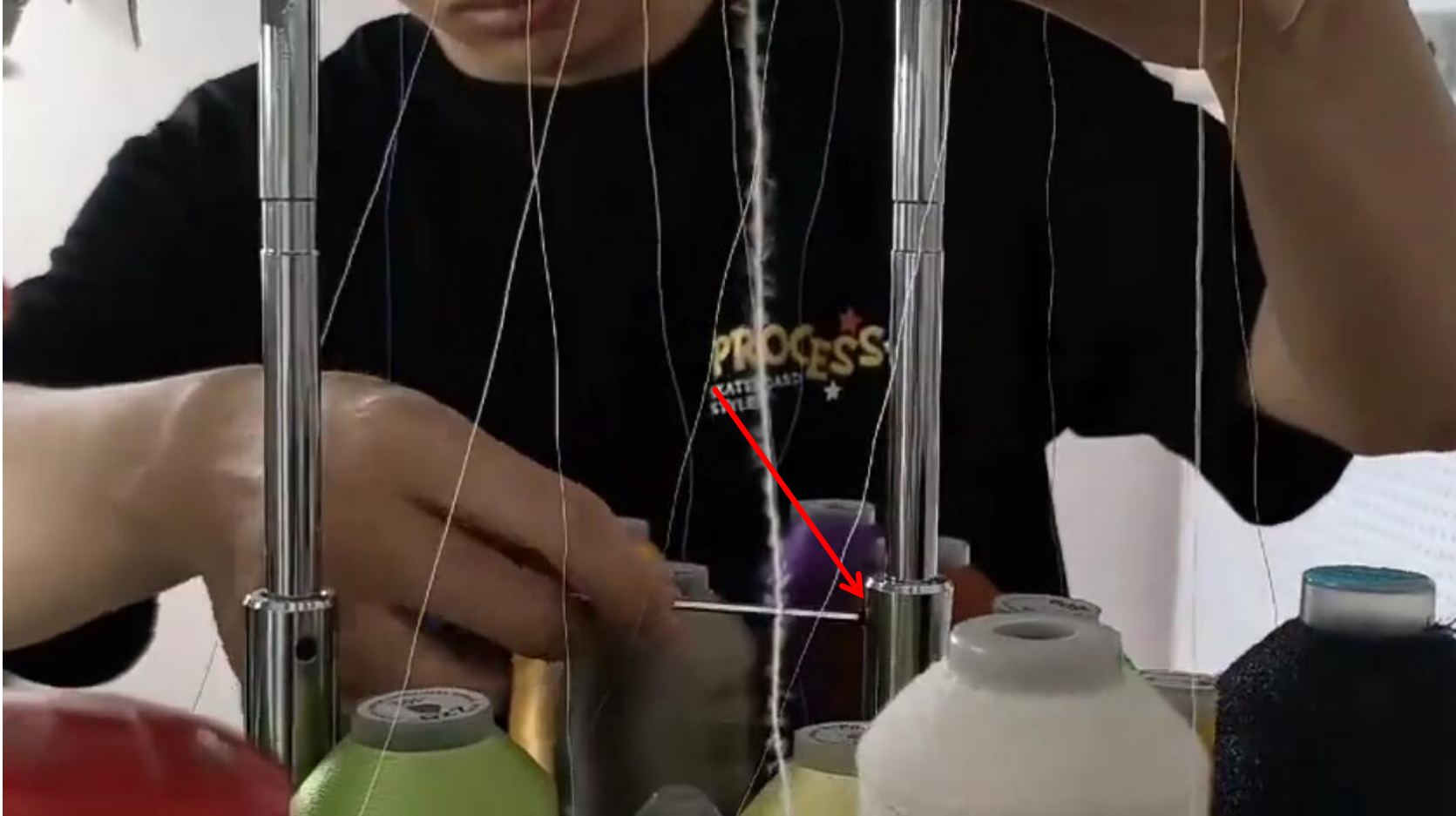
Step 2

Each rack has a hole,
there is a screw in the hole



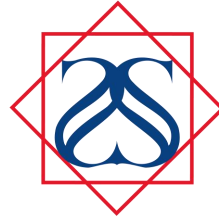
Step 3

Lift the thread rack higher



Step 4

Use the 2.5mm allen wrench to tighten the screw in the hole



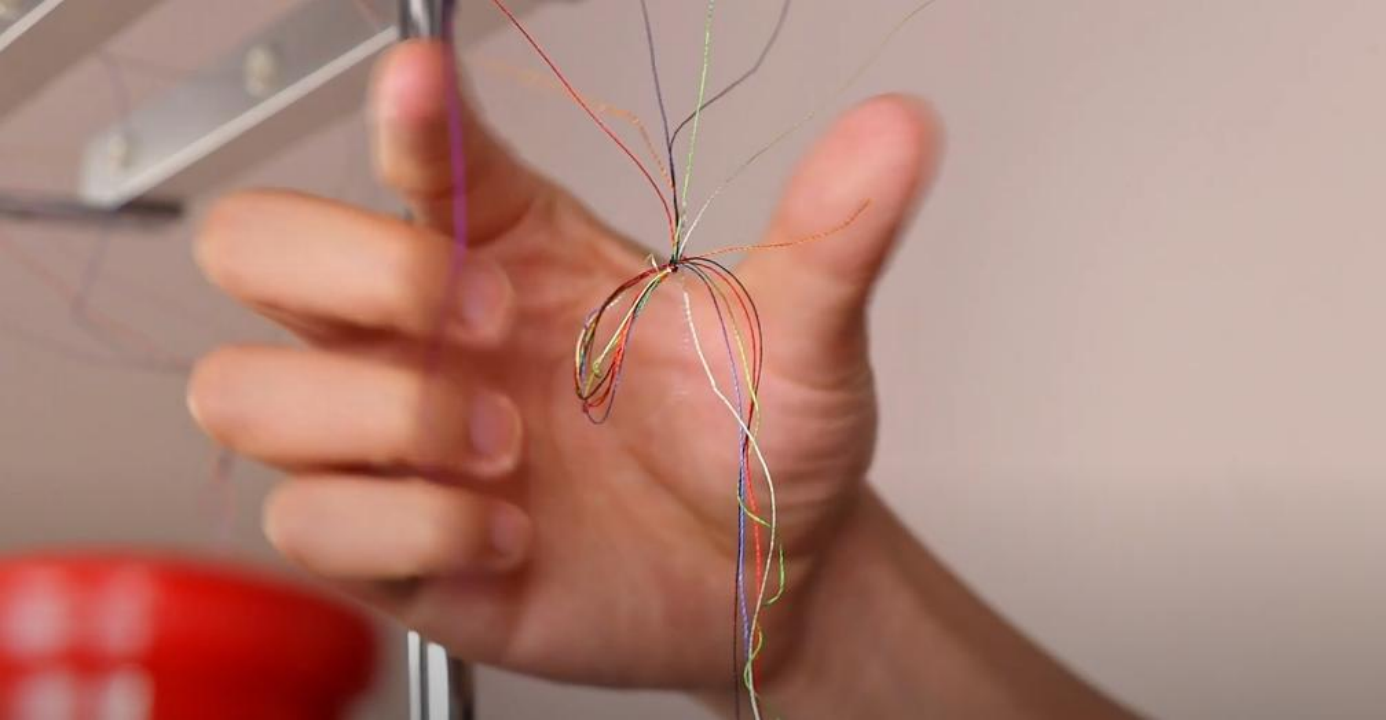
Smartstitch
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Get Started Threading

Video link:

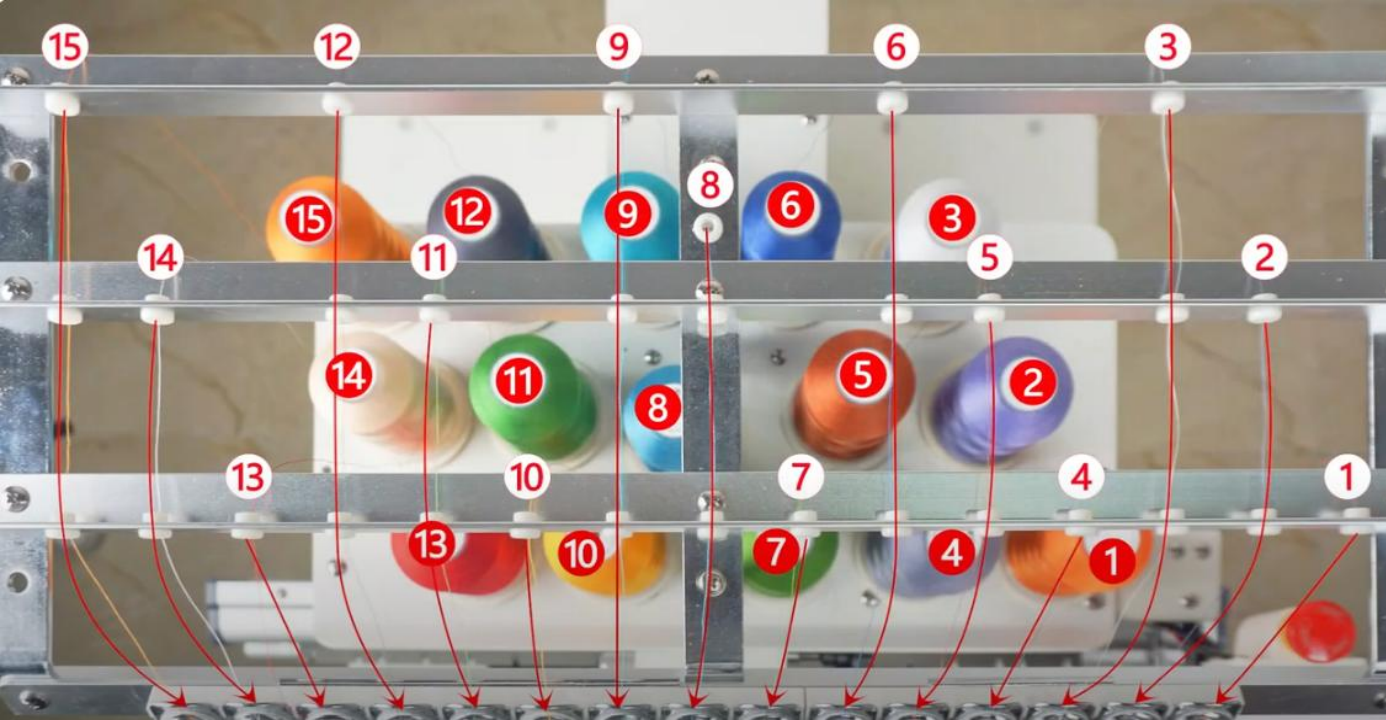
<https://www.youtube.com/watch?v=4RJujFtOhn4&list=PLwaLhU0aOSIqcZD4an3yne4ltNlRfpEju&index=4>

Method 1



Step 1

Untie the knotted thread

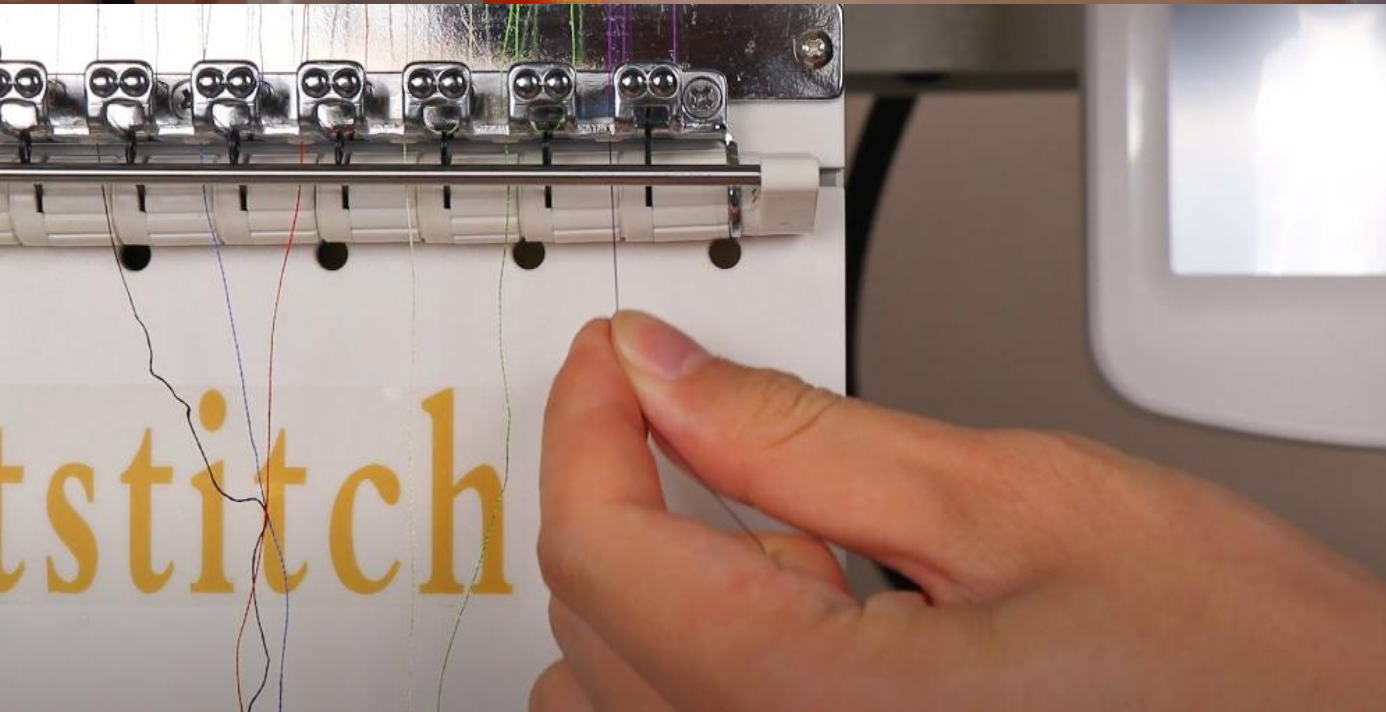


Threading diagram



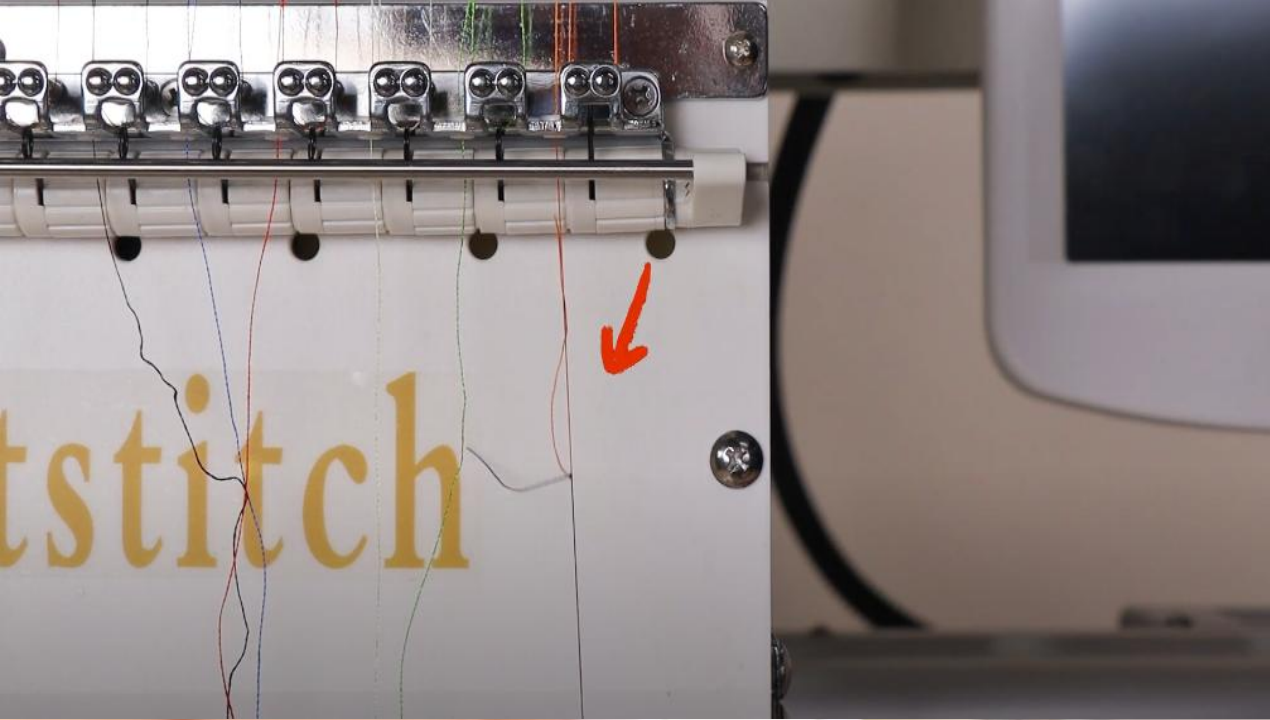
Step 2

Tie each thread end with that
of spools on the machine
accordingly



Step 3

Pull the knotted thread from
the bottom slowly



Step 4

Knot goes down



Step 5

Pass the thread through the
magenta hole



Step 6

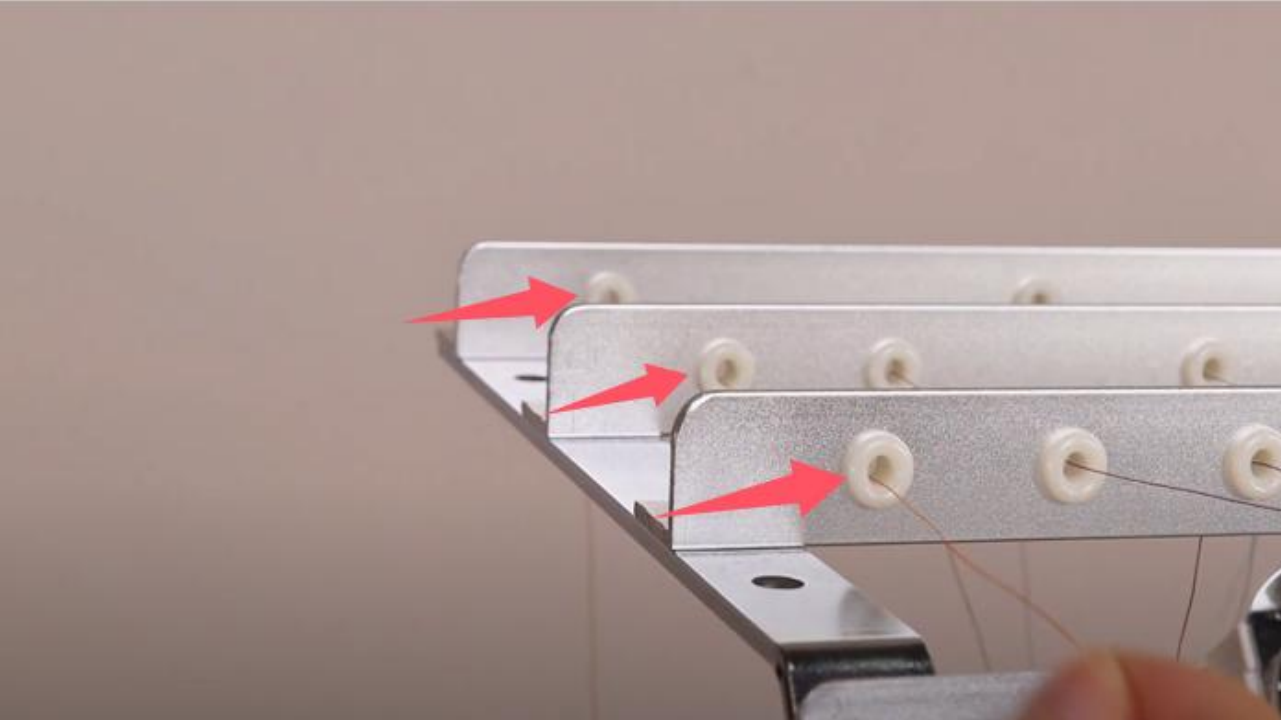
Pass through the needle hole



Step 7

Keep the thread in the spring from being tangled in embroidery process

Method 2



Step 1

Pass the thread through each eyelet



Step 2

Pass the thread through the eyelet of the upper tensioner



Step 3

Keep the thread in the slot in the tension disk



Step 4

Remove the thread tube



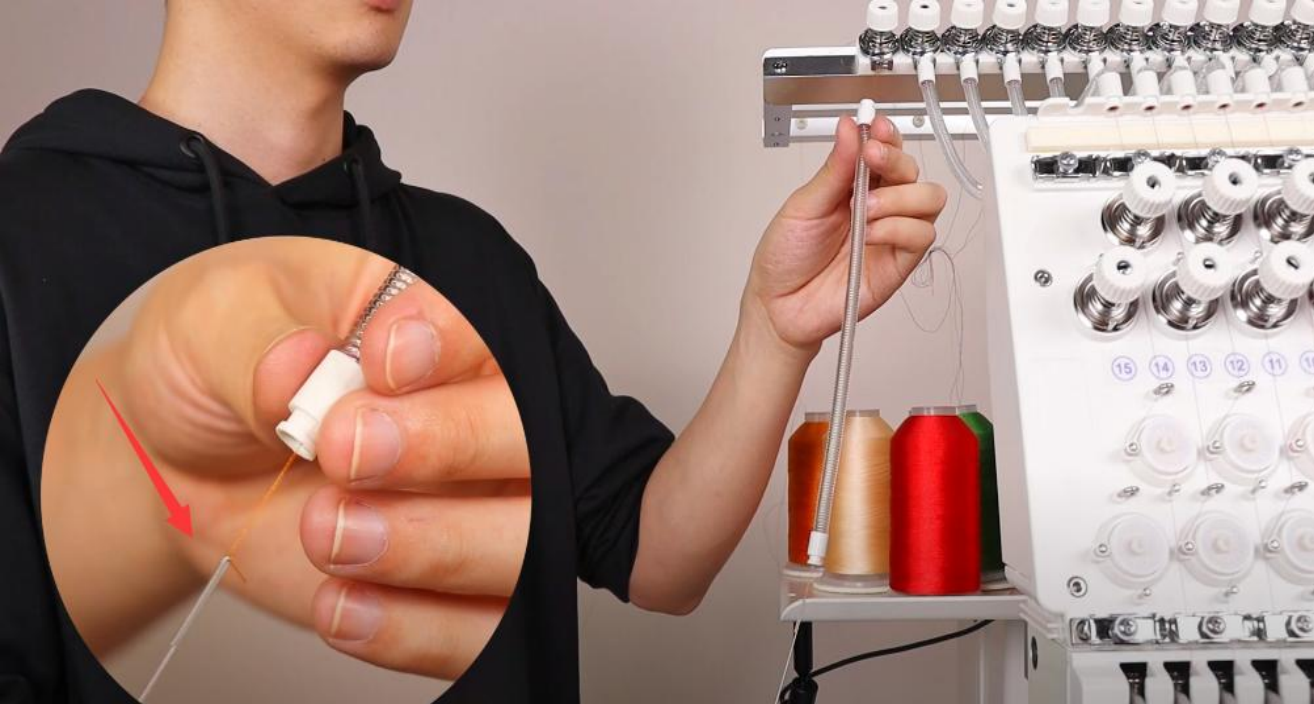
Step 5

Pass the threading tool through the thread tube



Step 6

Keep the thread into the hook of the threading tool



Step 7

Pull the threading tool



Step 8

Install back the thread tube



Step 9

Pass the thread under the guide plate accordingly

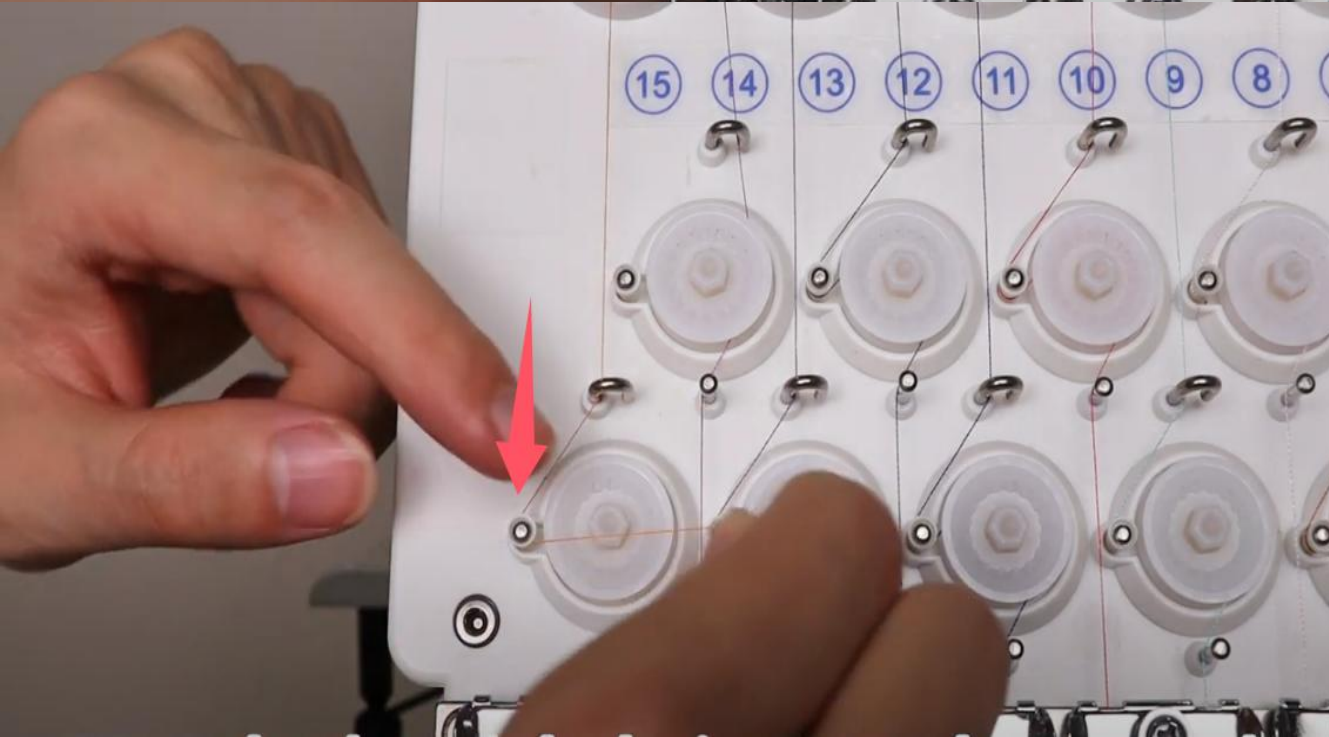
Step 10

Make sure you pass the pin from the left



Step 11

Pass through the threadclamp



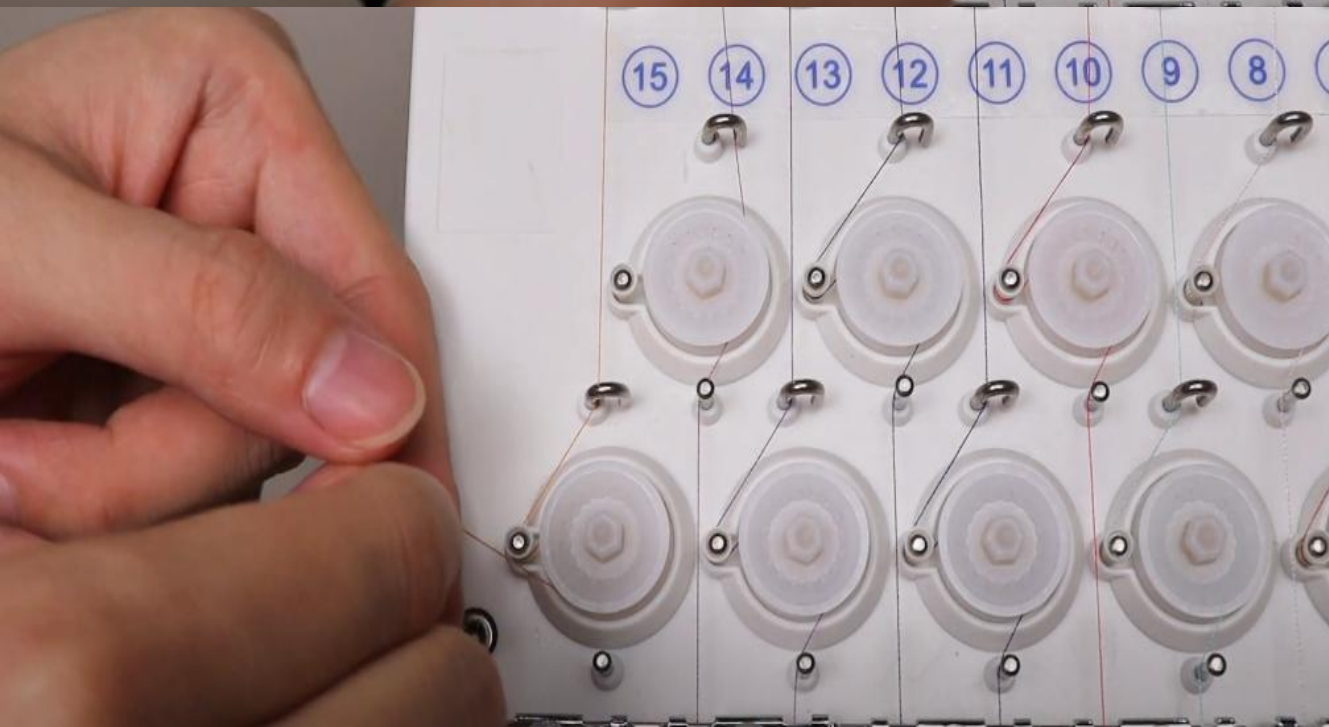
Step 12

Wrap the thread around the outside



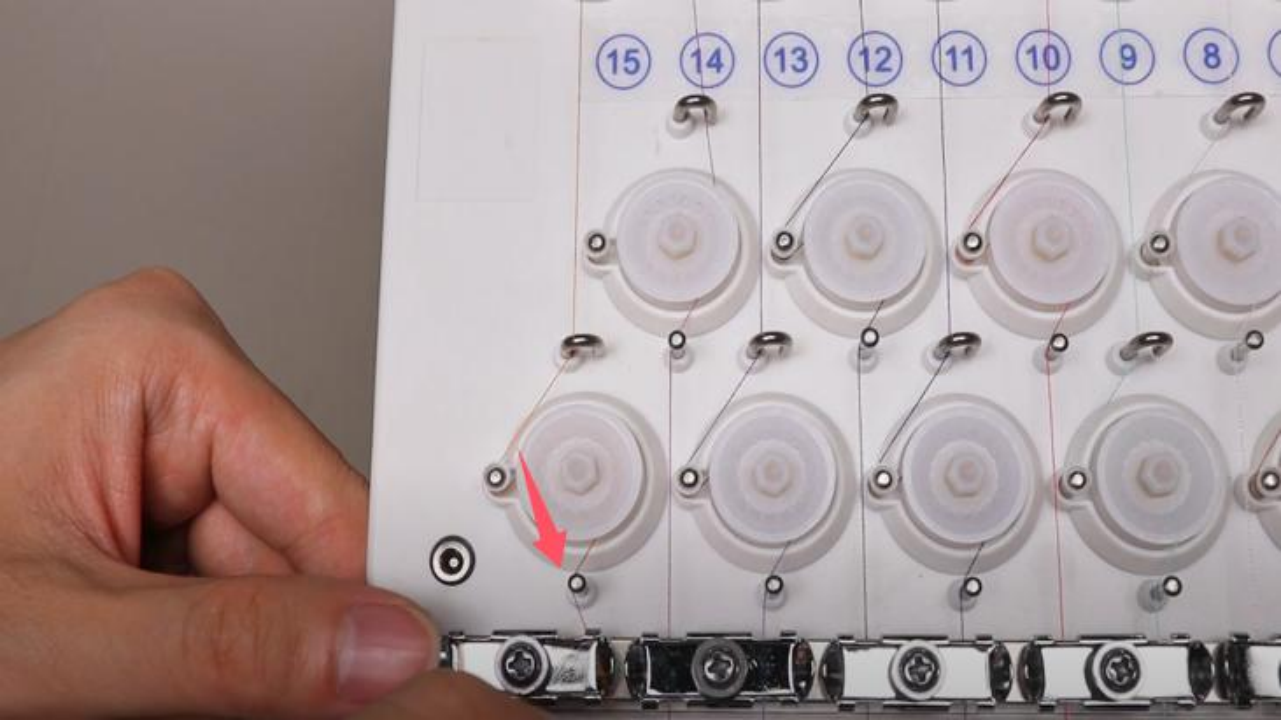
Step 13

Wrap the thread clockwise around the thread breakage sensor wheel



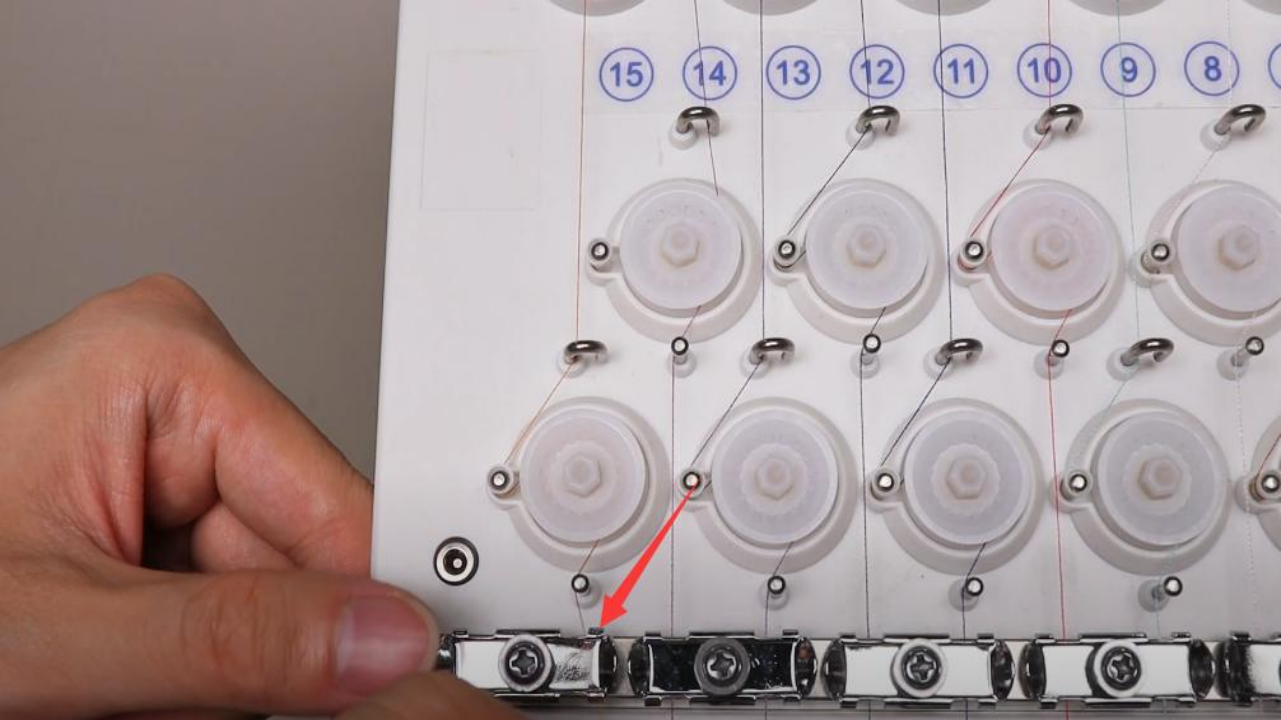
Step 14

Keep on wrap the thread clockwise



Step 15

Then thread goes down, it takes 1.5 turns in total, keep the thread on left of the pin



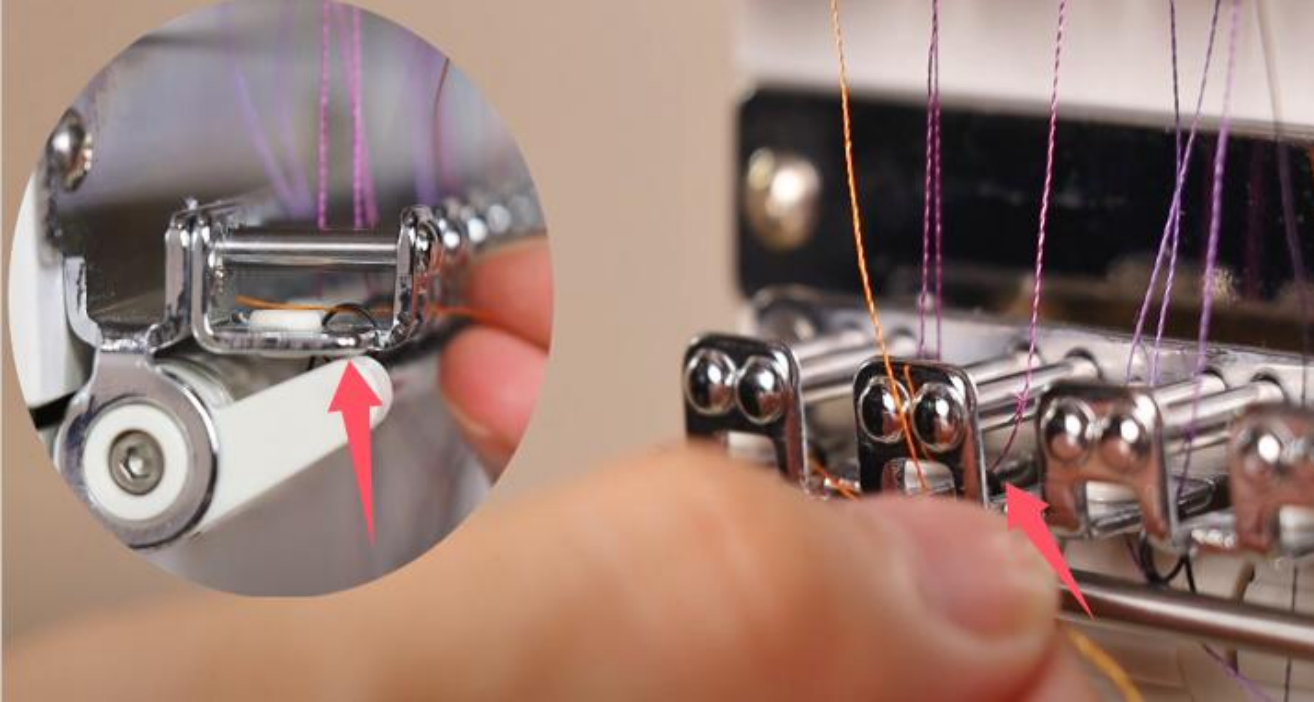
Step 16

Thread goes inside the silver clip accordingly



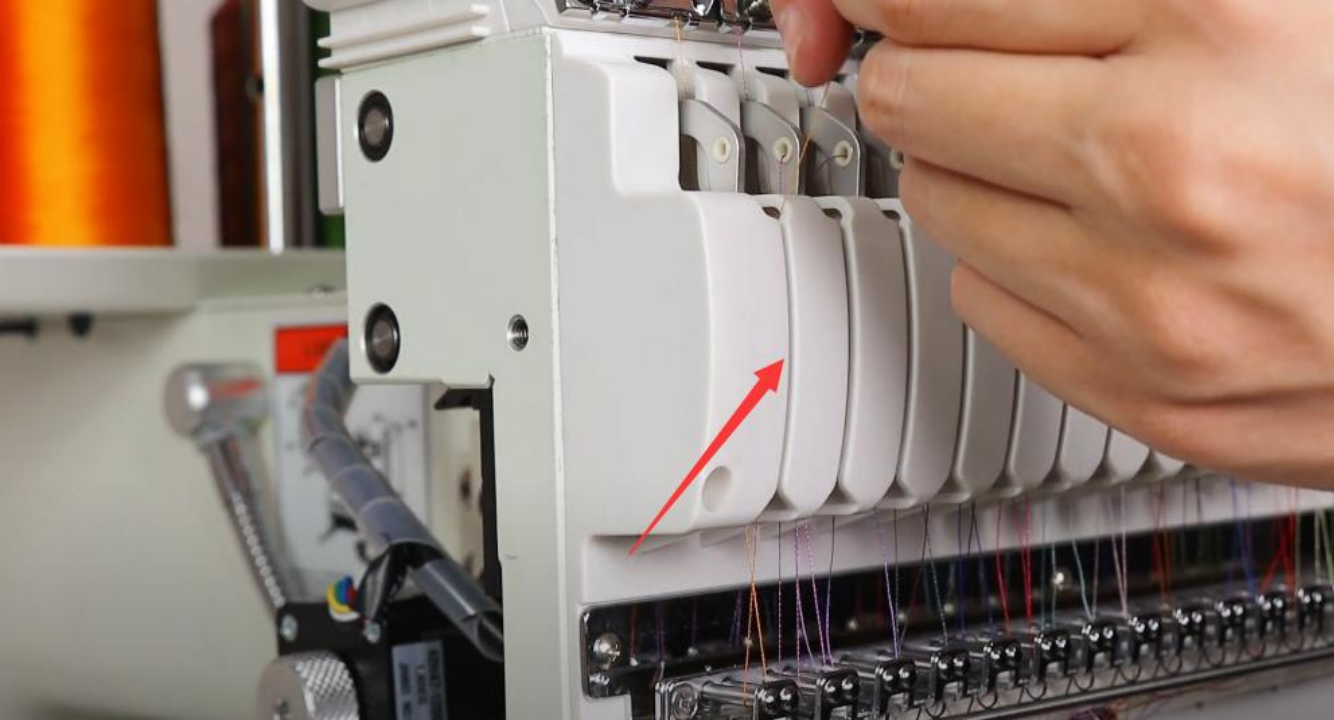
Step 17

Go down through the slot to the right of the take-up lever



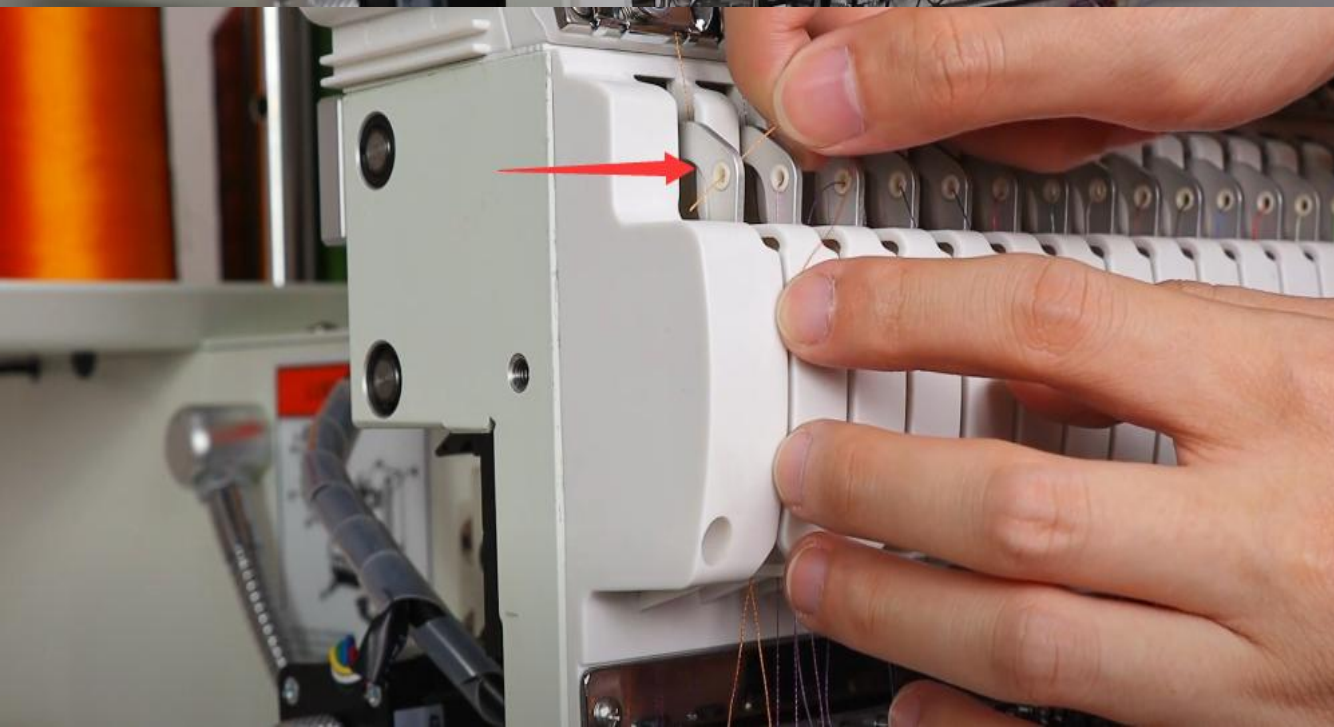
Step 18

Pass the thread from the right rod to the black spring and then out of the left rod.



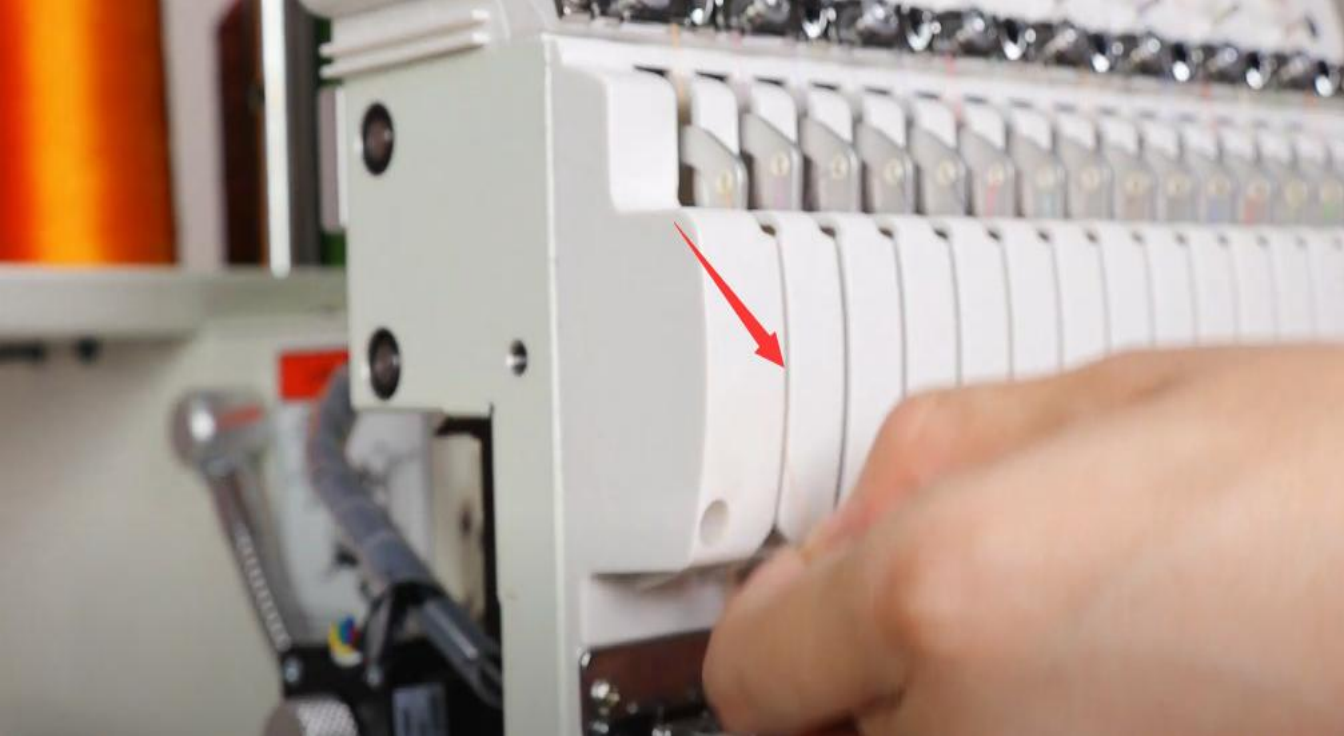
Step 19

Take up the thread, going up in the same slot



Step 20

Pass through the white hole from right to left



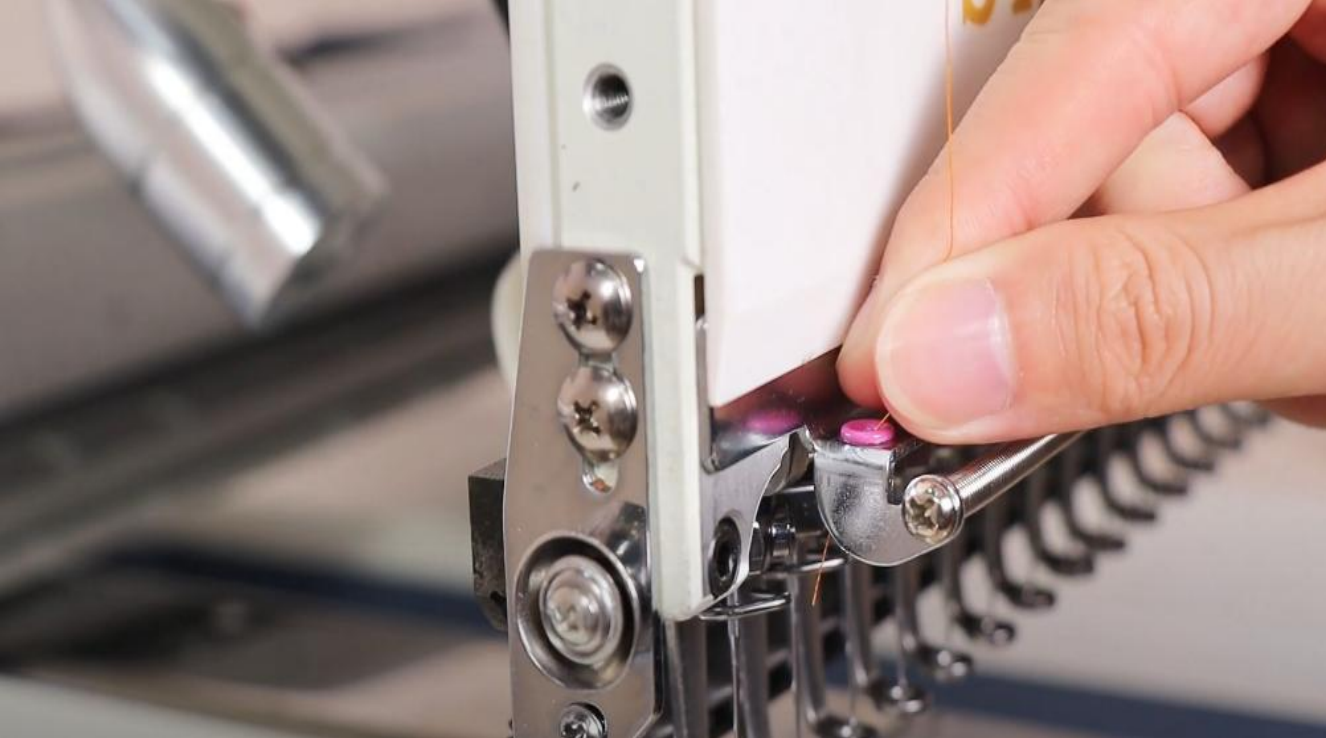
Step 21

Thread goes down through the same slot



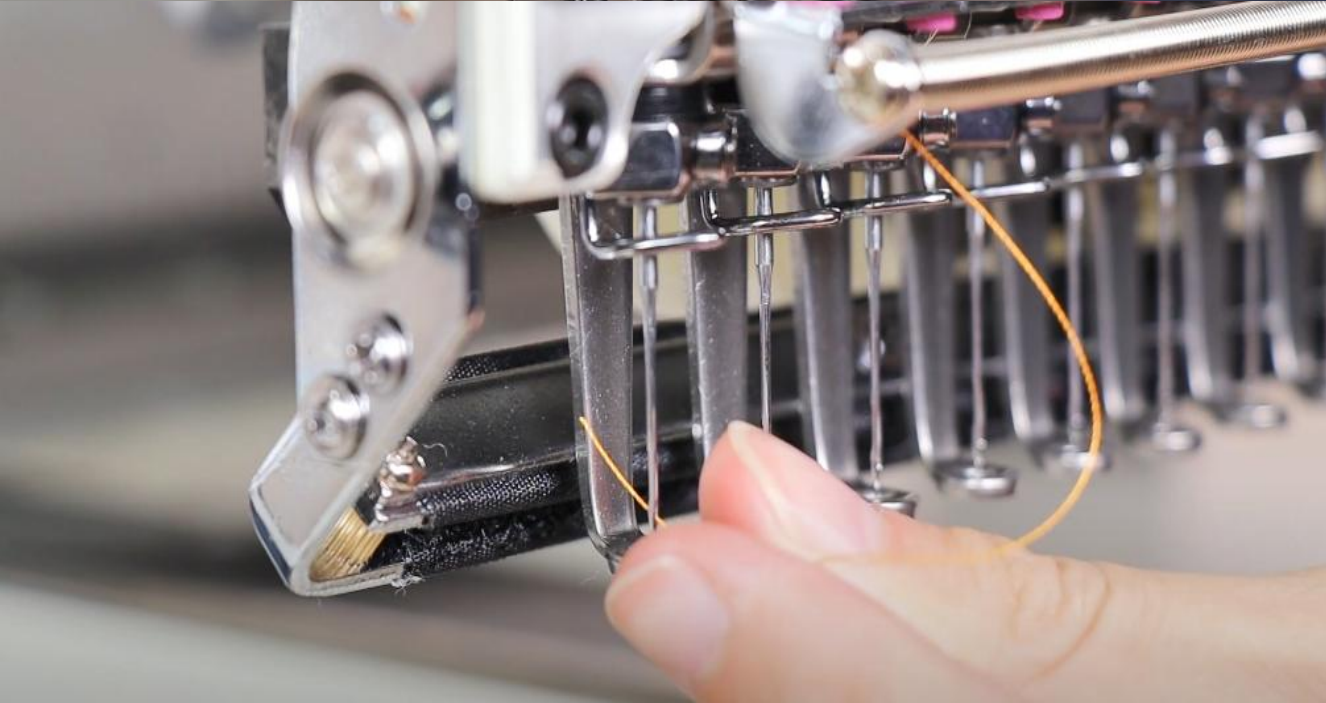
Step 22

Pass through the white eyelet



Step 23

Thread goes down through the
magenta eyelet



Step 24

Pass through the needle hole



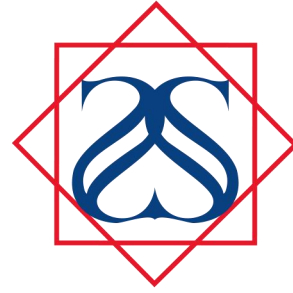
Step 25

Keep the thread hanging out of the needle, fix it in the upper spring from tangling



Step 26

Put down the spring bar, making it vertical to the machine board



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How to change the display color

Video link:

<https://www.youtube.com/watch?v=UtWI6gcf1P4>



Tips:

When the machine is in embroidery confirmation status (the button is blue), the parameters are locked.

Step 1

Switch embroidery confirmation status (the button is blue) to embroidery preparation status (the button is pink)

Change to preparation status

Step 2

Click “User Parameters”



Click "User parameters"



Go to page 3

Step 3

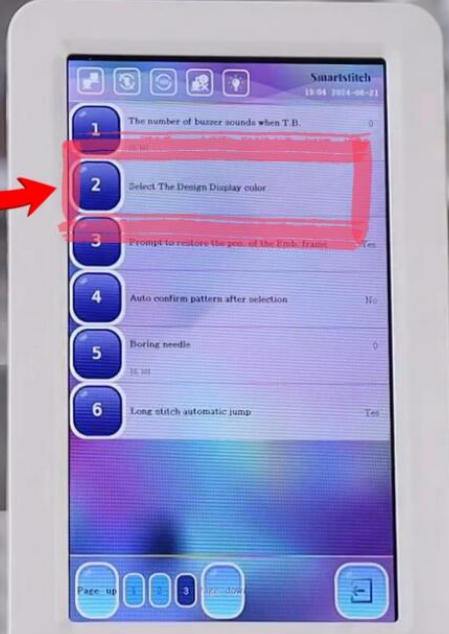
After clicking “User Parameters”, click
“Embroidery Assistant Parameters”

Step 4

Go to page 3

Step 5

Click “Select The Design Color”



Select the design display color

Step 6

Match the real color with the display color

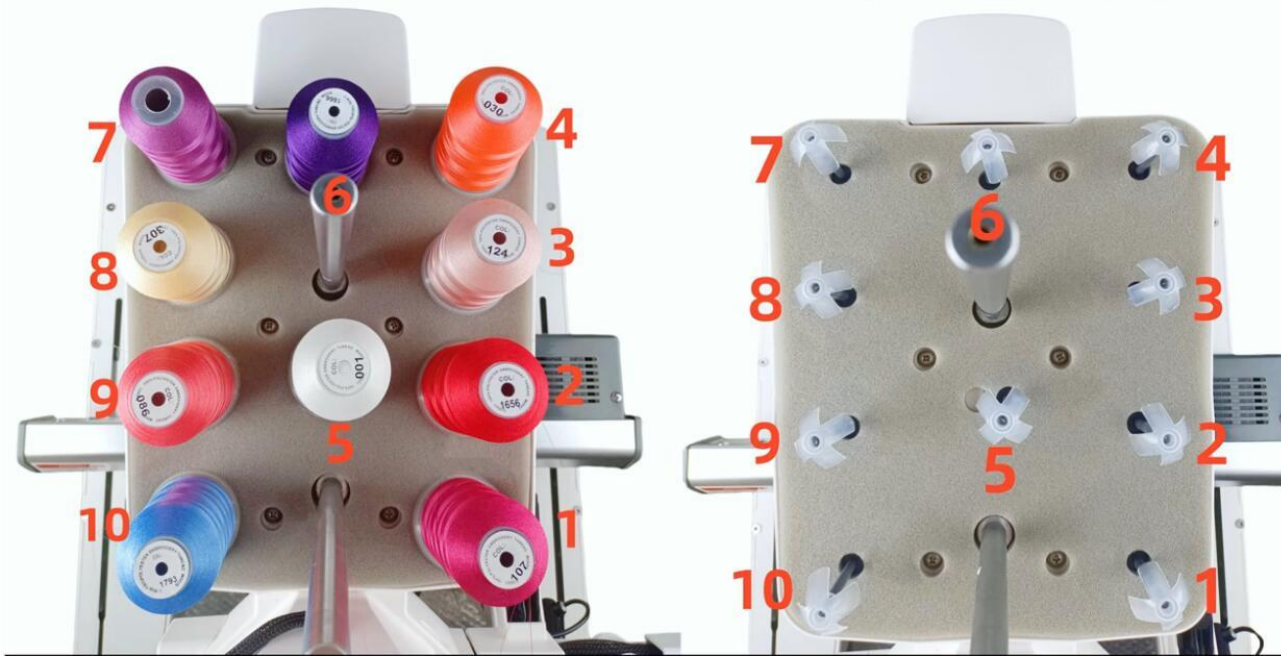


Select the design display color



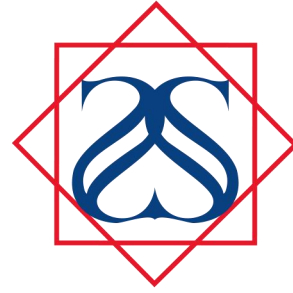
Top view of thread rack

Top view of thread rack



Tips:

Pay attention to the order of placing the spools.



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Install the frame holder

Video link:

<https://www.youtube.com/watch?v=uRnYjJpDi7I>



Step 1

Take out the frame holders from #1 box. The red rectangle part should face up.



Step 2

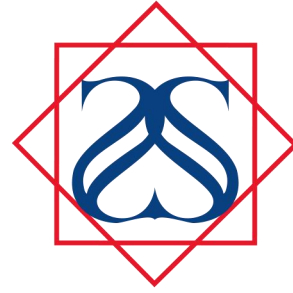
Find the fifth and sixth holes at both sides, then tighten the screws



Step 3

The frame holder is also installed in the fifth and sixth holes on the other side.

You can loosen or tighten the screw (red circle part) to adjust the gaps (red rectangle part) in the embroidery armrests.



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Hoop the fabric and install the frame

Video link:

<https://www.youtube.com/watch?v=uRnYjJpDi7I>



Placement order: bottom of frame,
stabilizer, fabric, upper of frame

Step 1

Take the ring out of the frame
and loosen the screw



Placement order: bottom of frame,
stabilizer, fabric, upper of frame

Step 2

Put the stabilizer on top of the ring



Step 3

Put the fabric on top of the stabilizer



Step 4

Press the frame down
The flat side of the frame faces up
and the protruding side faces down



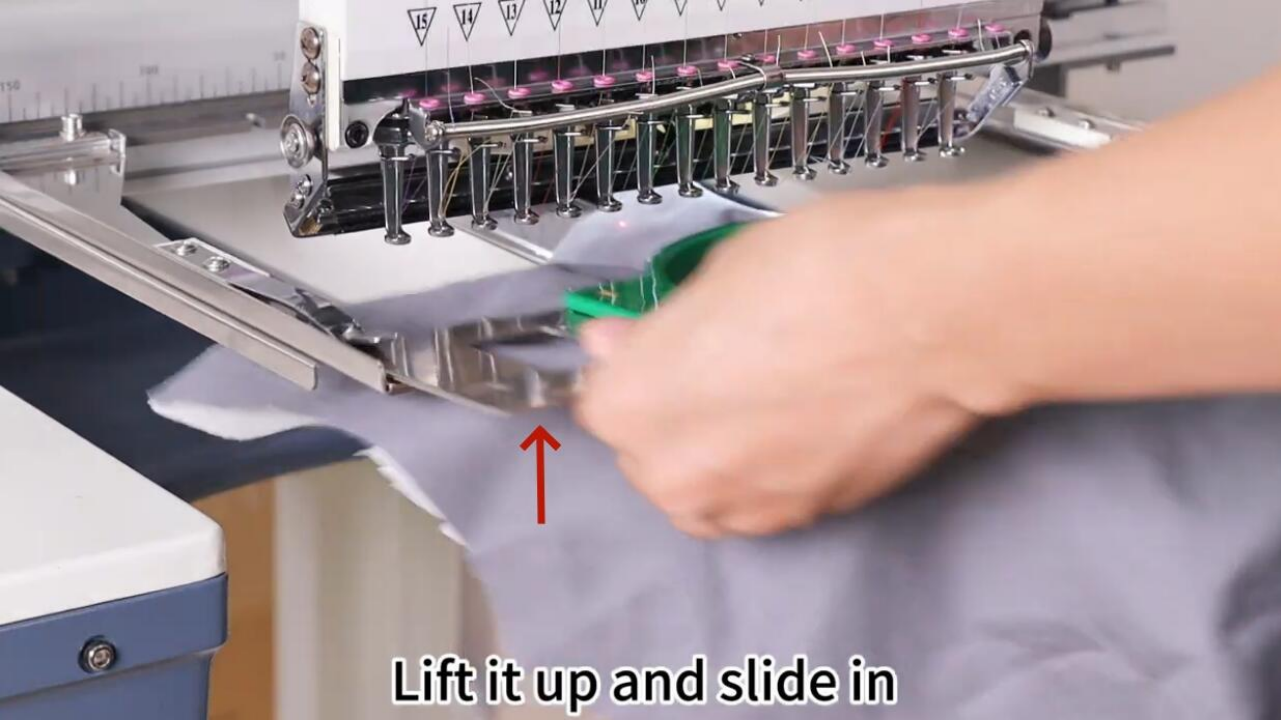
Step 5

Tighten the screw



Step 6

Pull the fabric (only fabric, not stabilizer) while pressing down the frame, make the fabric flat



Lift it up and slide in



Lift it up and slide in

Step 7

Lift the outward side of the frame up
and slide it in
Make sure the frame and the frame holders
don't move



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How to do Flat embroidery on control panel

Click the link below to watch the complete video of how to do flat embroidery:

<https://www.youtube.com/watch?v=uRnYjJpDi7I>



Step 1

Enter the pattern management page



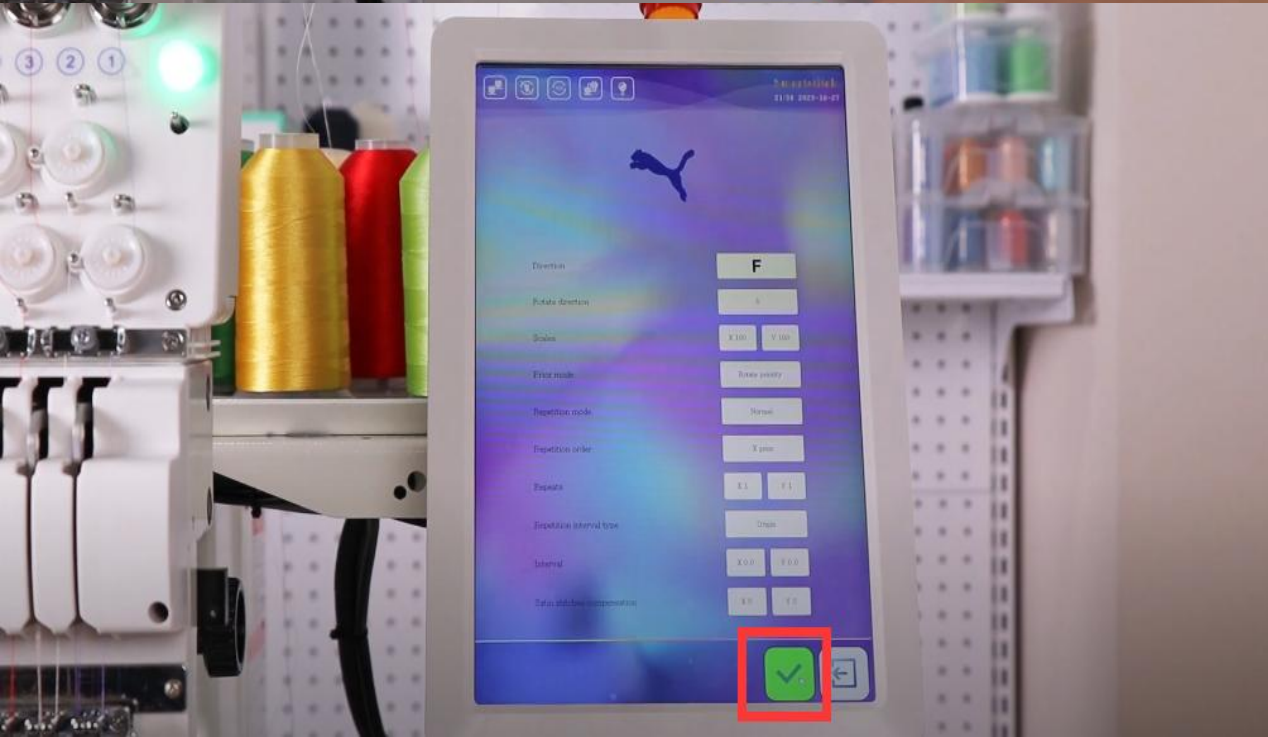
Step 2

Choose the pattern



Step 3

Hit green check mark



Step 4

Hit green check mark again

Step 5

Enter the frame manage page



Step 6

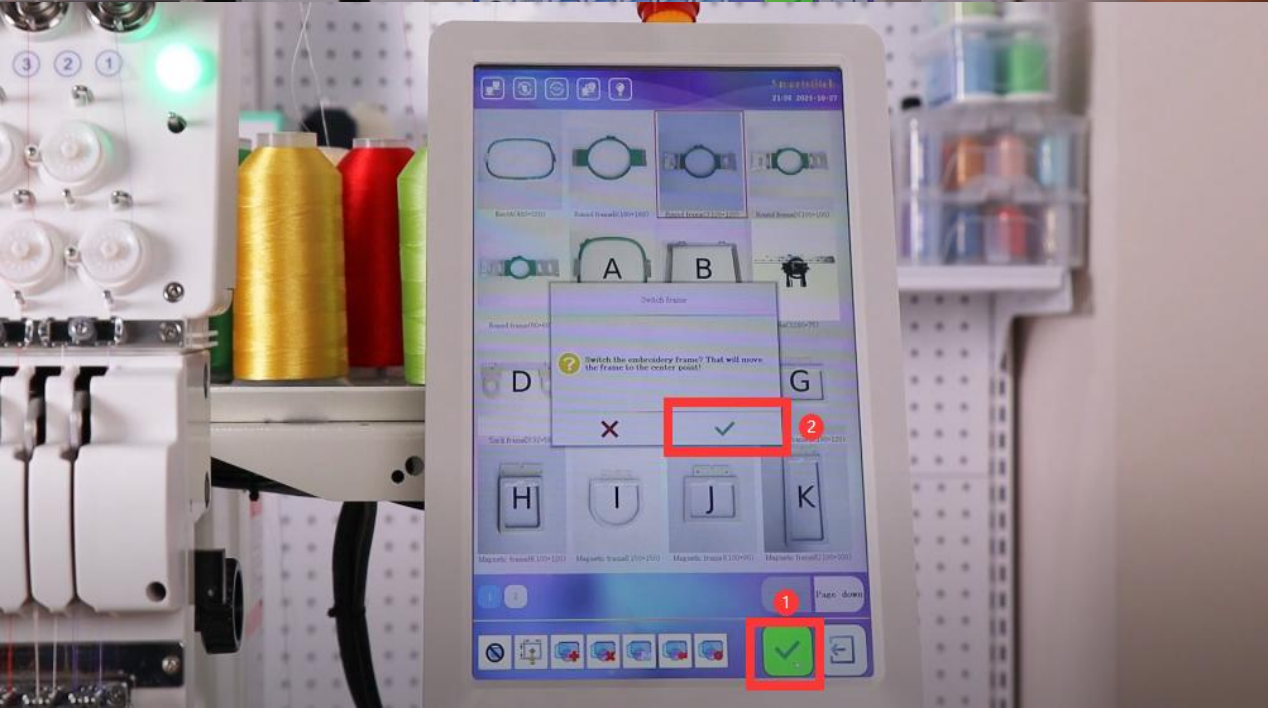
Hit the corner icon to choose the frame





Step 7

Choose the frame you attached on the machine



Step 8

Hit these two green check marks in order



Step 9

Automatically find the design origin



Step 10

Switch to number one needle

Step 11

Trace the frame, make sure the design does not exceed the embroidery range (the background should be **white**)



Step 12

Go back to the home page





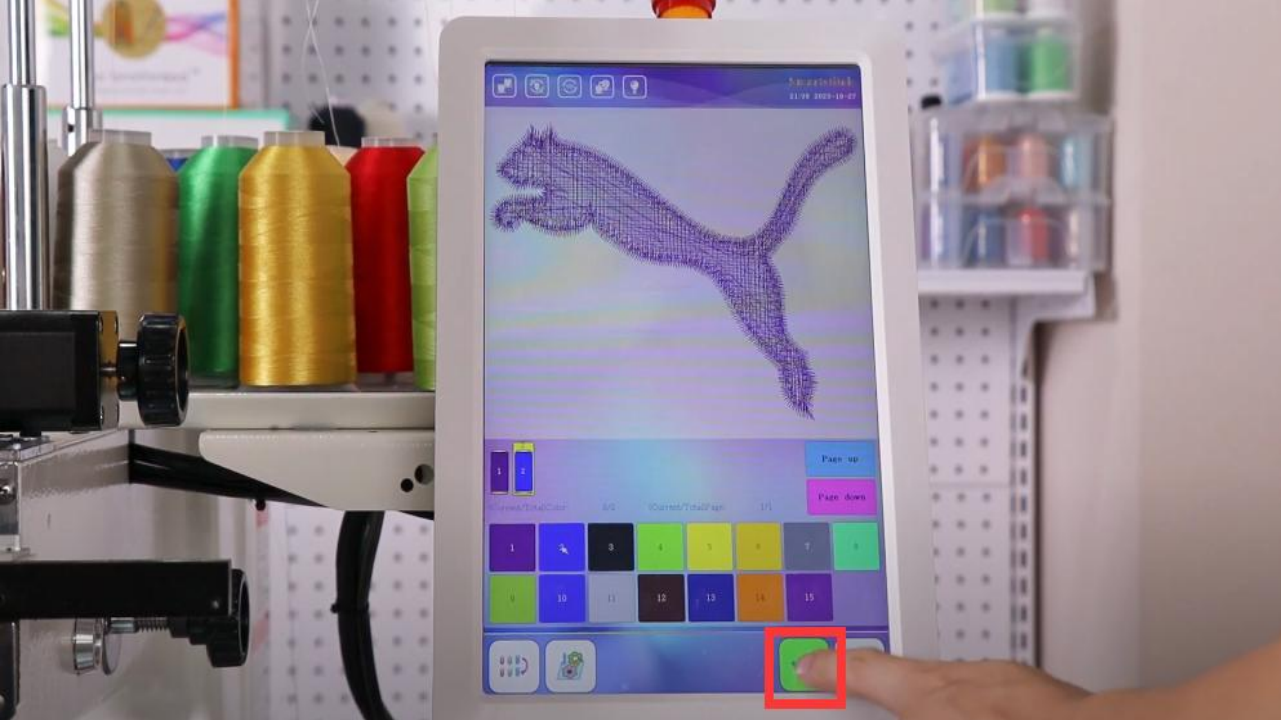
Step 13

Enter the color-setting page



Step 14

Set the color sequence



Step 15

Hit the green check mark



Step 16

Hit the pink icon that is embroidery preparation status



Step 17

Change to embroidery confirmation status



Step 18

Start to embroider



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How to do install cap driver

Click the link below to watch the complete video of how to install cap driver:

<https://www.youtube.com/watch?v=wgDtz-55EE0&t=66s>



Step 1

Enter the hoop management
page



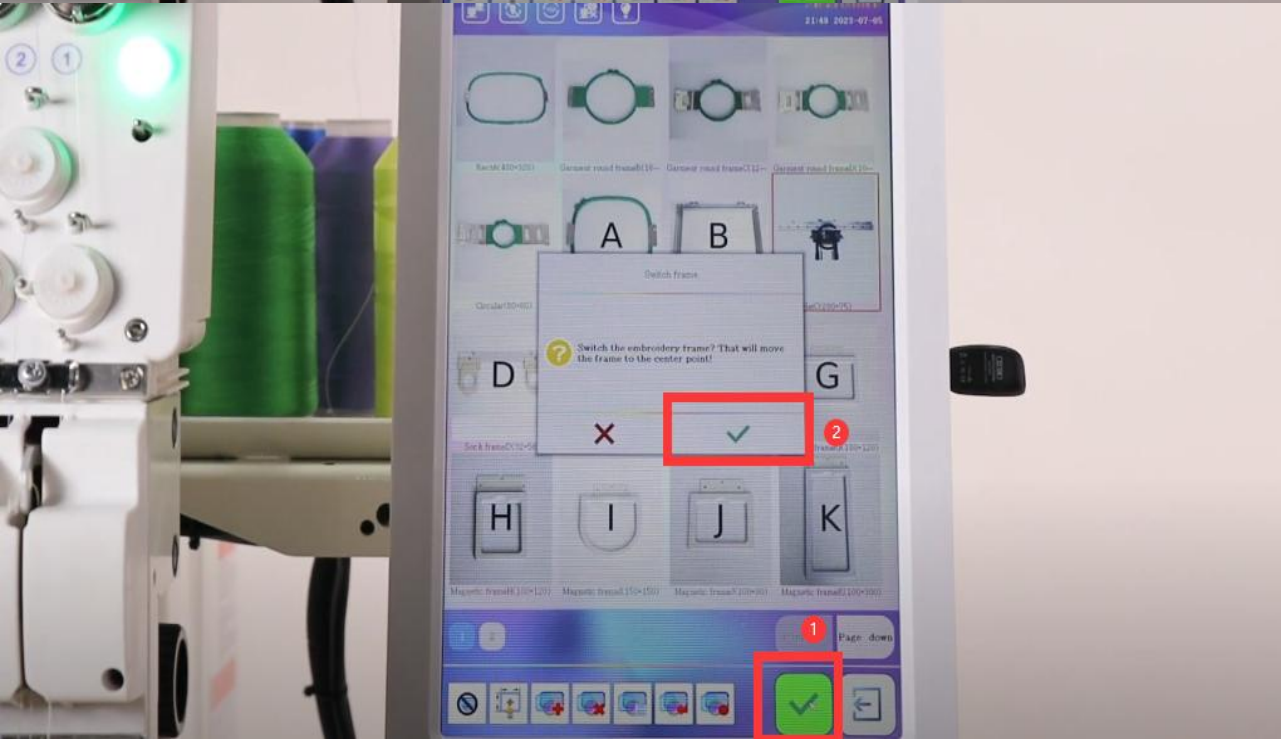
Step 2

Click the corner icon



Step 3

Choose the cap frame before installing the cap driver on the machine



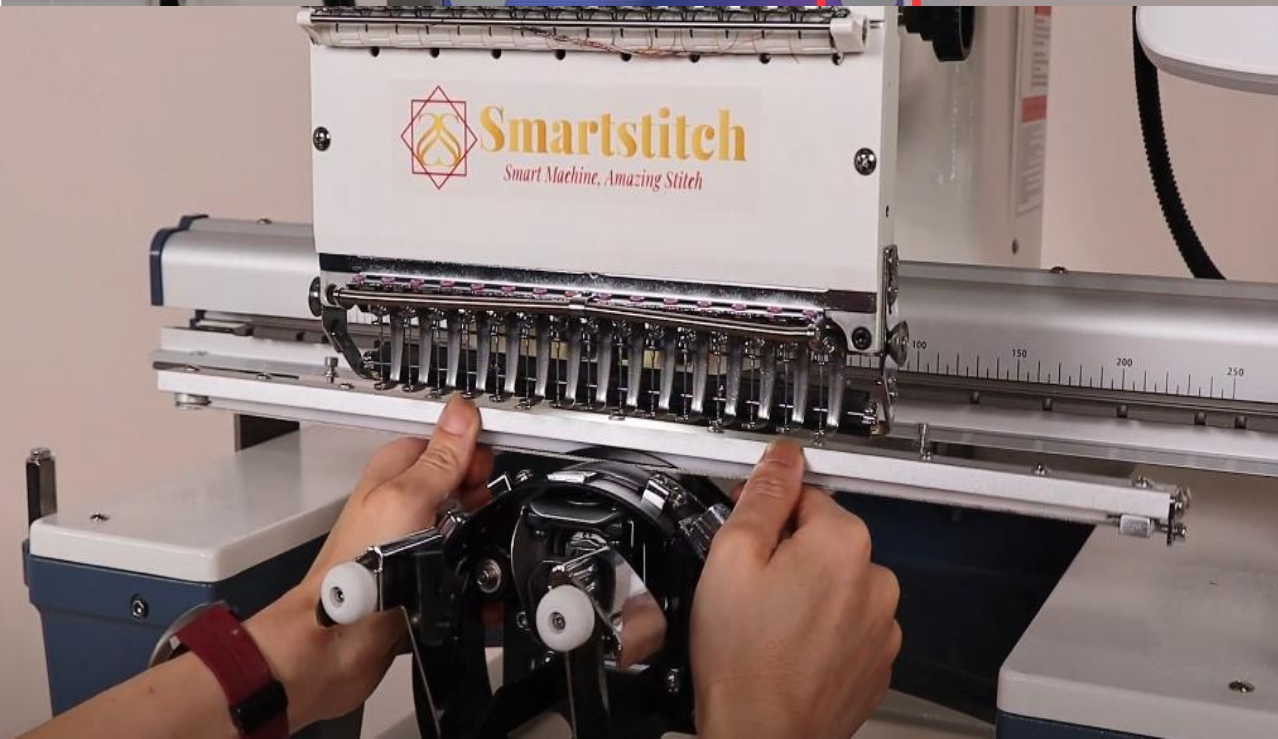
Step 4

Click green check mark in order



Step 5

Go back to the home page



Step 6

Slide the cap driver in

Step 7

Make sure the two screws
slide in the #5 notch on both
sides



Step 8

Tighten the two screws with
3 mm allen wrench



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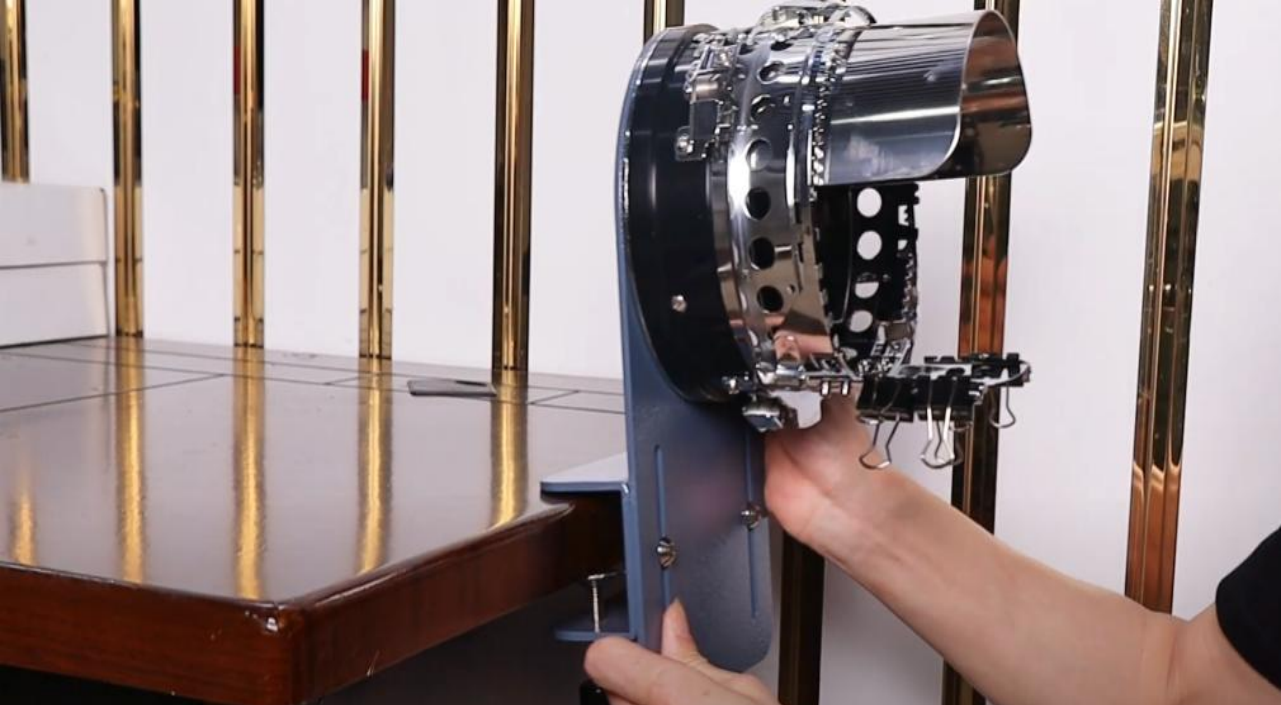
Get started hoop a cap

Click the link below to watch the complete
video of how to hoop a cap:

[https://www.youtube.com/watch?v=DzxY-G5-
3g4&t=9s](https://www.youtube.com/watch?v=DzxY-G5-3g4&t=9s)

Part 1

Attach Cap Station



Step 1

Clamp the cap station on the table



Step 2

Twist the two black knobs underneath to make sure the cap station is secured

Part 2

Hoop a Cap



Step 1

Remove those two screws on
the cap station with 3 mm
allen wrench



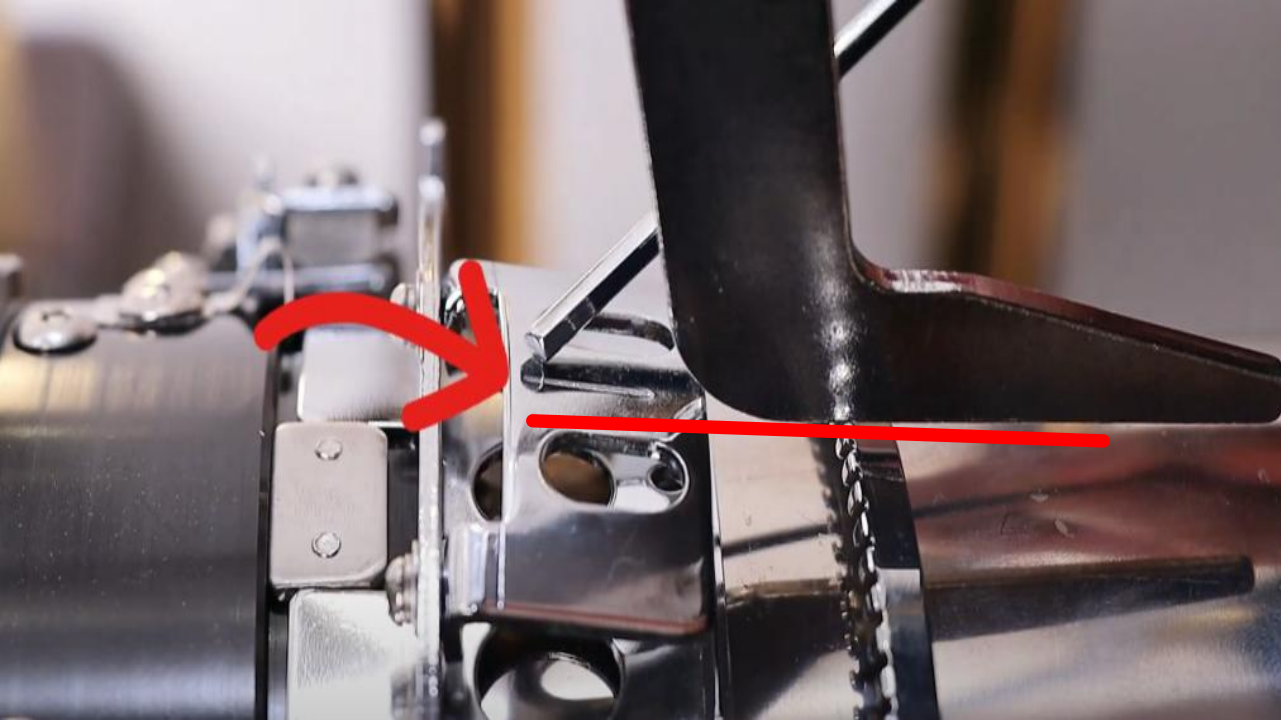
Step 2

Assemble alignment tool and
install those two screws



Step 3

Tighten those two screws on the cap station with 3 mm allen wrench



Step 4

Make sure the center line of the cap ring is aligned with the alignment tool



Step 5

If not aligned, loosen the screws to adjust the direction



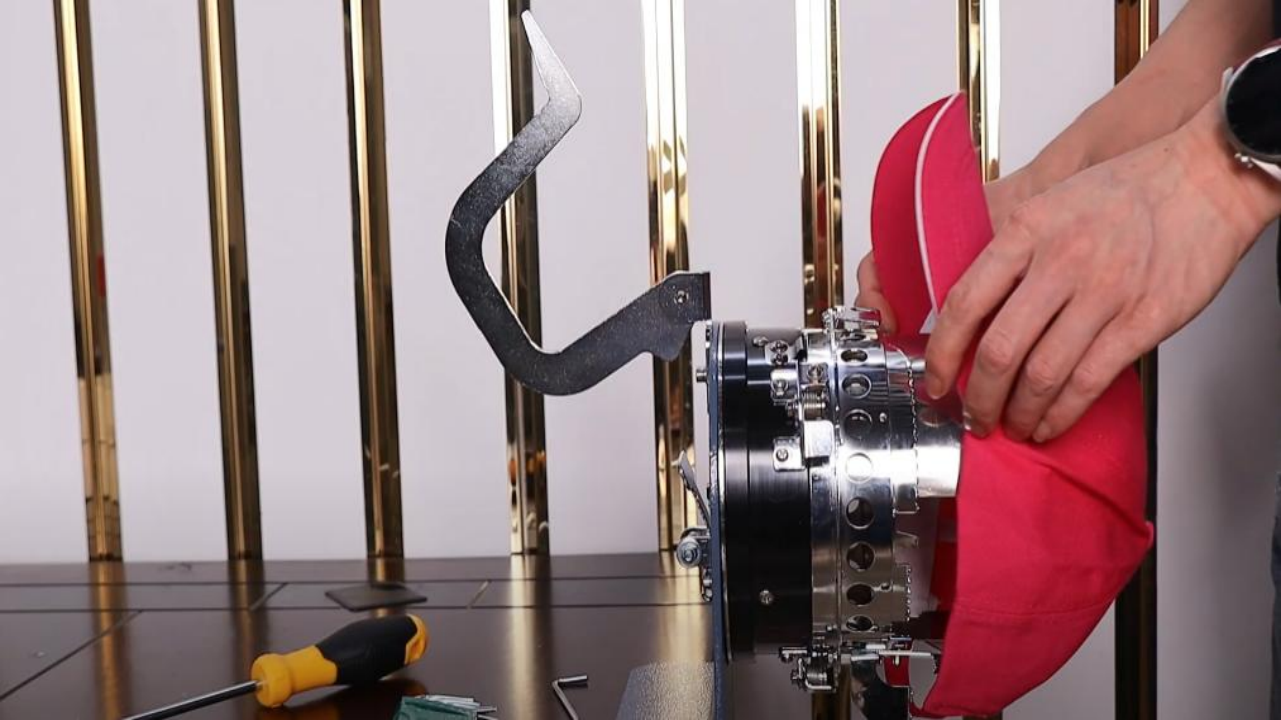
Step 6

Unsecure the flexible metal band and place it to the left of the cap ring



Step 7

Remove those 4 clips



Step 8

Slide the cap to the cap ring



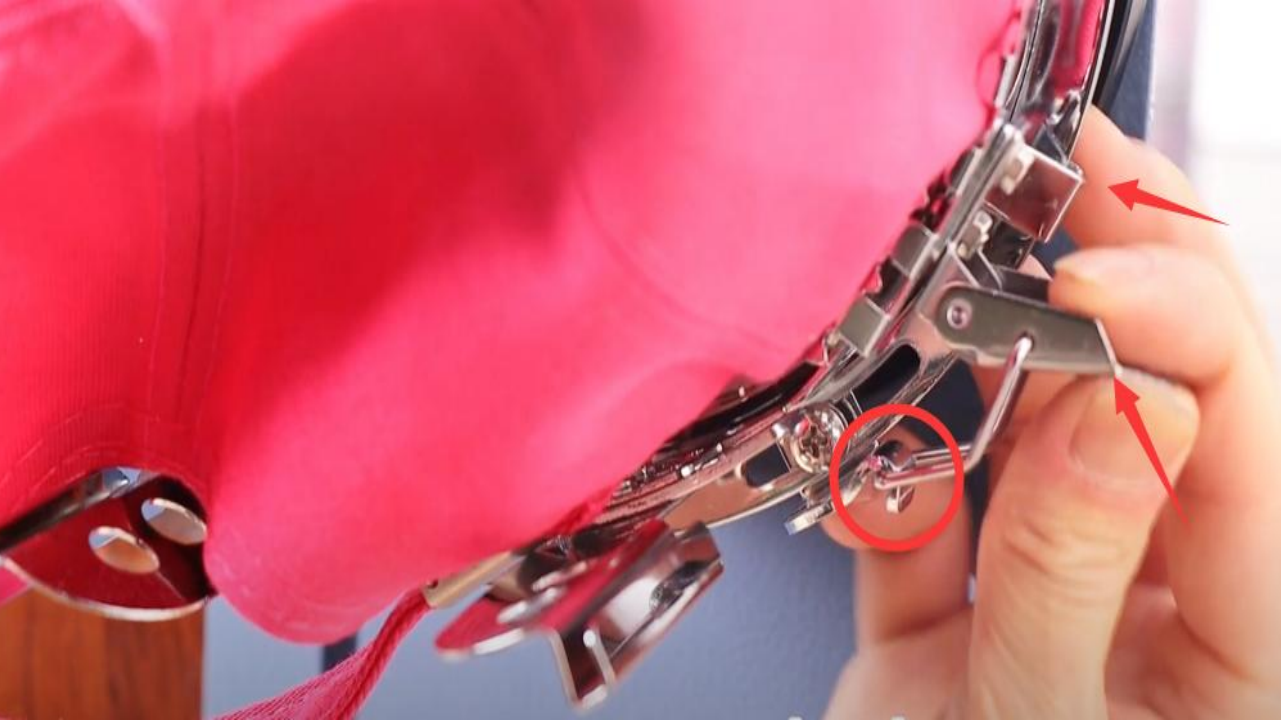
Step 9

Align the center line



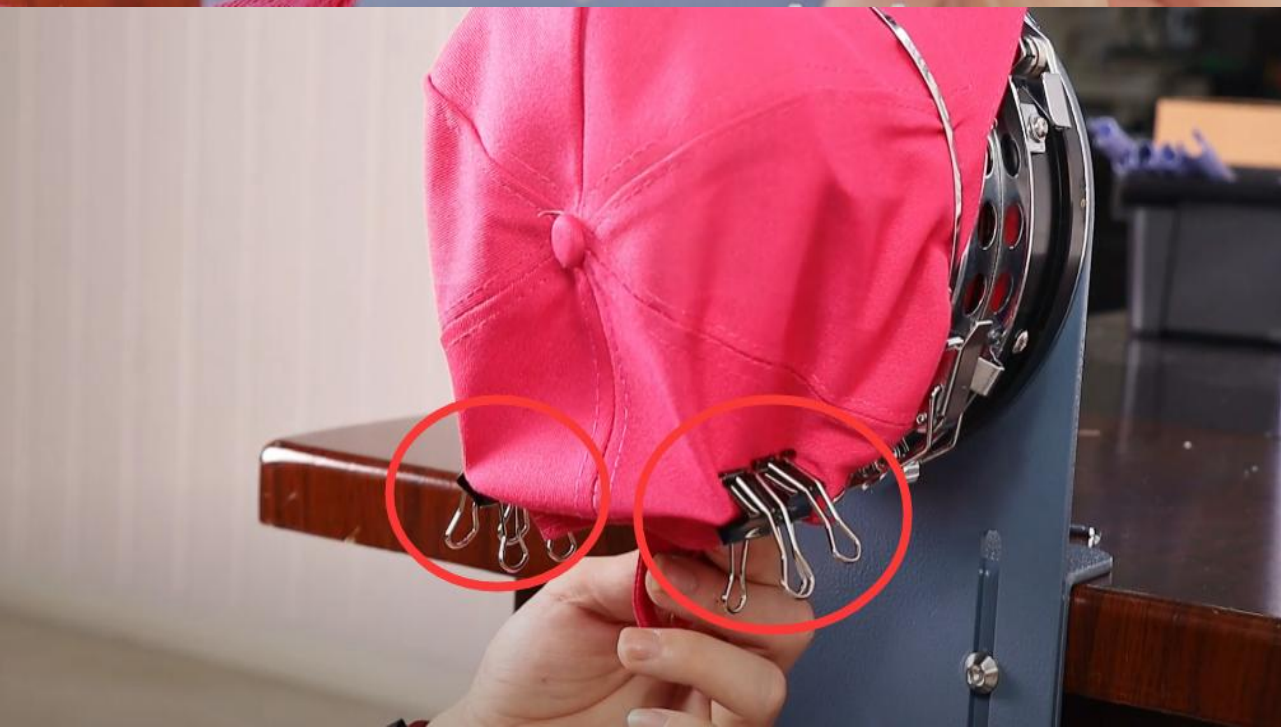
Step 10

Fasten flexible metal band
against the brim of the hat.



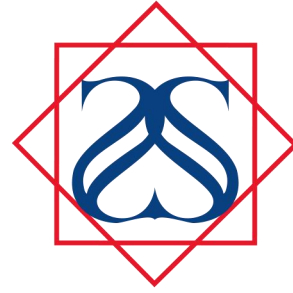
Step 11

Push up the clamp and connect the clamp to the cap ring latch easily



Step 12

Secure the cap with 4 clips



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Install the cap into the machine

Video link:

<https://www.youtube.com/watch?v=AHegaTyOIVU>



Step 1

Rotate the cap to the right to prevent the brim from getting stuck or rubbing against the machine. Slowly move the hat in.



Step 2

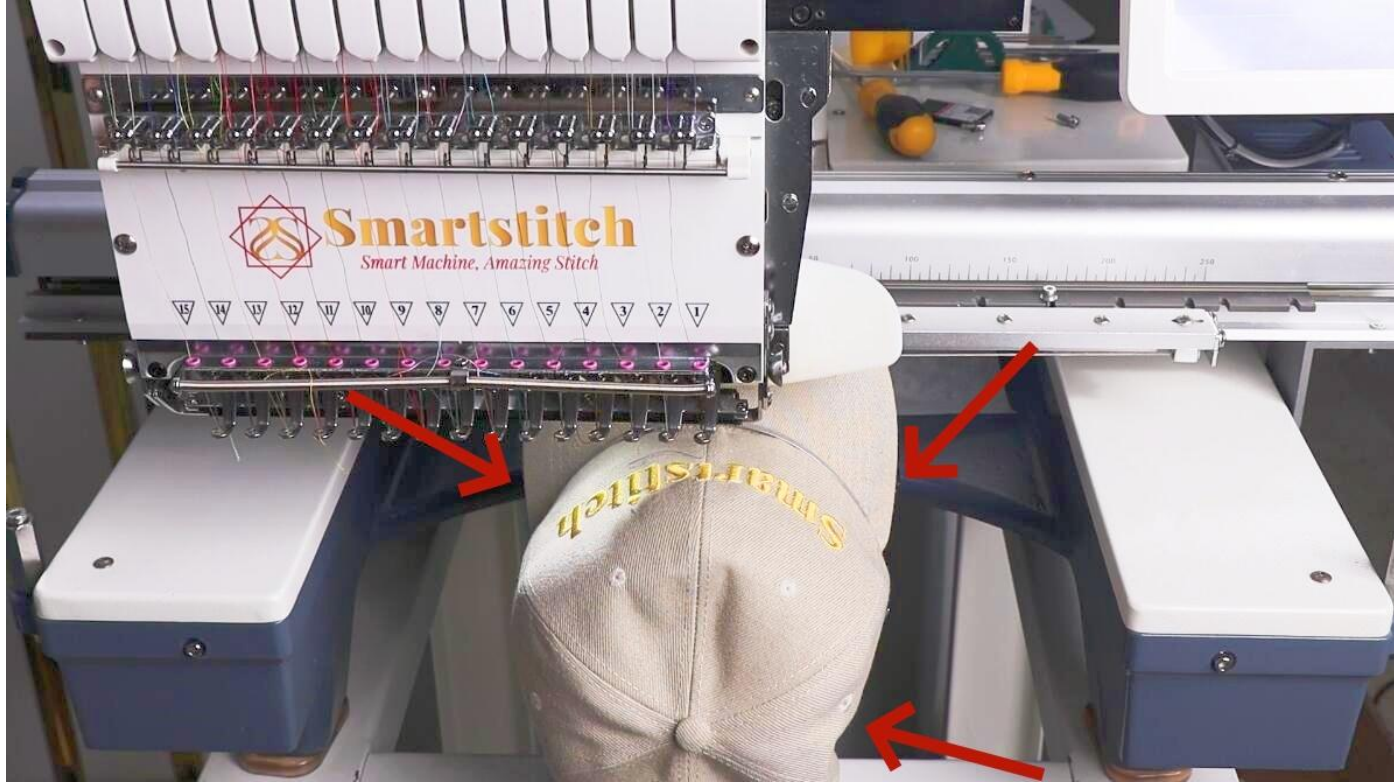
Rotate the hat so that the brim faces up



Step 3

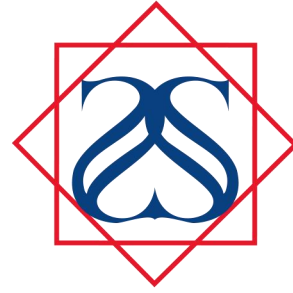
Align the grooved part of the cap ring with the protruding part of the cap driver. Press them together.





Step 4

There are three latches locate at 7 o'clock, 11 o'clock and 1o'clock position. Make sure they are locked.



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Learn cap embroidery

Video link:

<https://www.youtube.com/watch?v=AHegaTyOIVU>



Step 1

Click embroidery frame management

Step 2

Click the button in the bottom left corner



Step 3

Choose cap frame first

Step 4

Install the cap

Step 5

Choose the pattern

Choose the pattern

Here we chose this pattern.
After choosing the pattern, its direction
will change upside down automatically.



Step 6

Click here to set colors



Step 7

Set colors



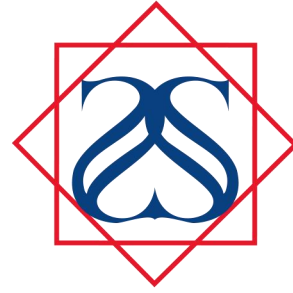
Step 8

Switch to embroidery confirmation status
(Click the button from pink to blue)

Step 9

Start to embroider

Start to embroider



Smartstitch

Smart Machine, Amazing Stitch

Control Panel Input and Output Designs

Video link:

<https://www.youtube.com/watch?v=exrOiFFNAi4>

How to input the pattern

Step 1

1. Insert USB
2. Click "pattern management"



Step 2

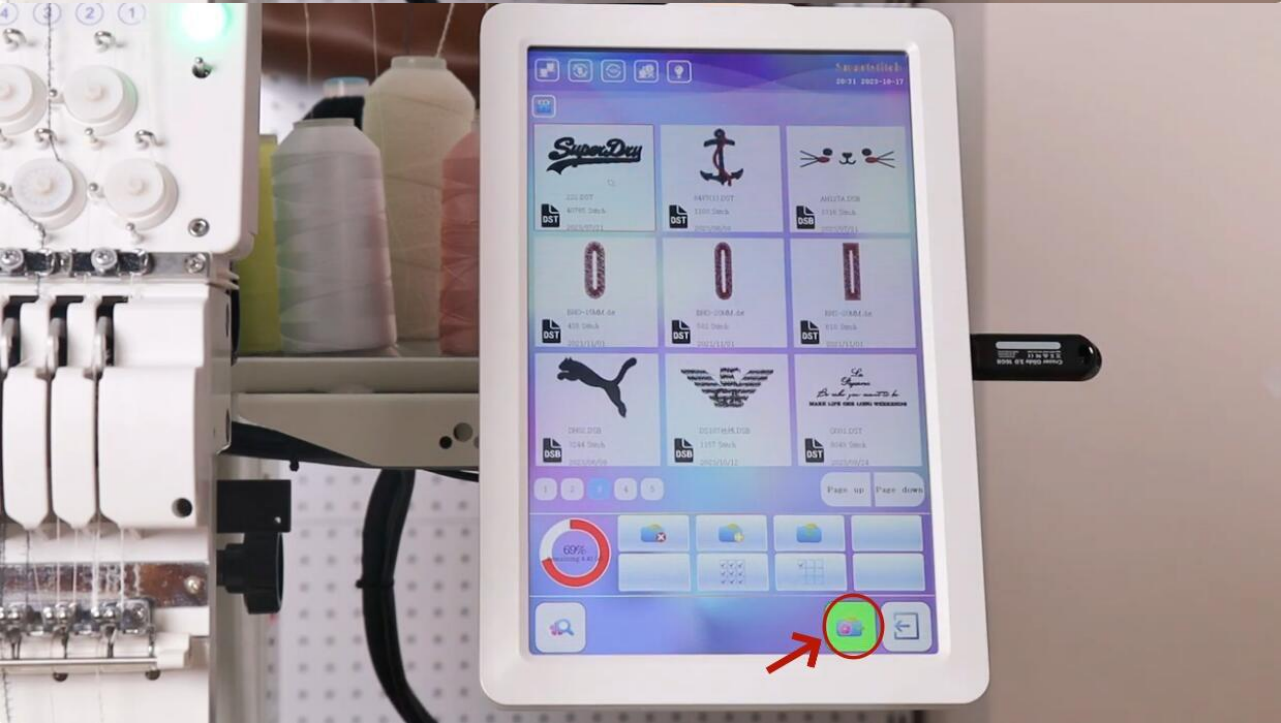
Click USB button





Step 3

Choose the pattern you need



Step 4

Click design input button



Step 5

1. Enter pattern name
2. Click “Enter”



The pattern is inputted.

How to output the pattern

Step 1

Double click the pattern



Step 2

Choose "Design Output"





Step 3

Click design output button



Step 4

You can check the output design in the USB.

You can check it in the USB flash drive



The pattern is outputted to your USB.

How to delete the pattern

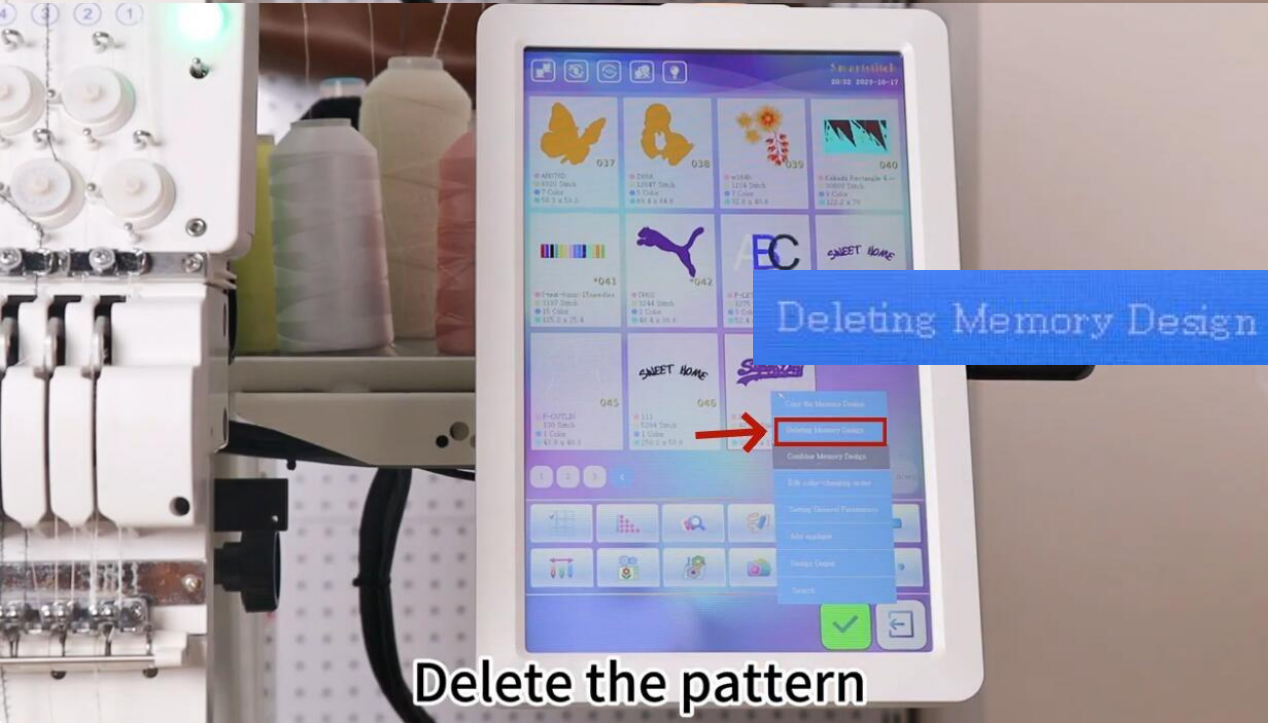
Step 1

Double click the pattern



Step 2

Choose "Deleting Memory Design"



Step 3

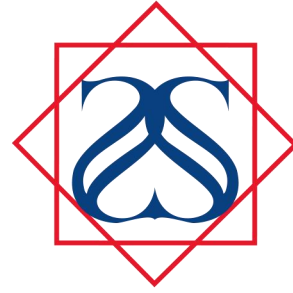
A prompt will appear.

"Please confirm to delete the pattern!"

Click check mark.



The pattern is deleted.



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Control Panel Overview

Video link: https://www.youtube.com/watch?v=Ebkb8X-c_3o&list=PLwaLhU0aOSIqCW-7CZbHsnV5Siob1GqOQ



- 1.Cycle Embroidery
- 2.Whether Main Shaft at100°
- 3.WIFI Connection
- 4.Turnon/off Light
- 5.Current Needle Number
- 6.Set Color Sequence
- 7.Embroidery Process
- 8.Design Serial Number
- 9.Design Name
- 10.Total Number of Stitches
- 11.Total Number of Colors
- 12.Design Height
- 13.Design Width
- 14.X-axis Position
- 15.Y-axis Position
- 16.Go Back to Stop Point
- 17.Floating Button
- 18.Design Management
- 19.Needle Select Button
- 20.Color-Changing Mode
- 21."Home" Function keys
- 22.Setting Button
- 23.Frame Management
- 24.Extended Embroidery Functions
- 25.Embroidery Status:
Blue: Embroidery Confirmation Status
Pink: Embroidery Preparation Status
- 26.Turn MainShaft to100°
- 27.Trim Button
- 28.Start
- 29.Stop
- 30.Speed Adjustment Button
- 31.Position Adjustment Button
- 32.Screenshot



1. Select a design or multiple designs

2. Design Sorting

3. Design Search

4. Drawing Button

5. Alphabet Button

6. USB Button

7. Edit color-changing order

8. Setting General Parameters

9. Embroidery process

presupposition

10. Pattern Output

11. Delete Pattern

12. More functions

13. Pattern Combination

Double click the design, you can:

Copy the Memory Design

Deleting Memory Design

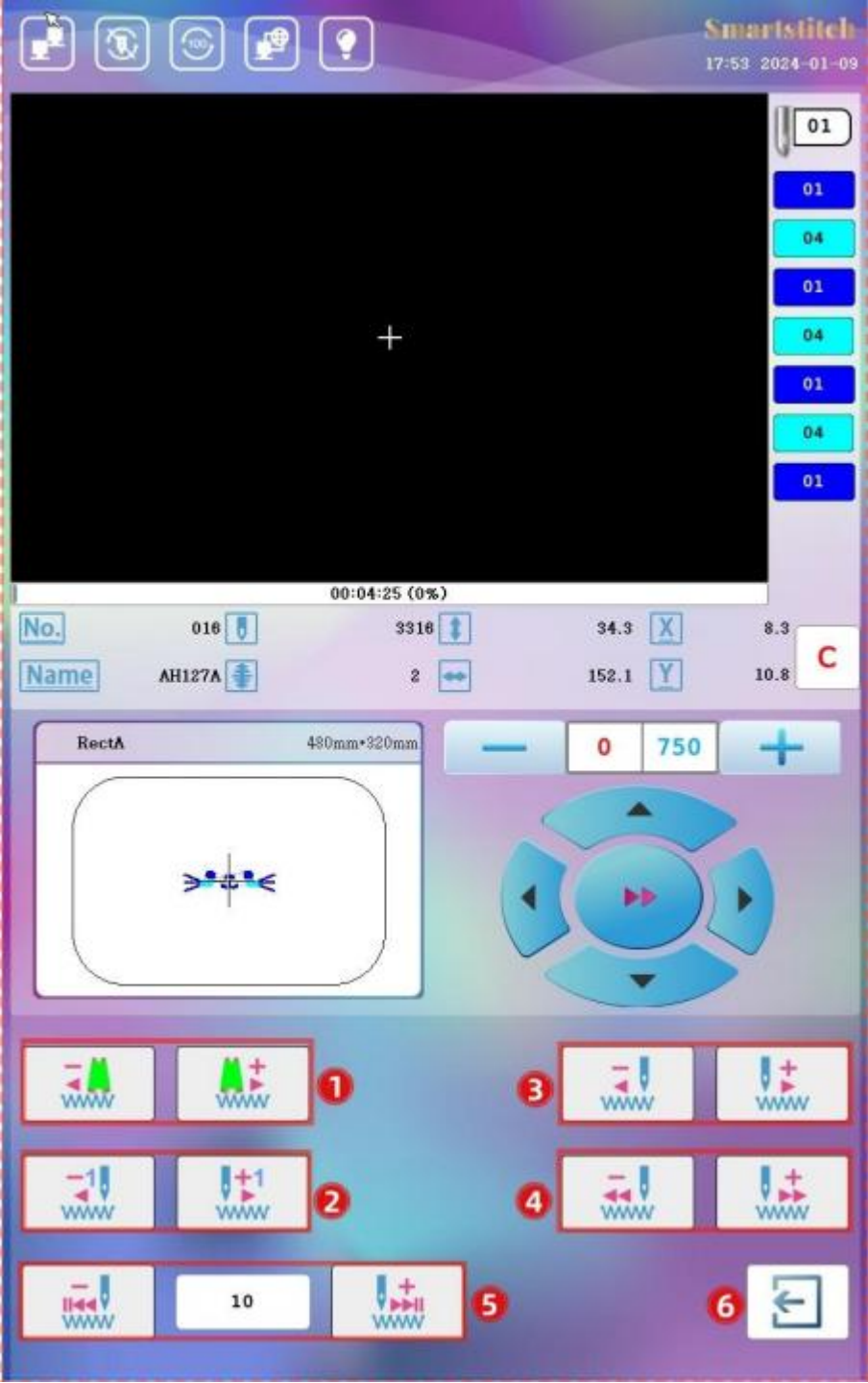
Edit color-changing order

Setting General Parameters

Add applique

Design Output

Search



1.Float a WholeColor Forward or Backward

2.Float One Stitch Forward or Backward

3.Floating by Low Speed

4.Floating by High Speed

5.Float the Specified Number of Stitches Forward or Backward

6.Back Button



1.You can click “F” to rotate the direction of the design.

2.The desgin can be enlarged or reduced by 10% on the machine:

Reduce the design by 10%: Set the scale of the design to X 90, Y 90

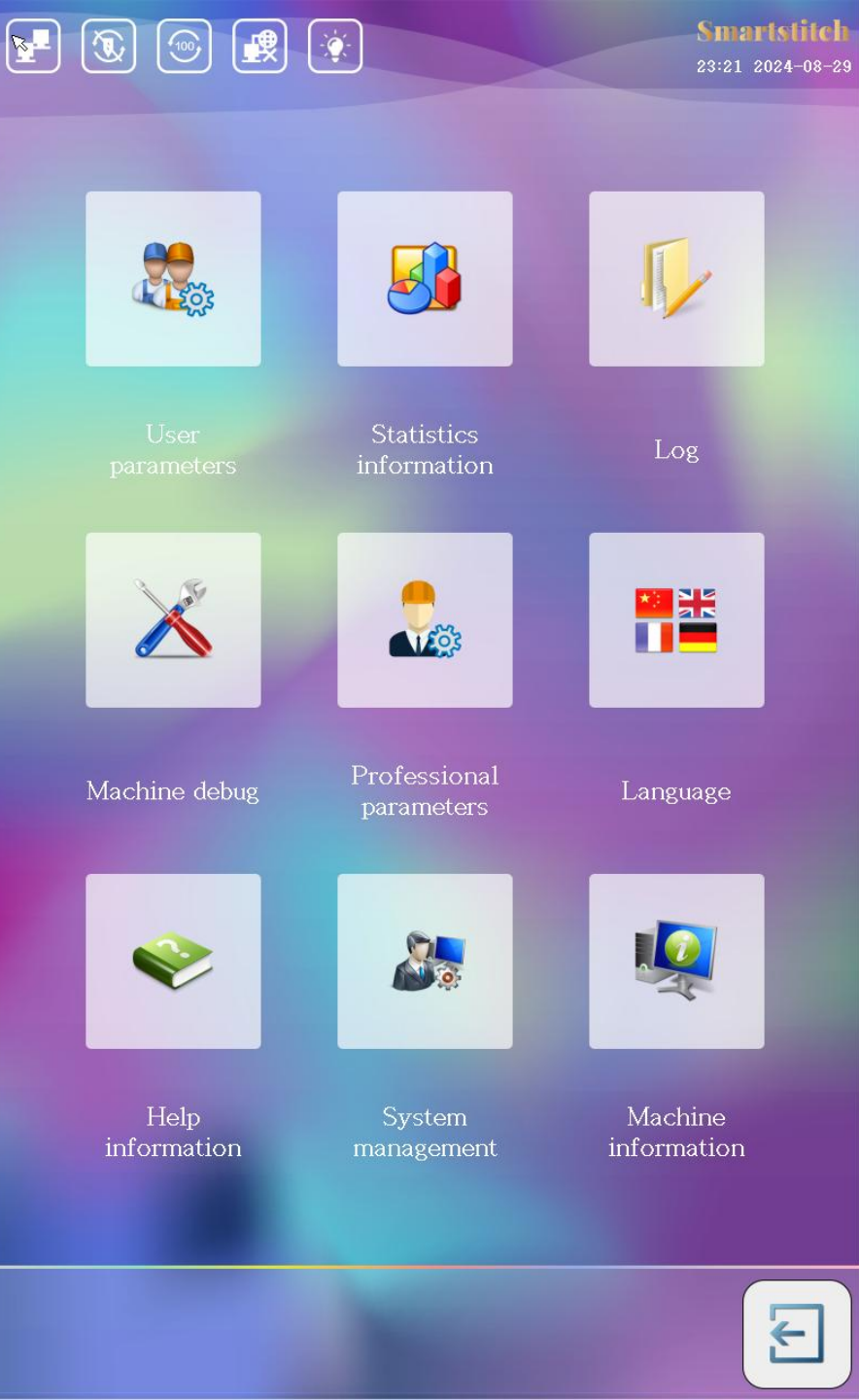
Enlarge the design by 10%: Set the scale of the design to X 110, Y110

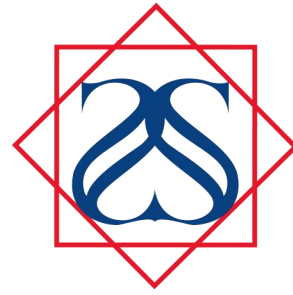


1. Automatically Find the Design Origin
2. Move Frame along Pattern Outside
3. Memory Design Origin Point
4. Restore Design Origin Point
5. Find the Mechanical Origin
6. Switch to NO.1 needle
7. Frame Setting Operation
8. Floating the Outline of the Pattern
9. Back Button



- 1.Set up a New Embroidery Frame Parameters
- 2.Add Embroidery Frame
- 3.Delete Embroidery Frame
- 4.Export Frame Parameters
- 5.Confirm Button
- 6.Back Button





Smartstitch

Smart Machine, Amazing Stitch

How to install table How to install the Aluminum frame

Video link:

<https://www.youtube.com/watch?v=rPs359Qb-aw>

How to install table

Step 1

Remove flat support brackets on both sides.
(Use 3mm allen wrench)

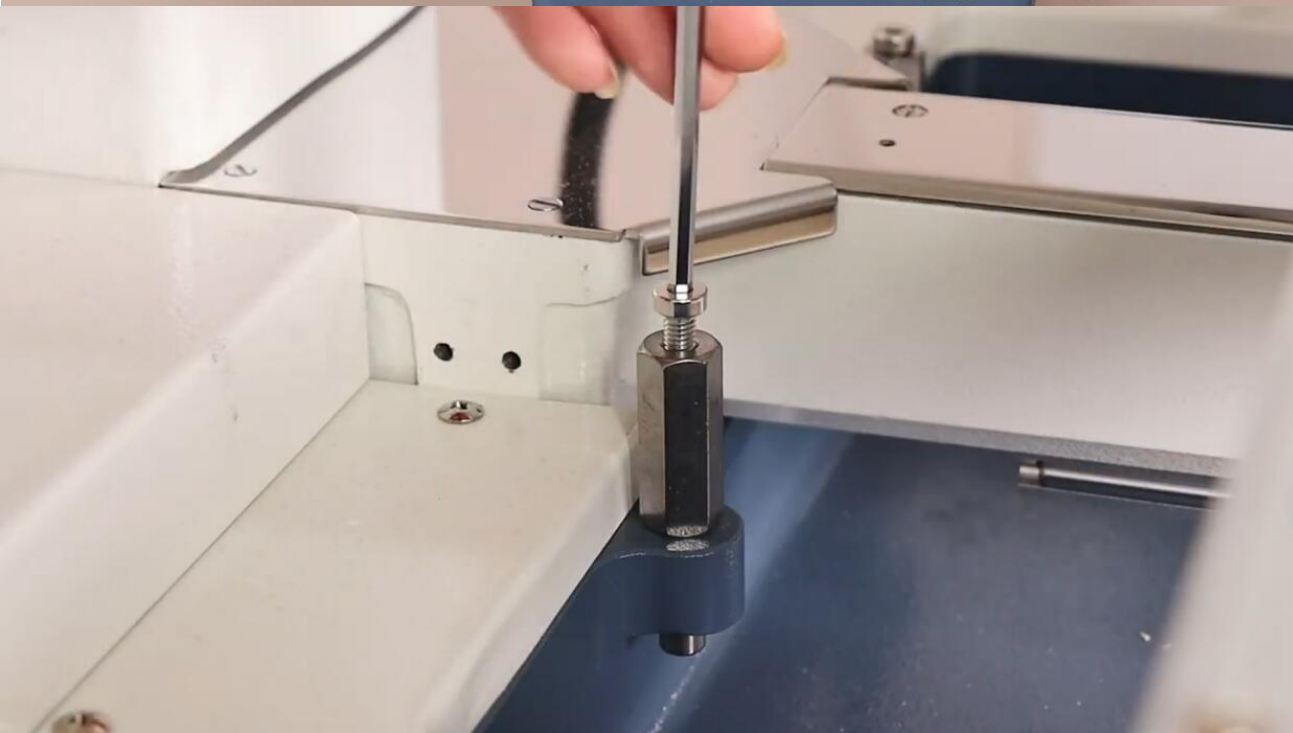


Remove flat support brackets first





Remove four screws onto the support pins



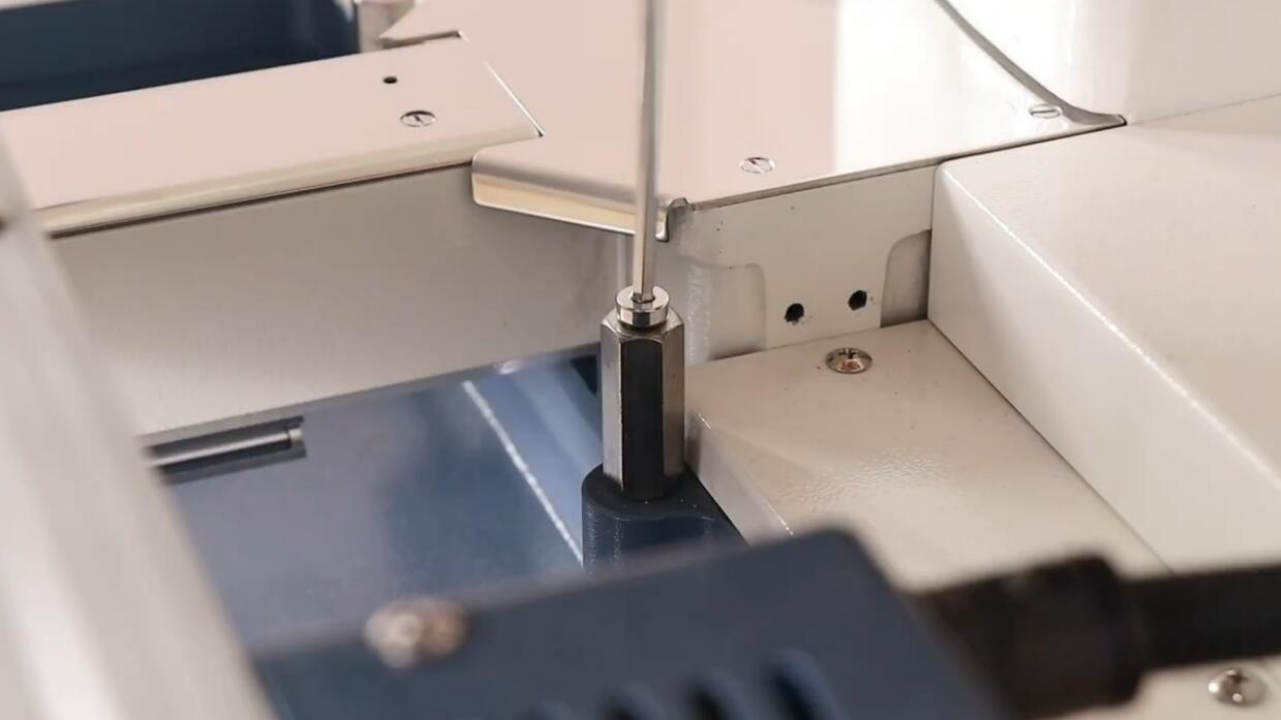
Step 2

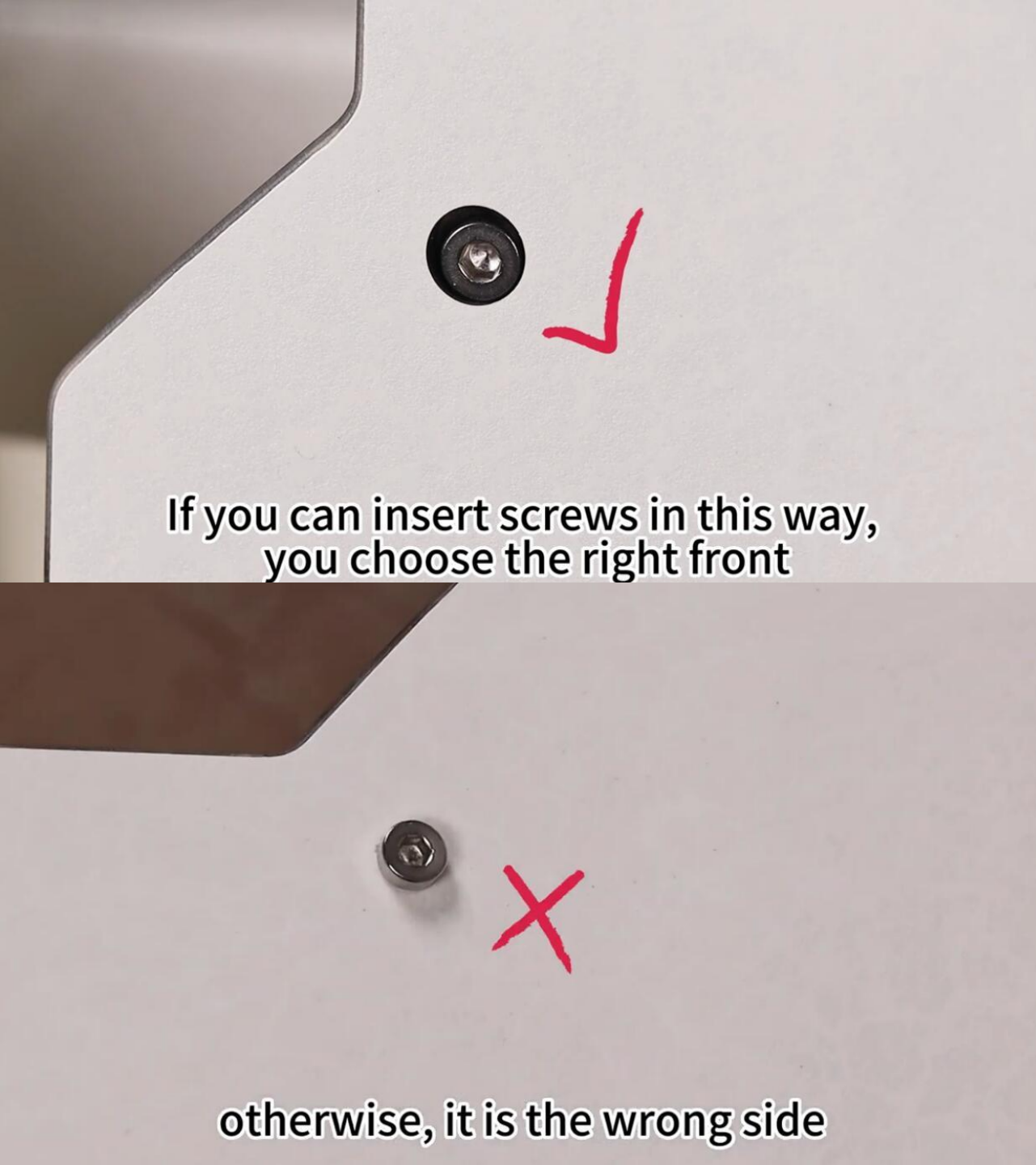
Remove four screws on the support pins



Step 2

Remove four screws on the support pins





If you can insert screws in this way,
you choose the right front

otherwise, it is the wrong side

If you can insert screws in this way, you choose
the right front

Otherwise, it is wrong side.



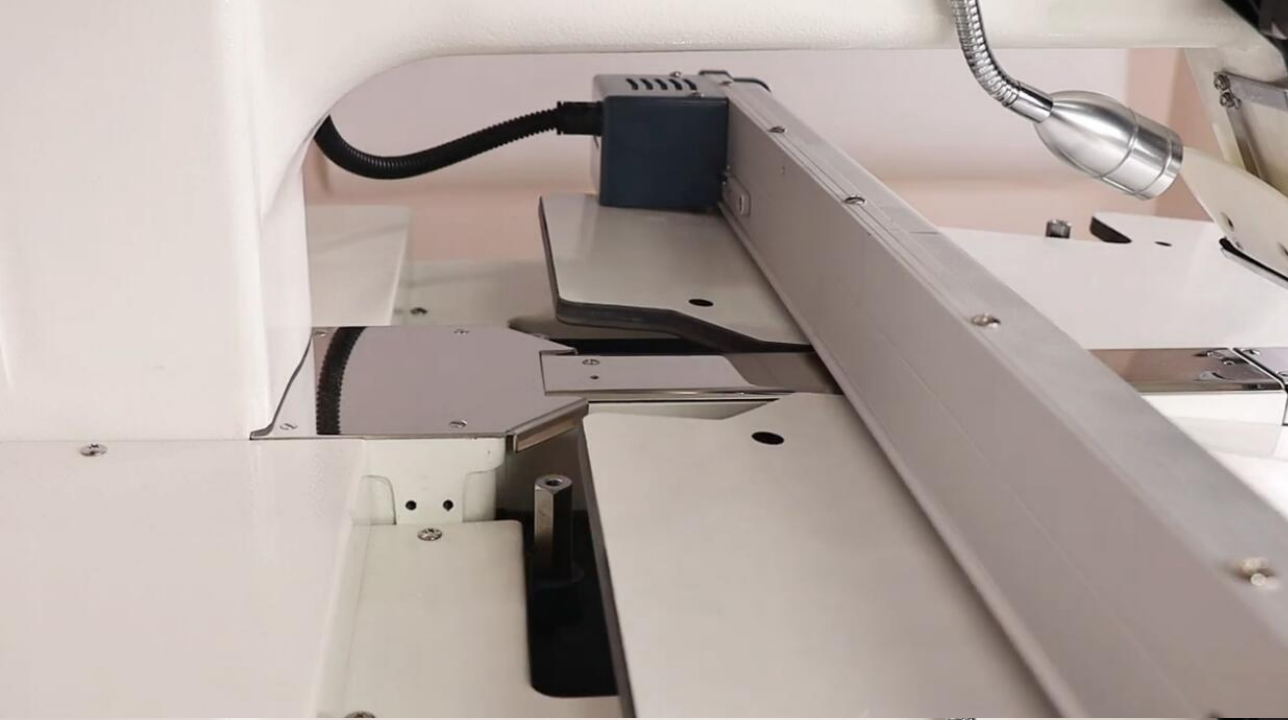
Step 3

Slide the table first (The opening is in the centre with the sewing arm)



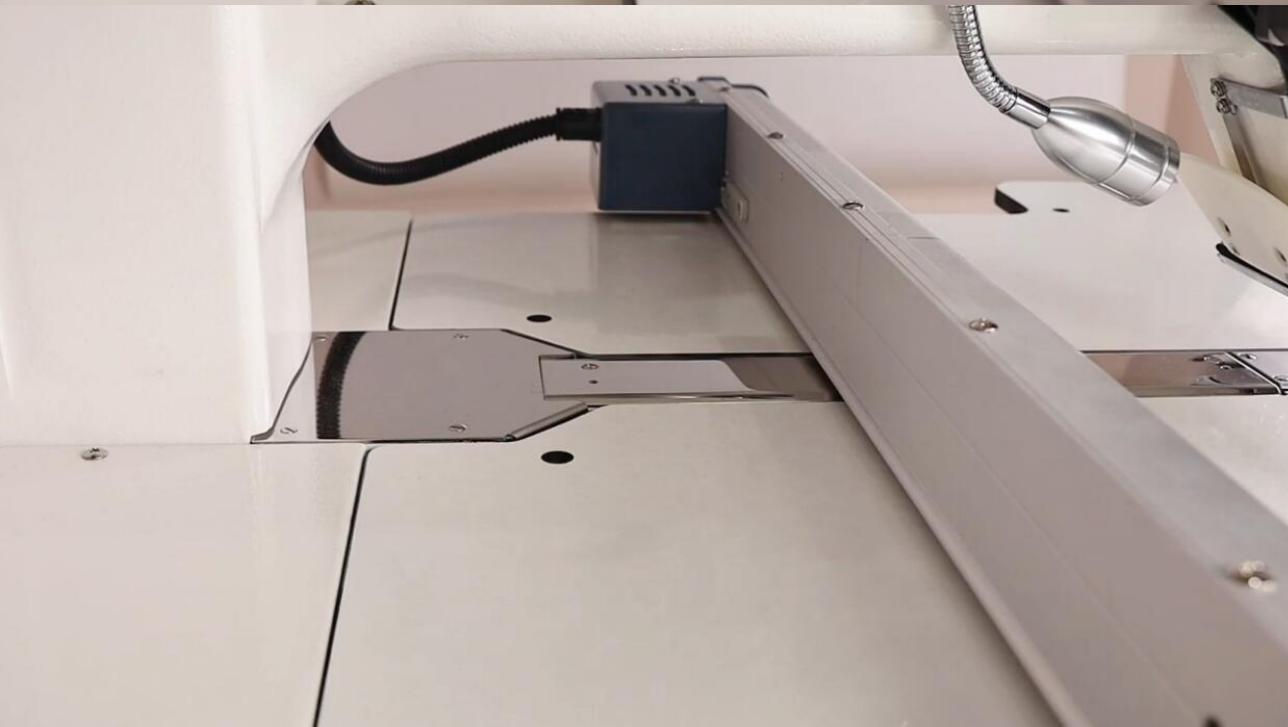
Step 4

Lift the table a little bit and slide it onto the support pins



Step 4

Lift the table a little bit and slide it onto the support pins





Tighten four screws with the allen wrench

Step 5

Tighten four screws with the allen wrench



Make sure the screws are aligned with the four holes of the table plate



The screw is not aligned with the hole of the table plate.

How to deal with the problem of the screw is not aligned with the hole of the table plate.

Make sure the screws are aligned with the four holes of the table plate

The screw is not aligned with the hole of the plate



Use a 5 millimeter allen wrench

Step 1

Use a 5mm allen wrench to loose the small screw (Turn clockwise)



Loose the small screw (Turn clockwise)



Adjust the big screw, make sure the screw is aligned with the hole of the table plate

Step 2

Adjust the big screw, make sure the screw is aligned with the hole of the table plate



Tighten the small screw (Turn counterclockwise)

Step 3

Tighten the small screw
(Turn counterclockwise)



Use 14 millimeter wrench



Use the allen wrench to
secure the small screw

Tighten the big screw (Turn clockwise)

Step 4

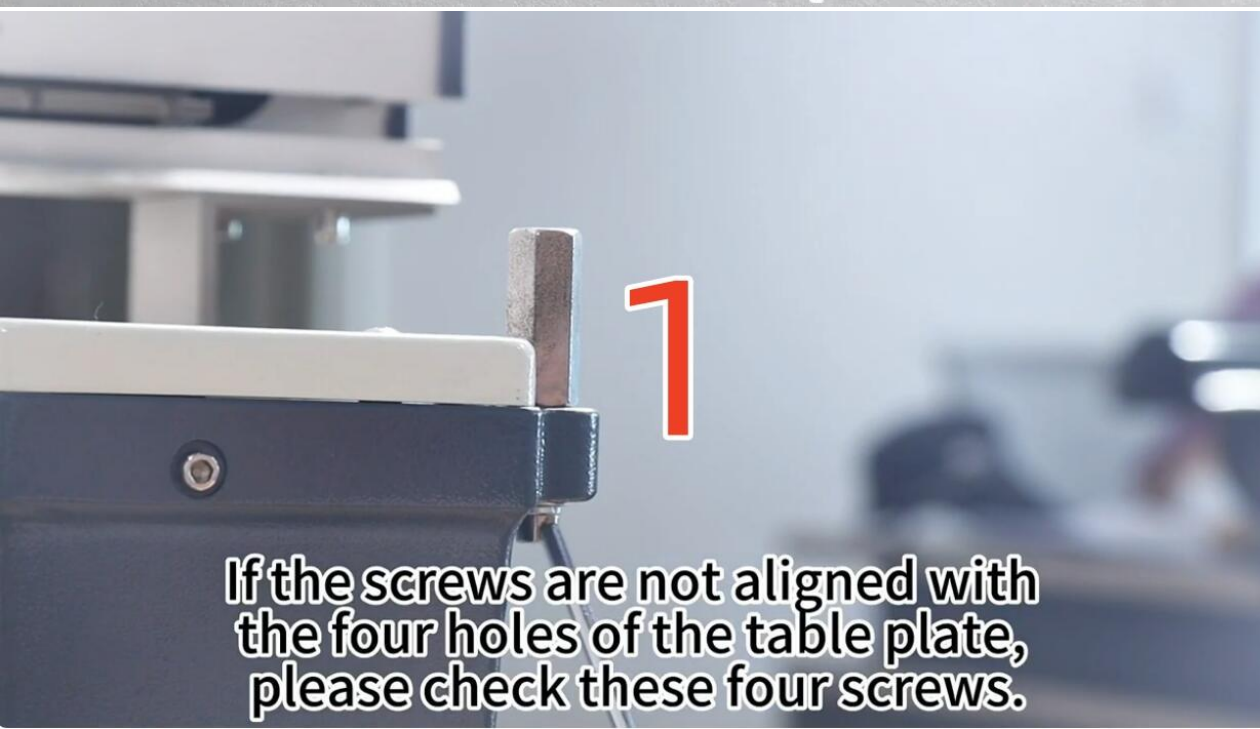
Use 14mm wrench to tighten the big screw
(Turn clockwise)

Use the allen wrench to secure the small screw
at the same time



The screw is aligned with the hole of the table plate.

The screw is aligned with the hole of the table plate.

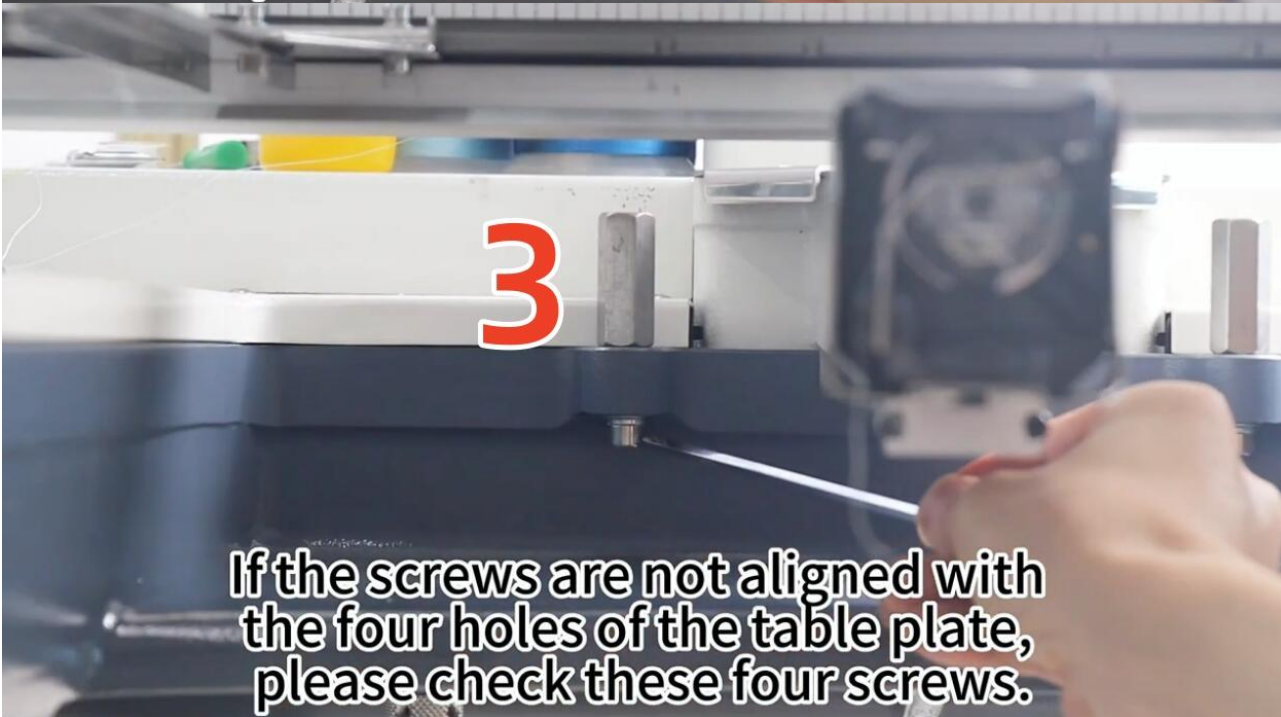


If the screws are not aligned with the four holes of the table plate, please check these four screws.

If the screws are not aligned with the four holes of the table plate, please check these four screws.

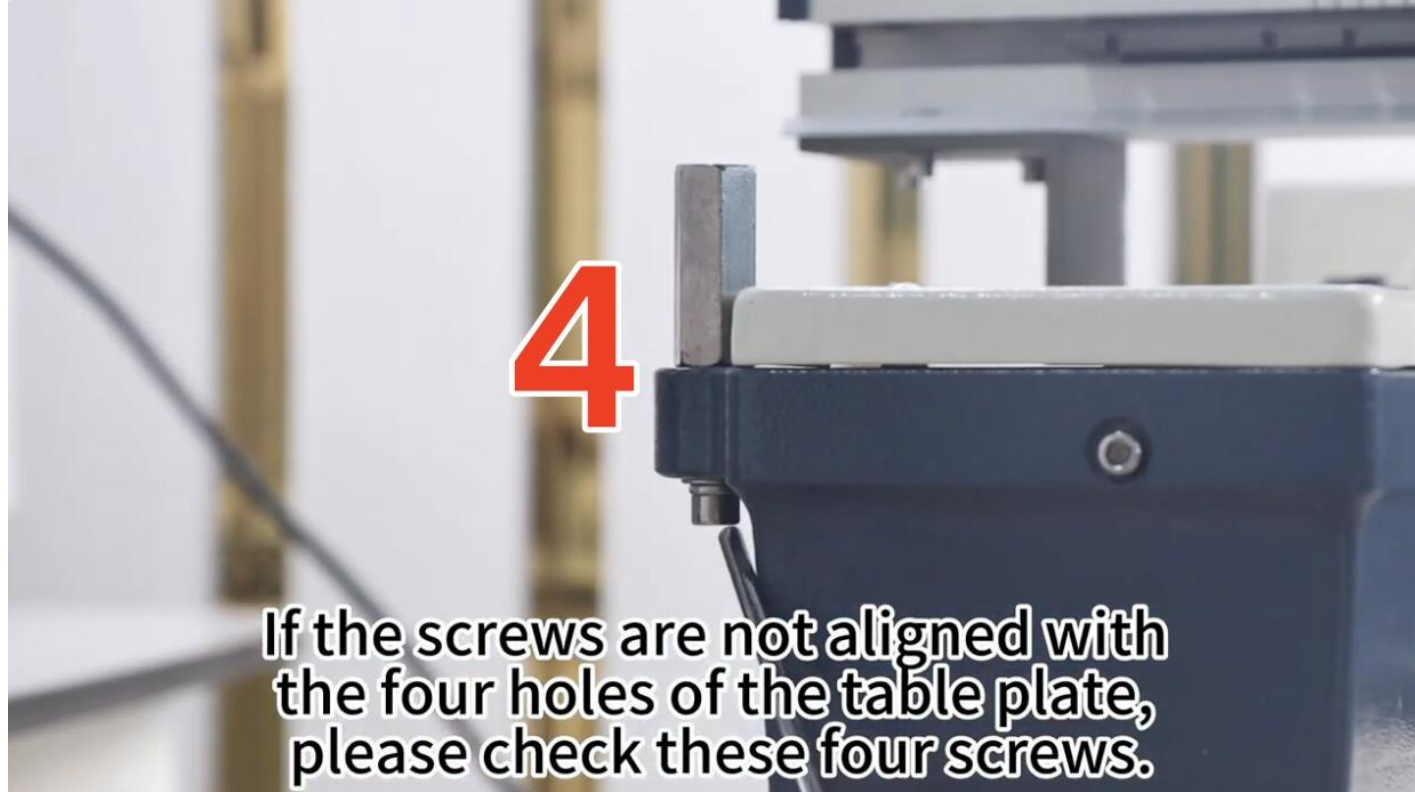


If the screws are not aligned with the four holes of the table plate, please check these four screws.



If the screws are not aligned with the four holes of the table plate, please check these four screws.

If the screws are not aligned with the four holes of the table plate, please check these four screws.



If the screws are not aligned with the four holes
of the table plate, please check these four
screws.

How to install the Aluminum frame

Step 1

Loose the four screws and keep the screws on the aluminum frame

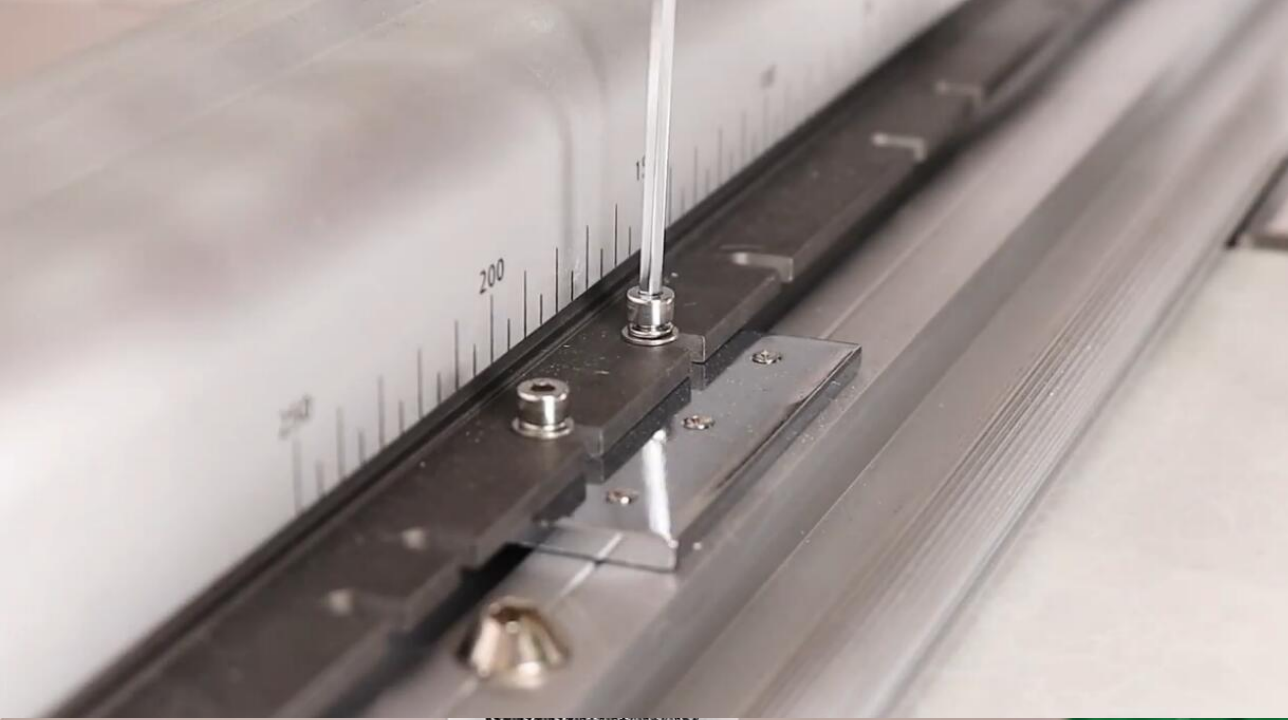


loose the screws and
keep the screws on the aluminum frame

Step 2

Attaching the aluminum frame to pantograph rail

(The screws should be installed on the the fourth and fifth holes on both sides)



Step 3

Tighten the four screws



Step 4

Put fabric on the aluminum frame, flatten the fabric and clamp it around



Step 5

Hoop the fabric well



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How to use bobbin winder

Click the link below to watch the complete
video of using bobbin winder:

[https://www.youtube.com/watch?v=g9uhC7Y
Z2ng](https://www.youtube.com/watch?v=g9uhC7YZ2ng)



Step 1

Prepare the accessories: thread holder, wrench, bobbin thread, empty bobbin cover



Step 2

Install the thread holder



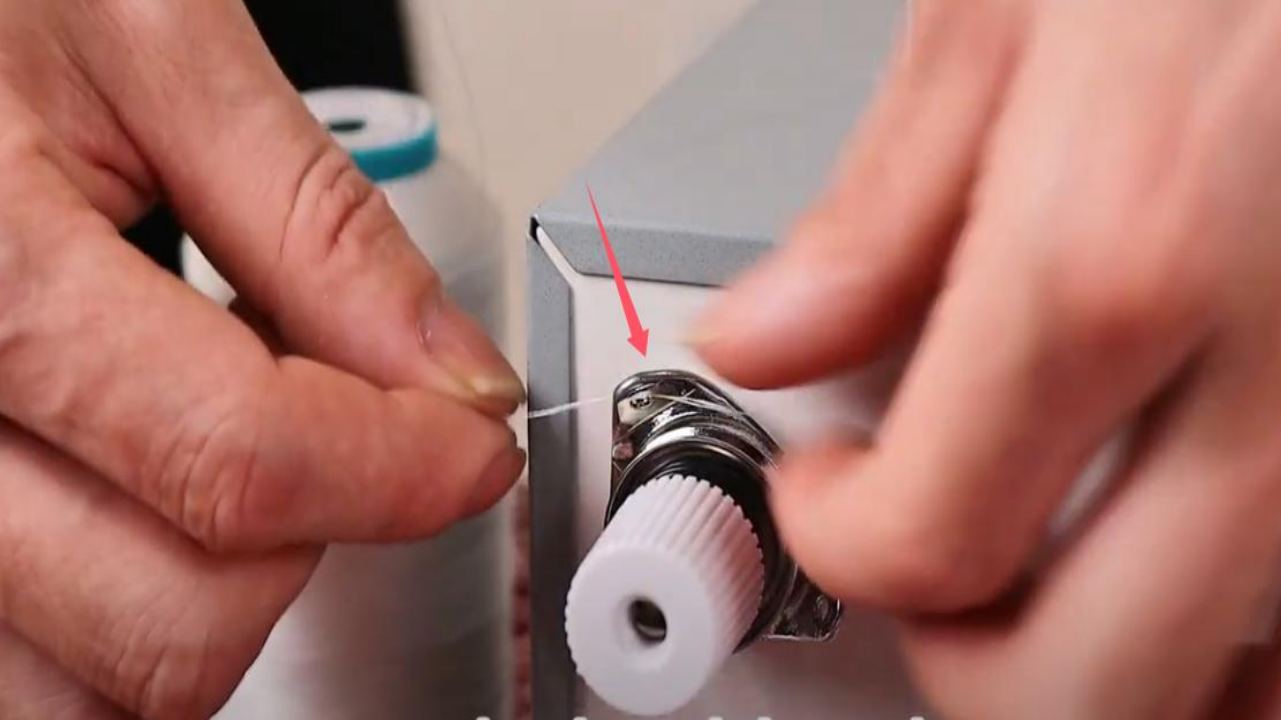
Step 3

Tighten the screw with 8 mm
allen wrench



Step 4

Pass the thread through the thread
holder



Step 5

Pass the thread through two eyelets of the tension knob





Step 6

Put the thread under the tension disc



Step 7

Wind thread on the bobbin clockwise



Step 8

Turn on the switch after wrapping
for a few turns



Step9

It will stop automatically after the
bobbin thread is full

How to wind bobbin thread smoothly



Use a screwdriver to pry this part larger, making the gap bigger



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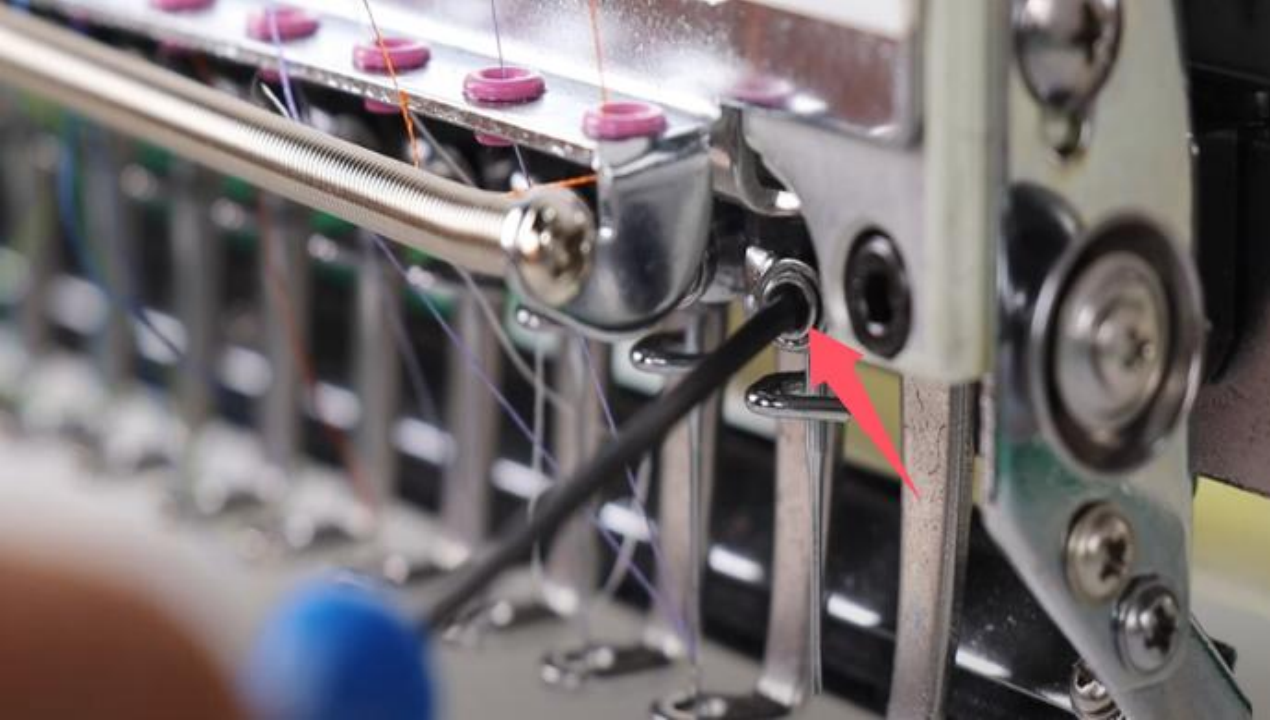
How to change needles

Click the link below to watch the complete video of changing the needle:

<https://www.youtube.com/watch?v=gA4O8ZPPyLg&t=3s>

Part 1

How to take the broken needle out



Step 1

Loosen the screw for **half a turn** counterclockwise over the needle with 2 mm allen wrench



Step 2

Hold the needle using pliers with the other hand



Step 3

Pull out the broken needle with
the pliers

Part 2

How to install a new needle



Step 1

Hold the needle using the pliers



Step 2

Pass the needle through the
presser foot hole



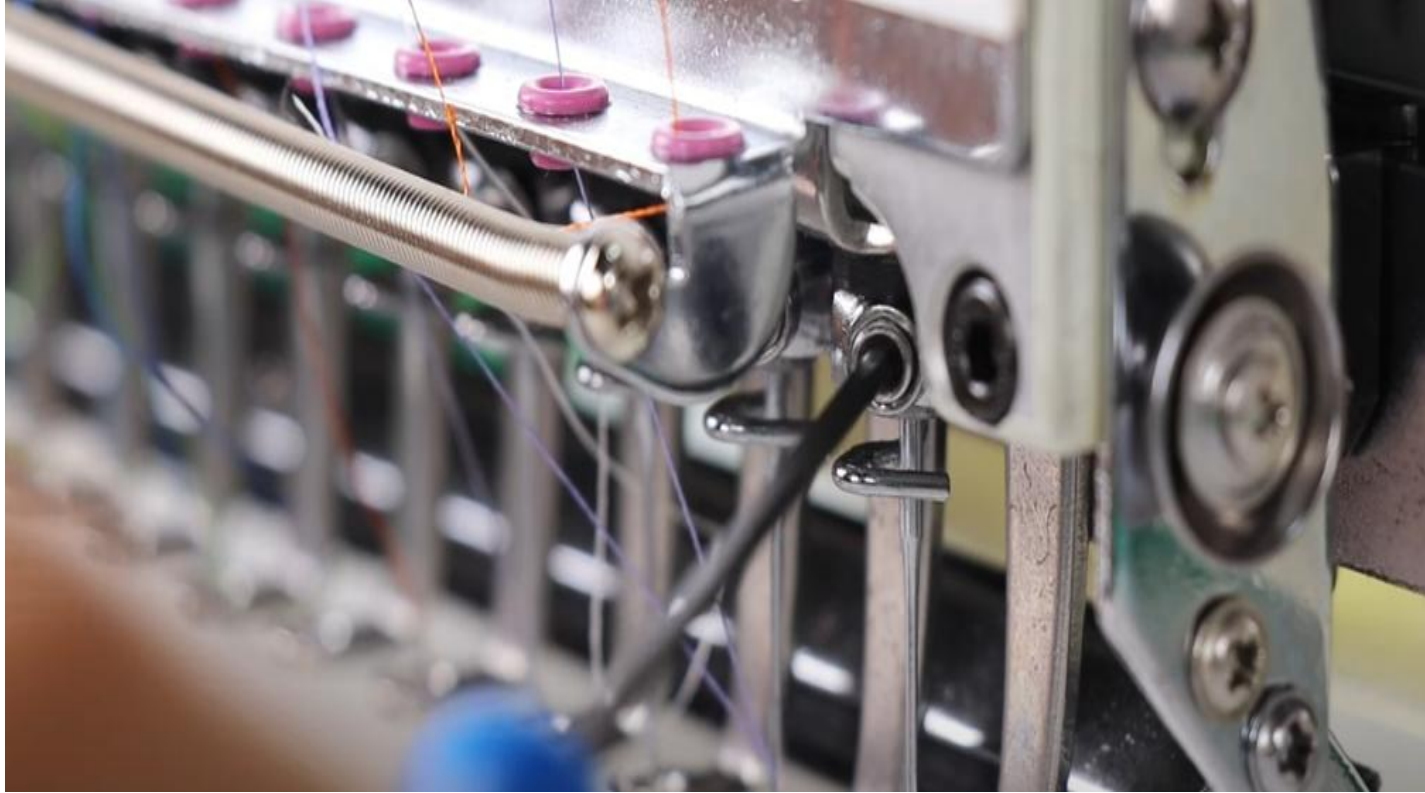
Step 3

Insert the needle all the way to the top



Step 4

The groove faces the front of the machine



Step 5

Then tighten the screw clockwise
with 2mm allen wrench

Part 3

How to install the screw on the
needle clamp



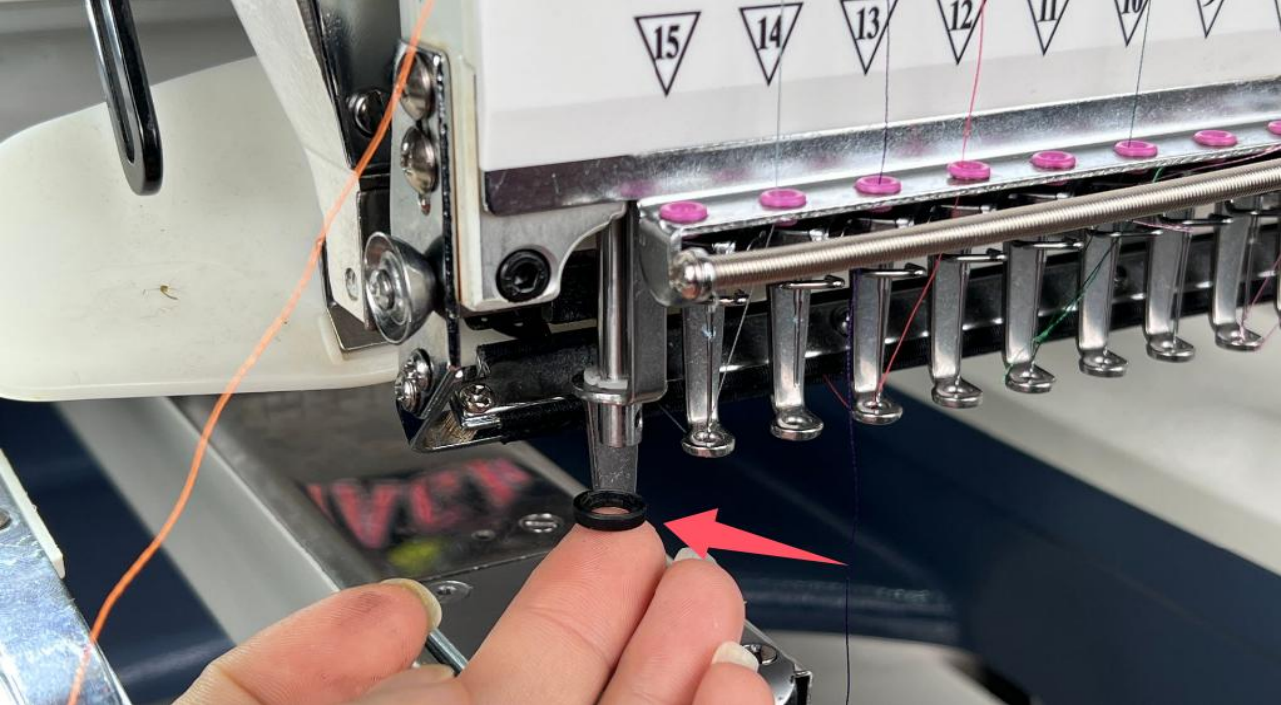
Step 1

Take off the needle first, prepare the small screw



Step 2

Raise the Presser Foot by hand



Step 3

Install the black O-ring



Step 4

Install the needle clamp from the bottom up



Step 5

Install the small screw while
securing the needle clamp



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How to do maintenance of the machine
Click the link below to watch the complete
video of changing the needle:

https://www.youtube.com/watch?v=G_AuIYg_hnH4

Part 1

Several holes on the right side



Step 1

2-5 drops of oil in the hole per week



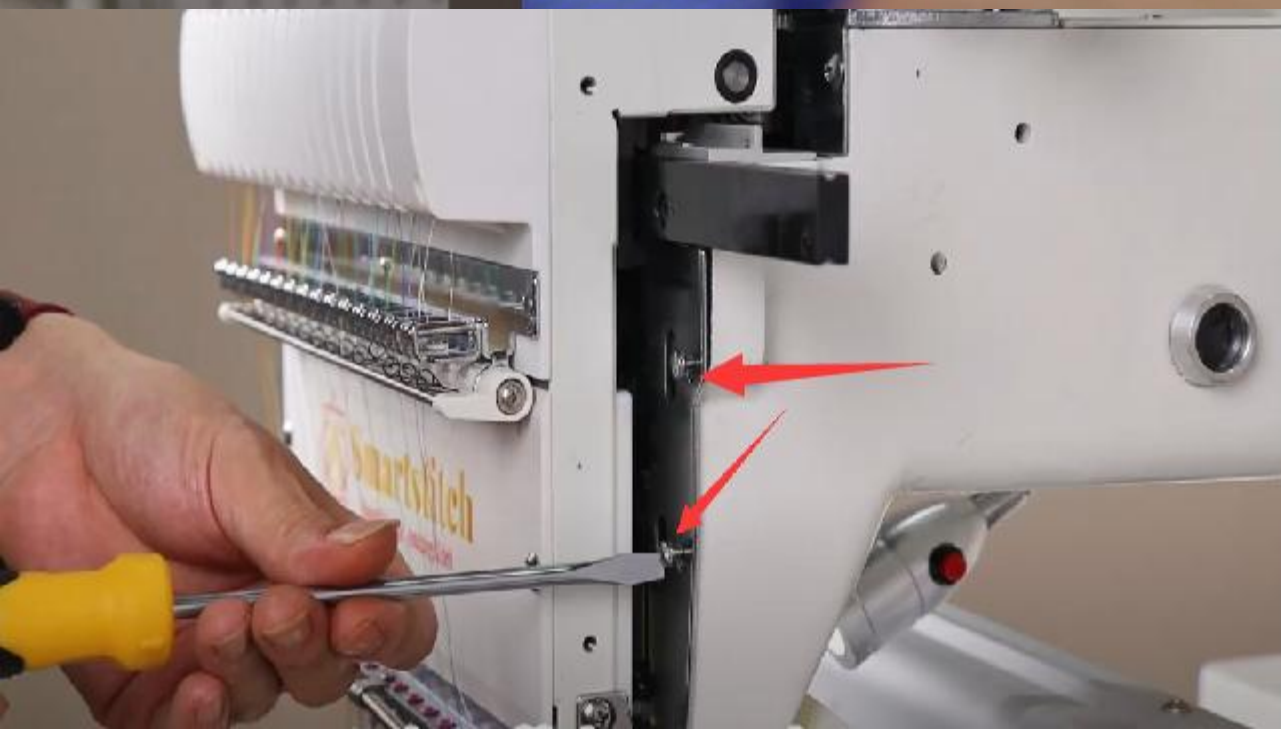
Part 2

Shaft



Step 2

Change to needle one



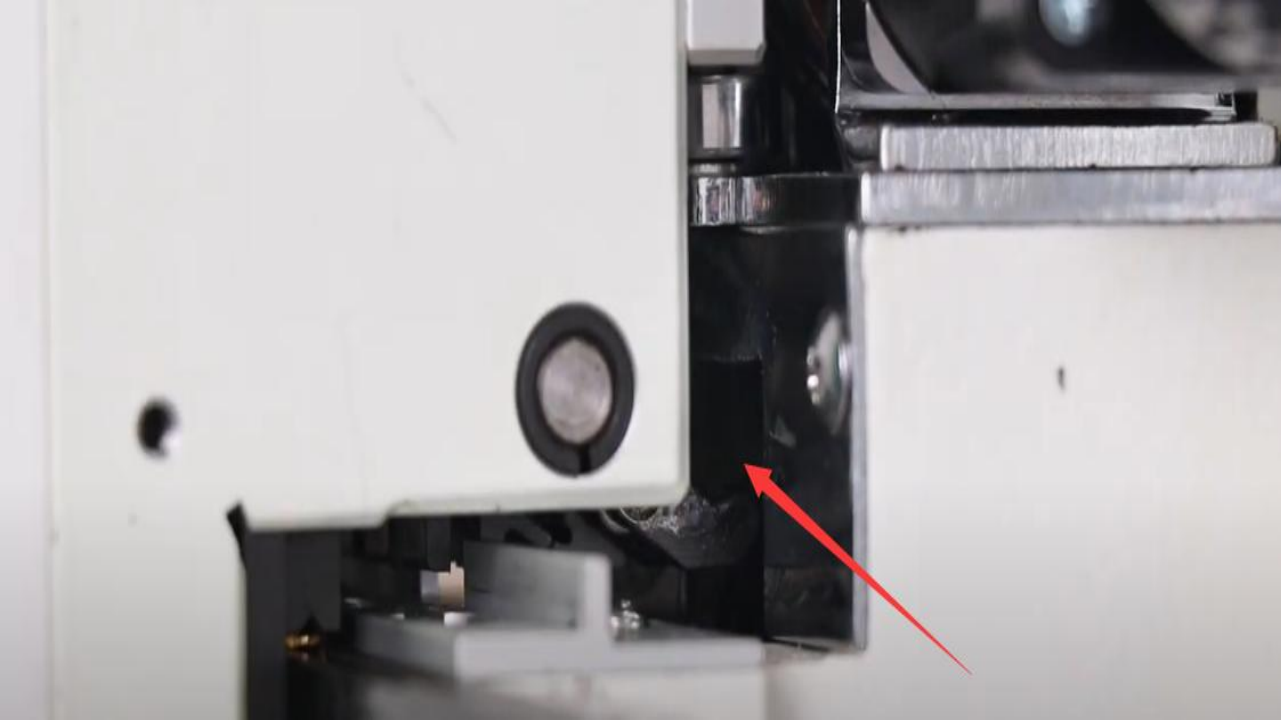
Step 3

Remove the metal cover with a flat screwdriver



Step 4

Spray some lithium grease once per week on the shaft



Step 5

Spray some lithium grease in here



Step 6

Install the metal cover



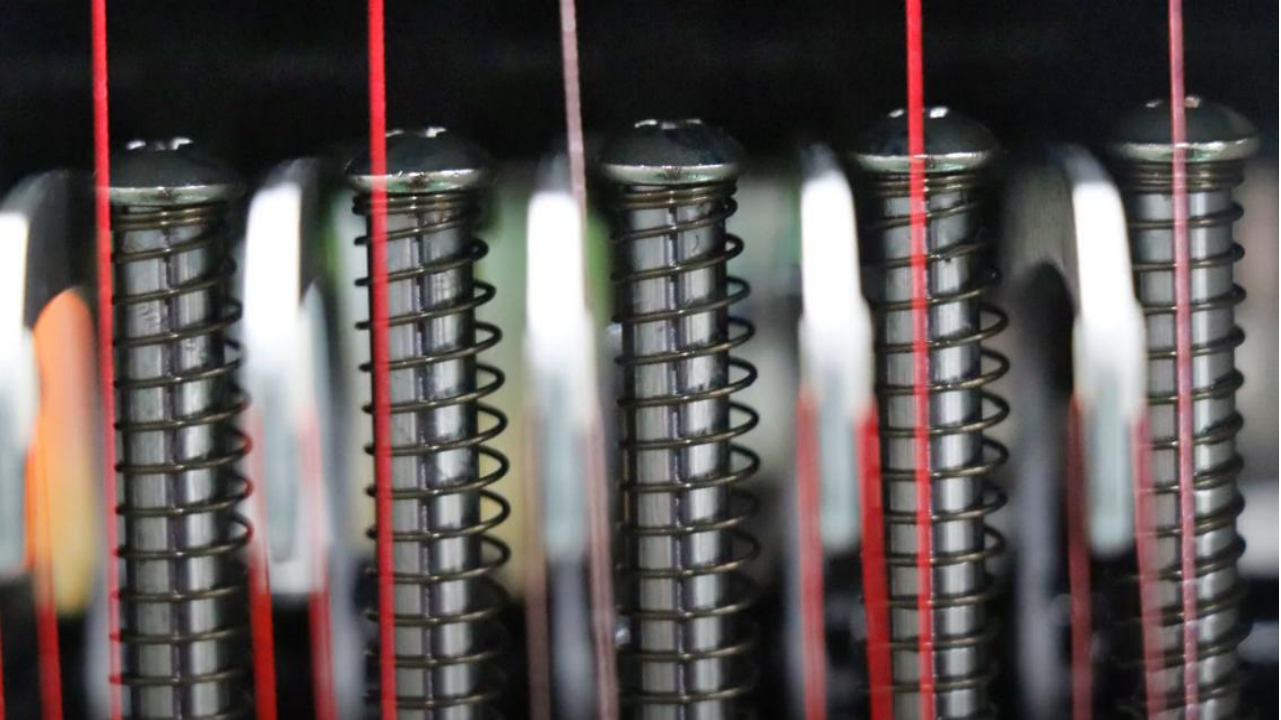
Part 3

Upper Needle Bar



Step 7

1-2 drops of oil to the slot every
two month



Note:

Add oil to the spring part

Part 4

Two holes on sewing arm



Step 7

1-2 drops of oil to the hole every
two month

Part 5

Rotary Hook



Step 8

2 drops of machine oil into the
rotary hook everytime the machine
keeps running for 4 hours

Part 6

Clean Up



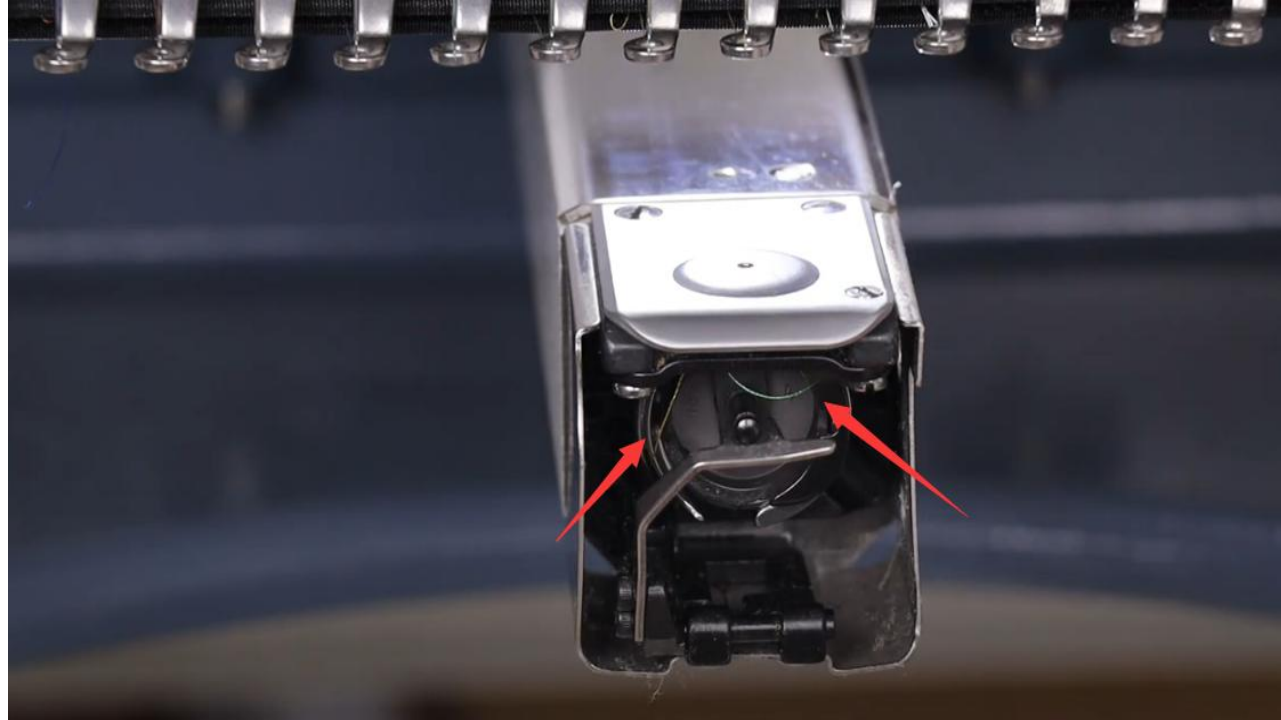
Step 9

Clean thoroughly with a brush



Step 10

Remove the bobbin case



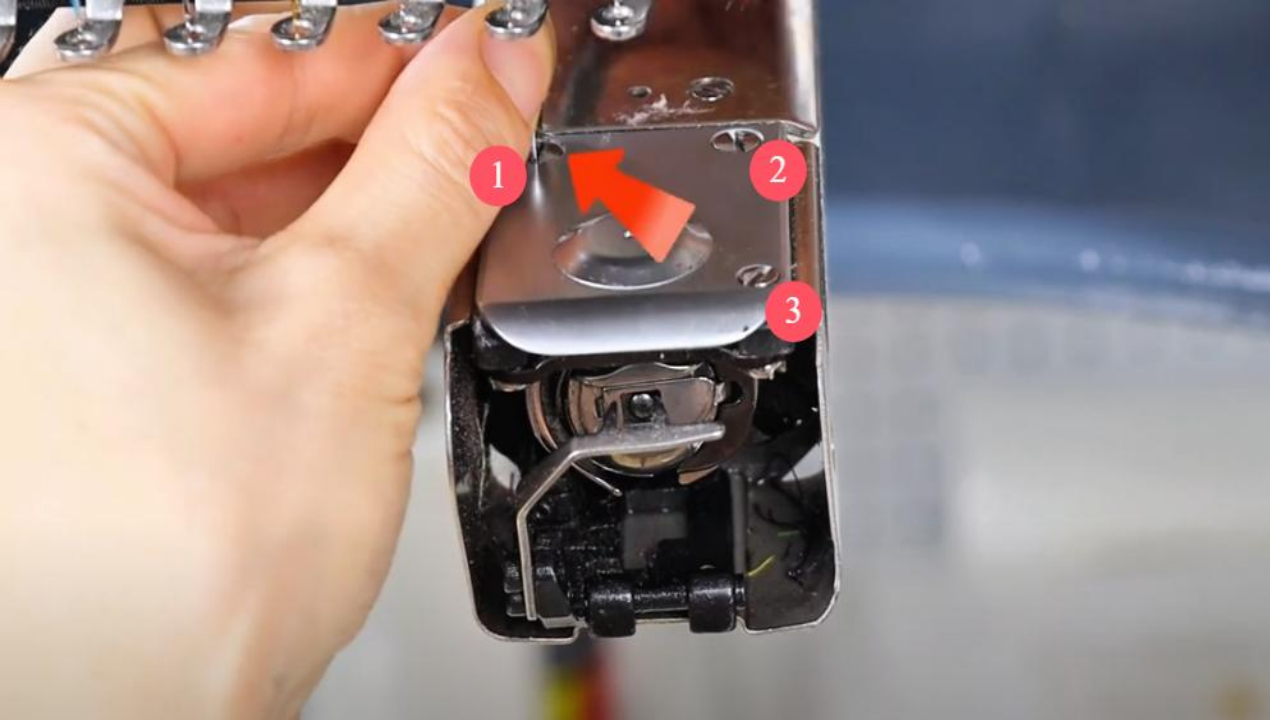
Step 11

Clean up dust and broken threads

Part 7

Clean the needle plate

**When using the machine you need to
clean the needle plate once every two weeks
and add oil once every 3-4 hours,
two drops at a time**



Step 1

Remove the needle plate, loosen these three screws with a flat screwdriver



Step 2

Remove the two screws underneath with a Philips screwdriver



Step 3

Remove the metal cover



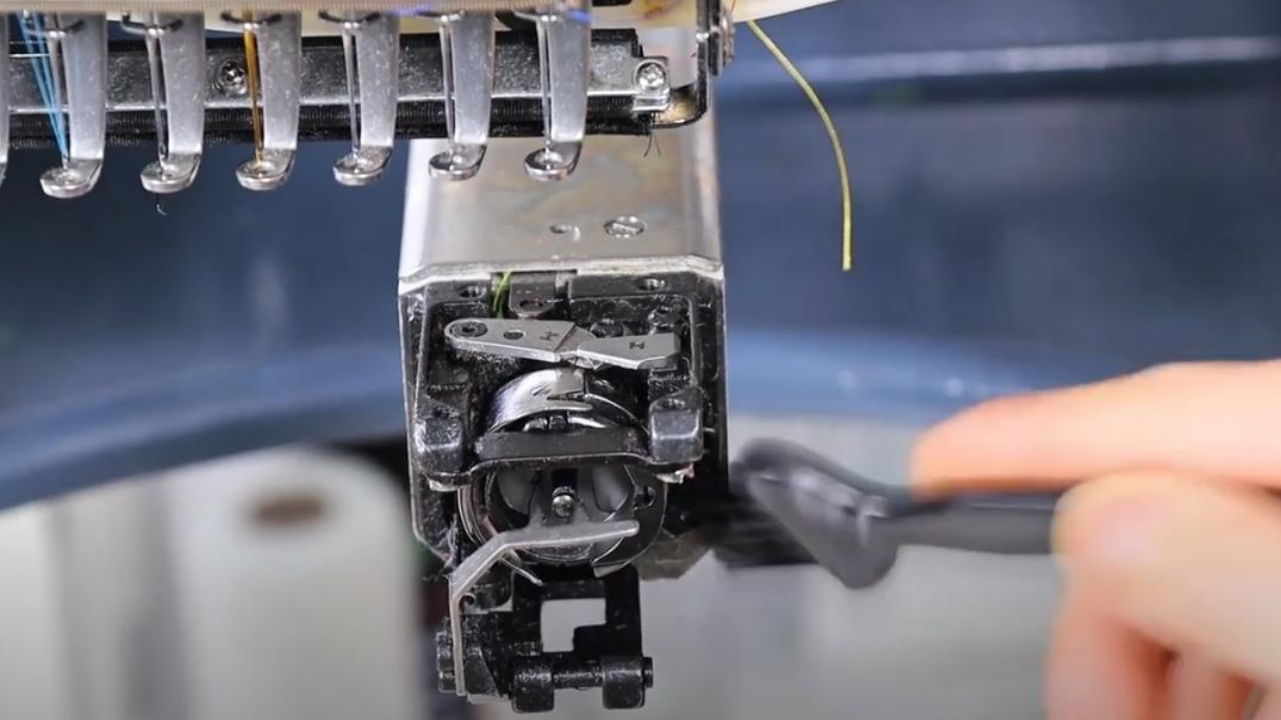
Step 4

Clean the cover with the brush



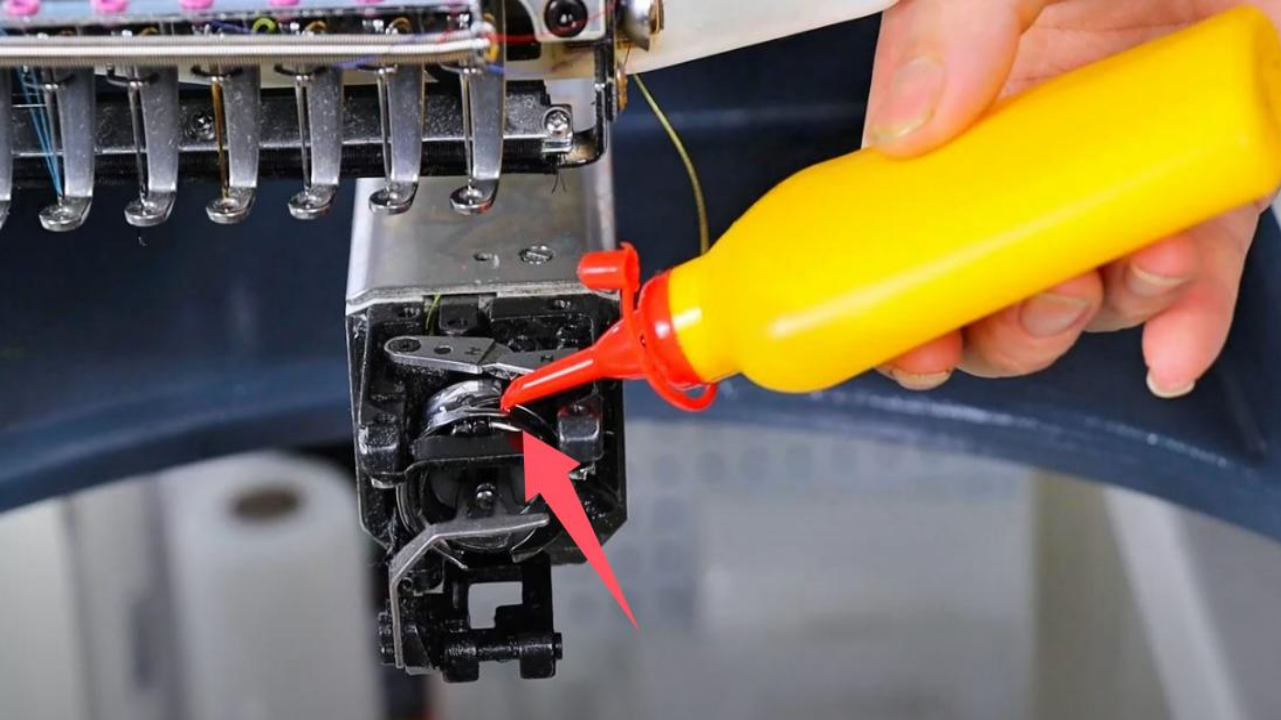
Step 5

Take the bobbin case off



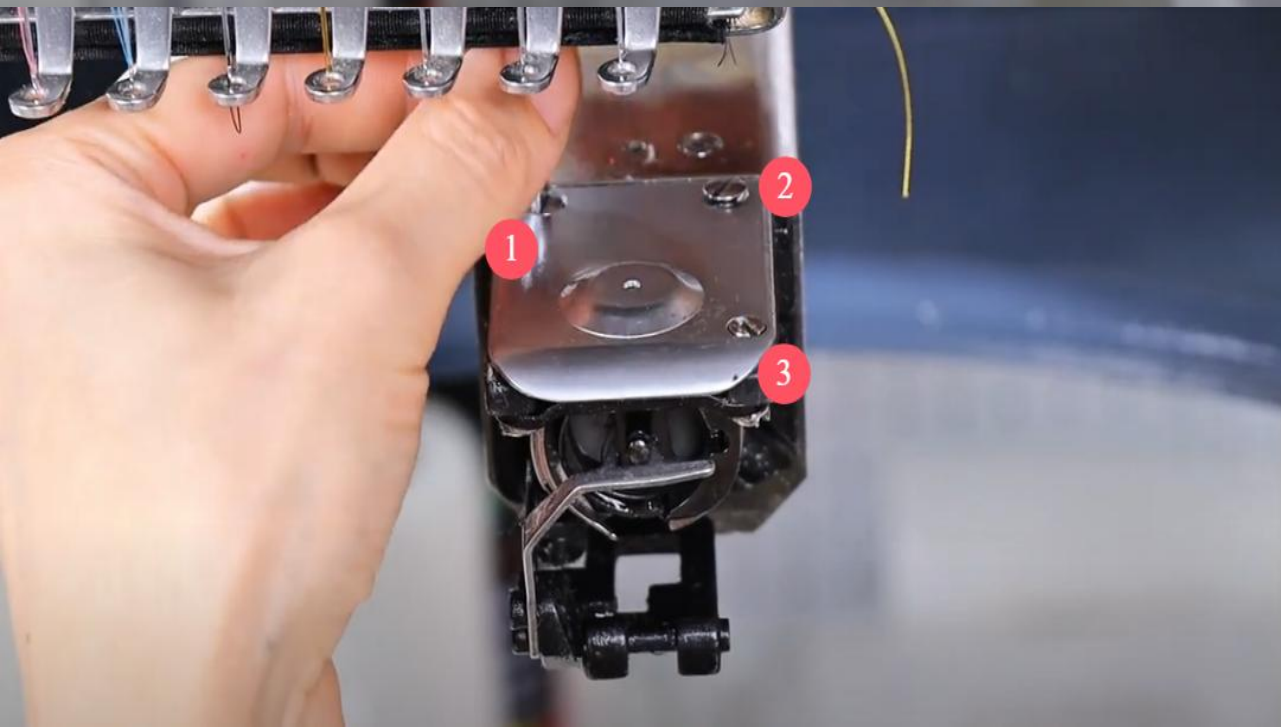
Step 6

Clean the bobbin area with a brush



Step 7

Add two drops of oil for the machine maintenance



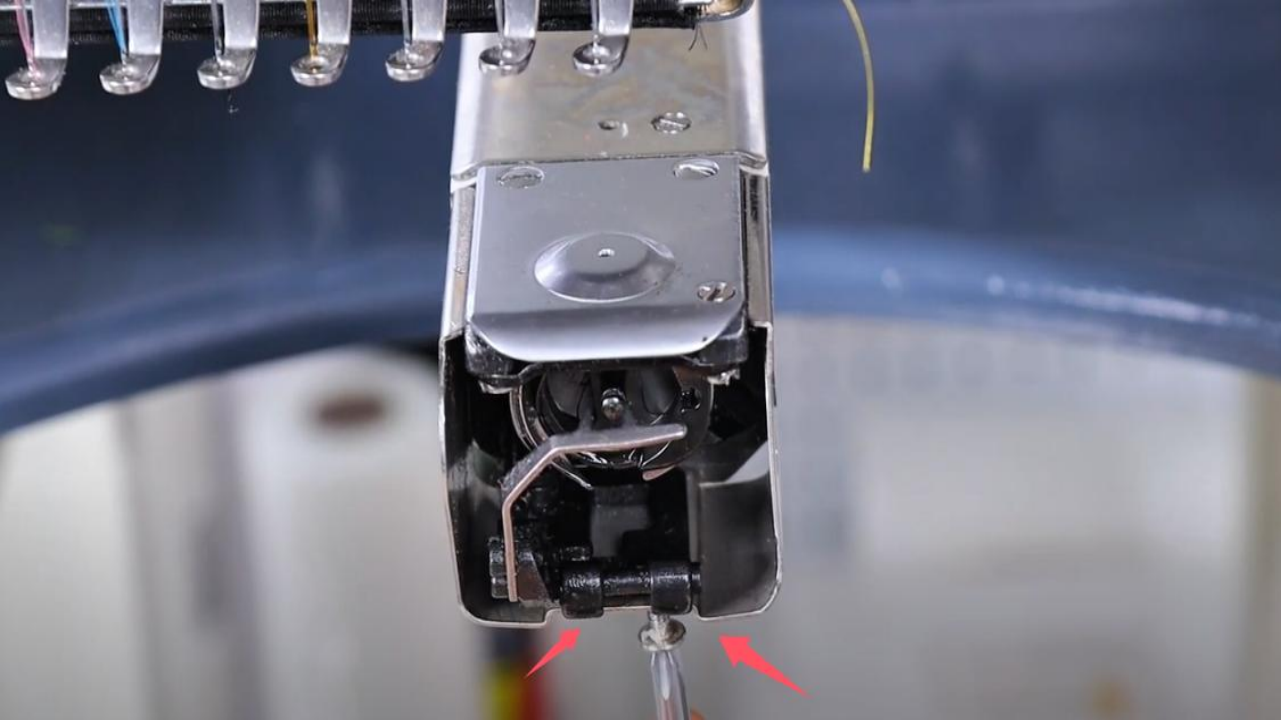
Step 8

Install the needle plate back, tighten all three screws clockwise



Step 9

Install the metal cover back



Step 10

Install the two screws underneath
back with Philips screwdriver



Step 11

Install the bobbin case



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How to fix emergency stop error



Error:
There is an emergency
stop error showing on the
screen
(1000b01)

Solution:

Rotate the red button
clockwise behind the
control panel



Result:
Error removed



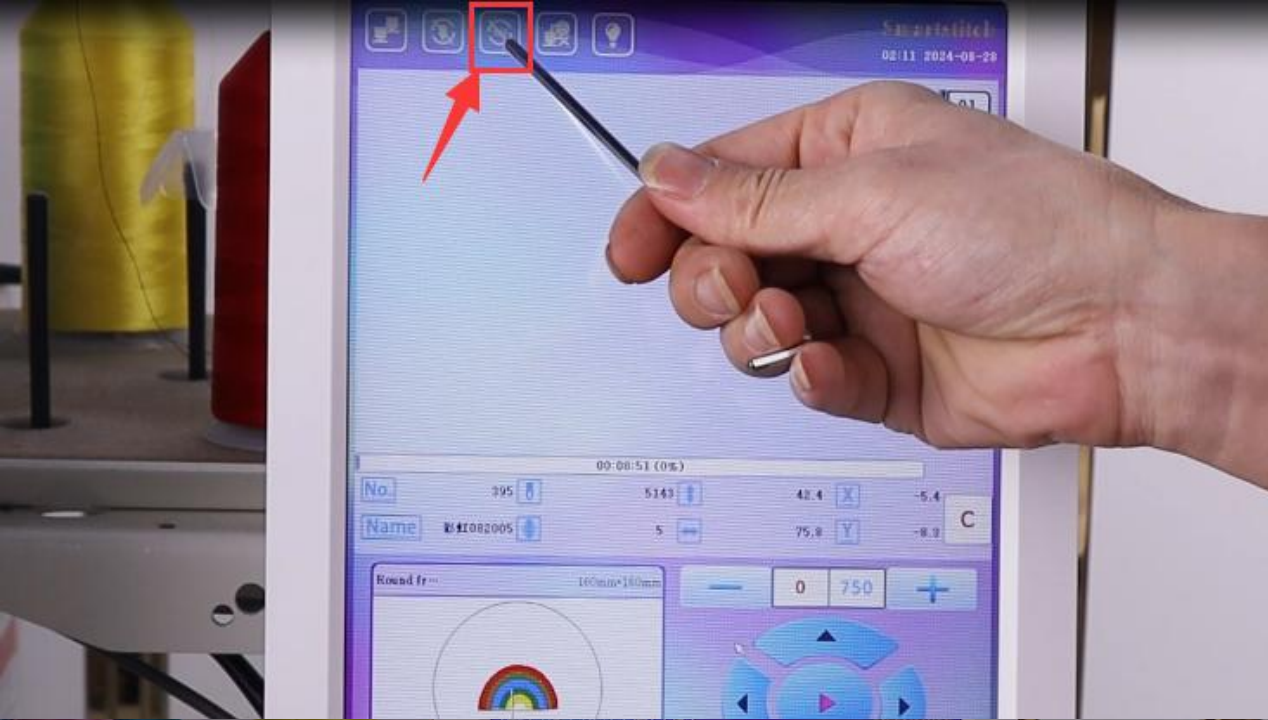
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Smart Machine, Amazing Stitch

How to fix Main shaft 100 error & Color-changing position error

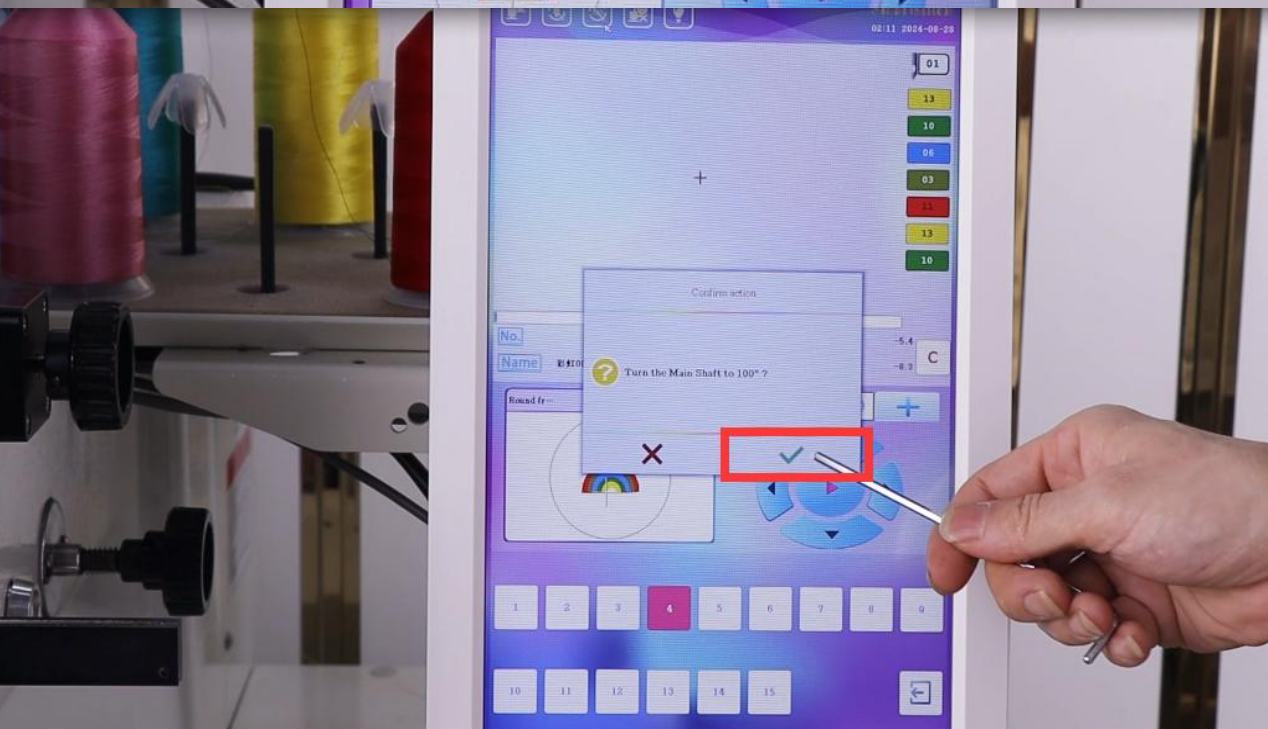
Video link: <https://www.youtube.com/watch?v=oRF5bPe6c-c&list=PLwaLhU0aOSIrFvreU3e6GLfeeVvucDzFC&index=10>

Error 1:
Main shaft not at 100
degrees

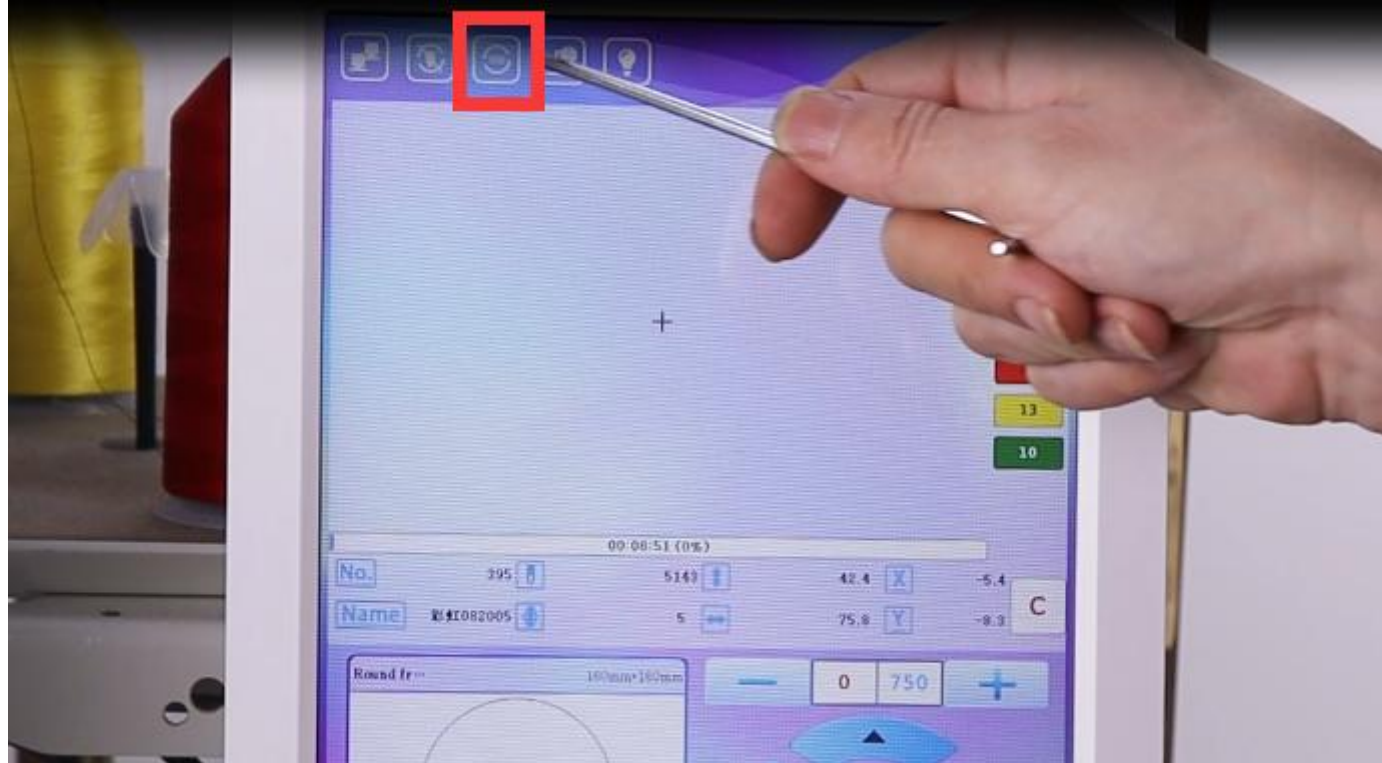
Solution Step 1:
Click the green check
mark



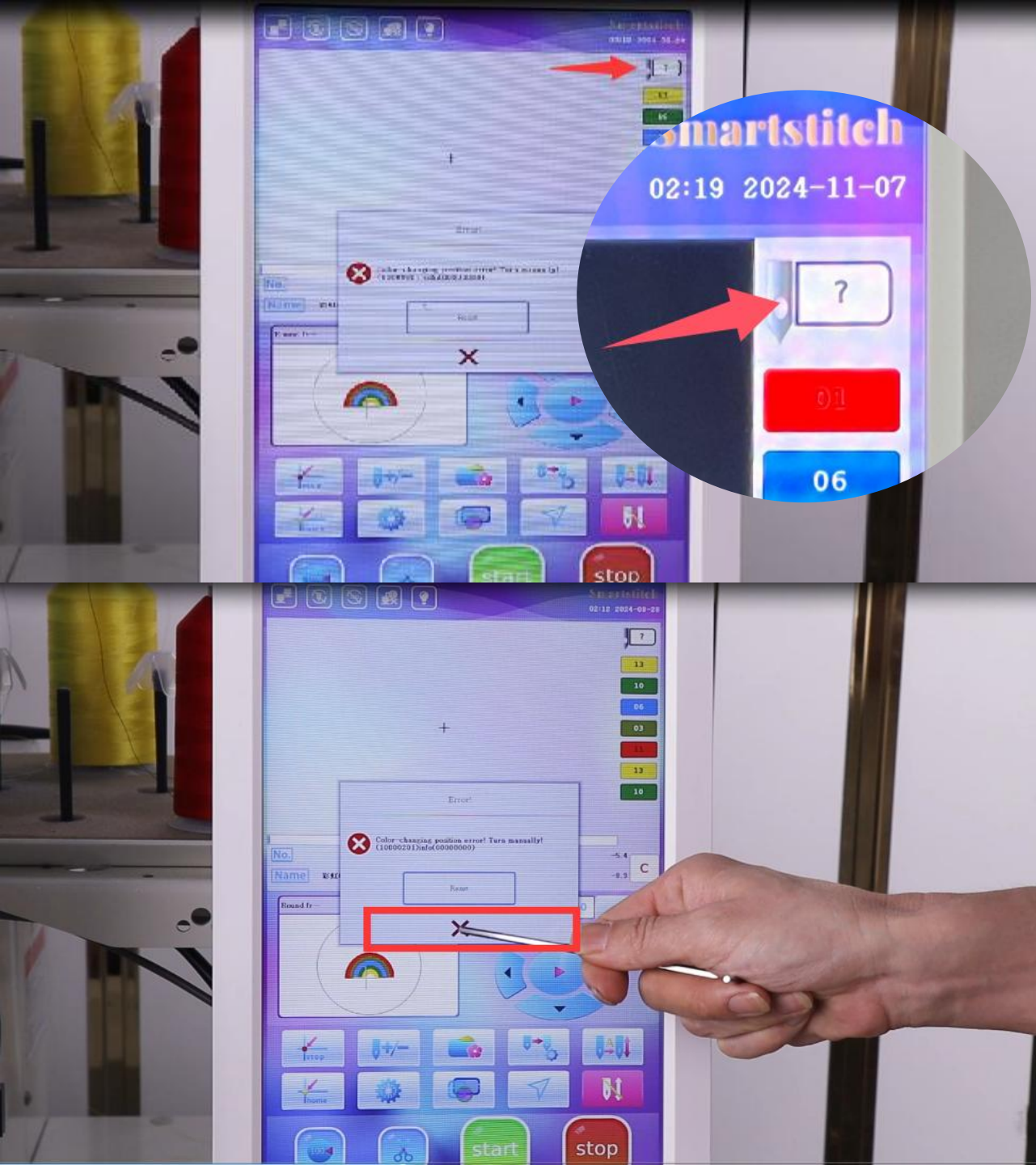
Solution Step 2:
Click the 100 icon



Solution Step 3:
Turn the Main shaft to
100 degrees



Result:
No slash across 100 icon

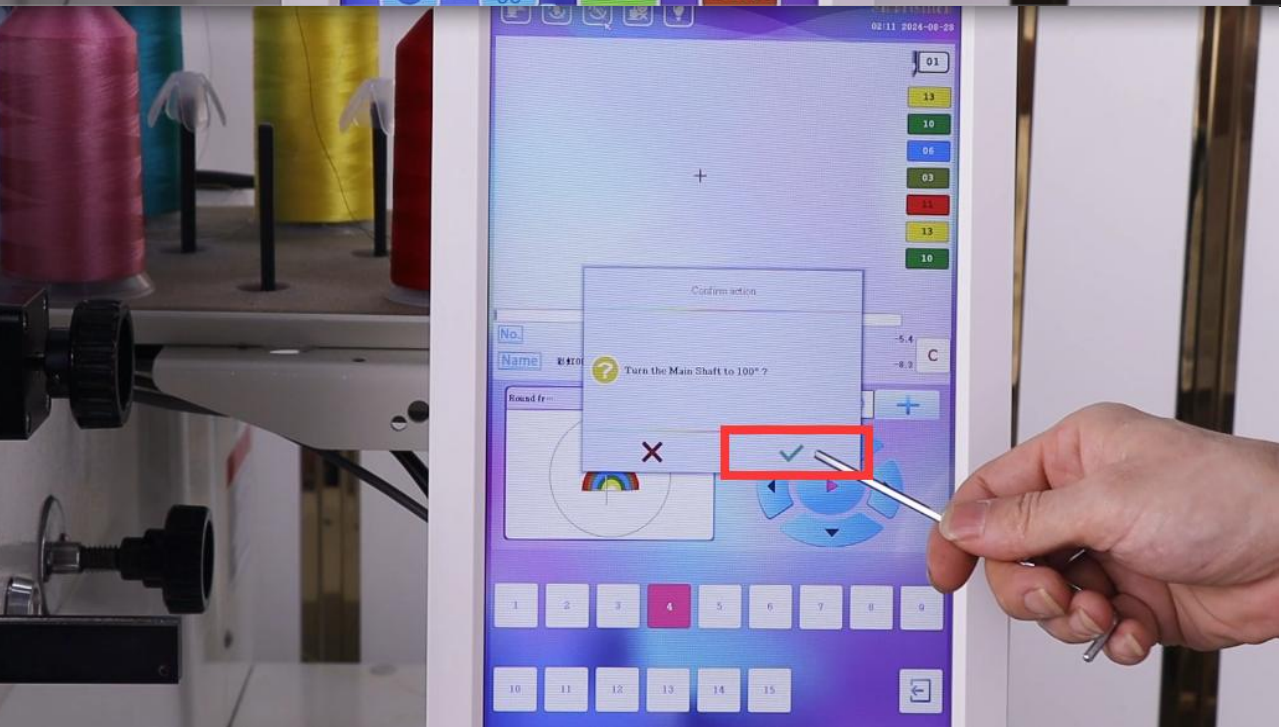


Error 2:
Color-changing position
error & Main shaft not at
100 degrees

Solution Step 1:
Click X

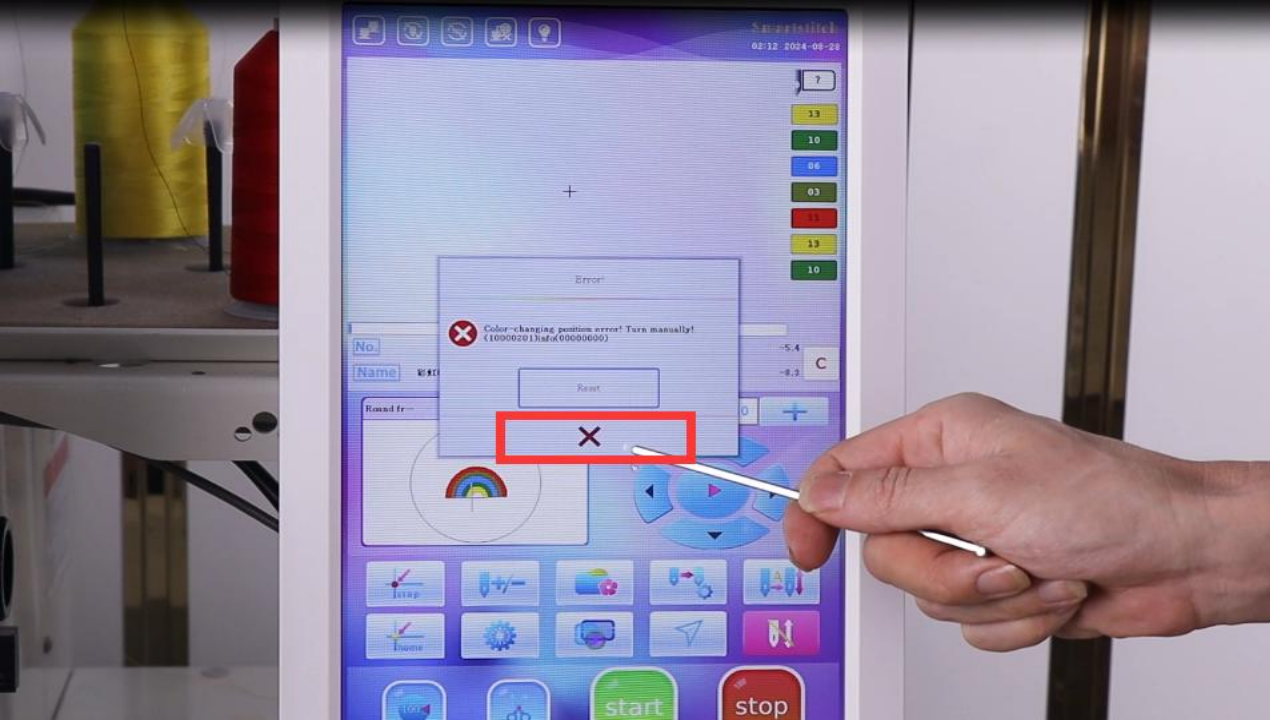


Solution Step 2:
Click 100 icon



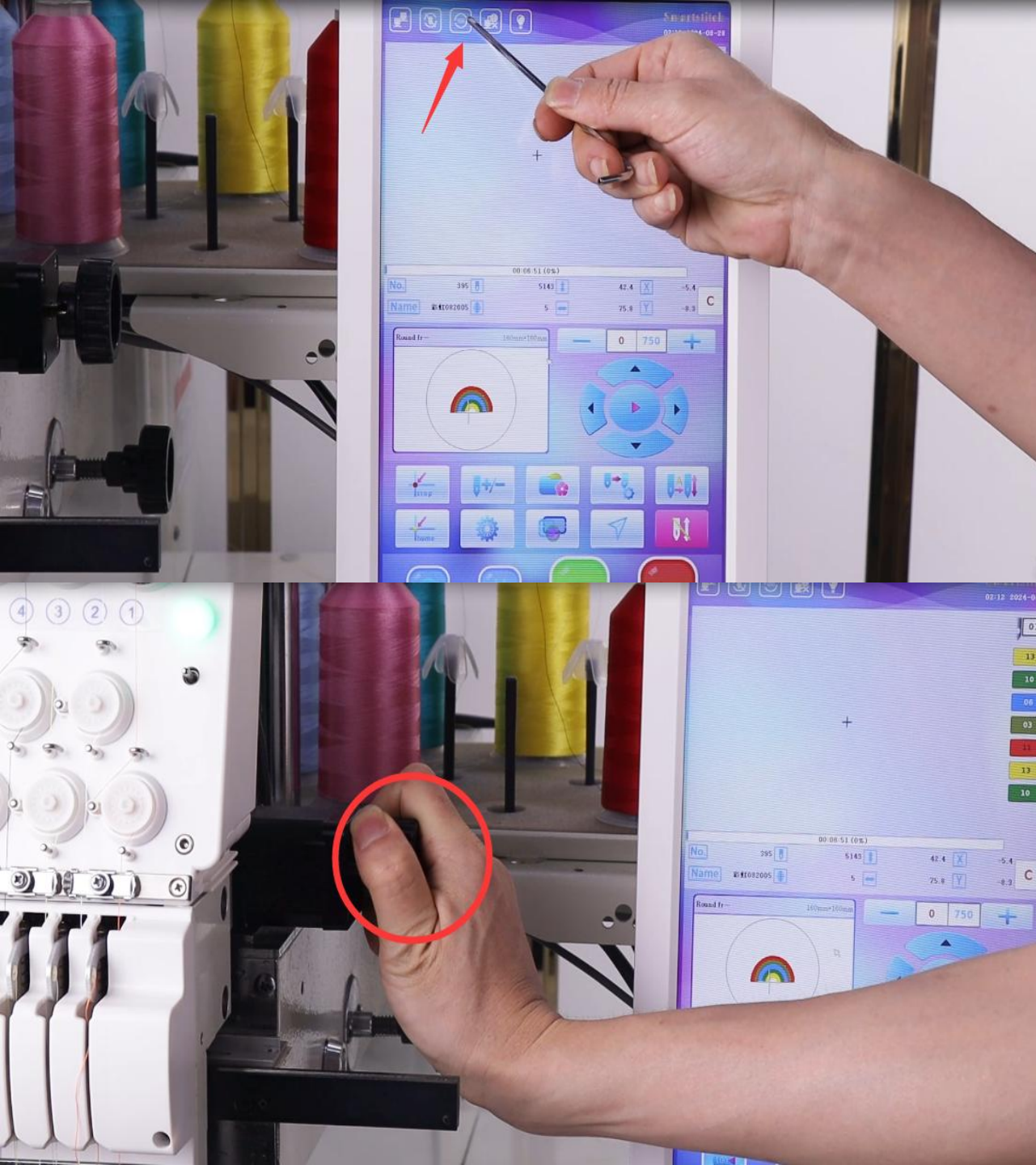
Solution Step 3:
Turn the Main shaft to
100 degrees

Solution Step 4: Click X



Solution Step 5: Rotate the main shaft knob till there is **no slash** on the 100 icon on the top





No slash now

Solution Step 6:
Rotate the color-changing
knob till there is **number**
on the current needle bar

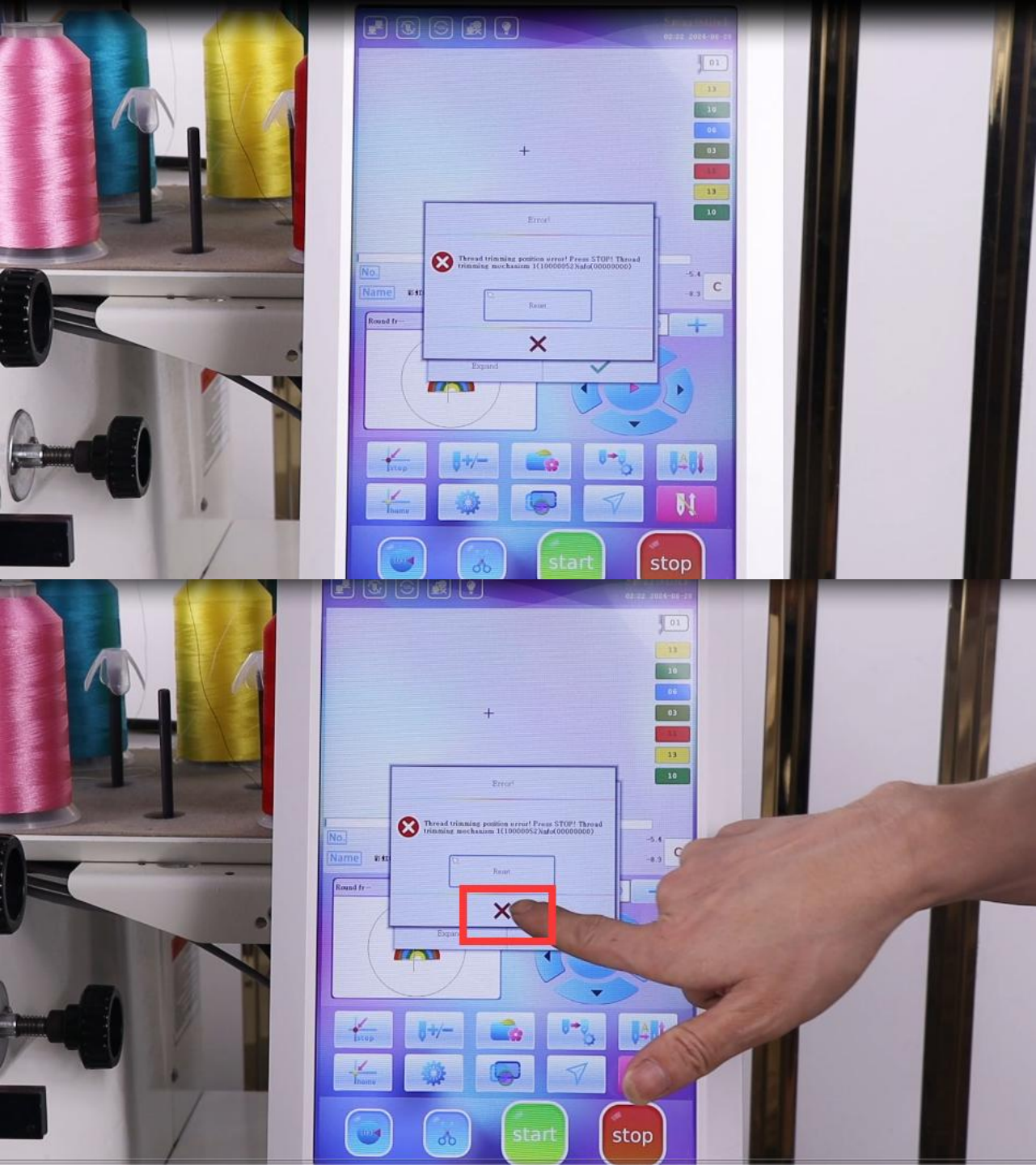


Result:
There is **number** showing
on the current needle bar



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How to Fix Thread trimming error

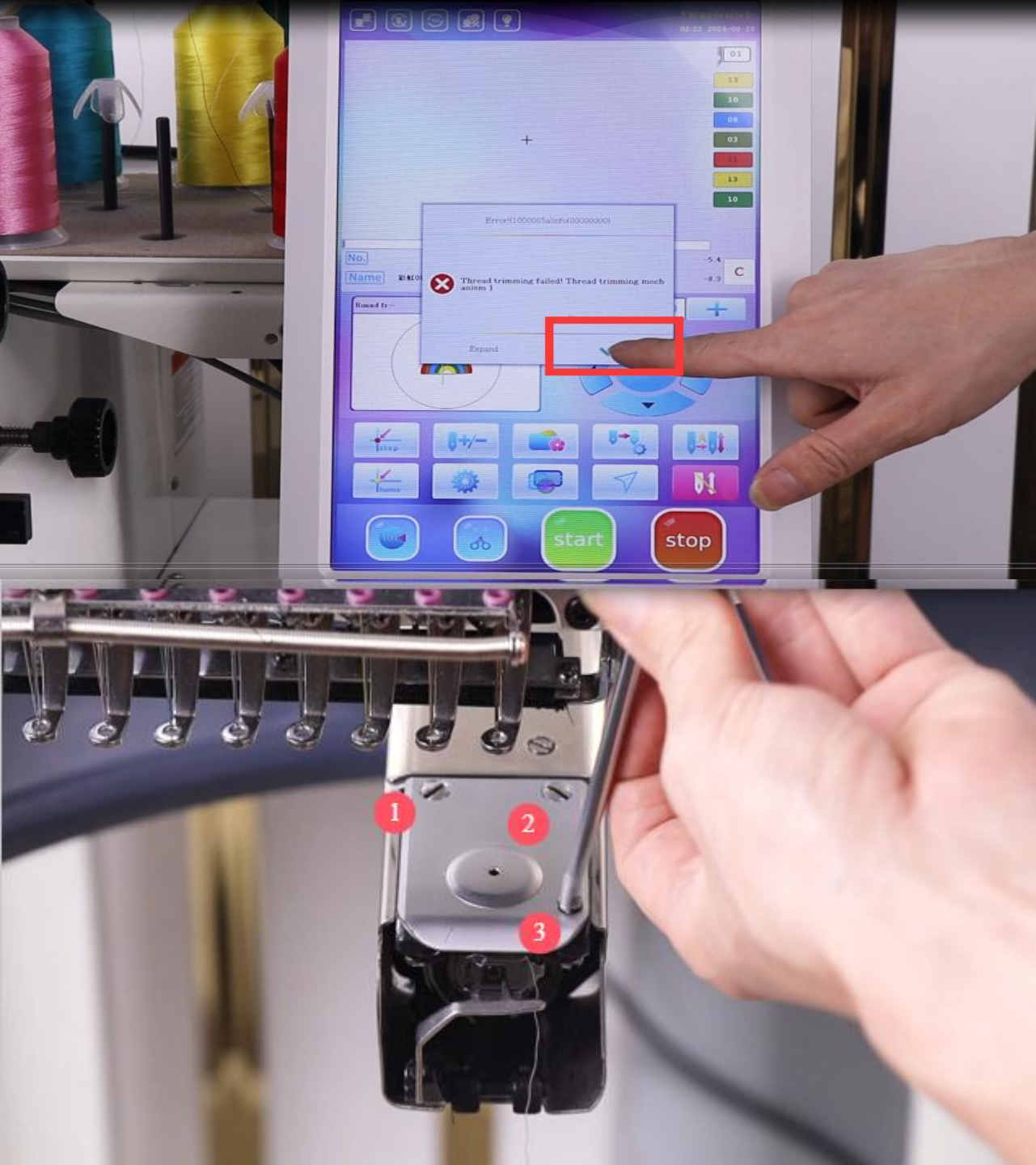


Error:

Thread trimming failed
(10000052)

Solution Step 1:

Click X



Solution Step 2:

Click The green check mark

Solution Step 3:

Loosen the three screws
on the needle plate



Solution Step 4:

Clean all the stuck threads



Solution Step 5:

Turn the silver knob to the
left underneath the
machine



Solution Step 6:

Click on the scissors icon



Solution Step 7:

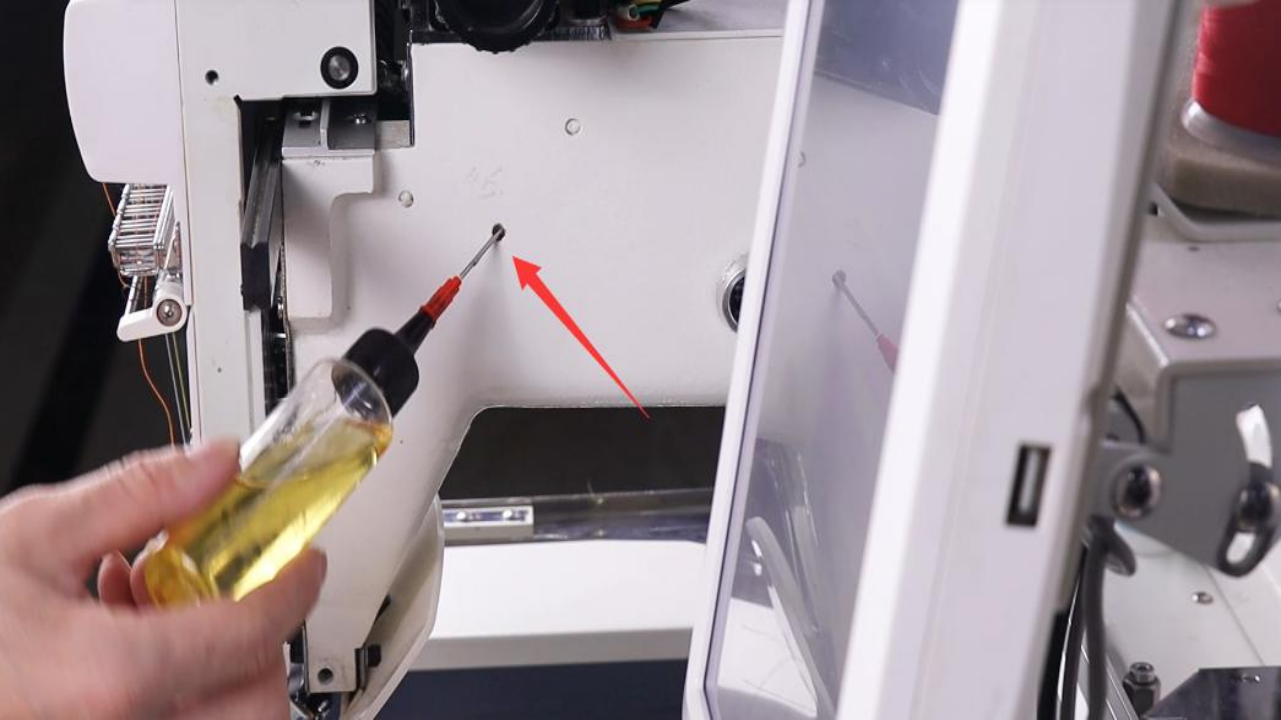
Click on the trim icon



Step 8:

Install the needle plate
back, then do the machine
maintenance

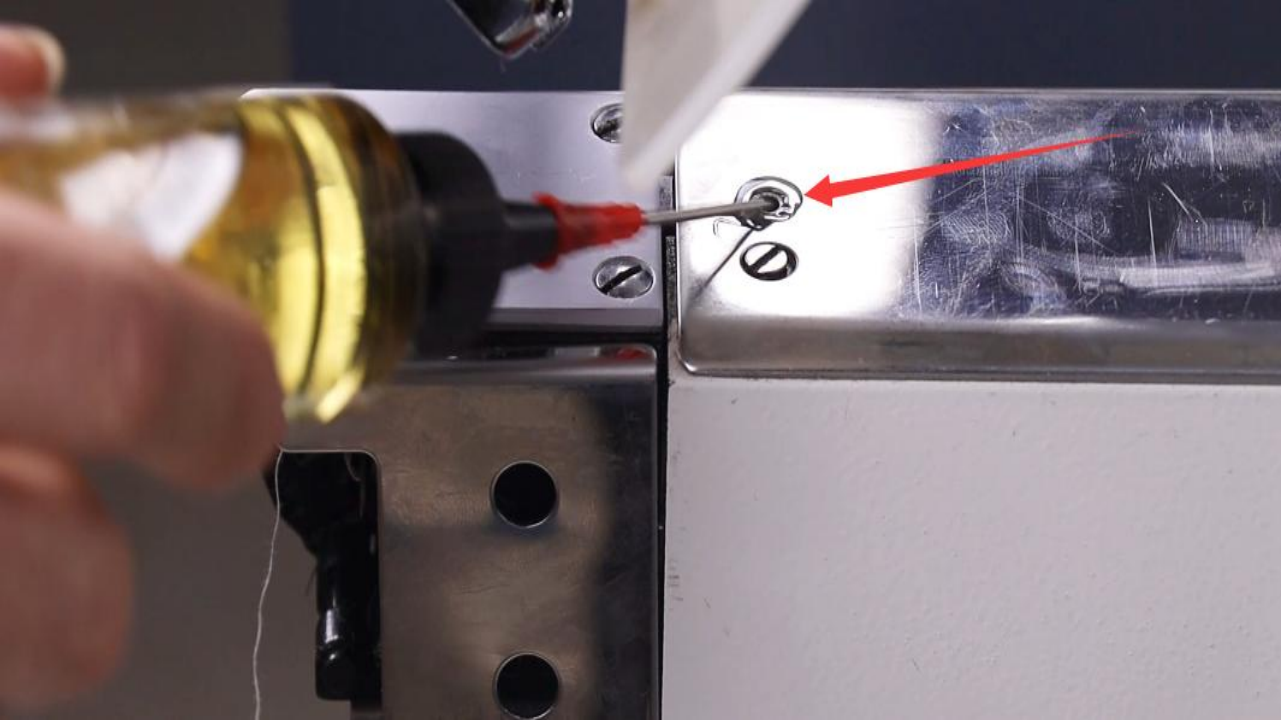
Maintenance



Step 1:
Add oil on the right side
of the machine



Step 2:
Add oil on the back of the
machine



Step 3:
Add oil near the bobbin
area



Step 4:
The machine is at 100
degrees on the right
beside the black knob

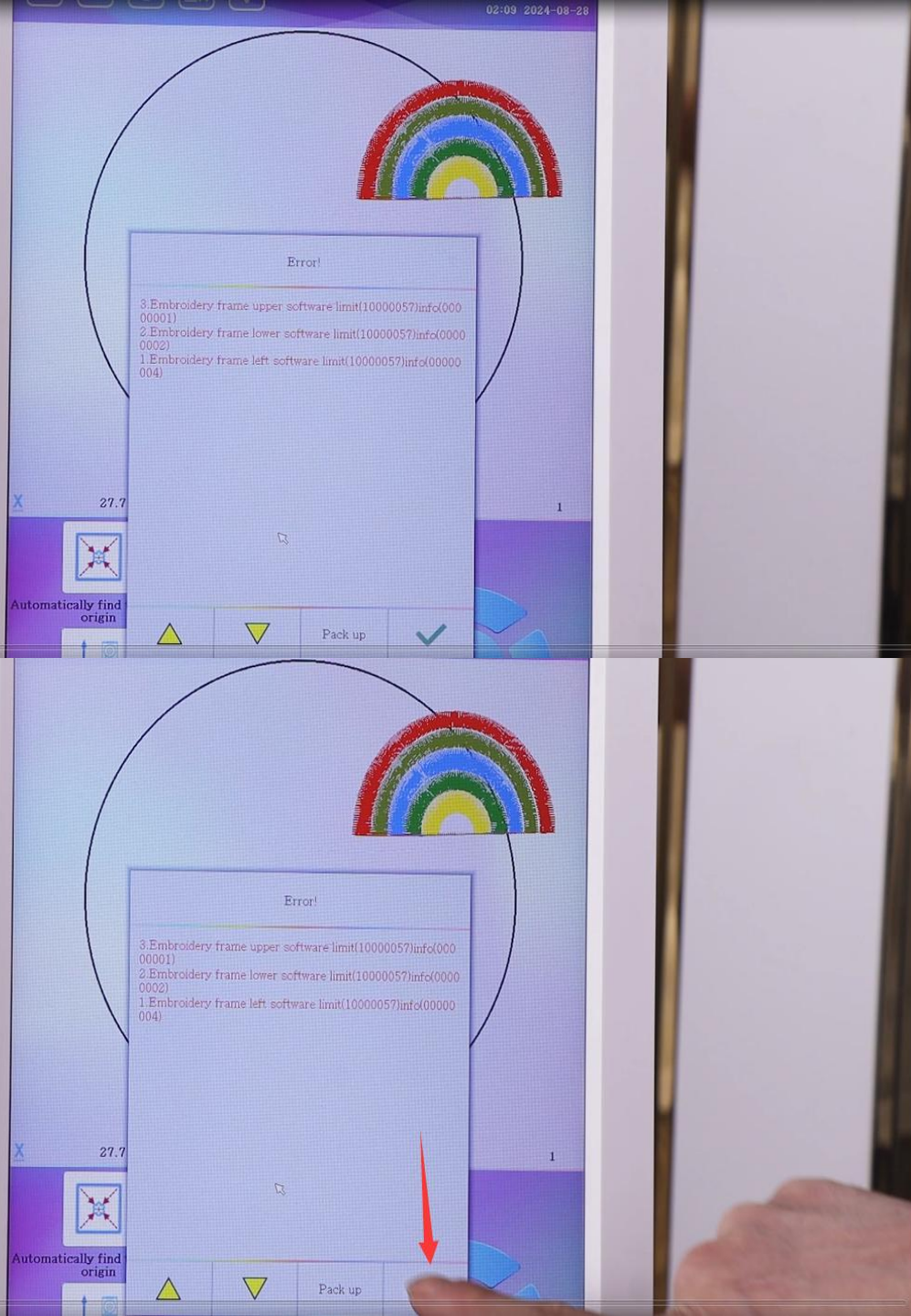


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Embroidery frame exceeds software limit
Embroidery frame left software limit

Error 1:
Embroidery frame
exceeds software limit

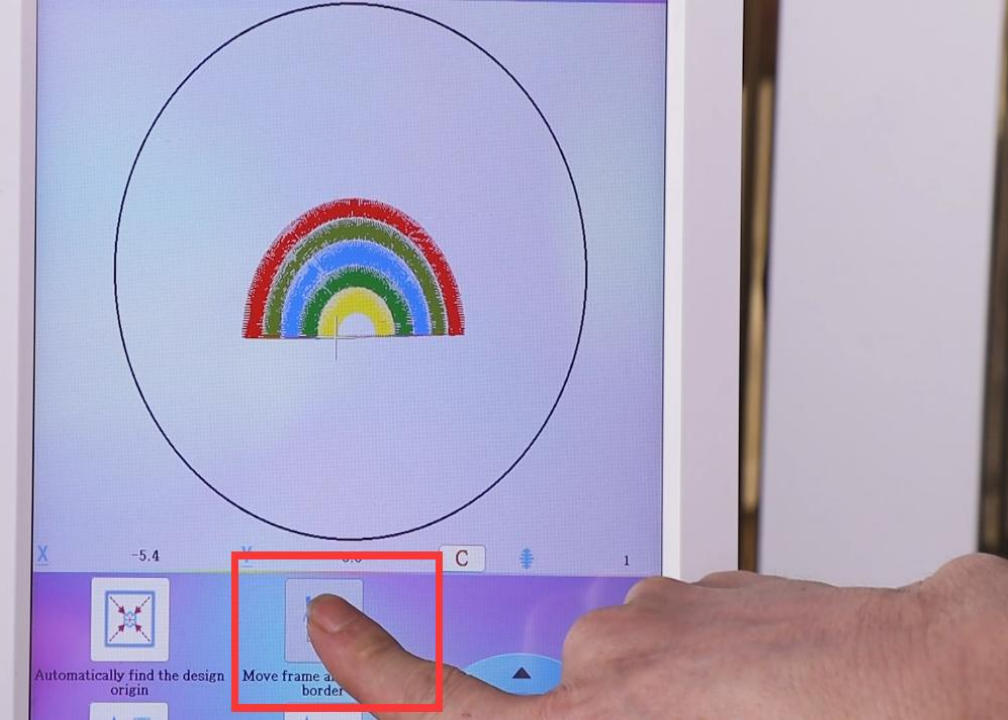
Solution Step 1:
Click the green check
mark



Solution Step 2:
Find the design origin

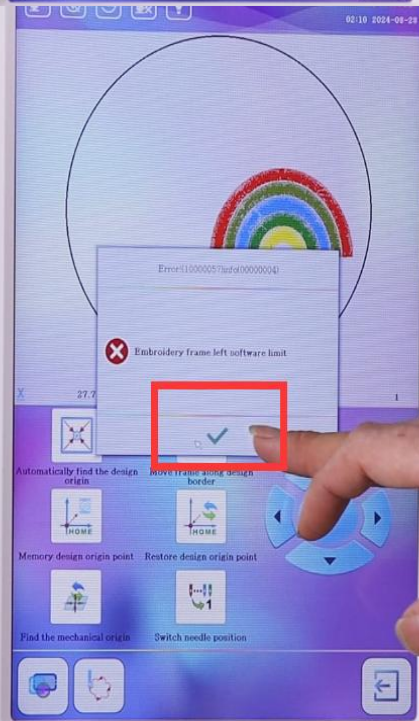
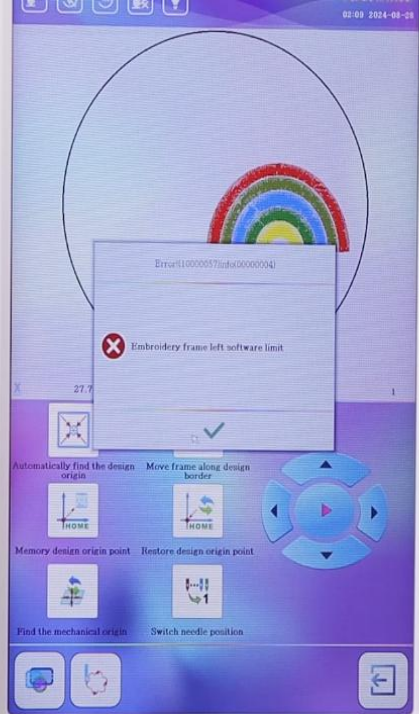


Solution Step 3:
Move frame along the
design border



Error 2: Embroidery frame left software limit

Solution Step 1:
Click the green check
mark



Solution Step 2:
Find the design origin

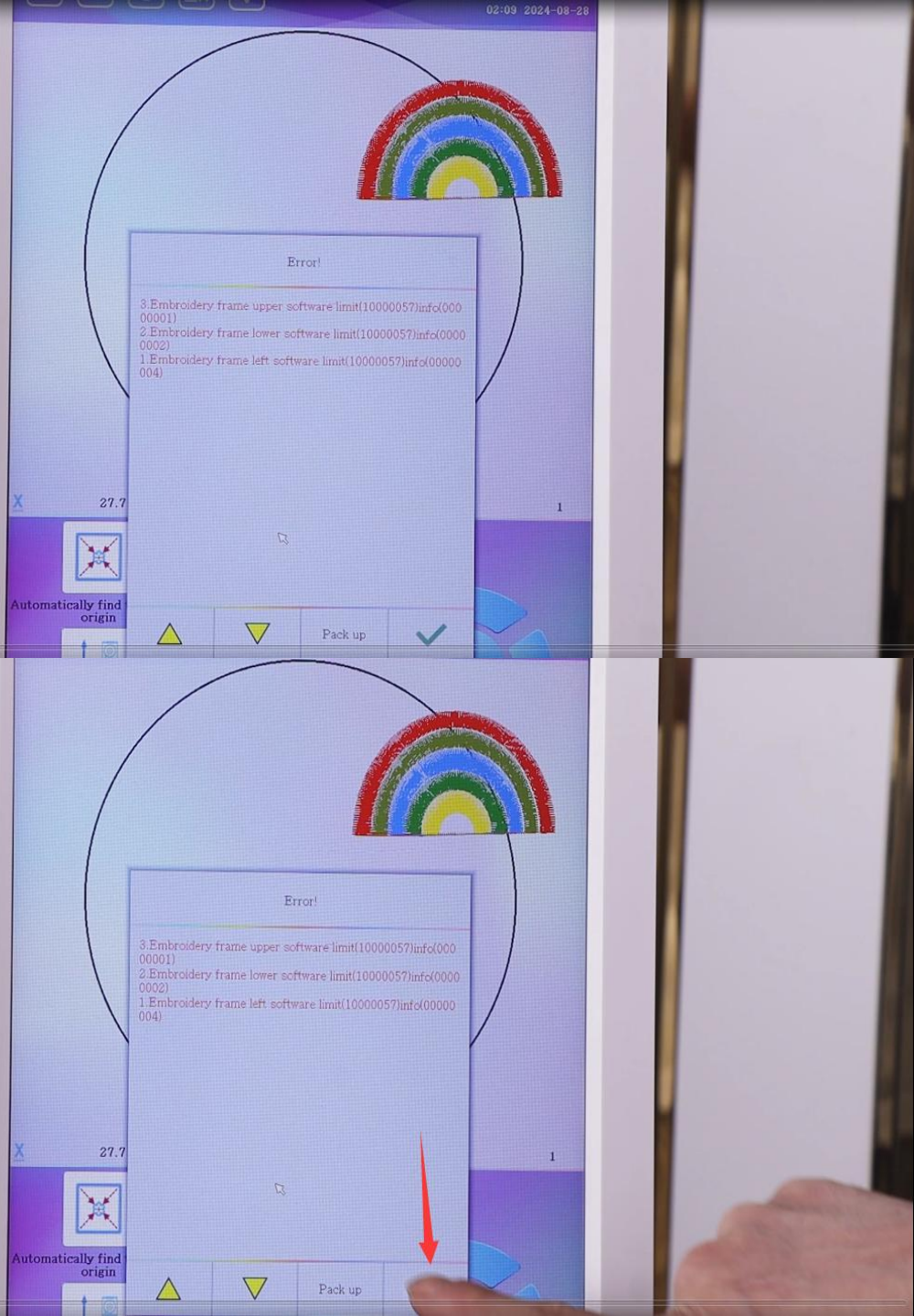


Solution Step 3:
Move frame along the
design border



Error 1:
Embroidery frame
exceeds software limit

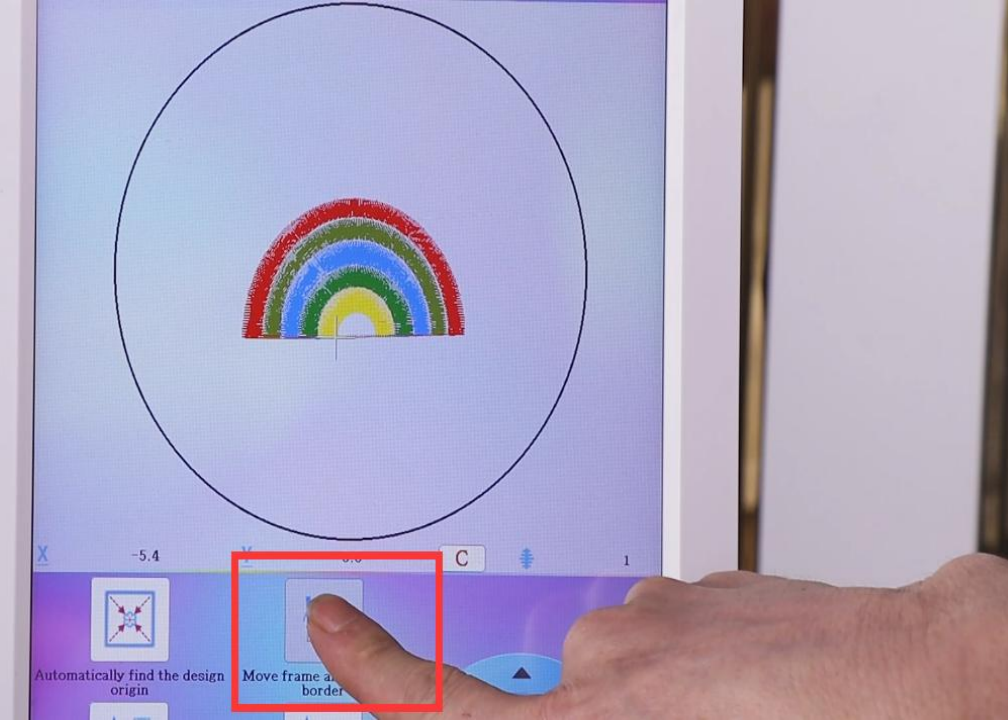
Solution Step 1:
Click the green check
mark



Solution Step 2:
Find the design origin

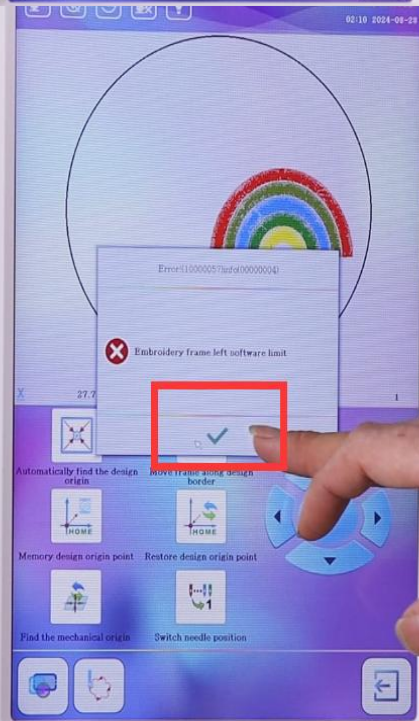
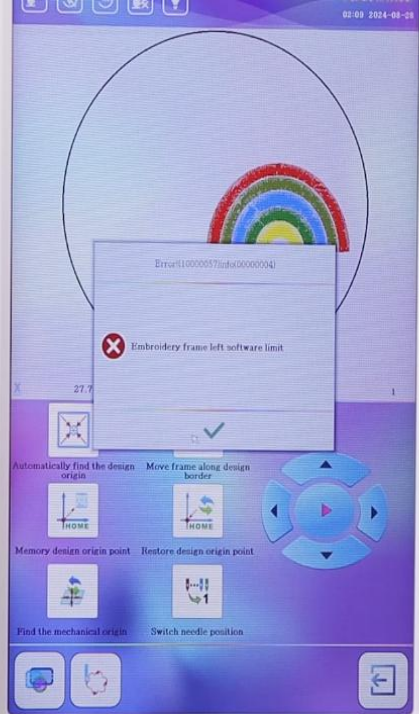


Solution Step 3:
Move frame along the
design border



Error 2: Embroidery frame left software limit

Solution Step 1:
Click the green check
mark



Solution Step 2:
Find the design origin

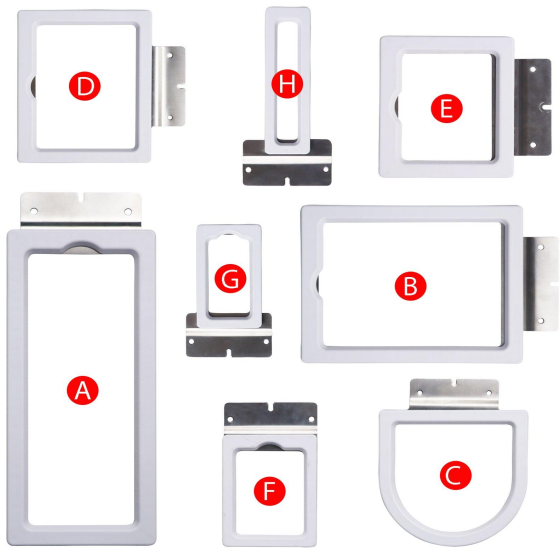


Solution Step 3:
Move frame along the
design border



S-1501 magnetic hoop

Experience the convenience of our magnetic hoop. The magnetic hoop securely holds your fabric in place, eliminating the need for traditional hoop adjustments. Achieve consistent and flawless results on various fabrics, from delicate to thick. Elevate your embroidery efficiency and precision with this innovative magnetic hoop, making every project a breeze.



Watch the video:

Smartstitch Embroidery Machine S1501 Learn Embroidery Using Magnetic Hoop

<https://www.youtube.com/watch?v=6miXeQVwixU>

Purchase:

<https://smartstitch-official.com/products/1501-magnetic-hoop>

S-1501 shoes hoop

Our shoes hoop is designed to securely hold shoes in place, allowing you to effortlessly embellish them with style. From sneakers to loafers, bring your footwear to life with custom designs that stand out. Our shoes hoop, transforming ordinary shoes into personalized works of art.



Embroidery Area: 6.7"x3.9"



Watch the video:

Smartstitch Embroidery Machine S1501 Learn
Embroidery Embroidery on Shoes

<https://www.youtube.com/watch?v=GpzzpkZfCTQ>

Purchase:

<https://smartstitch-official.com/products/shoes-hoop>

S-1501 Pocket hoop

It can be used to embroider pockets and can also be used to embroider the sides of hats.

S-1501 Embroidery area: 4.5x8cm

S-1501 Embroidery area: 6.5x8cm



Watch the video:

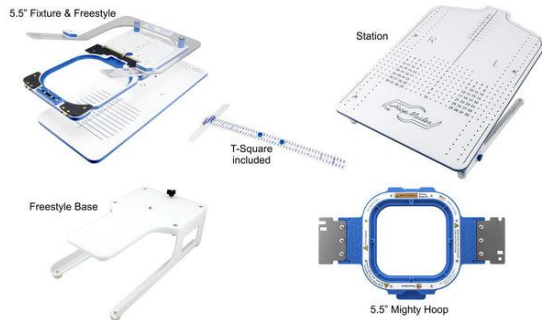
Smartstitch Embroidery Machine S1501 Learn
Embroidery Pocket hoop

<https://www.youtube.com/watch?v=oPEAdZPAYBE>

Purchase:

<https://smartstitch-official.com/products/pocket-hoop?variant=47237198610751>

S-1501 5.5" mighty hoop kit



Watch the video:
Smartstitch Embroidery Machine — Mighty hoop
assembling and using

https://www.youtube.com/watch?v=rhsOvO_jeks

Purchase:

<https://smartstitch-official.com/products/smartstitch-s1501-5-5-mighty-hoop-kit>

Digital tension gauge

BATTERIES NOT INCLUDED (NEED TO PURCHASE THREE AAA BATTERIES)

IT CAN TEST UPPER THREAD TENSION AND BOBBIN THREAD TENSION

Tip: Please pull the thread at a constant speed

Smartstitch embroidery machines use type L 90wt bobbin thread.

S-1001/S-1201/S-1501: Bobbin thread tension: 25-28

S-1001/S-1201: Upper thread tension: 95-100(Polyester thread)

S-1501:Upper thread tension: 80-85(Polyester thread)



Watch the video:

Smartstitch Embroidery Machine S1001/ S1201
How to Use Digital Tension Gauge

<https://www.youtube.com/watch?v=-oLP8jt40pk&t=89s>

Smartstitch Embroidery Machine S1501 How to
Use Digital Tension Gauge

<https://www.youtube.com/watch?v=EXwyAR7mEls&t=62s>

Purchase:

<https://smartstitch-official.com/products/towa-tension-gauge-for-smartstitch-type-l>

Bobbin case tension gauge

TEST BOBBIN THREAD TENSION ONLY!

The Towa Bobbin Tension Gauge is a must-have tool that helps measure thread bobbin tension

Tip: Please pull the thread at a constant speed

Smartstitch embroidery machines use type L 90wt bobbin thread.

S-1001/S-1201/S-1501: Bobbin thread tension: 200-300

The tension of the embroidery hat is close to 300



Watch the video:

Smartstitch Embroidery Machine S1001
How to use bobbin case tension gauge

<https://www.youtube.com/watch?v=OTqLd5fKU6M&t=8s>

Purchase:

<https://smartstitch-official.com/products/towa-tension-gauge-for-smartstitch-type-l-1>



New brothreads - 25 Basic
Colors of Huge Spool 5000M
Polyester Embroidery
Machine Thread for
Commercial and Domestic
Embroidery Machines

Purchase:

<https://www.amazon.com/New-brothreads-Polyester-Embroidery-Commercial/dp/B08JFZGFY9/>



New brothreads - All 60 Assorted
Colors of Huge Spool 5000M
Polyester Embroidery Machine
Thread for Commercial and
Domestic Embroidery Machines

Purchase:

<https://www.amazon.com/New-brothreads-Polyester-Embroidery-Commercial/dp/B08JFTWYRQ/>



New brothread 16 Colors Luminary
Glow in The Dark Embroidery Machine
Thread Kit 30WT 500M(550Y) Each
Spool for Embroidery, Quilting, Sewing

Purchase:

<https://www.amazon.com/New-brothread-Luminary-Embroidery-Quilting/dp/B09YNDRJC8>



New brothread 8pcs (4 Gold+4 Silver Colors)
Metallic Embroidery Machine Thread Kit 500M
(550Y) Each Spool for Computerized
Embroidery and Decorative Sewing -
Assortment 2

Purchase:
<https://www.amazon.com/New-brothread-Embroidery-Computerized-Decorative/dp/B096LWCBFJ>



New brothread 144pcs Type L (SA155) Size White Prewound Bobbin Thread Plastic Side for Commercial & Home Embroidery and Sewing Machines - 90 Weight Cottonized Soft Feel Polyester Sewing Thread

Purchase:

https://www.amazon.com/New-brothread-Prewound-Particular-Embroidery/dp/B07VB24DGY?ref_=ast_sto_dp&th=1



GROZ-BECKERT NEEDLE in CKPSMS
Clear Plastic Box - 100PCS Groz Beckert
DBXK5 SAN1 GEBEDUR Titanium
Coated Industrial Embroidery Machine
Needles (Size 75/11)

Purchase:

[Amazon.com: GROZ-BECKERT NEEDLE in CKPSMS
Clear Plastic Box - 100PCS Groz Beckert DBXK5
SAN1 GEBEDUR Titanium Coated Industrial
Embroidery Machine Needles \(Size 75/11\)](#)

Please note:
The needles are
compatible with
industrial embroidery
machines, not with
household machines.



GROZ-BECKERT Needle in CKPSMS Clear
Plastic Box- 100 Groz Beckert DBXK5
Industrial Embroidery Sewing Machine
Needles Compatible with Tajima Barudan
SWF (Size 90/14)

Purchase:

[Amazon.com: GROZ-BECKERT Needle in CKPSMS
Clear Plastic Box- 100 Groz Beckert DBXK5 Industrial
Embroidery Sewing Machine Needles Compatible with
Tajima Barudan SWF \(Size 90/14\)](#)



Towa Standard L-Style Embroidery Bobbin Case with Spring - Made in Japan

Purchase:

[Amazon.com: Towa Standard L-Style Embroidery Bobbin Case with Spring - Made in Japan](#)



Water-soluble Top Stabilizer

Water soluble embroidery topping film is a transparent film. It dissolves completely by immersing it in cold or warm water, leaving no trace behind. It is the perfect choice when you need to make embroidered fabrics disappear. Apply our washable (water-soluble) embroidery film to the fabric and sew. Once you've completed your project, simply peel off the embroidery film and the portion on the garment will dissolve itself when you wash the garment.

Applicable materials:

water soluble embroidery topping film is best used on the top of high pile fabrics, towels, velvet, corduroy, terry cloth, sweater, fleece and other fluffy fabrics. Greatly help in preventing embroidery stitches from sinking in these fabrics.

Purchase:

<https://www.amazon.com/New-brothread-Light-Weight-Clear/dp/B085HL14PD/>



TearAway Backing

It provides temporary support for embroidery projects. They are best used on firmly woven fabrics and fabrics made from natural fibers. Tear away embroidery stabilizer can be torn away easily yet provides adequate stability. Stabilized woven fabrics are usually better with hand-tear type embroidery backing, this is because when you remove the excess embroidery backing by hand, the fabric will not be distorted or damaged.

Applicable materials:

Best used on natural fibers, thicker and softer fabrics. Great for hoop embroidery, applique, thread stretching, computerized lace embroidery and decorative stitch sewing.

Purchase:

<https://www.amazon.com/dp/B07GGS5FZ1/?th=1>



CutAway Backing

It is a permanent stabilizer will remain forever affixed to the embroidery and will provide permanent support for the design, it also helps retain the design's shape after repeated washing. for much denser designs, you can use more than one layer.

If you're embroidering on a light-colored, thin fabric (such as a T-shirt), be sure to use a thin, translucent cut-away backing. For much denser designs, you can use more than one layer.

Applicable materials:

Best used on knits, fleece, denim and for fabric that is unstable, moves or distorts when tugged on. Great for hoop embroidery, applique, thread stretching, computerized lace embroidery and decorative stitch sewing.

Purchase:

<https://www.amazon.com/dp/B07F82V4F4/>



Wash away backing

It dissolves completely when immersed in cold or warm water leaving no backing at all. A great choice for both embroidery backing and topping. when you need an embroidery stabilizer to be disappeared: Hoop the wash away (water soluble) embroidery stabilizer together with fabric, then stitch. After finishing your project, just put the embroidery design into water, the stabilizer will disappear leaving nothing behind. It is light weight 1.5 oz (40 Grams) wash away embroidery stabilizer for light to medium stitch density, for much denser designs, you can use more than one layer.

Applicable materials

Best used on washable fabric and high pile fabric such as terry cloth, towels, fleece and other fluffy materials that requires the complete removal of the stabilizer. They are most widely used in free standing embroidery applications such as free standing lace (FSL).

Purchase:

<https://www.amazon.com/New-brothread-Wash-Away-Embroidery/dp/B07ZCWCW7L/>



No show mesh

This is no show mesh stabilizer which provides permanent support for embroidery projects. Unlike traditional cutaway stabilizer, our no show mesh stabilizer eliminates the backing showing through light colored fabrics because of its semitransparent, soft and sheer texture. (similar to Sulky Soft'n'Sheer, Weblon, OESD Polymesh). For the embroidery designs with light stitches, just put one layer stabilizer under the fabric, then hoop and stitch together. One layer can be strong enough to produce best "no show" results. For heavy stitches, denser designs or thicker fabrics, you can put one layer of light weight tearaway stabilizer underneath of no show mesh stabilizer for extra stability, then hoop and stitch together. Applicable materials:

no show mesh stabilizer is semitransparent, it eliminates show-through, so it's best used on stretchy knits in light colored. It eliminates the bulk, stiffness and shadowing characteristic of other types permanent stabilizers.

Purchase:

<https://www.amazon.com/New-brothread-Machine-Embroidery-Stabilizer/dp/B07ZCW73VS/>



Self-Adhesive Tear Away

It is a self-adhesive tear away embroidery stabilizer which is very ideal to use on fabrics that can't be hooped or too small to fit in a hoop. sticky tear away embroidery stabilizer can be torn away easily yet provides adequate stability, leaving no tears and residue.

Applicable materials:

Sticky tearaway embroidery stabilizer is ideal for hard to hoop items like bulky towels, cuffs, collars, socks, doll clothes, edges, cap, backpacks, napkin corners, pockets etc. without basting them. Also use for fabrics that can be damaged by the hooping process, fabrics like leather, velvet, brushed flannel, towel, fleece and satin etc.

Purchase:

<https://www.amazon.com/New-brothread-Self-Adhesive-Embroidery-Stabilizer/dp/B09G9TFGP5/>



Iron on Stabilizer backing

Iron on the shiny side (glue coating) face the wrong side of your project. It eliminates annoying shifting, sliding and puckering of material. Totally stabilizes any fabric in seconds with no time-consuming pinning.

Ironing Temperature Notes:

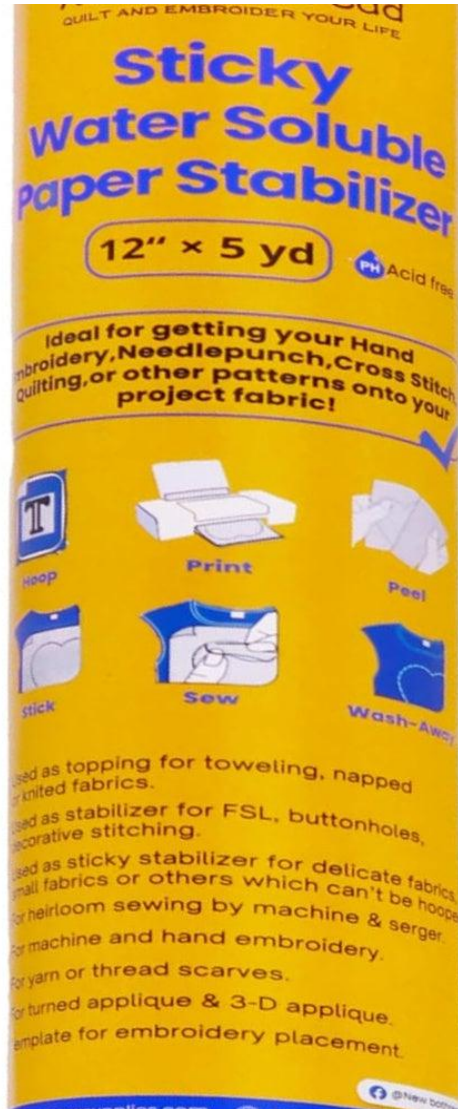
Start ironing temperature between 130°C to 160°C for iron setting. In the winter, please increase the ironing temperature between cotton and linen for iron setting.

Applicable materials:

Perfect for chest logo, knit, Polo shirts, infant items etc. Be helpful when you make embroidery on a small area design, but can't hoop the fabric and stabilizer together.

Purchase:

<https://www.amazon.com/New-brothread-Fusible-Embroidery-Stabilizer/dp/B08D6S4DNZ/>



Sticky Water Soluble backing

Sticky Water Soluble Paper Stabilizer is a printable temporary self-adhesive, fabric-like stabilizer which features a strong adhesive on one side that easily sticks to the back of the fabric and prevent any shifting or sliding of the fabric during the embroidery process. It dissolves completely when immersed in cold or warm water leaving no backing at all. Sticky Water Soluble Paper Stabilizer is a great choice for both embroidery backing and topping.

Applicable materials:

Sticky embroidery stabilizer is great to hold small areas like pockets, cuffs, collars, socks, doll clothes, edges, cap, etc. without basting spray them. And eliminate hoop marks for napped fabrics like velvet, brushed flannel, corduroy, towel, fleece and silk, etc.

Purchase:

<https://www.amazon.com/New-brothread-Embroidery-Stabilizer-Printable/dp/B0CKZ8375H/>