VEVOR

Upgrade · The Home Creator Way

OVERLOCK MACHINE

MODEL: 4-434 / 5-535

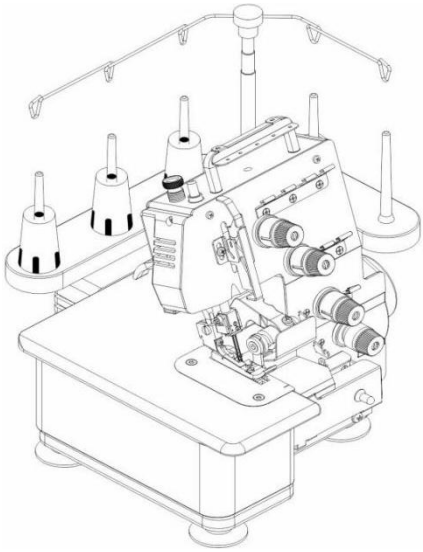
VEVOR Support Center

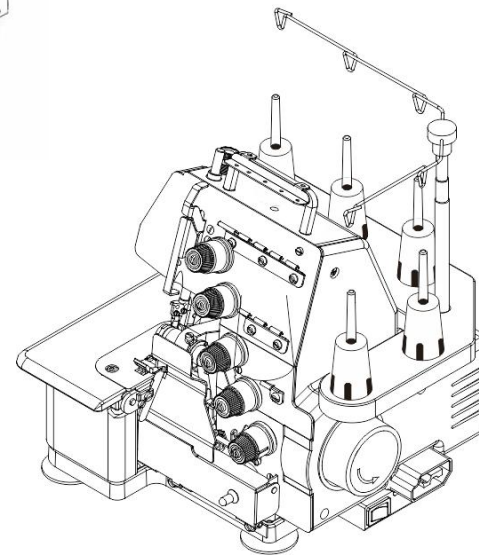
4-434（US） **4-434（EU）** **5-535（US）**

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic safety precautions should always be followed, including the following.
Read all instructions before using this sewing machine.

DANGER- - To reduce the risk of electric shock：

1.Do not allow to be used as a toy. Close attention is necessary when this sewing machine is used by or near children.
2.This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
3.Use this overlock machine only for its intended use as described in this manual. Use only attachments recommended by the manufacturer as contained in this manual.
4.Never operate this overlock sewing machine if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the overlock sewing machine to the nearest authorized dealer or service center for examination or repair.
5.Never operate the overlock sewing machine with any air openings blocked. Keep ventilation openings of the overlock sewing machine and foot control free from the accumulation of lint, dust, and loose cloth.
6.Never drop or insert any object into any opening.
7.Do not use outdoors.
8.Do not operate the overlock sewing machine where aerosol (spray) products are being used or where oxygen is being administered.
9.To disconnect, turn switch to the off (”O”) position, then remove plug from outlet.
10.Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
11.Keep fingers away from all moving parts. Special care is required around the overlock sewing machine needle.
12.Never sew with a damaged needle plate as this can cause needle to break.
13.Do not use bent needles.
14.Do not pull or push fabric while stitching. It may deflect the needle causing it to break.

15.Switch the sewing machine off (”O”) when making any adjustments in the needle area, such as threading needle, changing needle, threading bobbin, or changing presser foot, etc.
16.Always unplug sewing machine from the electrical outlet when removing covers, lubricating, or when making any other user servicing adjustments mentioned in the instruction manual.
17.Attention the following to avoid injury:
--switch off or unplug the appliance when leaving it unattended;
--unplug the appliance before carrying out maintenance.
18.If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
19.Warning-To reduce the risk of injury, user must read instructions manual carefully.
20.The product complies with relevant standards and regulations. Installation of this device must comply with all applicable regulations, and it should only be operated in well-ventilated areas. Please read the user manual before installing and using this equipment.
21.This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
22.Children shall not play with the appliance.
23.This appliance shall not be used by children. Keep the appliance and its cord out of reach of children.
24.Please properly keep product. Check whether the product is abnormal before use. If it is abnormal, please stop using it.
25.Please use the product according to the intended use, warn of potential injury from misuse.
26.Switch off the appliance and disconnect from supply before changing accessories or approaching parts that move in use.
27.always disconnect the appliance from the supply if it is left unattended and before assembling, disassembling or cleaning.
28.WARNING: Only use the supply unit provided with this appliance.
29.WARNING: Use only an external supply with the following specifications: <voltage and nature of supply> <power / current of supply>.

30.CORRECT DISPOSAL

This product is subject to the provision of european Directive 2012/19/EU. The symbol showing a wheelie bin crossed through indicates that the product requires separate refuse collection in the

European Union. This applies to the product and all accessories marked with this symbol. Products marked as such may not be discarded with normal domestic waste, but must be taken to acollection point for recycling electrical and electronic devices.

31.FCC Information:

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment!

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1)This product may cause harmful interference.

2)This product must accept any interference received, including interference that may cause undesired operation.

WARNING: Changes or modifications to this product not expressly approved by the party responsible for compliance could void the user's authority to operate the product.

Note: This product has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This product generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the product off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

●Reorient or relocate the receiving antenna.

●Increase the distance between the product and receiver.

●Connect the product to an outlet on a circuit different from that to which the receiver is connected.

●Consult the dealer or an experienced radio/TV technician for assistance.

32.Read and understand this manual completely before use. Untrained personnel are prohibited from operating.

This machine is for indoor dry use only. Do not use in rain, damp or wet locations.

Before use, ensure the power supply voltage matches the nameplate rating.

Turn off power and unplug before threading, changing needles, cleaning, servicing or moving the machine.

Keep fingers, clothing, hair away from moving parts such as needle, presser foot, knife, looper to avoid stabbing, cutting or entanglement.
Do not wear gloves, scarves, loose clothing or jewelry during operation. Tie back long hair.
Use only original specification needles, loopers and knives. Install correctly and securely.
Do not remove or disable safety devices. Do not run without guards.
Place fabric correctly. Do not put hands into sewing area. Do not pull fabric forcibly.
If needle breakage, abnormal noise, vibration, jamming, odor or smoke occurs, stop and disconnect power immediately. Do not restart until faults are corrected.
Keep children and bystanders away. Minors are prohibited from operating.
Keep power cord away from cutting area, needles and heat sources. If damaged, it must be replaced by qualified personnel.
Do not operate when tired, under the influence of alcohol or drugs.
The machine must be properly grounded to prevent electric shock.
Oil supply and thread cleaning must be done after power off.
Repairs must be done by qualified technicians. Do not disassemble or modify by unauthorized persons.



--Moving parts-To reduce risk of injury,switching off
servicing.
Close cover before operating machine.

SAVE THESE INSTRUCTIONS

This Product is for household use only
This appliance complies with EMC Directive 2014/30/EU covering the electromagnetic compatibility.



Please note that on disposal, this product must be safely recycled in accordance with relevant National legislation relating to electrical/ electronic products. If in doubt please contact your retailer for guidance.

TABLE OF CONTENTS

4-434 4-Thread overlock、5-535 5-Thread overlock sewing machine is a well-performing and easy-to-use overlock machine. 4-434 completes 3 -thread and 4-thread overcasting stitches by using a needle bar to pull the thread, dual straight needles, dual looper needles for hooking the thread, and automatic edge trimming. It can also be adjusted to fulfill the 3-thread rolled hem and dense stitch functions based on sewing production needs; 5-535 can complete 3-thread overlock sewing plus 2-thread straight chain stitching, and can also individually perform straight chain stitching and 3-thread overcasting functions.

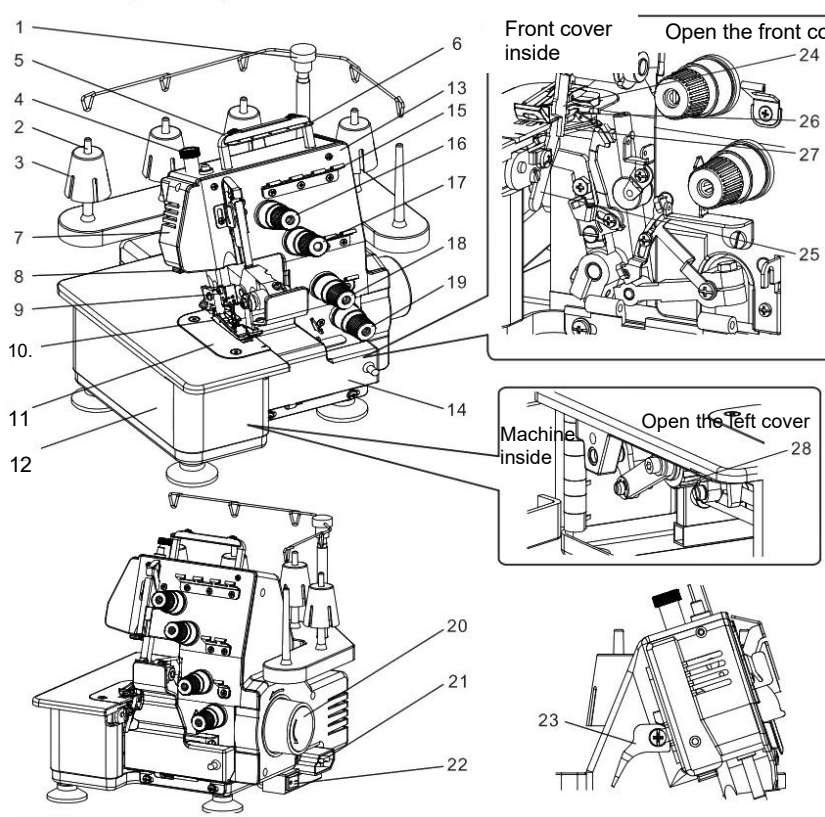
This machine is suitable for sewing and overlocking various fabrics of different thicknesses, making it an ideal multi-functional sewing equipment for small and medium-sized clothing processing enterprises and individual entrepreneurs. To use this machine properly, please read the instructions carefully and keep them in a safe place.

Specifications of Overlock Machine

Model	4-434	5-535
Thread Number	3 or 4 threads	2, 3 or 5 threads
Max.Stitch Width	6.5mm	8.5mm
Needle	90(14)#	DPX5 90/14
Number of Spools	4	5
Product type	Household overlock machine	
Voltage Frequency	AC110-120V 60Hz (US standard)	
	AC220-240V 50Hz (EU standard)	
Rated Power	112W	
Max. Rotation Speed	1200RPM	
Stitch Length	1-4mm	
Max. Sewing Thickness	3.5mm	
Machine Dimensions	260×270×270mm	

Machine Basic Components

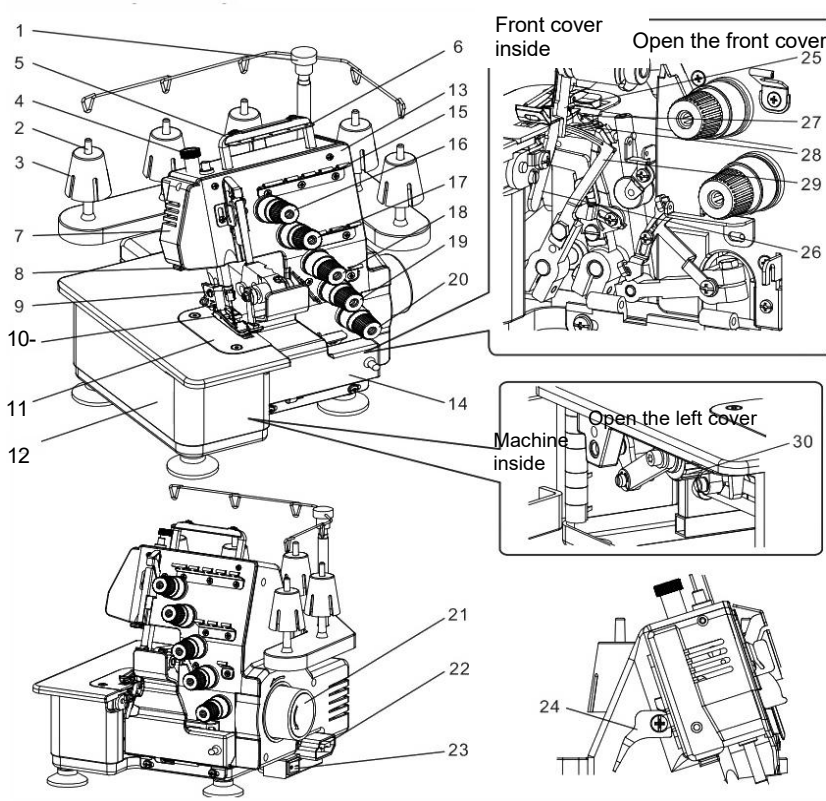
Machine Parts(4-434)



1. Thread Stand	11.Needle Plate	21.Machine Inlet
2.Spool Pin	12. Left Cover	22. Power Switch
3.Spool Holder	13. Face Plate	23. Presser Foot Lift Lever
4.Pressure Adjustable Srew	14. Front Cover	24. Upper Knife
5.Handle	15.Thread Guide	25.Lower Knife
6.Sewing Board	16.Left Needle Clamp Threader	26. Upper looper Needle
7.Lamp Cover	17. Right Needle Clamp Threader	27.Lower looper Needle
8.Thread Cutter	18.Upper looper Needle Clamp Threader	28. Needle Adjustment Cap
9.Needle Clamp Head	19. Lower looper Needle Clamp	
10.Presser Foot	20.Hand Wheel	

Machine Basic Components

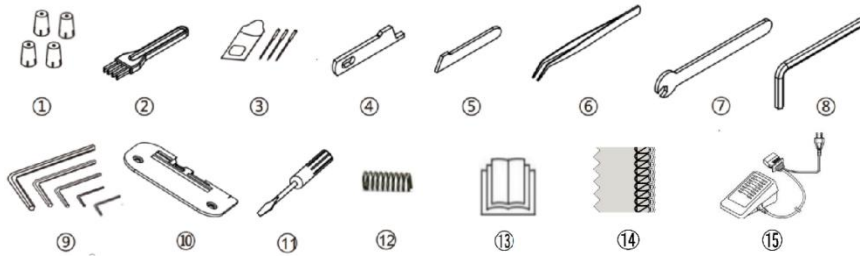
Machine Parts(5-535)



1. Thread Stand	11.Needle Plate	21. Hand Wheel
2.Spool Pin	12. Left Cover	22.Machine Inlet
3.Spool Holder	13.Face plate	23.Power Switch
4.Pressure Adjustable Srew	14.Front Cover	24. Presser Foot Lift Lever
5.Handle	15.Thread Guide	25. Upper Knife
6.Sewing Board	16.Chain Stitch Needle Threader	26. Lower Knife
7.Lamp Cover	17. Overlock Stitch Needle Clamp Threader	27. Upper looper Needle
8.Thread Cutter	18.Upper looper Needle Clamp Threader	28. Lower looper Needle
9.Needle Clamp Head	19.Lower Stitch Needle Clamp Threader	29. Chain Crurved Needle
10.Presser Foot	20. Chain looper Needle Clamp Threader	30. Needle Adjustment Cap

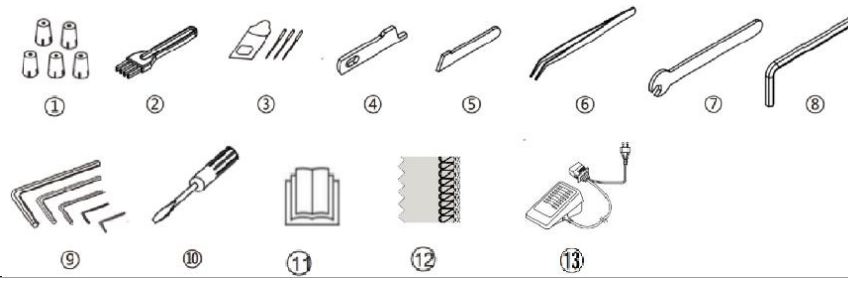
Machine Basic Components

Accessories



4-434			
No.	Name	Specification	Qty(pcs)
1	Spool holder	/	4
2	Brush	/	1
3	Needle set	90(14)#	3
4	Upper knife	/	1
5	Lower knife	/	1
6	Tweezers	/	1
7	Spanner	/	1
8	Multifunctional hexagon wrench	4mm	1
9	Small hexagon wrench	1.5mm	2
		2mm	1
		2.5mm	1
		3mm	1
10	Needle plate for four-thread rolled hem	/	1
11	Small flat head screwdriver	/	1
12	Spring	/	1
13	User Manual	/	1
14	Test Fabric	/	1
15	Foot Pedal+Power Cord	HKT7 (US standard)	1
		HKT72C (EU standard)	

Accessories



5-535			
No.	Name	Specification	Qty(pcs)
1	Spool holder	/	5
2	Brush	/	1
3	Needle set	DPX5 90/14	3
4	Upper knife	/	1
5	Lower knife	/	1
6	Tweezers	/	1
7	Spanner	/	1
8	Multifunctional hexagon wrench	4mm	1
9	Small hexagon wrench	1.5mm	2
		2mm	1
		2.5mm	1
		3mm	1
10	Small flat head screwdriver	/	1
11	User Manual	/	1
12	Test Fabric	/	1
13	Foot Pedal+Power Cord	HKT7	1

Preparation Before Sewing

Machine Checking

The machine may suffer accidental damage due to collisions during transportation, or grease hardening and component rust due to prolonged storage. Users should pay attention to the following points after purchasing the machine:

1、Check the package

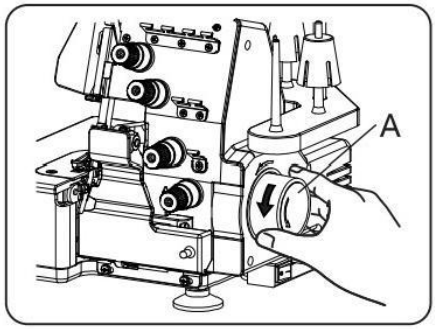
Before unpacking, check the integrity of the packaging box for any damage.

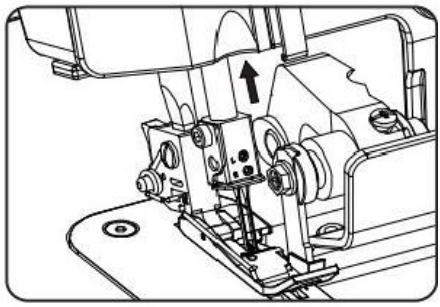
2、Check The Machine

After unboxing, check whether all parts of the machine's appearance are intact. Use your hand to grip the pulley as shown in the picture to check: whether it rotates smoothly, if there are any collisions, jams, loose or fallen components, or even breakages, and any unusual noises.

3、Inventory items

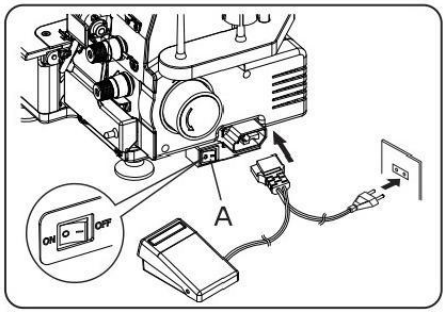
Refer to the standard attachment on page 4 to check the items in the packaging box.





When the hand wheel (A) is turned counterclockwise (in the direction of the arrow), the needle rod can move to the highest position.

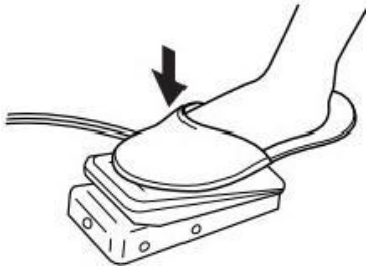
Startup Instruction



Connection Pedal Speed Controller

1.Insert the power plug of the foot controller into the machine inlet on the right side of the overlock sewing machine, making sure the plug is securely inserted into the socket.

2. Turn the power switch (A) to the 'I' mark to turn on (turn to 'O' mark to turn off).



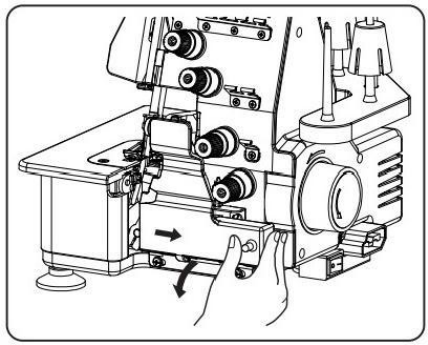
Operation

When the foot controller is gently pressed, the overlock sewing machine operates at a low speed. As you continue to apply more pressure on the foot controller, the speed of the overlock sewing machine will increase. When you lift your foot off the controller, the overlock sewing machine stops operating.

Preparation Before Sewing

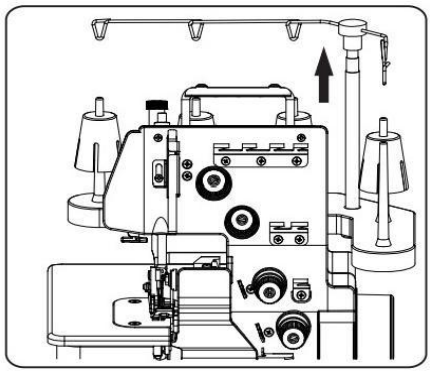
Open the Front Cover

Note：Please turn off the power before operation



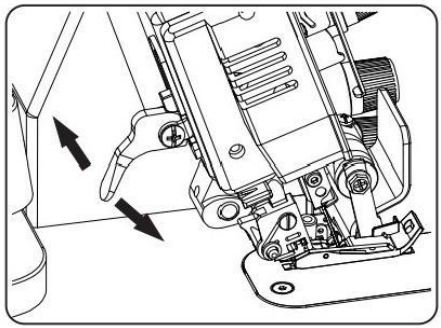
1.Push the front cover all the way to the right;
2.Open the front cover in the direction of the arrows.Inside the machine, there are colorful guiding wires marked.

Telescopic Thread Stand Rod



Before threading, pull the line telescopic thread stand rod upwards to adjust it to the highest position. After use, retract the thread stand.

Lift the Presser Foot

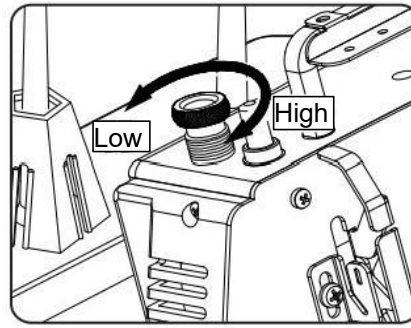


The presser foot lever can be used to raise or lower the height of the presser foot. Lift the presser foot lever upward to raise the presser foot. Push the presser foot lever downward to lower the presser foot. It can be raised up to 5mm, which is suitable for sewing particularly thick fabrics.

Preparation Before Sewing

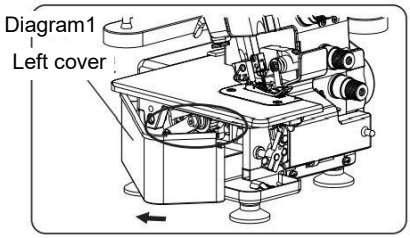
Pressure of Presser Foot Regulating

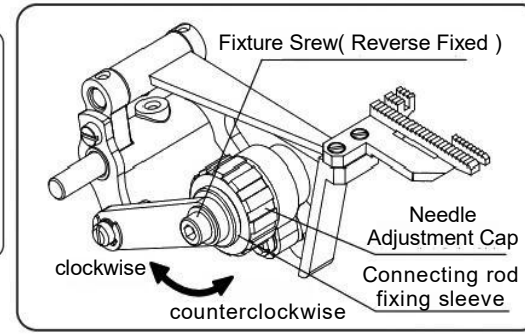
The pressure of the presser foot can be adjusted by rotating the pressure adjustment screw. The presser foot pressure is adjusted according to the thickness of the fabric; rotating the adjustment screw counterclockwise loosens the presser foot pressure, while rotating it clockwise increases the pressure (the diagram below). Within the range of good fabric feeding and achieving uniform stitches, it is preferable to use a lighter pressure.



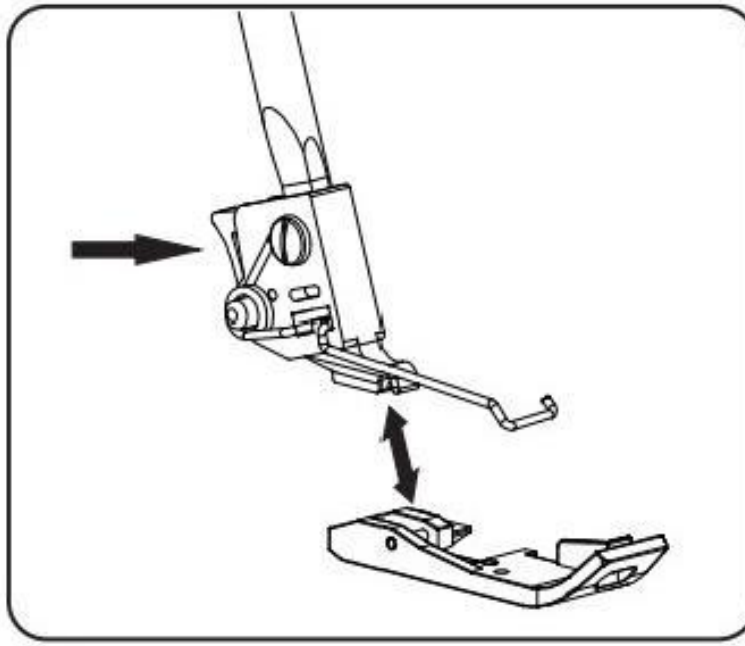
Stitch Length Setting

The stitch length can be adjusted within a specified range based on the nature of the fabric and different needs. When adjusting, first open the left cover (Diagram 1), then follow the instructions in the diagram (Diagram 2) and use a screwdriver to rotate clockwise to loosen the fixture screw on the feed connecting rod sleeve. Rotate the stitch adjustment cap to flexibly adjust the length of the stitch according to sewing needs. To shorten the stitch length, rotate the stitch adjustment cap counterclockwise; to lengthen it, rotate clockwise. After adjusting, tighten the fixture screw on the feed connecting rod sleeve with a screwdriver.





Replace the Presser Foot



Disassemble:

1.Rotate the hand wheel in the direction indicated by the arrow marked on the hand wheel to raise the needle to its highest position, then turn the presser foot lever to lift the presser foot.

2.Press the control lever on the back of the presser foot holder, and the presser foot will drop down.

Installation:

1.Place the presser foot so that the pin on the presser foot is positioned just below the groove in the holder.

2.Turn the presser foot lever to lower the presser foot holder.

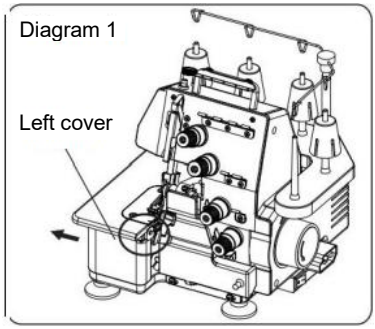
3.Press the control lever on the back of the presser foot holder to secure the presser foot in place.

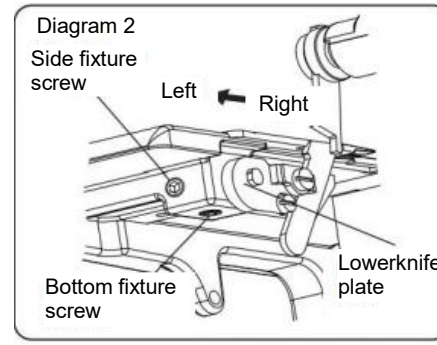
Preparation Before Sewing

Overlock & Overedging Width Adjusting

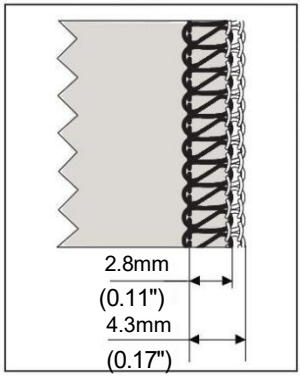
Note：Please turn off the power before operation

The width of the overlock and edge binding can be adjusted within the specified range according to sewing needs. To adjust, first open the left cover (Diagram 1). As shown in the diagram (Diagram 2), use a small hex wrench to loosen the two fixing screws of the lower knife holder. Move the lower knife holder as needed. Moving the lower knife holder to the left reduces the width of the overlock and edge binding, while moving it to the right increases the width. After adjustment, tighten the two fixing screws of the lower knife holder again.



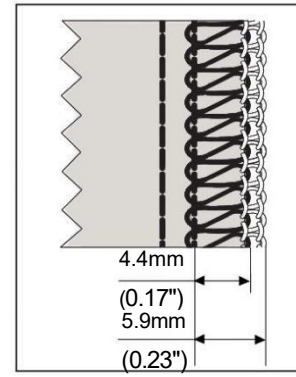


4-434



Note: The cutting edge width of theright needle, which is between 2.8-4.3mm, can be increased to between5.0-6.5mm

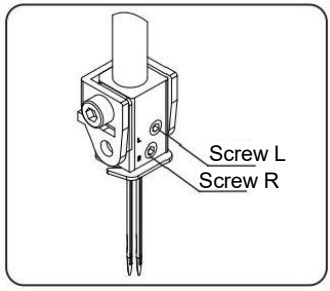
5-535



Note: The cutting edge width of the right needle is between 4.4-5.9mm. The cutting edge width of the left needle can be increased to between 7.0-8.5mm.

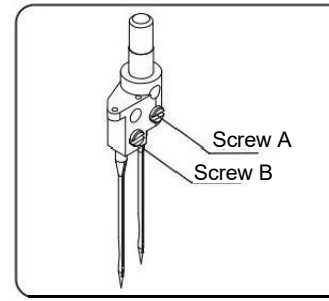
Needle Position

4-434

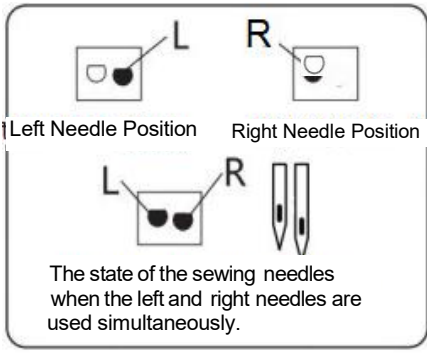


This machine has two different needle positions and can install up to two needles for sewing at the same time.
Screw L: fixes the left needle.
Screw R: fixes the right needle.

5-535

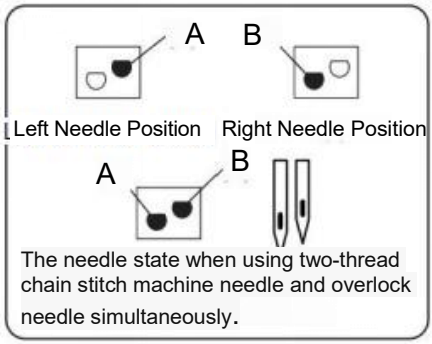


This machine has two different needle positions and can install up to two needles for sewing simultaneously.
Screw A: Fixes the overlock needle.
Screw B: Fixes the double chain stitch needle.



The state of the sewing needles when the left and right needles are used simultaneously.

Note: When the left needle and the right needle are used simultaneously, the right needle is slightly higher than the left needle.



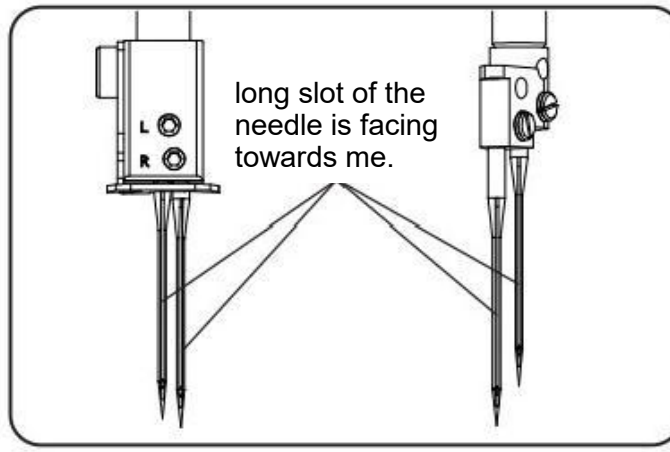
The needle state when using two-thread chain stitch machine needle and overlock needle simultaneously.

Note: When using the two-thread chain stitch needle and the overlock needle simultaneously, the two-thread chain stitch needle is slightly higher than the overlock needle.

As shown in the Diagram: the needle is installed in different positions, resulting in different stitches.

Replace Needle

Note:Please switch off the power first

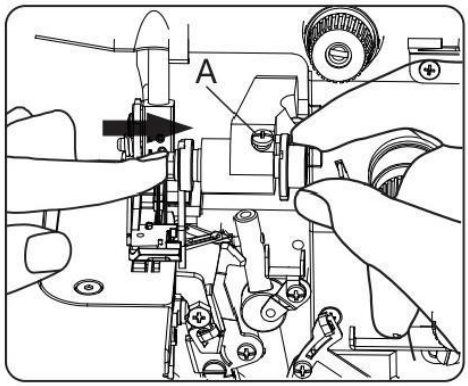


Rotate the belt pulley to raise the needle rod to the highest position, loosen the fastening screw of the machine needle, insert the needle handle into the needle rod hole all the way up, ensuring that the flat side of the needle handle faces back and the long slot of the needle faces you (as shown in the right diagram),and then tighten the fixing screw.

Preparation Before Sewing

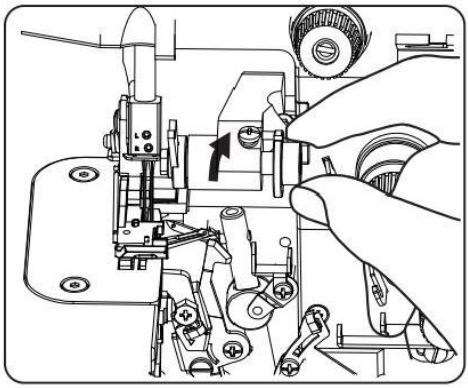
Automatic Fabric Cutting

Note:Please turn off the power before operation

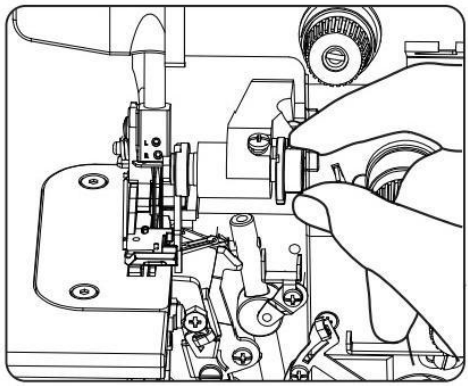


Lift Up：

When it is not necessary to cut the fabric, lift the upper knife. Rotate the hand wheel in the direction indicated by the arrow on the hand wheel to raise the upper knife to the highest position, then lift the presser foot and open the cover. As shown in the picture, loosen the cutting knife screw A, and push the upper knife to the right with your left index finger, allowing the groove of the positioning ring to move away from the positioning pin.



Then rotate the upper cutting cloth knife 180° counterclockwise, so that the other groove of the positioning ring engages with the positioning pin.



Put Down：

Use your left index finger to push the upper cutting cloth knife frame to the right, then rotate the upper cutting cloth knife 180° clockwise, rotate it back until the groove of the positioning ring is fixed on the positioning pin, until the upper knife is in working position.

Note:When sewing thick fabric, the cutter screw should be tightened.

Preparation Before Sewing

Needle、Thread & Fabric

Fabric		Thread	Needle
Cotton linen fabric	Light fabric: Cicada Wing Gauze, High-quality Fine Cloth,Checkered Cotton Fabric	Cotton thread100#	90(14)# (4434) DPX590/14 (5-535) Ordinary sewing 75(11) Light fabric (Purchase on your own)
	Thick fabric: Oxford fabric, Denim, Cotton Houndstooth.	Synthetic thread 60-50# Cotton thread 60#	
Wool	Light fabric: Shirt fabric, Wool, Poplin	Synthetic thread 80# Cotton thread 60#	
	Beige、Gabardine、Flannel	Synthetic thread 80-60# Cotton thread 60#	
	Thick fabric：velvet,Camelhair,Astrakhan	Synthetic thread 60-50# Cotton thread 60#	
Synthetic fiber	Light fabric：Georgette,voile,Satin	Synthetic thread100-80# Cotton thread120-80#	
	Thick fabric：Polyester Taffeta,Twill,denim	Synthetic thread 60# Cotton thread 60#	
Knit Fabric	Twill Knitting	Synthetic thread 80-60# Cotton thread 80-60#	
	Plain Knitting	Synthetic thread 60-50# Cotton thread 60#	
	Wool	Synthetic thread 60-50# Cotton thread 60#	

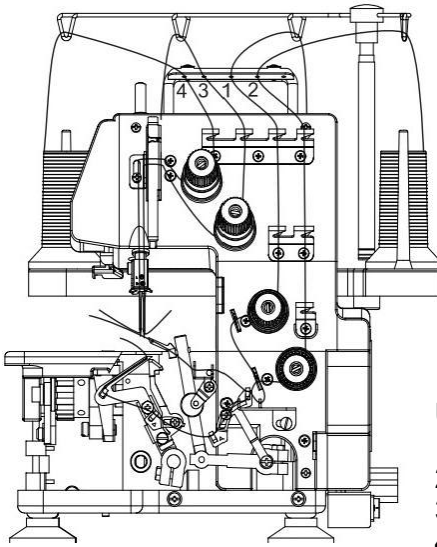
It is recommended to use synthetic thread for regular overlocking. Polyester thread is very useful for overlocking various fabrics.

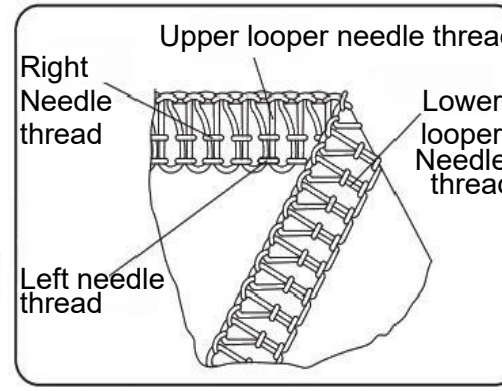
Note：Note that the thread used for the upper and lower looper needles is approximately twice that of the thread used for the left/right straight needle.

When purchasing sewing thread, especially if the thread used for the lower and upper looper needles is of an unconventional color, you should buy an adequate amount of thread

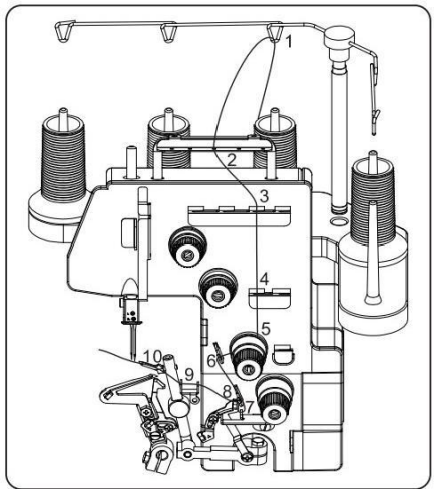
Start Sewing

Threading(4-434)





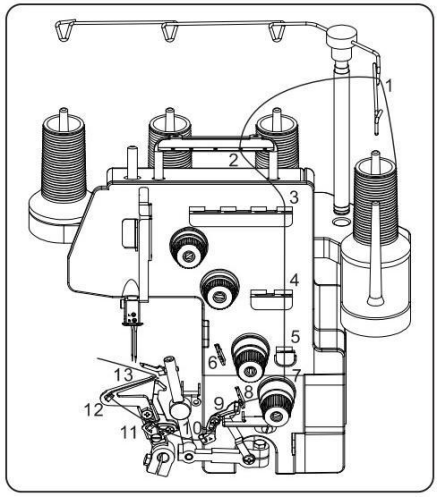
Understand the color rules of stitching：
1.Upper looper needle thread - orange;
2.lower looper thread - blue;
3.Right needle thread - green;
4.Left needle thread - red.



Upper looper needle

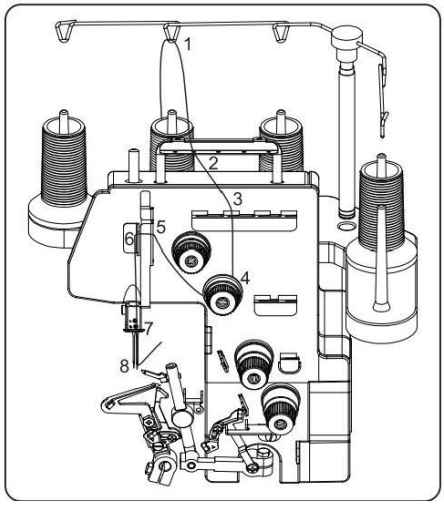
1.Follow steps 1-9 to thread.
2.At the 10th looper needle holes, pass the thread from front to back, pull out approximately 10 centimeters of thread to the left, and place it under the presser foot.

Start Sewing



Lower looper needle

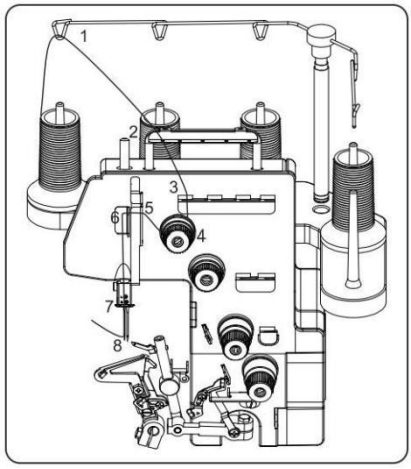
1.Follow steps 1-12 to thread.
2.At the looper needle hole 13th, pass the thread from front to back, pull out about 10 centimeters of thread to the left, and place it under the presser foot.



Right needle

1.Follow steps 1-7 to thread.
2.For the right needle hole at point 8th, pass the thread from front to back, pull out about 10 centimeters of thread to the left, and place it under the presser foot.

Start Sewing



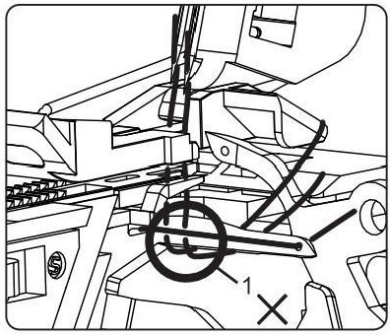
Left Needle

1.Thread according to steps 1-7.

2.For the left needle hole at point 8th, pass the thread from front to back, pull out about 10 centimeters of thread to the left, and place it under the presser foot.

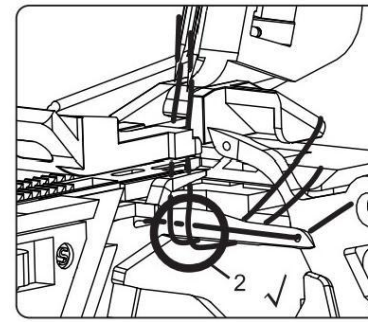
Important instructions of threadin

Picture 1



Please follow the threading steps for threading; the straight needle thread should be threaded last to prevent incorrect threading or thread breakage and skipped stitches. Picture 1 shows the threading error.

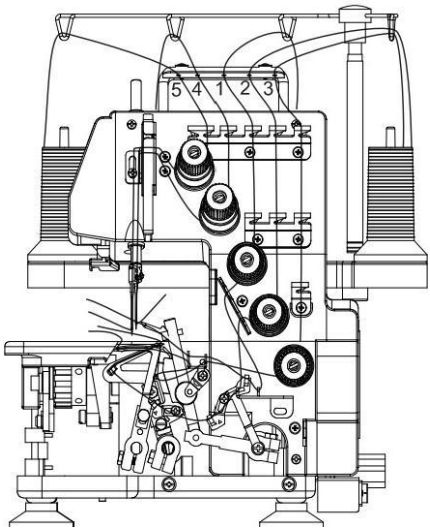
Picture 2

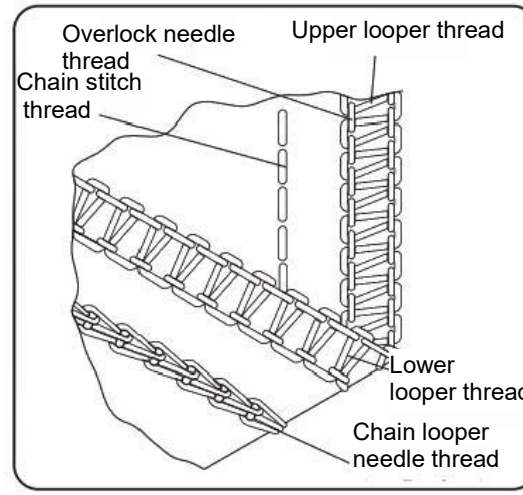


If the looper thread breaks, you must pull the thread out of the needle eye and first thread the looper thread according to the previous instructions, then thread the straight thread. Picture 2 shows the correct threading method.

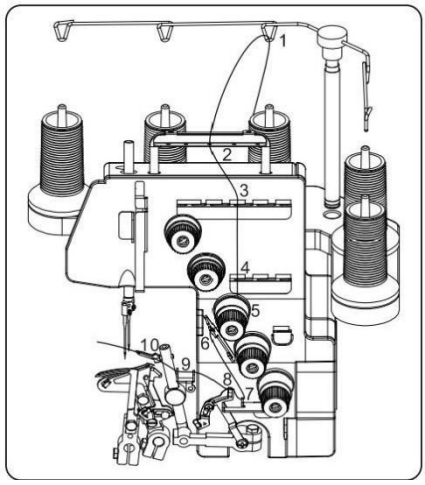
Start Sewing

Threading(5-535)





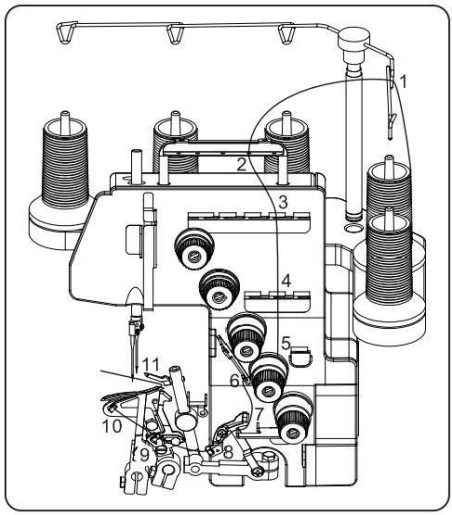
Understand the color rules of stitching：
1.Upper looper thread - orange;
2.lower looper thread - blue;
3.Chain looper needle thread - black;
4.Overlock needle thread - green;
5.Chain stitch needle thread - red.



Upper looper needle

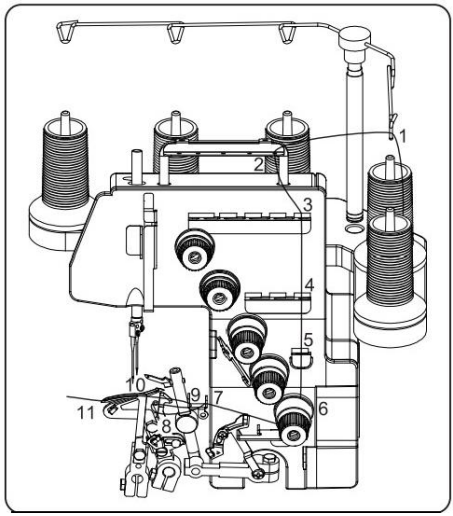
1.Follow steps 1-9 to thread.
2.For the 10th looper needle holes, pass the thread from front to back, pulling out approximately 10 centimeters of thread to the left, and place it under the presser foot.

Start Sewing



Lower looper needle

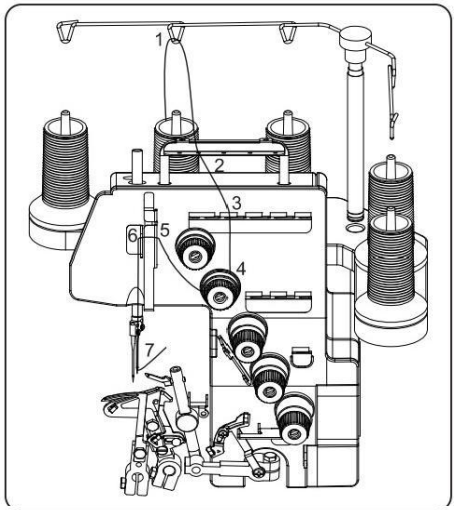
1.Follow steps 1-10 to thread.
2.For the lower looper needle holes 11th, pass the thread from front to back, pulling out approximately 10 centimeters of thread to the left, and place it under the presser foot.



Chain looper needle

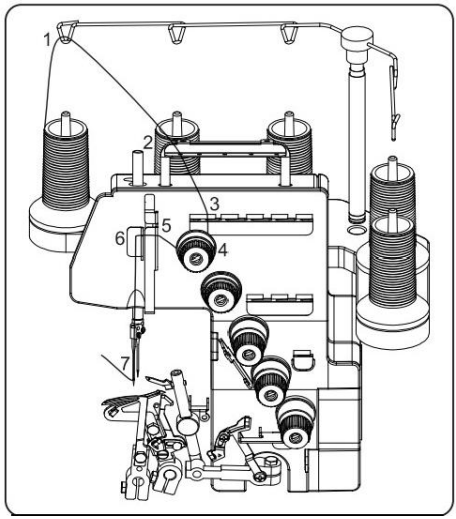
1.Follow steps 1-10 to thread.
2.At the 11th chain needle hole, pass the thread from front to back, pulling out about 10 centimeters of thread to the left, placing it under the presser foot.

Start Sewing



Overlock needle

1.Follow steps 1-6 to thread the machine.
2.Pass the thread through the 7th needle holes of the overlock needle, pulling the thread from front to back, and pull out about 10 centimeters of thread to place it under the presser foot.

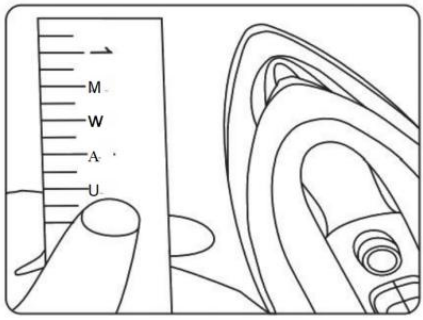


Chain stitch needle

1.Follow steps 1-6 to thread the machine.
2.Pass the thread through the 7th needle holes of the chain stitch needle, pulling the thread from front to back, and pull out about 10 centimeters of thread to the left to place it under the presser foot.

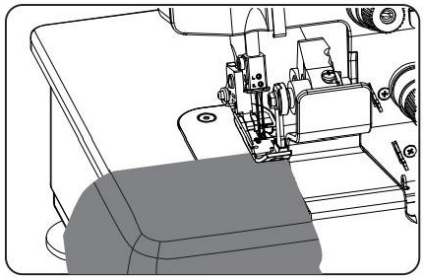
Start Sewing

Prepare Fabric

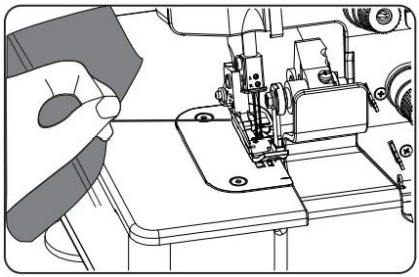


Before sewing, when ironing the fabric, it is necessary to iron the fabric to a width of 0.5cm according to the width of the seam.

Note: The fabric should be ironed before sewing.

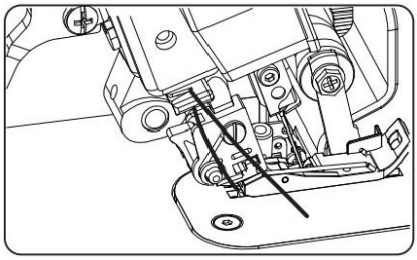


Lift the presser foot, place the fabric under the presser foot, and position the fabric along the left edge of the overlock guide according to the seam width. When you start sewing, pull the fabric back slightly, then sew slowly. Because the machine is starting up, you need to feed the fabric slowly.



When sewing to the edge of the fabric, hold the thread end, pull back, and then sew slowly.

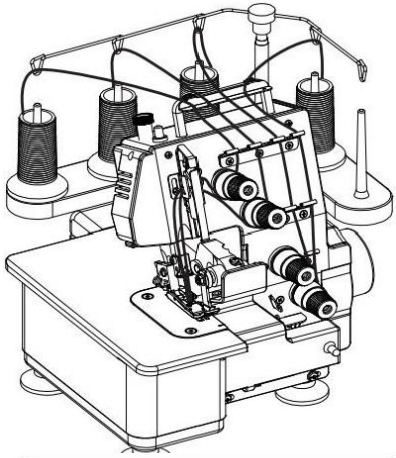
Note: Before formal sewing, you can practice sewing on scrap fabric.

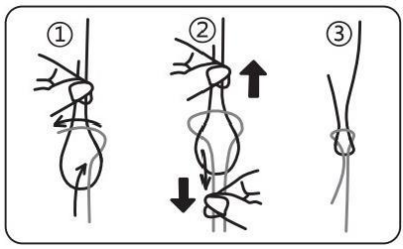


After finishing the sewing, continue to sew a long thread of 15-20cm. Then, pull the thread from back to front to the cutting knife, and cut the sewing thread.

Start Sewing

How to Replace the Thread Spool on the Overlock Sewing Machine





When replacing the thread spool, following the steps can quickly replace it:

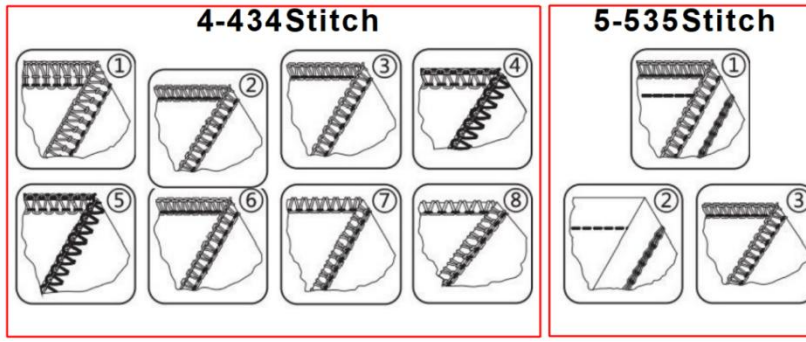
1. Cut the thread close to the existing thread spool, and tie the new thread spool to the cut end with a knot (sailor's knot), as shown in the diagram below.
2. Lift the presser foot.
3. Turn the hand wheel towards yourself to move the needle to its lowest position, and carefully pull the current thread until the connection passes through the needle slot and the needle eye.

Note: If the knot is too large and stops before passing through the needle eye, re-thread it.

All Kinds of Stitch Sewing Items

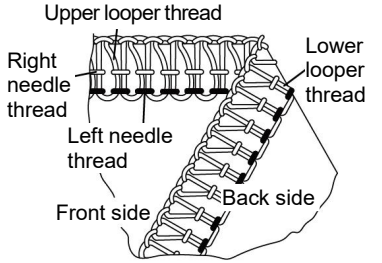
This machine can obtain various stitch types by adjusting the stitch length, threading method, and the tension of the thread guide pressure according to the different sewing needs of the user.

The shape of the stitching is shown in the diagram below.

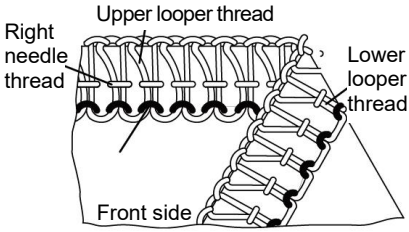


Start Sewing

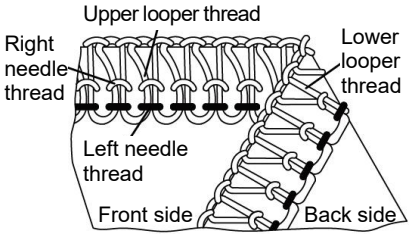
4-Thread Overcasting (4-434)



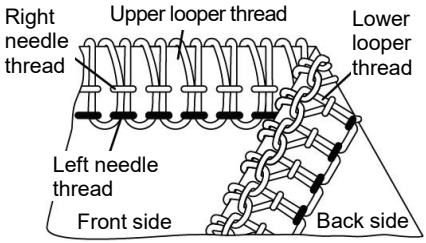
If the thread tension is set to optimal, the upper looper stitches (orange) and lower looper stitches (blue) can be seen at the edge of the fabric.1



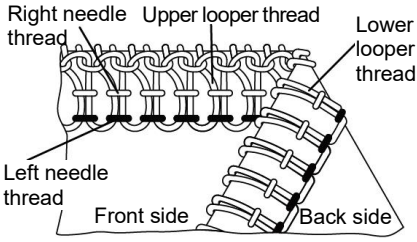
If the left thread (red) is too loose, turn the adjustment knob of the left thread clamp (red) clockwise to increase the pressure.2



If the right needle thread (green) is too loose, turn the adjustment knob of the right thread clamp (green) clockwise to increase the pressure.3



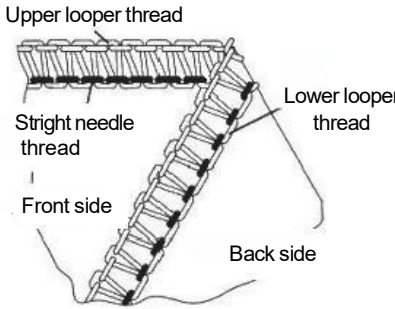
If the upper looper thread (orange) appears on the back of the fabric, turn the adjustment knob of the upper looper thread clamp (orange) clockwise to increase the pressure, or turn the adjustment knob the lower looper thread clamp (blue) counterclockwise to decrease the pressure4



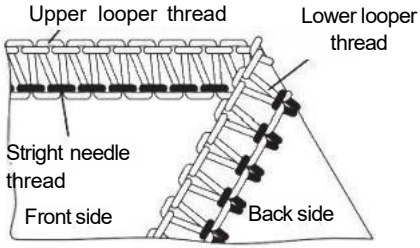
If the lower looper thread (blue) appears on the front of the fabric, turn the adjustment knob of the lower looper thread clamp (blue) clockwise to increase the pressure, or turn the adjustment knob of the Upper looper thread clamp (orange) counterclockwise to decrease the pressure.5

Start Sewing

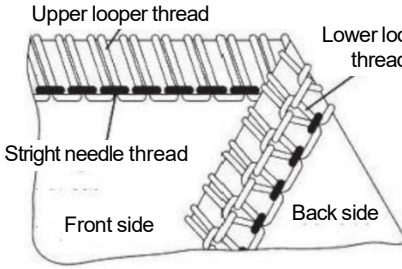
3-Thread Overcasting (4-434)



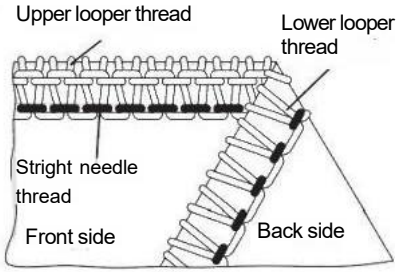
If the thread tension is set to optimal, the upper looper stitches (orange) and lower looper stitches (blue) can be seen at the edge of the fabric.
A straight needle thread refers to either the left needle or the right needle.



If the straight needle thread (red or green) is too loose, turn the adjustment knob of the straight needle thread clamp (red or green) clockwise to increase the pressure.



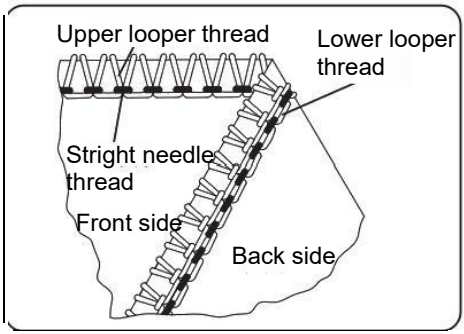
If the upper looper thread (orange) appears on the back side of the fabric, turn the upper looper thread clamp adjustment knob (orange) clockwise to increase the pressure or turn the lower looper thread clamp adjustment knob (blue) counterclockwise to decrease the pressure.



If the lower looper thread (blue) appears on the front of the fabric, turn the pressure adjustment knob of the lower looper thread clamp (blue) clockwise to increase pressure or turn the pressure adjustment knob of the upper looper thread clamp (orange) counterclockwise to decrease pressure.

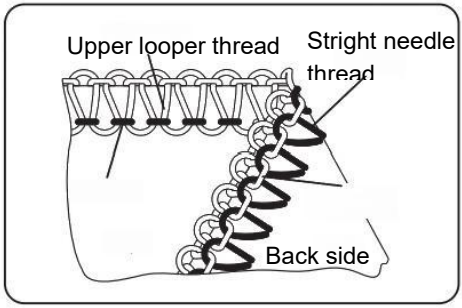
Start Sewing

3-Thread Overlock (4-434)

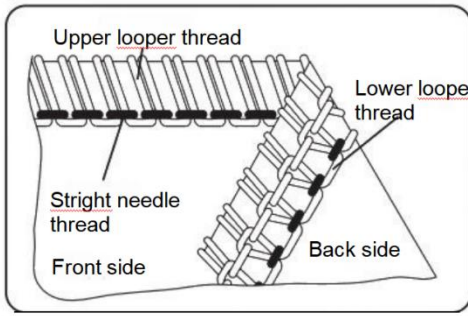


If the thread tension is set to optimal, you can see the straight stitches (red or green), the upper looper thread (orange), and the lower looper thread (blue) on the back side of the fabric.

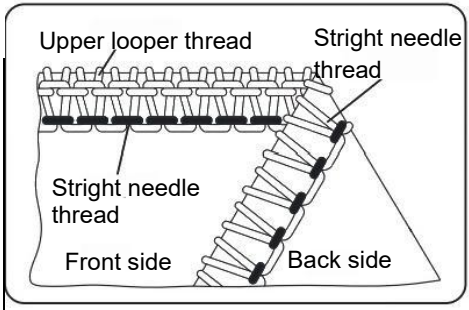
A straight needle thread refers to either the left needle or the right needle.



If the straight needle thread (red or green) is too loose, turn the adjustment knob of the straight needle thread clamp (red or green) clockwise to increase the pressure.



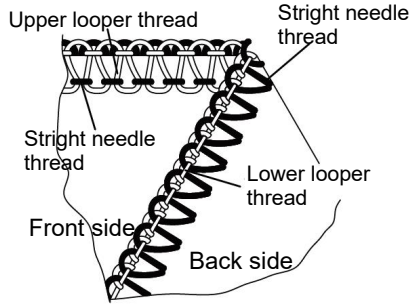
If the lower looper thread (blue) appears on the front of the fabric, turn the adjusting knob of the lower looper thread holder (blue) clockwise to increase the pressure or turn the adjusting knob of the upper looper thread holder (orange) counterclockwise to decrease the pressure.



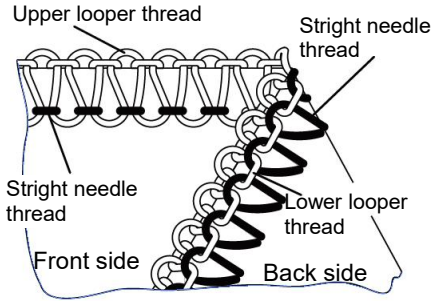
If only part of the upper looper thread (orange) appears on the back side of the fabric, adjust the upper looper thread clamp knob (orange) counterclockwise to reduce pressure or turn the lower looper thread clamp knob (blue) clockwise to increase pressure.

Start Sewing

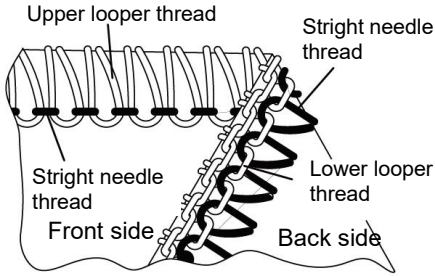
3-Thread Decorative Overcasting (4-434)



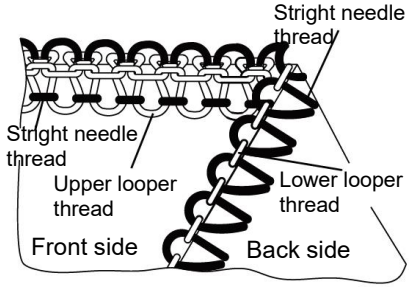
If the thread tension is set to optimal, you can see the straight needle thread (red or green), the upper looper thread (orange), and the lower looper thread (blue) on the edge of the fabric.
A straight needle thread refers to either the left needle or the right needle.



If the straight needle thread (red or green) is too tight or the lower looper needle (blue) is too loose, turn the adjustment knob of the straight needle thread holder (red or green) counterclockwise to reduce pressure or turn the adjustment knob of the lower looper needle clamp threader (blue) clockwise to increase pressure.



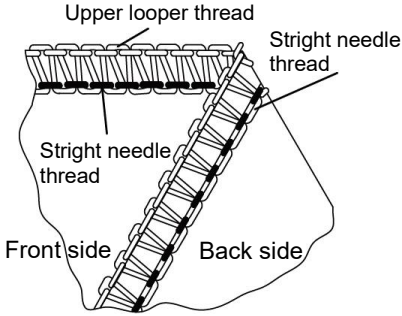
If the upper looper thread (orange) appears on the back side of the fabric, turn the adjustment knob of the upper looper thread clamp (orange) clockwise to increase the pressure.



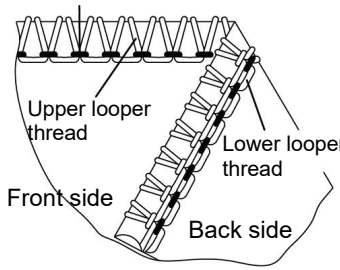
If the upper looper thread (orange) is too tight, turn the adjustment knob (blue) of the upper looper thread clamp counterclockwise to reduce it.

Start Sewing

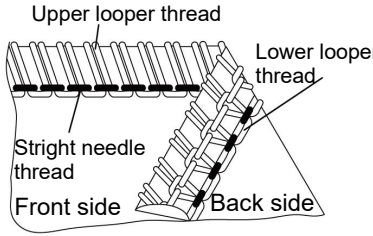
3-Thread Crimpedy Overock (4-434)



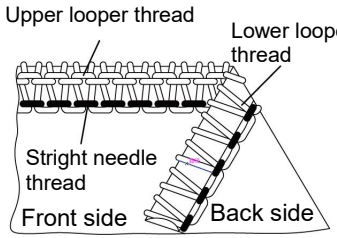
If the thread tension is set to the optimal state, the fabric can roll back, and you can see the upper looper thread (orange) and lower looper thread (blue) at the edges.
A straight needle thread refers to either the left needle or the right needle.



If the lower looper thread (blue) is too tight, turn the adjustment knob of the lower looper thread clamp (blue) counterclockwise to reduce the pressure.



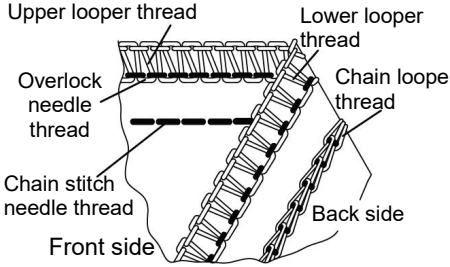
If the upper looper thread (orange) appears on the back side of the fabric, turn the adjustment knob of the upper looper thread clamp (orange) clockwise to increase the pressure or turn the adjustment knob of the lower looper thread clamp (blue) counterclockwise to decrease the pressure.



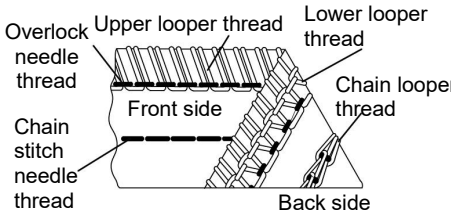
If the lower looper thread (blue) appears on the front of the fabric, turn the adjusting knob of the lower looper thread holder (blue) clockwise to increase the pressure or turn the adjusting knob of the upper looper thread holder (orange) counterclockwise to decrease the pressure.

Start Sewing

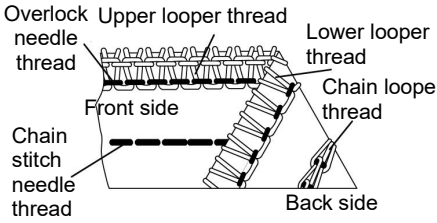
5-Thread Safety Overcasting (5-535)



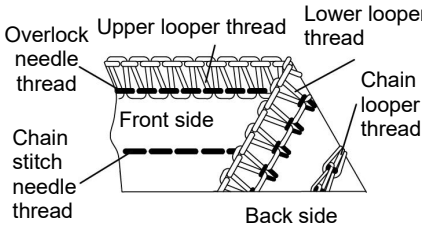
5-Thread Safety Overcasting includes double chain stitch and 3-thread overcasting stitch.
If the thread tension is set to optimal, the upper looper thread (orange) and lower looper thread (blue) can be seen at the edge of the fabric.



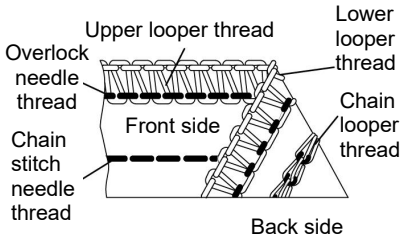
If the upper looper thread (orange) is too loose or the lower looper thread (blue) is too tight, then adjust the upper looper thread clamp knob (orange) by turning it clockwise to increase the pressure, or turn the lower looper thread clamp knob (blue) counterclockwise to reduce the pressure.



If the upper looper thread (orange) is too tight or the lower looper thread (blue) is too loose, turn the adjustment knob of the upper looper thread clamp (orange) counterclockwise to reduce pressure, or turn the adjustment knob of the lower looper thread clamp (blue) clockwise to increase pressure.



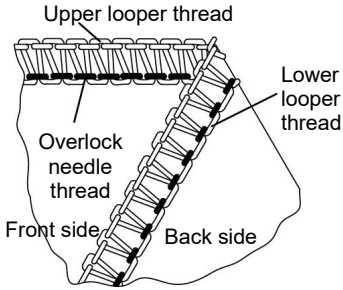
If the overlock thread (green) is too loose, turn the adjustment knob of the overlock thread clamp (green) clockwise to increase the pressure.



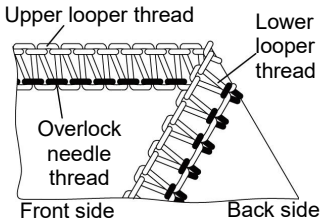
If the chain stitch thread (red) is too loose or the chain looper stitch thread (black) is too tight, then turn the chain stitch thread (red) clockwise to increase the tension or turn the adjustment knob of the chain looper stitch clamping device (black) counterclockwise to decrease the tension.

Start Sewing

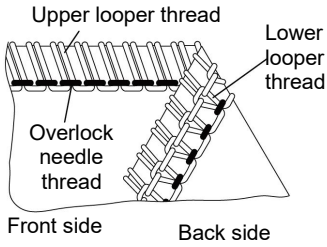
3-Thread Overcasting (5-535)



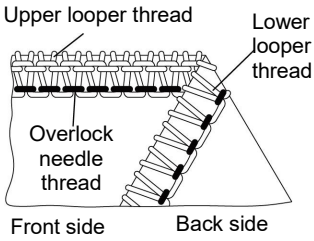
If the thread tension is set to its optimal state, the upper looper stitches (orange) and lower looper stitches (blue) can be seen at the edges of the fabric.



If the overlock stitch thread (green) is too loose, turn the adjustment knob of the overlock stitch threader(green) clockwise to increase the pressure.



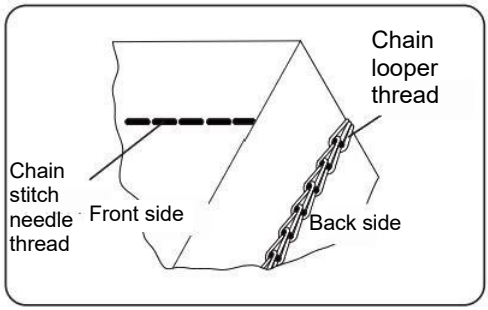
If the upper looper thread (orange) is too loose or the lower looper thread (blue) is too tight, then adjust the upper looper needle thread clamp's adjustment knob (orange) clockwise to increase pressure or turn the adjustment knob of the lower looper thread clamp (blue) counterclockwise to decrease pressure.



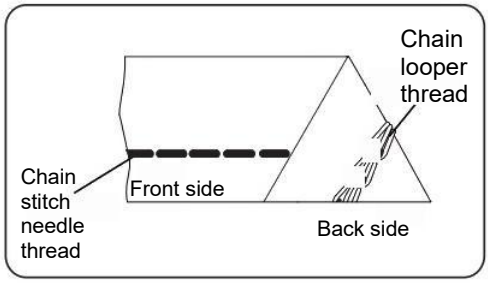
If the upper looper thread (orange) is too tight or the lower looper thread (blue) is too loose, turn the adjustment knob of the upper looper thread clamp (orange) counterclockwise to reduce pressure or turn the adjustment knob of the lower looper thread clamp (blue) clockwise to increase pressure.

Start Sewing

2-Thread Chain Stitch (5-535)



If the thread tension is set to the optimal state, the chain stitching needle thread (red) can be seen on the back of the fabric.



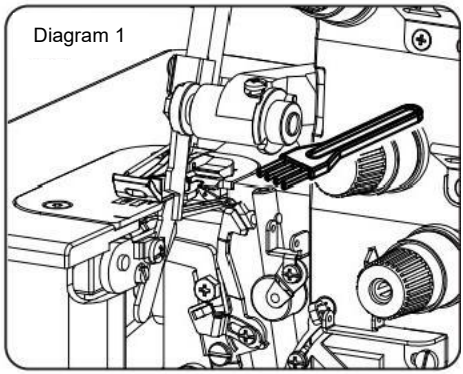
If the chain stitch needle thread (red) is too loose or the chain looper thread (black) is too tight, then turn the chain stitch needle thread (red) clockwise to increase the pressure or turn the adjustment knob of the chain looper needle clamping device (black) counterclockwise to decrease the pressure.

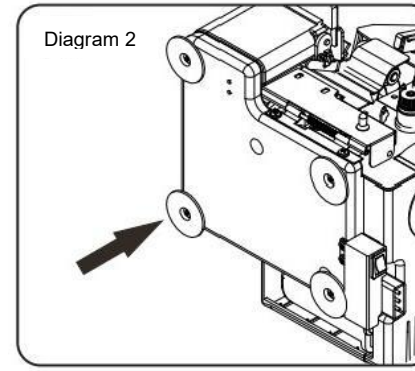
Machine Maintenance

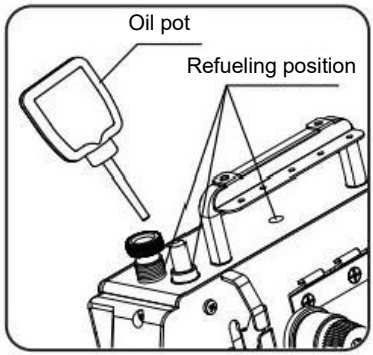
Cleaning & Oil Lubrication

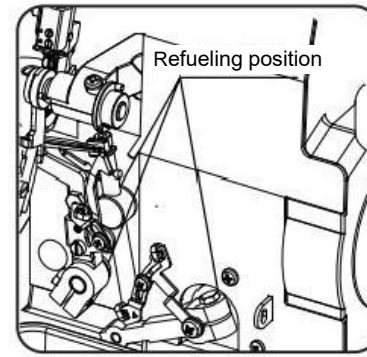
Note: Please turn off the power before operation.

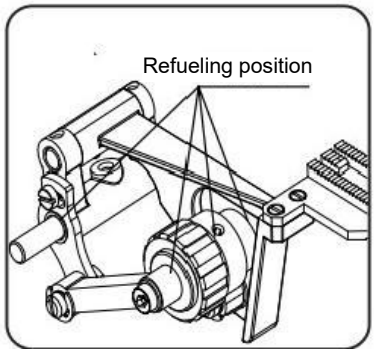
Regularly wipe off the external rust-proof grease with a soft cloth (a small amount of gasoline can be used if necessary). After removing the grease, open the flap as shown in Diagram 1 and place the upper knife in the non-working position. Use the brush from the accessory box to clean the needle plate, upper knife, lower knife, and looper needle area, and regularly clean the suction cup with alcohol as shown in Diagram 2 to ensure the stability of the machine.
Then, inject an appropriate amount of clean overlock sewing machine oil at the location indicated in Diagram 3, and rotate the pulley by hand several times to allow the lubricant to penetrate various parts. When the machine is in frequent use, lubricate it at least twice a day. The lubricant used must be clean overlock sewing machine oil, and the use of vegetable oils is strictly prohibited to avoid coagulation and corrosion, which can damage the machine's components and affect the machine's lifespan.
During use, regularly check if the temperature of the operating parts is normal. If any abnormal phenomena or noises are observed, the machine should be stopped immediately, and a thorough inspection should be conducted before resuming operation.
The operating speed of the machine should be determined based on the nature of the sewing item and should not be overloaded or over-speed.

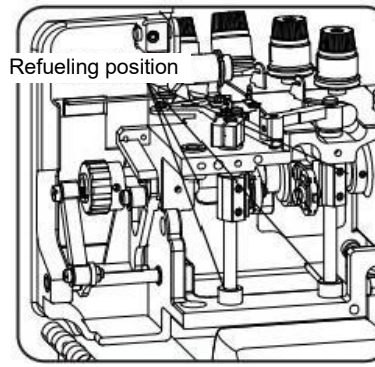












Note: When refueling the machine, the bottom plate must be removed first (right diagram).

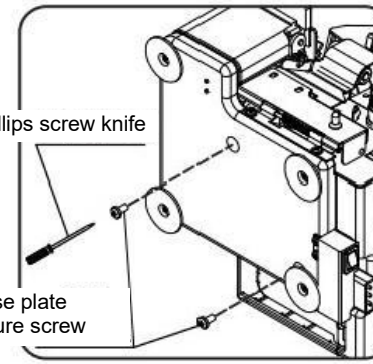


Diagram 3

Mchine Maintenance

Replace Upper/Lower Knife

Note: Please turn off the power before operation.

After a period of sewing use, the edge of the knife gradually becomes dull and loses its sharpness, leading to quality issues such as fabric fuzzing or incomplete cutting during sewing. This problem needs to be solved by sharpening and replacing the cutting knife.

The methods for disassembling, assembling, and sharpening cutting tools are as follows：

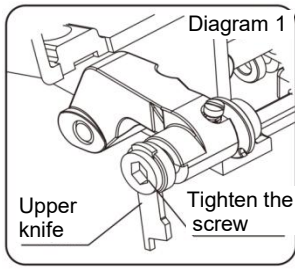
First, remove the upper knife: Use a screwdriver to loosen the tightening screws, and then the upper knife can be removed (see below diagram 1).

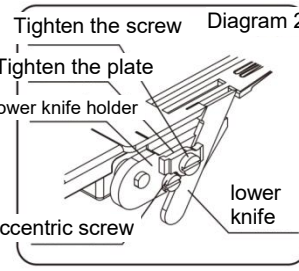
Disassemble the lower knife: Use a screwdriver to loosen the eccentric and tightening screws on the lower knife holder, and then the lower knife can be extracted (see below diagram 2).

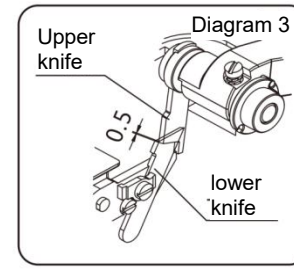
Determine whether to swap or sharpen the knife based on its usage level. A dull knife can be ground on a fine grinding wheel first, then refined with an oil stone, being careful to maintain the original angle of about 70-80°. If the cutter edge is too dull, it won't be sharp, and if it's too sharp, it will wear out easily. Minimize grinding the base surface of the knife (do not use a grinding wheel).

Assemble the lower knife first: Insert the lower knife into the knife holder, ensuring the cutting edge is flush with the surface of the needle plate. Tighten the eccentric screw first, then tighten the clamping screw.

Assemble the upper knife: Install the upper knife and clamping screw onto the upper knife holder, adjusting the upper knife so that when it cuts down to its lowest position, it overlaps the lower knife by about 0.5mm, then tighten the clamping screw (see diagram 3 below).



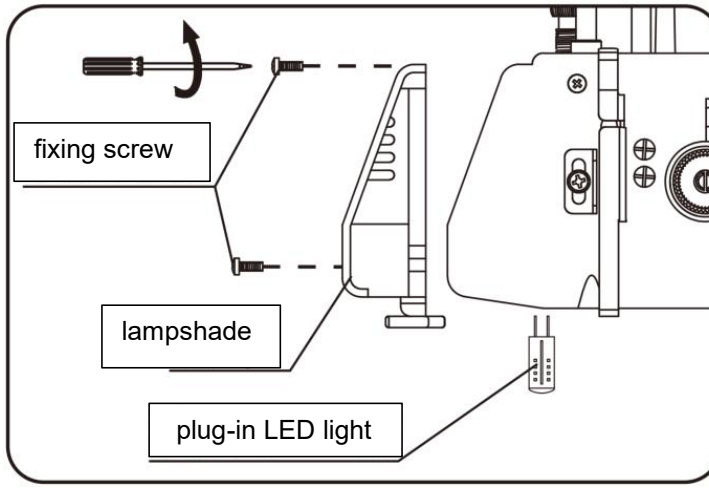




Replace Light Bulb

Note: Please turn off the power before operation.

When replacing the bulb, first turn off the power, use a screwdriver to remove the screws on the lamp cover, take off the lamp cover, and unscrew the bulb (as shown in the diagram below). Replace it with a bulb of the corresponding voltage, put the lamp cover back on, and tighten the screws to secure it.



USUAL TROUBLES AND TREATMENT METHODS

Due to improper operation, the following problems may occur, the control table, looking for ways to solve the problem

UNDESIRABLE PHENOMENA	PROBLEM REASON	TREATMENT METHODS
SKIPPING STITCH	1.The seam material is too thick	1.Replace the rigid needle
	2.Needle is not installed in place	2.Put the needle in the correct position
	3.Needle bending	3.Replace the new needle
	4.(Chain stitch) The lower wire is too loosen	4.adjust the needle thread tension
BROKEN NEEDLE/BROKEN THREAD	1.The needle number and wire number do not match	1.Change needle or thread
	2.Straight needle or threaded hole rough	2.Use a fine sandpaper to smooth the line passing area
	3.Needle thread tension is too tight	3. Adjust the needle thread tension
	4.Needle threading is incorrect	4.Threading correctly
	5.Moisture or weathering deterioration of the wire	5.Change new thread
	6.Fine needle sewing thick material	6.Change new needle
CHAOTIC STITCHIN	1.The position of the wire frame does not correspond to that of the wire coil	1.Threading correctly
	2.The pressure of the thread tension is not adjusted properly	2.Adjust the thread tension
	3.There are debris between the wire clamps	3.Remove debris
STITCH WRINKLE	1.the needle thread tension is too tight	1.Release the thread tension according
	2. looper thread tension is too loose	2.Tight the thread tension according
	3.The pressure for presser foot is too weak	3.Increase the pressure of presser foot
TRANSPORT FABRIC IS NOT SMOOTH	1.The cutting blade is blunt	1.Replace or repair the cutting blade
	2.The foot pressure is too weak	2.Adjust the foot pressure

WARNING:



Thank you very much for choosing this Overlock Machine**.**
Warning - To reduce the risk of injury, user must read instructions manual carefully. Read all instructions and product labels.

CORRECT DISPOSAL



This product is subject to the provision of European Directive 2012/19/EU. The symbol showing a wheelie bin crossed through indicates that the product requires separate refuse collection in the European Union. This applies to the product and all accessories marked with this symbol. Products marked as such may not be discarded with normal domestic waste, but must be taken to a collection point for recycling electrical and electronic devices.

