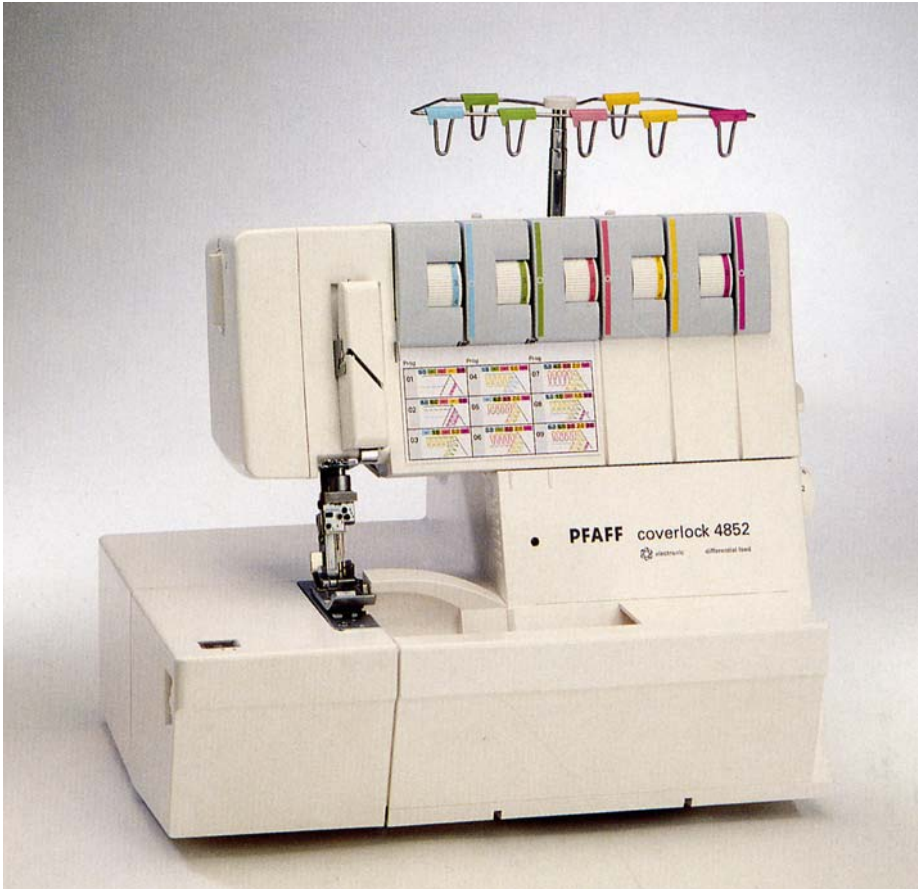
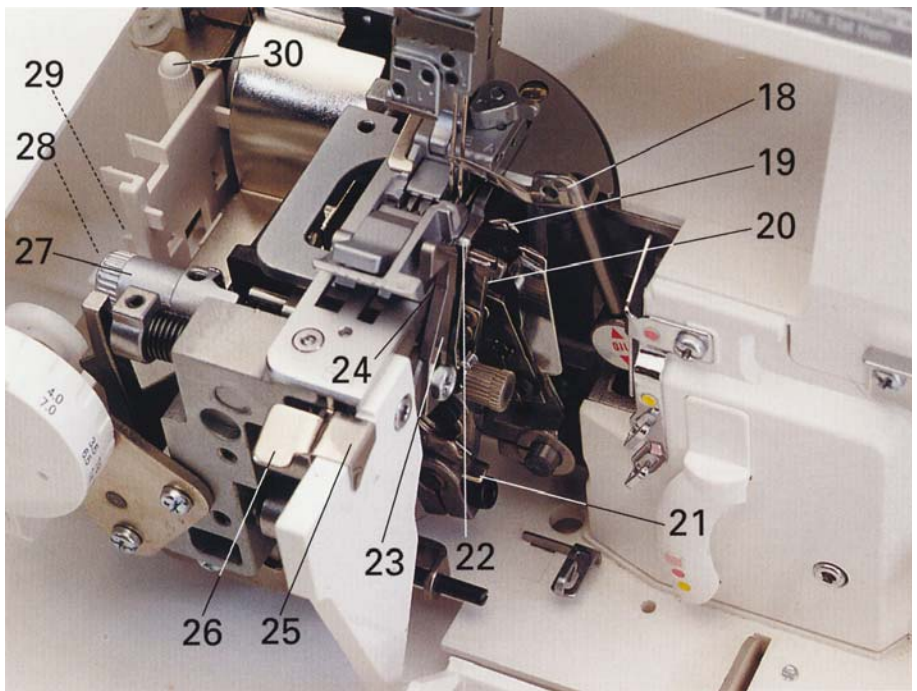
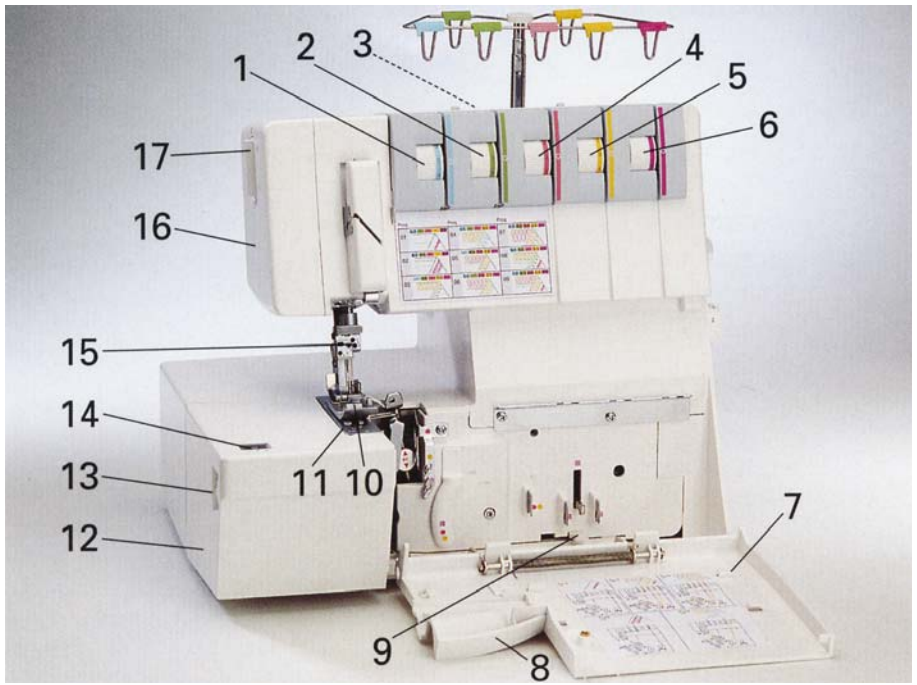


PFAFF®

coverlock 4852



Owner's manual



Parts of the coverlock 4852

- 1 Upper needle-thread tension
 - 2 Upper needle-thread tension
 - 3 Carry handle
 - 4 Thread tension/upper looper thread
 - 5 Thread tension/lower looper thread
 - 6 Thread tension/two-thread chainstitch looper/cover stitch looper
 - 7 Looper cover
 - 8 Blade guard
 - 9 Looper disengaging lever
 - 10 Standard presser foot
 - 11 Needle plate
 - 12 Swivel plate
 - 13 Adjusting knob for seam width
 - 14 Seam width viewing window
 - 15 Needle holder
 - 16 Sewing light cover
 - 17 Adjusting knob for presser foot pressure
-
- 18 Upper overedge looper
 - 19 Lower overedge looper
 - 20 Two-thread chainstitch looper
 - 21 Threading aid for the two-thread chainstitch looper/cover stitch looper
 - 22 Swiveling stitch width latch
 - 23 Movable upper blade
 - 24 Fixed lower blade
 - 25 Clamp spring for serging thread chains
 - 26 Needle plate disengaging lever
 - 27 Handwheel for lowering the upper blade
 - 28 Converter
 - 29 Tweezers
 - 30 Allen key

This household sewing machine is designed to comply with IEC/EN 60335-2-28 and UL1594

IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic safety precautions should always be followed, including the following:

Read all instructions before using this household sewing machine.

DANGER - To reduce the risk of electric shock:

- A sewing machine should never be left unattended when plugged in. Always unplug this sewing machine from the electric outlet immediately after using and before cleaning.
- Always unplug before relamping. Replace bulb with same type rated 15 Watt.

WARNING - To reduce the risk of burns, fire, electric shock, or injury to persons:

- Do not allow to be used as a toy. Close attention is necessary when this sewing machine is used by or near children and infirm persons.
- Use this sewing machine only for its intended use as described in this manual. Use only attachments recommended by the manufacturer as contained in this manual.
- Never operate this 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 sewing machine to the nearest authorized dealer or service center for examination, repair, electrical or mechanical adjustment.
- Never operate the sewing machine with any air openings blocked. Keep ventilation openings of the sewing machine and foot controller free from the accumulation of lint, dust, and loose cloth.
- Keep fingers away from all moving parts. Special care is required around the sewing machine needle and blades.
- Always use the proper needle plate. The wrong plate can cause the needle to break.
- Do not use bent needles.
- Do not pull or push fabric while stitching. It may deflect the needle causing it to break.
- Switch the sewing machine off ("0") when making any adjustment in the needle area, such as threading needle, changing needle, threading bobbin, or changing presser foot, etc.
- 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.
- Never drop or insert any object into any opening.
- Do not use outdoors.
- Do not operate where aerosol (spray) products are being used or where oxygen is being administered.
- To disconnect, turn all controls to the off ("0") position, then remove plug from outlet.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.

SAVE THESE INSTRUCTIONS



Simple, up-to-date sewing

Congratulations! You have bought a high-quality product that provides unique advantages. Your new coverlock 4852 can take any material in its stride and will sew through thick and thin for you.

Your PFAFF coverlock features the very latest in design and technology, and it is just as simple to operate as this instruction manual is to follow.

Before you start sewing, please take the time to read these instructions carefully. It is certainly time well spent, and is the best way to find out just what your machine can do and make full use of all its features.

If you have any further questions, just ask your authorized PFAFF dealer. Your dealer is happy to be of service with any help or advice.

Lets get started! We wish you many enjoyable hours creating your very own fashions and projects!

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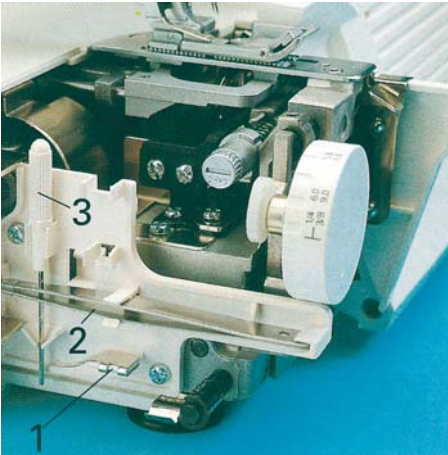
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Accessory box

Open the accessory box 49 by gently pressing the bottom of the box inwards. The following accessories can be found in the box:

- 1 Thread nets (5)
- 2 Overlock needle system EL X 705, cat. no. 2002
- 3 Thread unreeling discs (5)
- 4 Transparent presser foot (F) for cover stitch and two thread chainstitch
- 5 Clip on thread guide
- 6 Cleaning brush
- 7 Screw driver
- 8 Machine oil
- 9 Needlethreader
- 10 Needle inserting tool
- 11 Wrench
- 12 Replacement upper blade
- 13 Edge guide



Further accessories

The following accessories can be found behind the swivel plate 12:

- 1 Converter
- 2 Tweezers
- 3 Allen key



Machine cover

The machine cover protects the machine from dust and dirt. When the sewing process is finished, push the telescopic thread guide 32 together. The spool stand 34 must be pushed to its full extent in to the machine, regardless of whether a spool is attached. Place the cover over the machine. The accessories should be stored in the accessory box or compartments behind the swivel plate.



Connecting the foot control

Connect the plug of the foot control to the connection socket 39 of the machine. The sewing speed is regulated by activating the foot control. You may also regulate the sewing speed by adjusting the slide on the front side of the foot control.

Setting ◀ = half of final speed

Setting ▶ = full final speed



Electrical connection

Connect the foot control cord with the wall outlet.

Foot controls to be used:

AE040 - EU

AE044 - Australia

AE046 - United Kingdom

AE043 - USA/Canada

For the USA and Canada

This appliance has a polarized plug (one blade wider than the other).

To reduce the risk of electric shock, it is designed to fit into a polarized outlet only one way. If the plug does not fit correctly into the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet.

Do not modify the plug in any way.



Master switch

When you turn on the master switch 38 the sewing lamp is illuminated. The machine is now operational.



Looper cover

Push the looper cover 7 fully to the right and then swivel it down. Five types of stitches and their threading paths are portrayed in color on the inside of the looper cover.

Note: The **electricity supply** of the machine is **cut off** as soon as the **looper cover or swivel plate 12** is opened, for **safety reasons**, i.e. sewing with the machine is no longer possible.



Waste container

Insert the upper latch of the waste container 45 into the upper slot of the looper cover 7.

Apply pressure to the lower part of the container until the lower latches flick into place in the lower slots of the looper cover.



To remove the waste container, repeat this procedure in the reverse order.



Spool holder

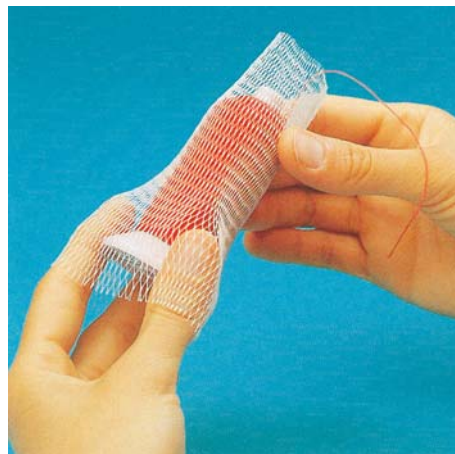
Before placing thread cones/spools on machine you must pull the spool holder **34** fully away from the back of machine.



Telescopic thread guide

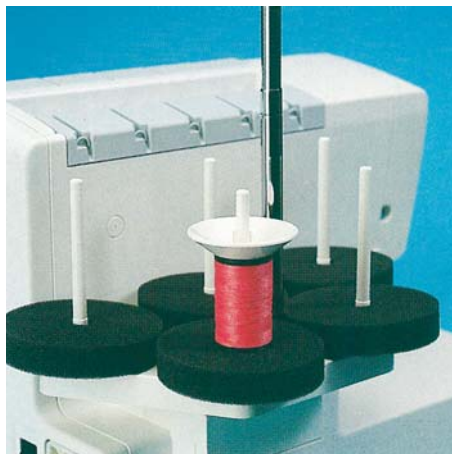
Pull the telescopic thread guide **32** upwards to its highest position.

To ensure optimum thread feed, turn the telescopic parts slowly until you hear the locking balls flick into place.



Thread net

Synthetic threads generally unwind too quickly from the thread spool. Thread nets have been included to allow easy use of these threads. Pull the thread net (located in the accessory box) over the spool from below. Place the spool on the spool holder catching the bottom of the thread net with the spool pin.



Thread unreeling disc

The thread unreeling disc (in the accessory box) is used for small spools/spools with notched or rough ends. Place the spool on the spool pin **35**. Place the thread unreeling disc on top of the spool. Make sure the spool disc **37** is used under the spool.



Spool disc/cone thread adapter

It is advantageous to use the spool disc 37 when sewing with large spools (5,000 10,000 m). To do this, place the cone thread adapter 36 onto the spool pin 35. With synthetic threads, the spool discs help eliminate vibration of the cones/spools aiding in smoother feeding of the threads.



Clip on thread guide

Use the clip on thread guide accessory when sewing with decorative thread. Clip this onto the telescoping thread guide 32 and thread the machine as shown in the illustration. Use the thread net and/or the thread unreeling disc if needed.

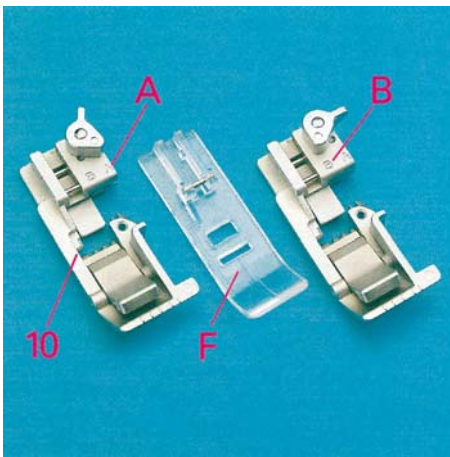


Presser foot lifter

The presser foot can be raised and lowered using the presser foot lifter 43. The maximum vertical lift of 6.5 mm for the presser foot for particularly thick fabrics can be achieved by pressing the presser foot lifter towards the rear.



Once an initial thread chain has been created, the presser foot lifter no longer needs to be raised if you continue working with the same thread and presser foot. It is sufficient to gently lift the front part of the presser foot using your thumb. Slide the fabric under the raised part of the presser foot. The fabric is automatically taken up and fed into the machine when you activate the foot control.

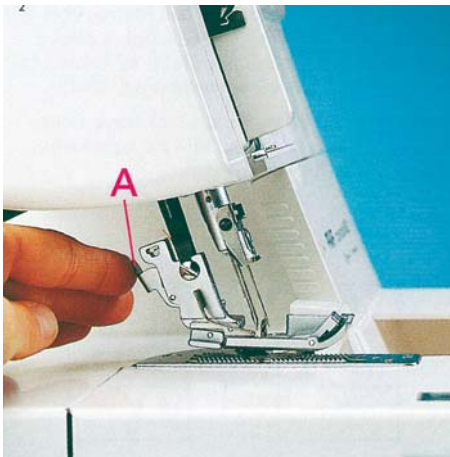


Presserfoot

With standard presser foot **10** use setting "**A**" on the spring loaded presser foot latch for the cover stitch (Prog. 02), the 2 thread chainstitch (Prog. 01), the 5 thread safety stitch seam (Prog. 09) and the 4 thread safety stitch seam (Prog. 08).

Transparent presser foot **F** from the accessories can also be used for the cover stitch (Prog. 02).

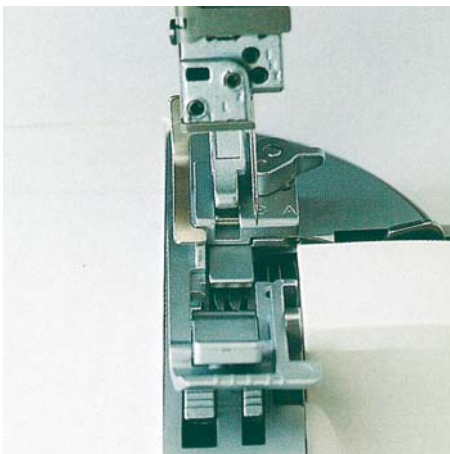
For all other programs use standard presser foot **10** and setting "**B**" on the springloaded presser foot latch.



Changing the presser foot

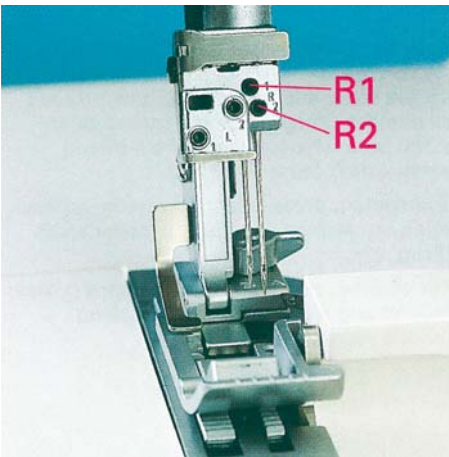
Switch off the electrical power

To remove: Raise the needle(s) to the highest position by turning the hand wheel towards you. Raise the presser foot and press lever **A** at the rear of the presser foot holder. The presser foot will be released automatically from the holder. Pivot the presser foot clockwise until the front half of presser foot clears holder and remove by sliding foot away from you towards back of machine.



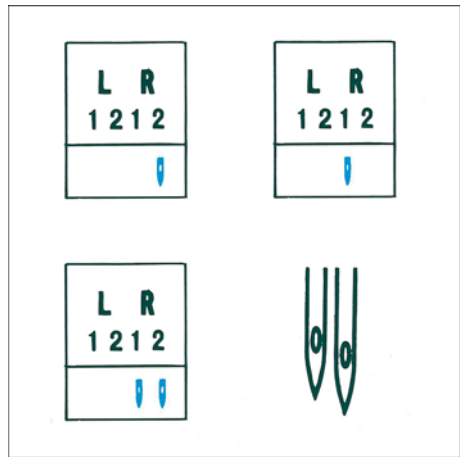
To attach: Place the presser foot behind and perpendicular to the presser foot holder. Pivot the presser foot counterclockwise until the pin of the foot is directly under the presser foot holder clamp. Lower the presser foot lever and press lever **A**, if necessary, until the foot then clicks into place.

Check: Please lift the presser foot lever to ensure that the presser foot is properly locked into place.



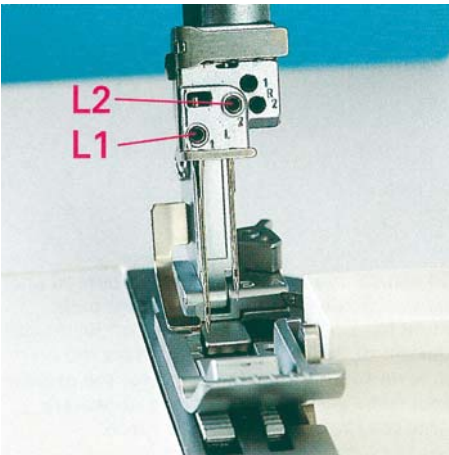
Needle position

This machine has 4 needle positions and can sew with a maximum of two needles at any one time. The needle positions are 1 1, L2, R11 and R2. The fastening screw is located directly above the corresponding needle.

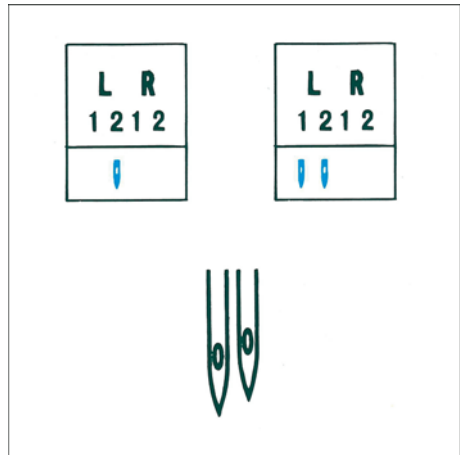


The different needle positions are depicted in a schematic drawing in the instruction manual. Also refer to the examples above and below. Insert the needle(s) as shown on the program overview (see pages 40-43).

Note: If the needles R2 and 131 have been inserted, the left needle will be somewhat higher than the right needle.



Note: If the needles 1 11 and L2 have been inserted, the left needle will be somewhat lower than the right needle.

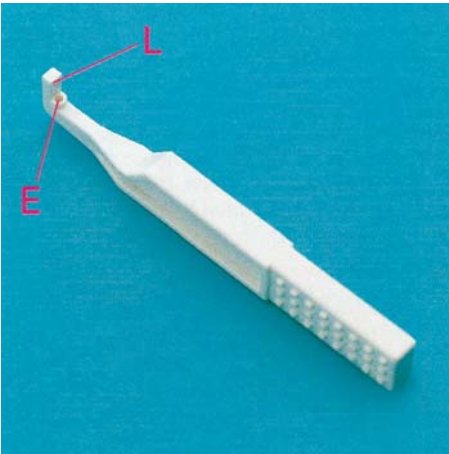




Changing the needle

Switch off the electrical power

To remove: Lower the presser foot and move the needle(s) to the highest position by turning the handwheel towards you. Push the needle inserting tool (from the accessory box 49) from below upward fully over the needle. Loosen the fastening screw of the needle (without removing it) with the Allen key (behind the swivel plate) and pull the needle down to remove.



To insert: Insert the needle into hole E of the needle inserting tool, so that the flat needle shank K faces the flat side L of the inserting tool. Insert the needle fully into the holder and tighten the fastening screws. Remove the needle inserting tool.

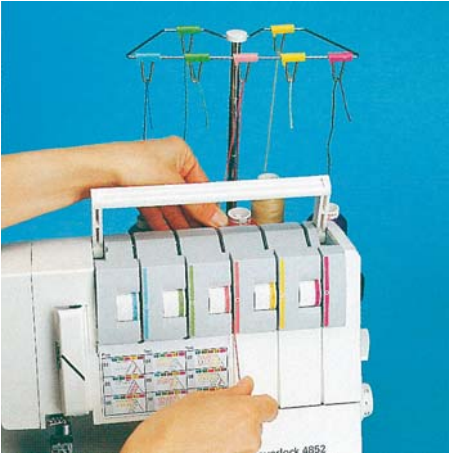


Overlock needles types **EL X 705, cat. no. 2002** are required for this machine.

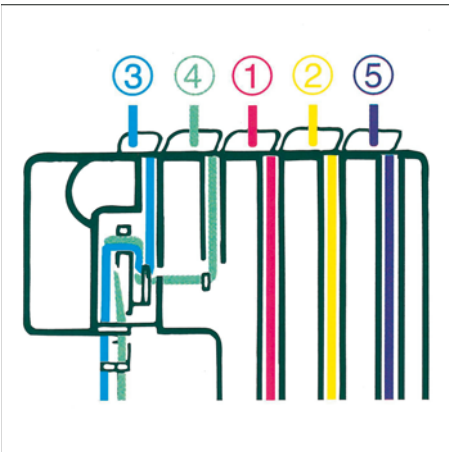


Threading the thread guides

Place the spools on the spool pins **35**. You will find information on the thread net, thread unreeling disc, spool disc and cone thread adapter on pages 9 and 10. Thread through the thread guides **31** from the back to the front following the colored threading paths.

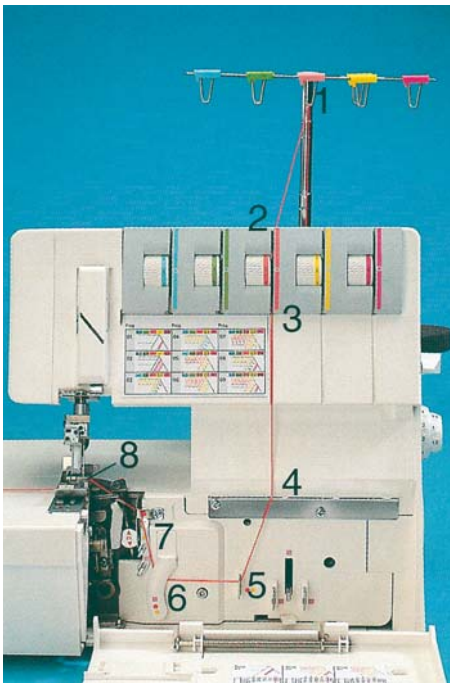


Lift the carry handle **3** upwards. Thread through the underside of the carrying handle and through the rear thread guides **44** using both hands to pull the thread down until it slips under the thread guide. Guide the thread through the tension discs and pull it down until it is positioned firmly between the tension discs. Return the carrying handle to its original position.



Note:

Thread in a sequence of **1 to 5**.

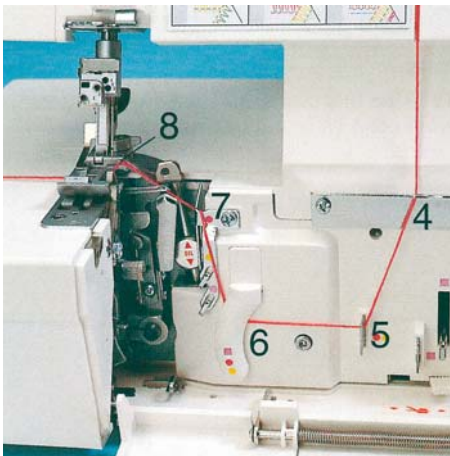


Threading the upper overedge looper (pink)

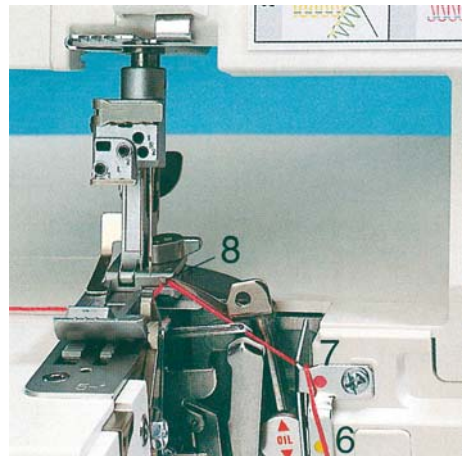
Turn the handwheel towards you until the upper overedge looper 18 is in its highest position. Thread in a sequence of 1 to 8.

Note:

To make this task easier, use the tweezers which can be found behind the swivel plate.



Thread through the thread guides **1 to 7**, which are marked with a pink dot.

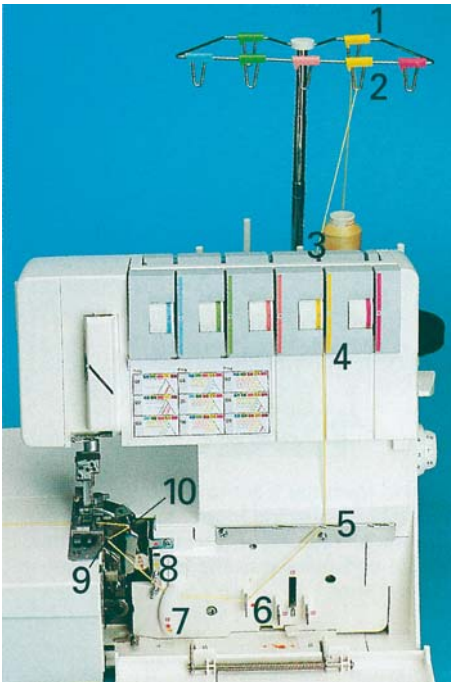


Thread from the front through the eye of the upper overedge looper **8**. Pull approximately 4" (10 cm) of thread through the looper and place it to the left under the presser foot.



**Threading the lower overedge looper
(yellow)**

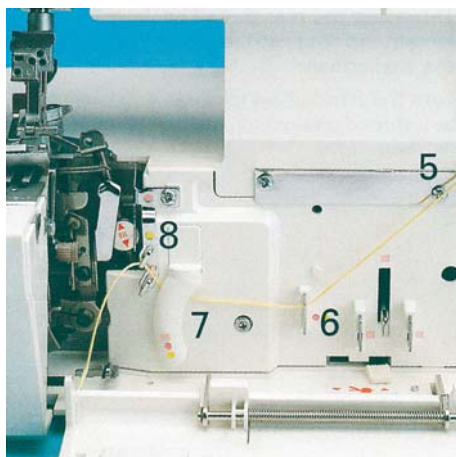
Turn the handwheel towards you until the lower overedge looper **19** is on the extreme right.



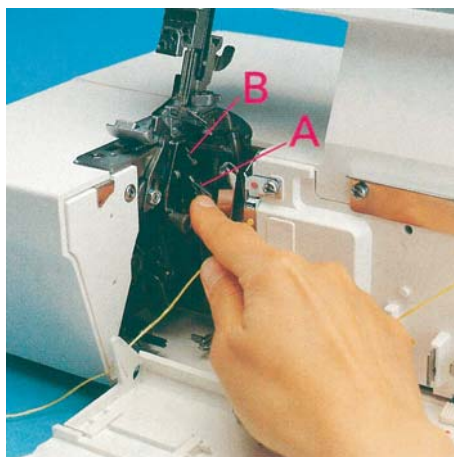
Thread in a sequence of **1 to 10**.

Note:

To make this task easier, use the tweezers which can be found behind the swivel plate.



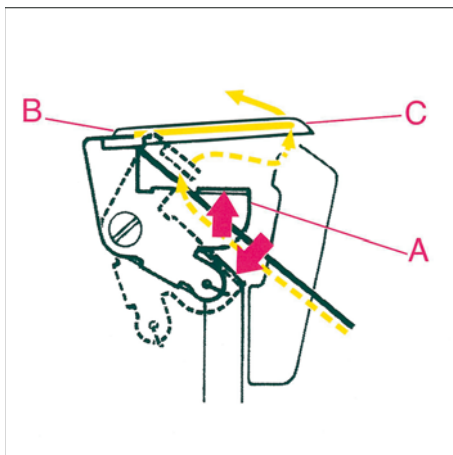
Thread through the thread guides **1 to 8**, marked yellow.



Press lever **A** downwards and hook the thread into guide **B**. Please also refer to the drawing below.

Note:

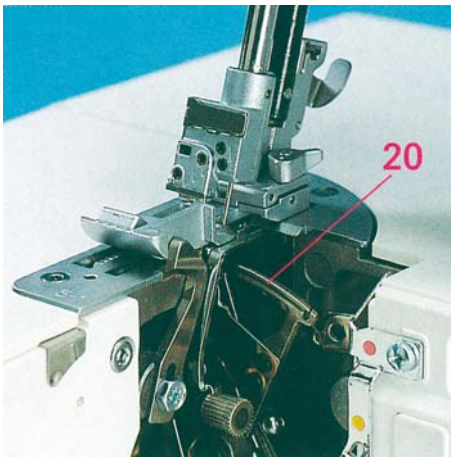
The lever returns automatically to its position as soon as you start sewing.



Thread from the front through the eye of the lower overedge looper **C** (= threading point **10**).

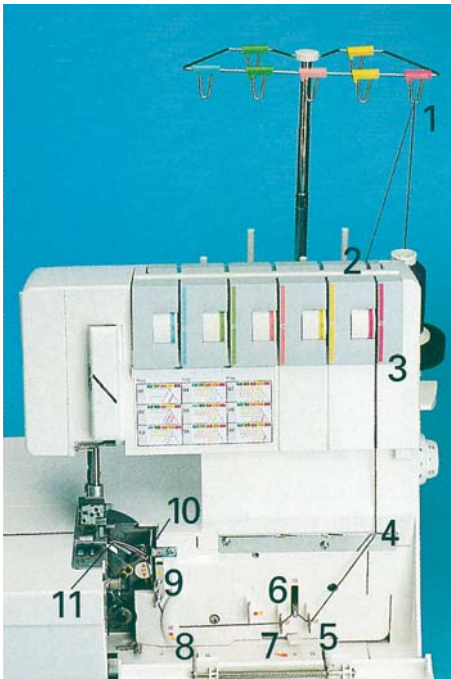


Pull approximately 4" (10 cm) of thread through the looper and place it to the left under the presser foot.



Threading the two thread chainstitch looper and cover stitch looper (violet) for the chainstitch

Turn the handwheel towards you until the two thread chainstitch looper **20** is on the extreme right.



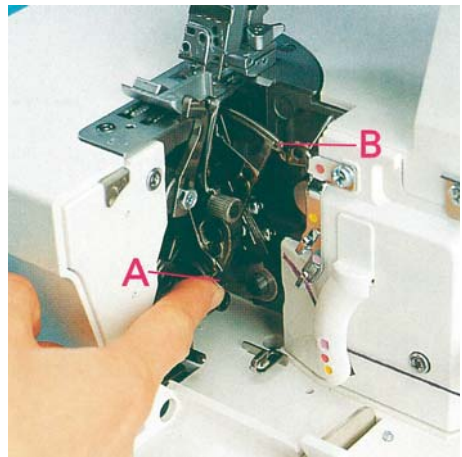
Thread in a sequence of **1 to 11**.

Note:

To make this task easier, use the tweezers which can be found behind the swivel plate.



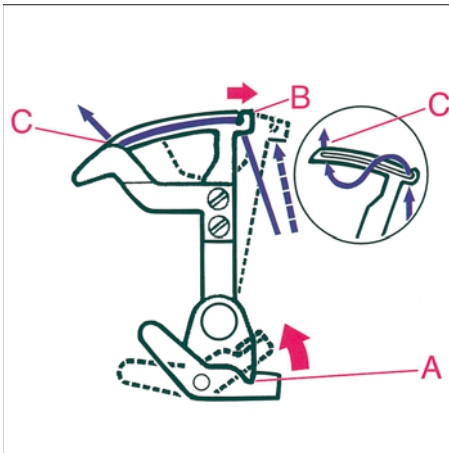
Thread the thread guides which are marked with a violet square in a sequence of **1 to 9**.



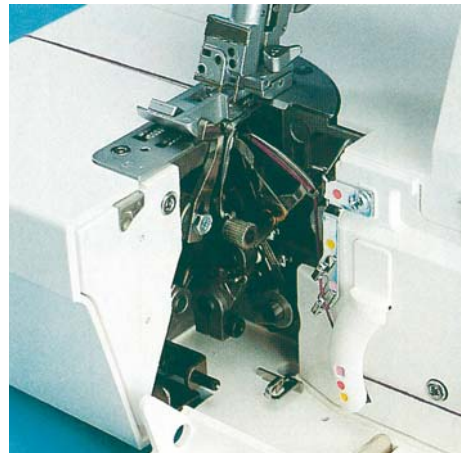
Push lever **A** upward and hook the thread into slot **B**. Also refer to the drawing below.

Note:

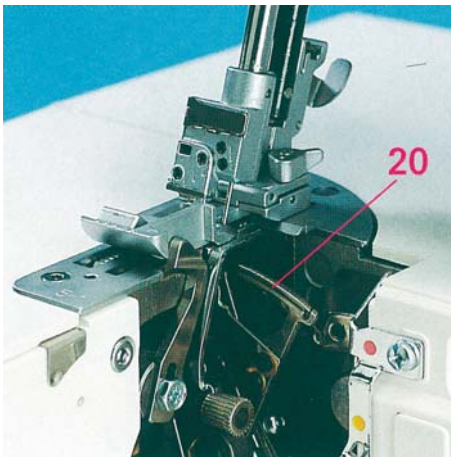
The lever returns automatically to its position as soon as you start sewing.



Thread from the front through eye **C** of the two thread chainstitch looper and the cover stitch looper (= threading point 11).



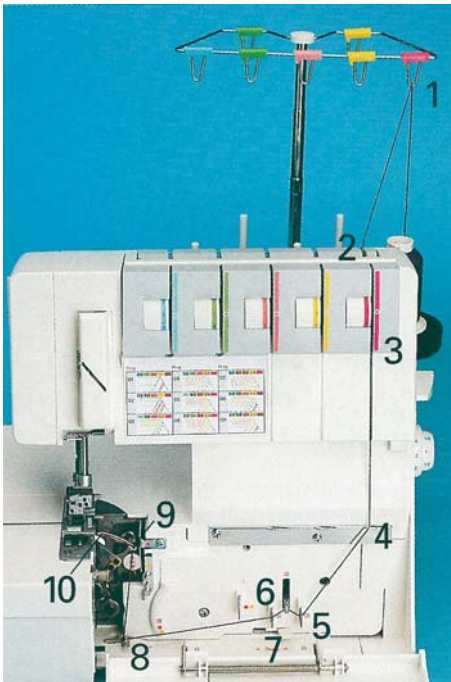
Pull approximately 4" (10 cm) of thread through the looper and place it to the left under the presser foot.



Exception:

Threading the two-thread chainstitch looper and cover stitch looper for the cover stitch (violet) (Prog. 02)

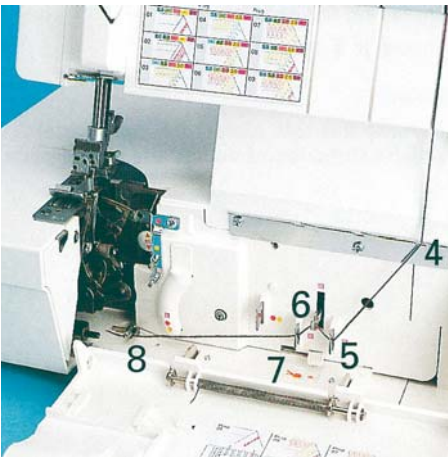
Turn the handwheel towards you until the two thread chainstitch looper 20 is on the extreme right.



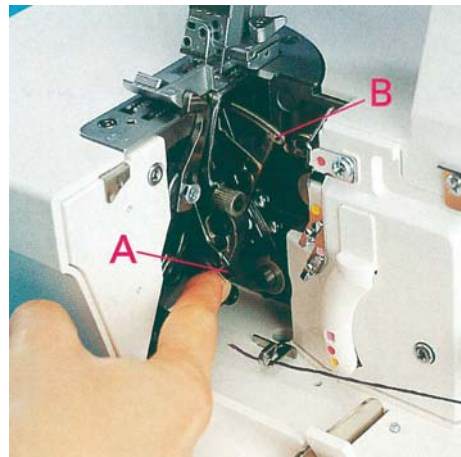
Thread in a sequence of **1 to 10**.

Note:

To make this task easier, use the tweezers which can be found behind the swivel plate.

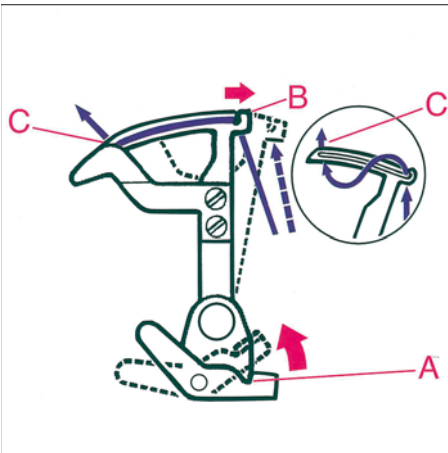


Thread the thread guides, as shown in the diagram, in a sequence of **1 to 8**. Some of the thread guides are marked with a violet square.

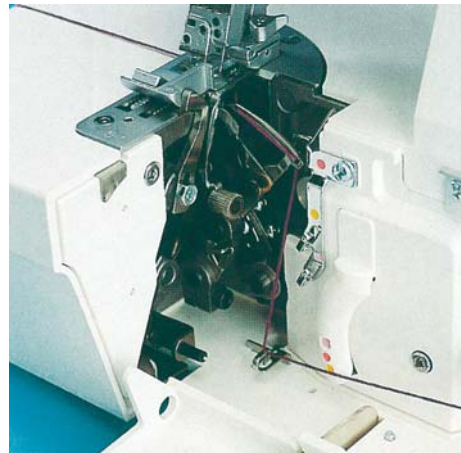


Press lever **A** upward and hook the thread into slot **B**. Also refer to the drawing below.

Note: The lever returns automatically to its position as soon as you start sewing.



Thread from the front through eye **C** of the two-thread chainstitch looper and the cover stitch looper (= threading point 10).



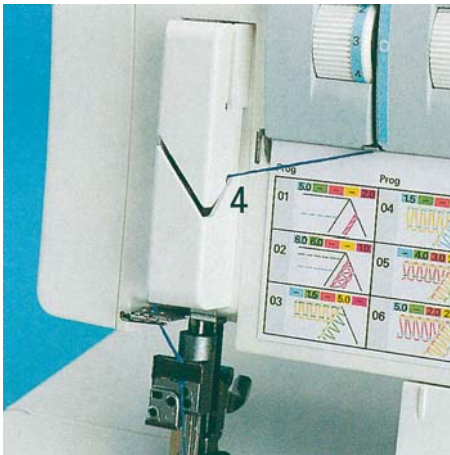
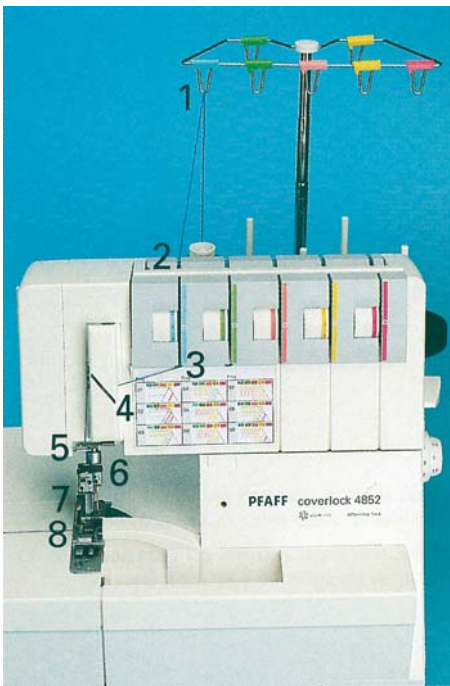
Pull approximately 4" (10 cm) of thread through the looper and place it to the left under the presser foot.

Threading the needles

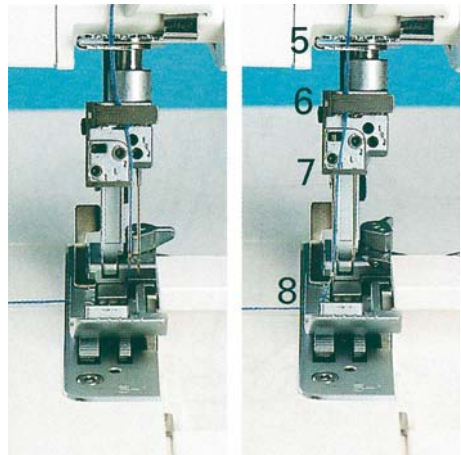
Thread in a sequence of **1 to 8**.

Note:

To make this task easier, use the tweezers which can be found behind the swivel plate.



The thread must be guided through the lower slot of thread guide **4**.



Pull approximately 4" (10 cm) of thread through the looper and place it to the left under the presser foot.

Note:

For the cover stitch the thread must also be guided through the lower thread guide **7**.



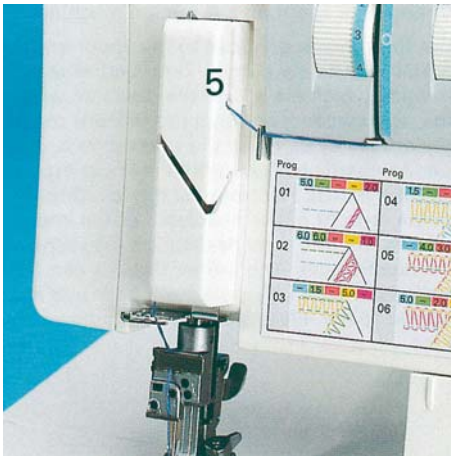
Exception:

Threading needle L2 when sewing a 5-thread safety-stitch seam (Prog. 09), a 4-thread safety-stitch seam (Prog. 08) and a 2-thread chainstitch (Prog. 01)

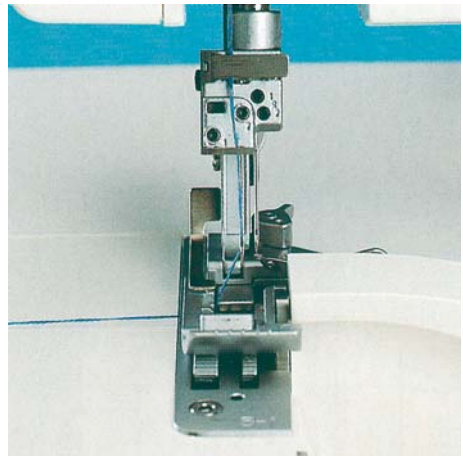
Thread in a sequence of 1 to 9.

Note:

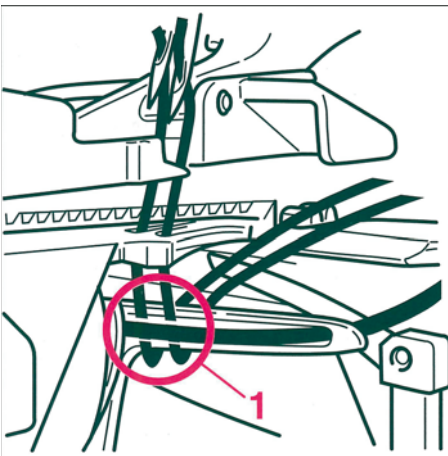
To make this task easier, use the tweezers which can be found behind the swivel plate.



The thread must be guided through the **upper** slot of thread guide 5.

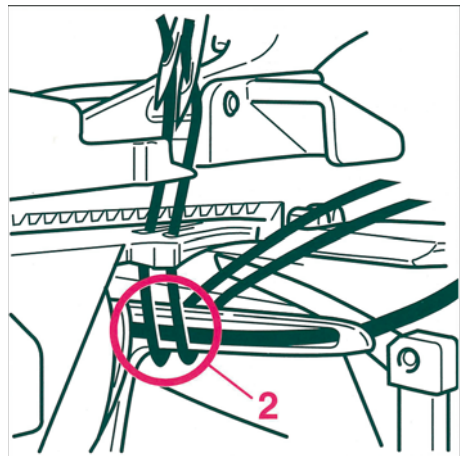


Pull approximately 4" (10 cm) of thread through the looper and place it to the left under the presser foot .

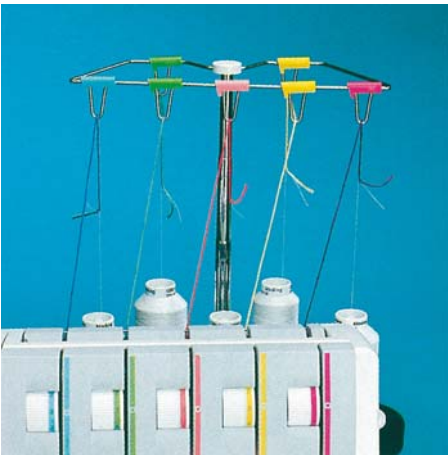


Important note on threading

The needle(s) must always be threaded last so that the needle threads do not run under the looper thread as seen in drawing 1, but instead over the looper thread as depicted in drawing 2. Should this sequence not be followed, thread breakage or missed stitches can occur.

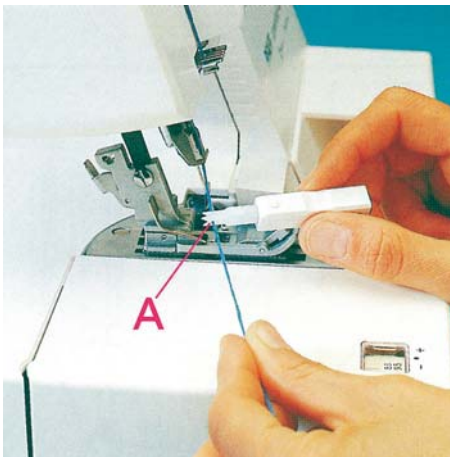


If the looper threads break, you must pull the needle threads out of the needle eye, rethread the looper thread and then rethread the needle threads.



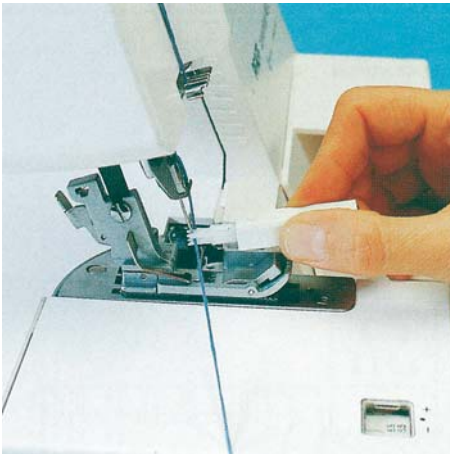
Changing a spool on a threaded machine

Cut the threads off close to the spool and replace with new spools. Tie together the threads which are still in the machine with the new threads, and pull the threads out of the needle eyes. Raise the presser foot. Pull on the needle threads until the knots are about 6 inches (15 cm) past the last thread guide in front of the needles. Cut the knots off and pull the threads through the respective needle eyes. The looper threads can be pulled continuously past the looper eye and placed to the left underneath the presser foot.



Needle threader

Move the needle(s) into the highest position and lower the presser foot. Place the thread from right to left in notch **A** of the needle threader (to be found in the accessory box). One of the two triangles must point upwards.

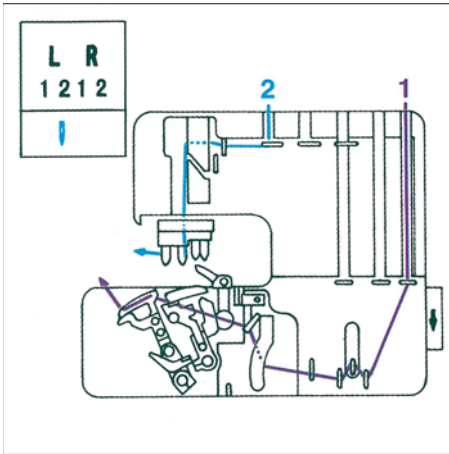


Place the needle threader onto the front groove of the needle. Slide the needle threader down to the needle eye and press it lightly against the needle.

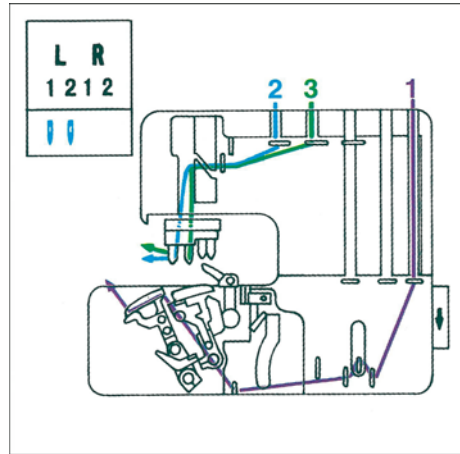


A small metal pin is pushed through the needle eye and the needle is automatically threaded. Thread loops must be pulled to the back.

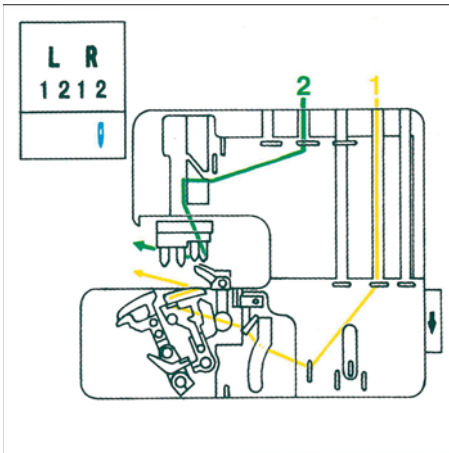
Overview of the threading paths and threading sequences



Program 01:
2-thread chainstitch



Program 02:
cover stitch

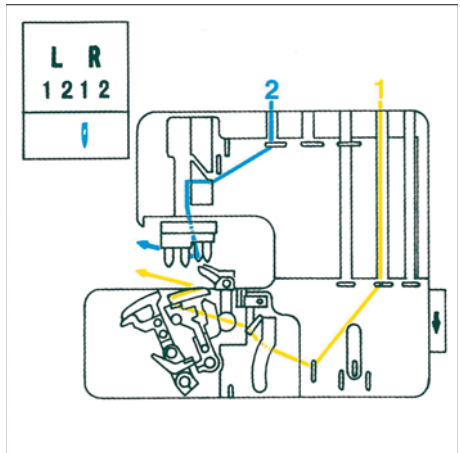


Program 03:
2-thread flatlock, narrow

Program 11:
2-thread serging, narrow

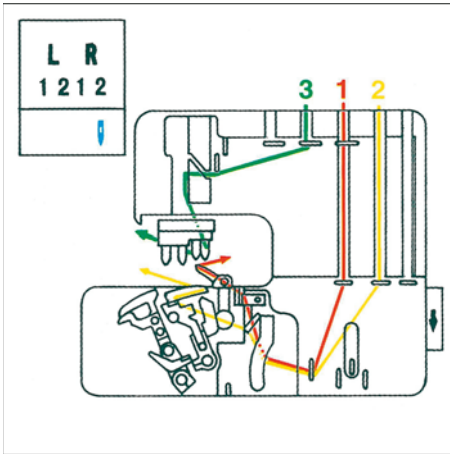
Program 12:
2-thread rolled hem

Program 13:
folded 2-thread rolled hem



Program 04
2-thread flatlock, wide

Overview of the threading paths and threading sequences

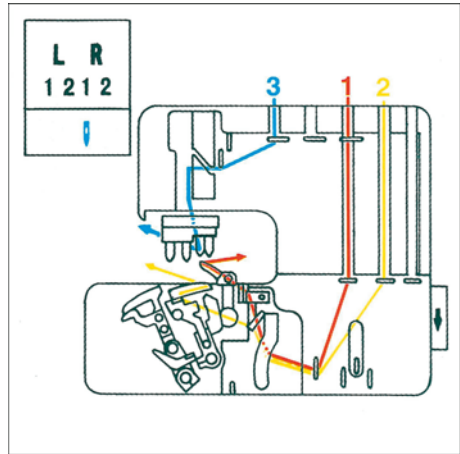


Program 05:
3-thread overedge, narrow

Program 14:
3-thread rolled hem

Program 15:
folded 3-thread rolled hem

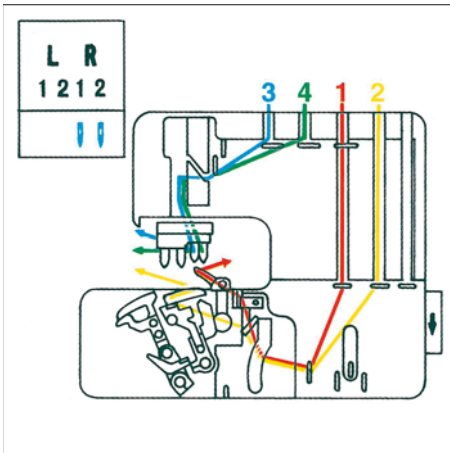
Program 16
3-thread flatlock, narrow



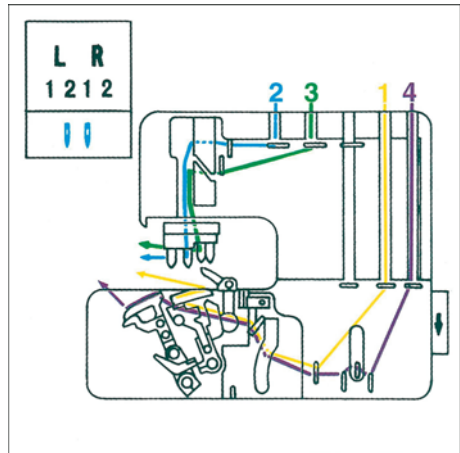
Program 06:
3-thread overedge, wide

Program 17:
3-thread serging, wide

Program 18:
3-thread flatlock, wide

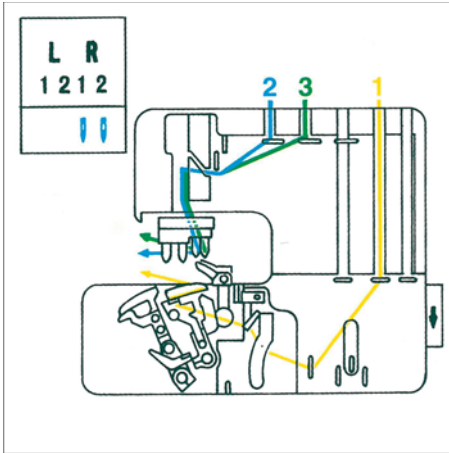


Program 07
4-thread overedge seam

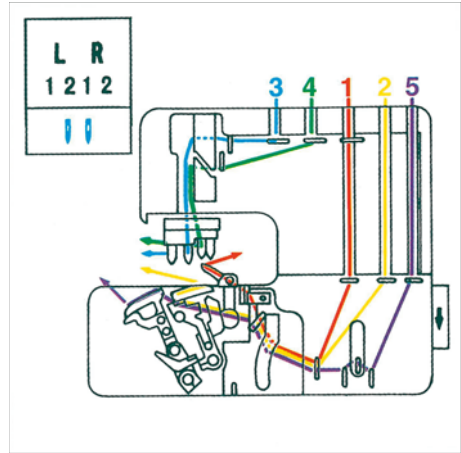


Program 08:
4-thread safety-stitch seam

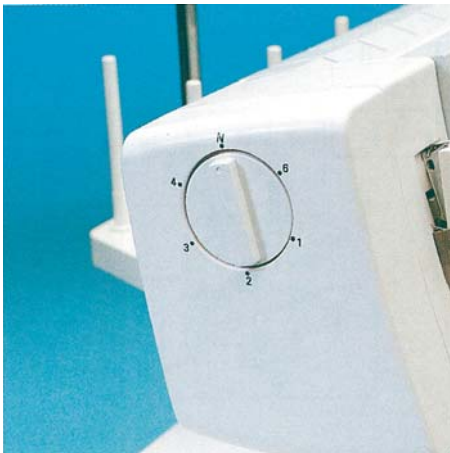
Overview of the threading paths and threading sequences



Program 09:
5-thread safety-stitch seam

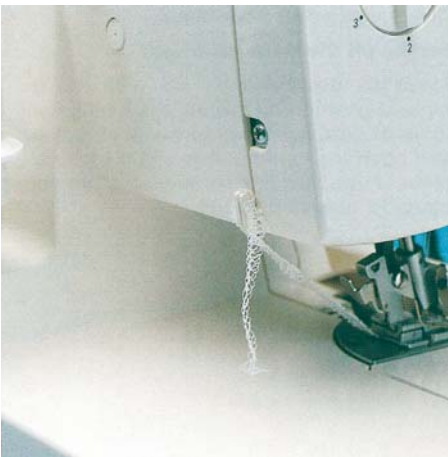


Program 10:
2-needle 3-thread assembly seam



Presser foot pressure

The pre-set presser foot pressure on the machine is suitable for medium heavy fabrics. The presser foot pressure does not need to be adjusted for most fabrics. If you are working with light or heavy fabrics then you may need to adjust the pressure. In this case, 6 setting positions are available which you can select using the adjusting knob for the presser foot pressure 17. The standard setting is "N".



Thread chain cutter

After finishing the seam, sew an approx. 6" - 8,1" (15 - 20 cm) long thread chain. Pull the thread chain from the right to left over the thread chain cutter **33**. This will cut off the thread chain.



Clamp spring for serging thread chain 25

Using this feature you can secure the thread chain at the start of the fabric by pulling it into the seam. Stitch off a minimum 4" (10 cm) long thread chain and raise the presser foot. Remove the thread chain carefully from the swiveling stitch width latch **22**. Pull the thread chain forwards and clamp it under the spring.



Butt the fabric up against the front of the needle(s). If necessary, make an approx. 1.5" (3 cm) cut into the fabric along the cut line using a pair of scissors. Lower the presser foot and start sewing. The thread chain pulls automatically into the inside of the seam.

Note:

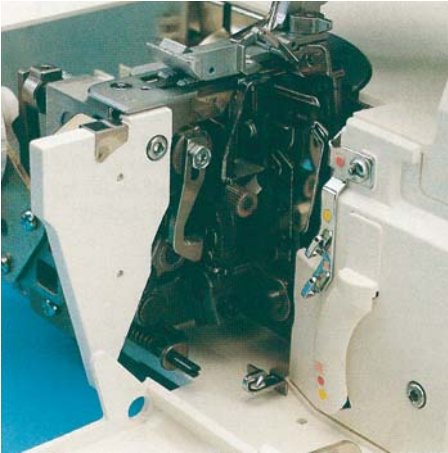
This feature cannot be used for either the 2-thread safety-stitch seam, the 4-thread safety-stitch seam, the 2-thread chainstitch or for the rolled hem.



Disengaging the upper blade

Switch off the electrical power

Move the movable upper blade 23 into its highest position by turning the handwheel towards you. Remove the waste container and open the looper cover and the swivel plate. Push the knob for lowering the upper blade 27 fully to the right.

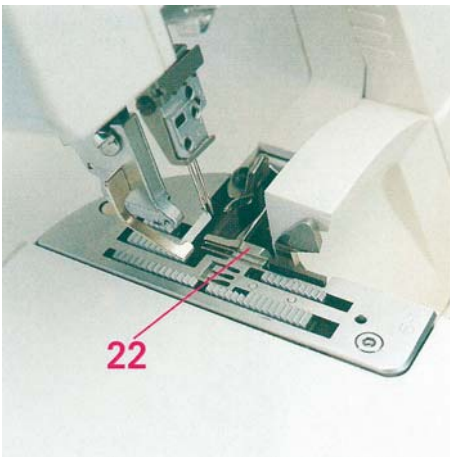


To lower the upper blade turn the knob towards you until the upper blades clicks into place below. The upper blade is now disengaged.



Engaging the upper blade

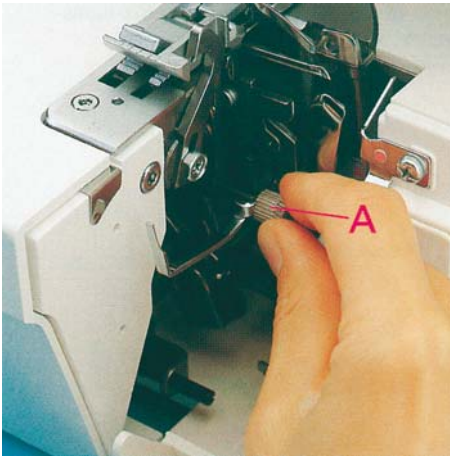
Push the knob for lowering the upper blade to the right and swivel the blade back until it clicks into the operating position again. Close the looper cover and the swivel plate and reattach the waste container.



Swiveling stitch width latch

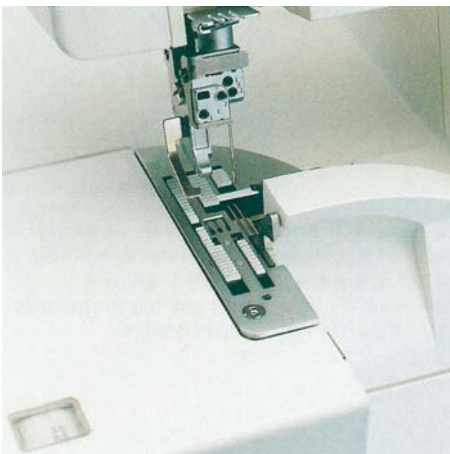
For standard overlock seams:

The swiveling stitch width latch 22 remains in the basic position when sewing all types of standard overlock seams (exception: Program 01, 02).

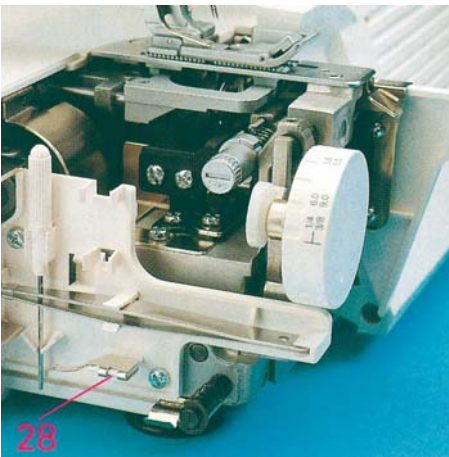


For rolled hems:

Pull knob (A) to the right and swivel the swiveling stitch width latch 22 downwards.



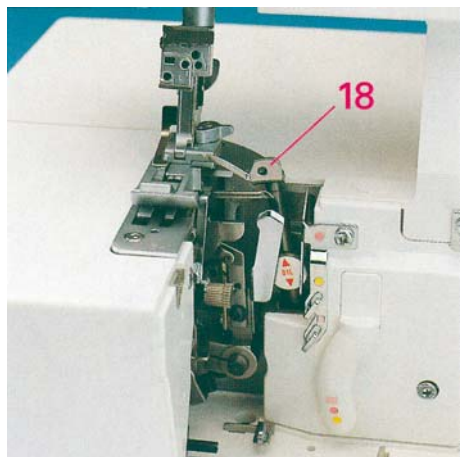
This setting allows you to sew all types of rolled hems.



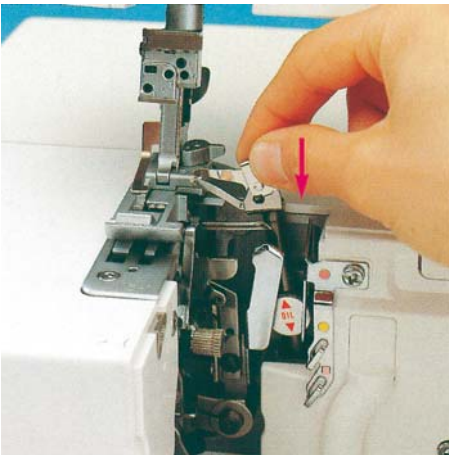
Attaching the converter

Switch off the electrical power

The converter 28 must be attached for all two thread seams (exception: Program 01) and the two needle three thread assembly seam. Open the swivel plate and remove the converter 28 from its storage place.



Position the upper overedge looper 18 right next to the needle by turning the handwheel towards you.



Push the tip of the converter into the back side of the upper overedge looper until it clicks into place and push the converter onto the overedge looper bracket.



To remove the converter, gently push the point of the converter from the eye of the upper overedge looper. You can now remove the converter by pulling it upwards from the overedge looper bracket.



Setting the seam width

The required seam width can be adjusted anywhere between 3.5 and 6 mm by turning the adjusting knob for seam width 13. The setting can be seen through the viewing window 14.

The two thread chainstitch is sewn with a clearance of 6.5 to 9 mm.

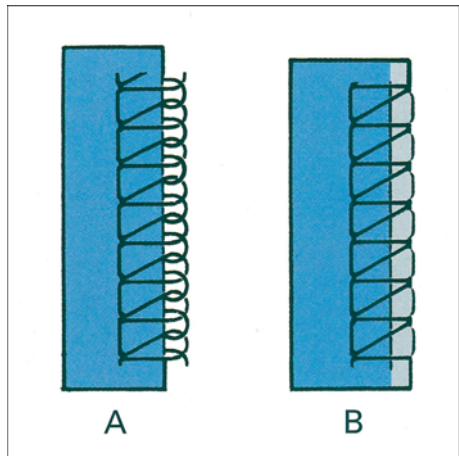
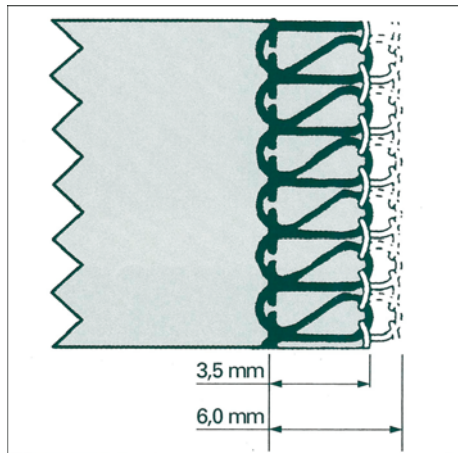
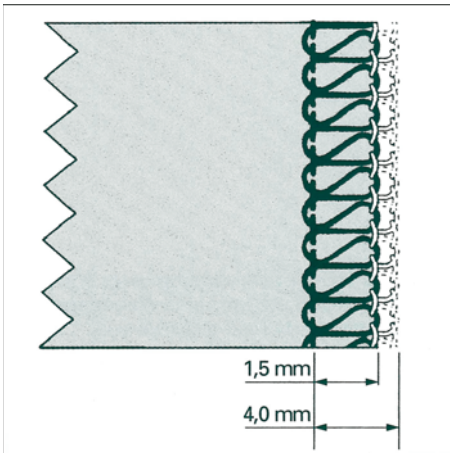


Illustration A: Should loops project out of the workpiece, move the movable upper blade 23 to the right by turning the seam width adjusting knob upwards.

Illustration B: Should the stitching be too tight, move the movable upper blade 23 to the left by turning the seam width adjusting knob downwards.



Note:

The top row of numbers on the dial refers to the seam width of a standard 3 thread overedge seam. The width settings 3.5 mm through 6.0 mm are measured from needle R1 to the outer fabric edge. This width is decreased by 2.0 mm when only using needle R2, i. e. you have a seam width that is completely adjustable from 1.5 mm to 4.0 mm.

The bottom row of numbers refers to the seam of the 4 or 5 thread safety stitch seam. The width settings 6.5 mm through 9 mm are measured from needle L2 to the outer fabric edge.

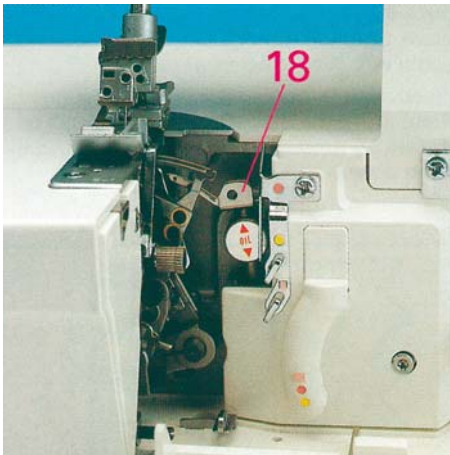
Measurements are shown in metric and fractions.



Adjusting the machine to the cover stitch (Prog. 02) and two thread chainstitch (Prog. 01)

This is only necessary if you do not want to trim the fabric edge. Insert the needle(s) (see page 13) according to the overview of the threading paths and threading sequences (see page 26). Open the looper cover and remove the blade guard **8** by pulling it towards you.

Lower the swiveling stitch width latch (see page 31) and disengage the upper blade (see page 30). Ensure that the upper blade is disengaged by turning the handwheel towards you.



Disengage the upper overedge looper. Move the upper overedge looper **18** into its lowest position by turning the handwheel towards you.



Move the looper disengaging lever **9** to the left. Ensure that the looper is disengaged by turning the handwheel towards you.

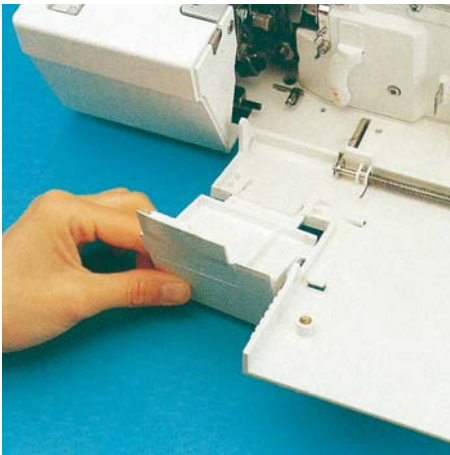
Thread the two thread chainstitch looper and the cover stitch looper (see pages 18 to 21) and then the needle(s) (see page 22 and 23).



Press the power table **50** downwards into the designated slot on the looper cover. Close looper cover.

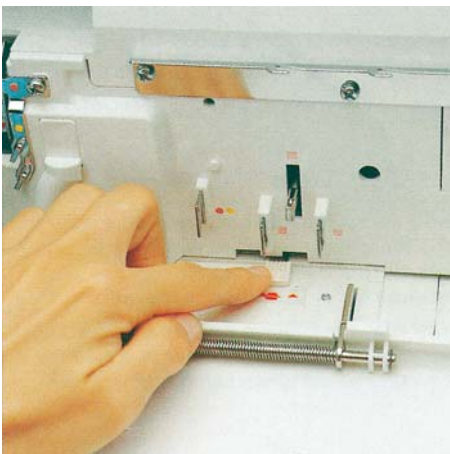
Note:

Please ensure that the upper overedge looper is disengaged before attaching the power table **50**.



To return the machine to its previous settings after sewing with the cover stitch or two thread chainstitch:

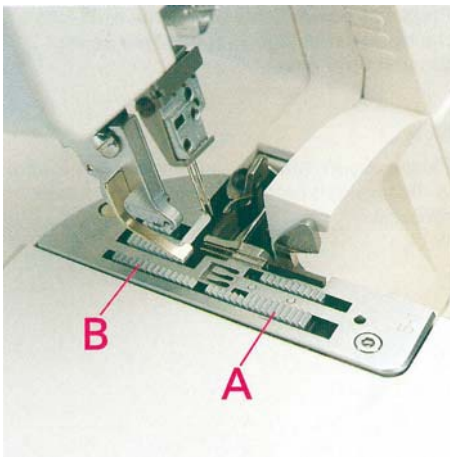
Open the looper cover and remove the power table.



Move the looper disengaging lever to the right, thus re-engaging the upper overedge looper.

Bring the swiveling stitch width latch into the basic position (see page 31) and engage the upper blade (see page 30).

Push the blade guard into the looper cover and close the looper cover.



Differential feed

The differential feed consists of two feed dogs (**A + B**), one behind the other, which feed the fabric. The movement of the front feed dog (**A**) and thus the amount of material to be fed can be regulated using the regulator wheel **41**. The setting range is between 0.5 and 2.0.

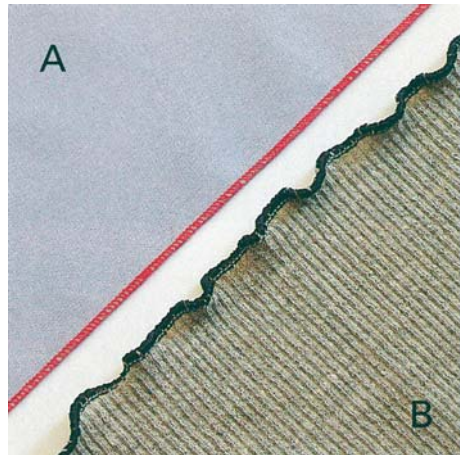
The **standard setting** is 1.0, where the movement of the front feed dog (**A**) is synchronized with the rear feed dog (**B**). This means that the front feed dog feeds the same amount of fabric as the rear feed dog.

Note:

The function of the differential feed also depends on the set stitch length and the type of fabric being used.

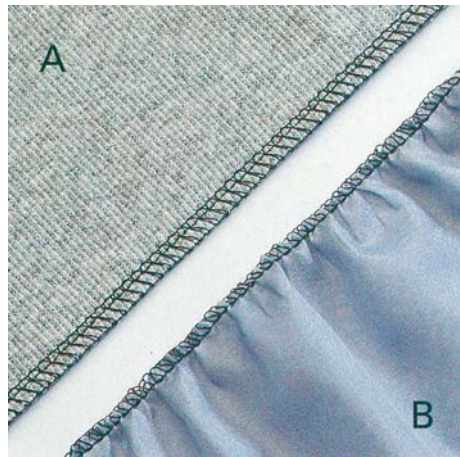


Set the regulator wheel for the differential feed **41** to 0.5. At this setting the front feed dog feeds half as fast as the rear feed dog. This means that the front feed dog feeds only half as much fabric as the rear feed dog, causing the fabric to **stretch**.



Here you will avoid gathering/puckering of the seam when working with very light fabrics, such as silk and taffeta. Instead, a smooth seam (**A**) will be achieved.

You can also achieve decorative effects with the differential feed dog. For example the wavelike effect when using a rib knit (**B**).



Set the regulator wheel for the differential feed **41** to 2.0.

Here the front feed dog feeds twice as fast as the rear feed dog. This means that the front feed dog feeds twice as much fabric as the rear feed dog, causing the material to **gather**.

Here you will avoid stretching in the seam when working with knitwear, such as jerseys or gathered fabrics. Instead, a smooth seam (**A**) will be achieved.

You can also achieve decorative effects with the differential feed dog. For example the gathering effect when using very light fabrics (**B**).

The following table contains information on the differential feed settings. However, you should always test your setting first on a piece of scrap fabric.

Type of fabric / effect	Differential feed setting		
	gather <2.0>	normal <1.0>	stretch <0.5>
Very light fabrics: silk, satin, poplin, taffeta, linings.		●	●
Normal fabrics: light and medium-heavy cottons, fine cords, thermal-wear.		●	
Light knitwear: jerseys, polo fabrics, cut-pile pullovers, tricot, fine knitwear and gathered fabrics.	●	●	
Heavy knitwear: sweatshirt fleece, heavy gathered fabrics, heavy knitwear.	●		
Stretch - wavelike effect: medium and light knitwear, jerseys, knitwear, ruffled sleeve and collar edges, skirt hems, dense stitch lengths.			●
Gathering: ruffling light materials and lace, seam allowances for curves, arches on blouses, shirts, skirts, round pockets, flaps, stretching or gentle ruffling of arched sleeves (shoulders), sleeve widths for cuffs or gathered fabrics.	●		

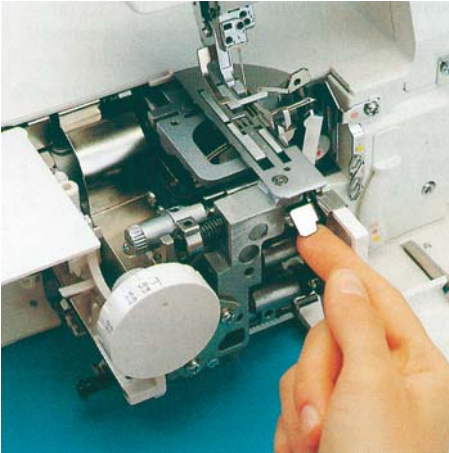


Adjusting the stitch length

You can set the desired stitch length between 0.5 mm to 4.0 mm by turning the stitch length adjustment knob (42).

Note

For the two thread chainstitch, the setting should be 3.0 or higher.

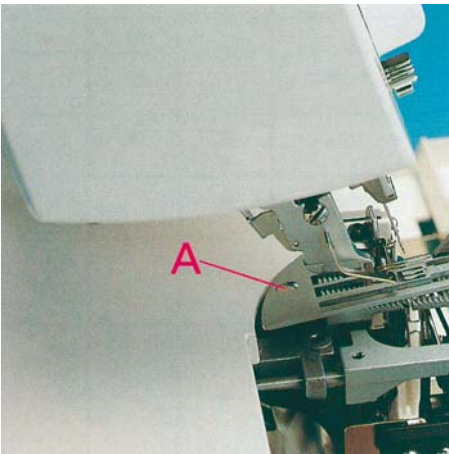


Removing the needle plate

Raise the presser foot and move the needle(s) to the highest position. Remove the presser foot and open the swivel plate. Press down the needle plate disengaging lever 26. The needle plate 11 is raised out of its mount. The needle plate can be removed to the left.

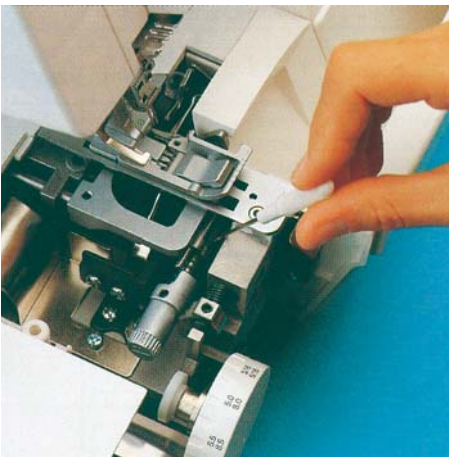
Note:

The machine should be unthreaded when removing the needle plate.



Inserting the needle plate

Place the needle plate to the rear on the guide pin (A) and press down at the front until you hear it click into place.



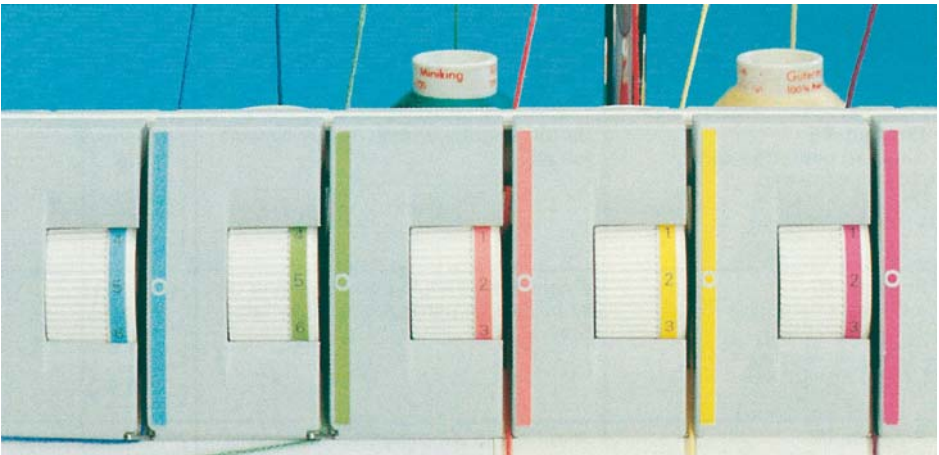
Securing the upper blade

Switch off the electrical power

It is recommended to secure the movable upper blade **23** before sewing heavy fabrics. Raise the needle(s) to its highest position and open the swivel plate. Tighten the screw fully using the Allen key. This screw should always be slightly loosened again after sewing heavy fabrics.

Note:

The seam width can no longer be adjusted once the upper blade is secured.











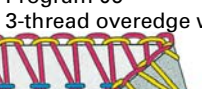

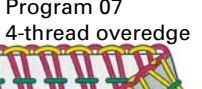

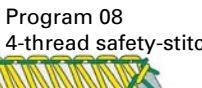

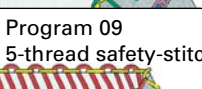



Setting thread tension

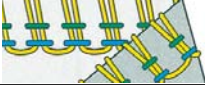

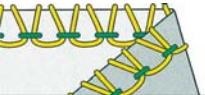



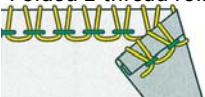











The following pages contain directions for setting thread tensions for all programs. Adjust the tension by turning the tensioning wheel until the dot marker is at the desired setting.

The settings for adjusting thread tension are recommendations. Fabric type, thread quality and needle gauge will influence seam results. Always sew off a test seam onto a piece of scrap fabric and check the thread loops. Adjust the thread tension if necessary.

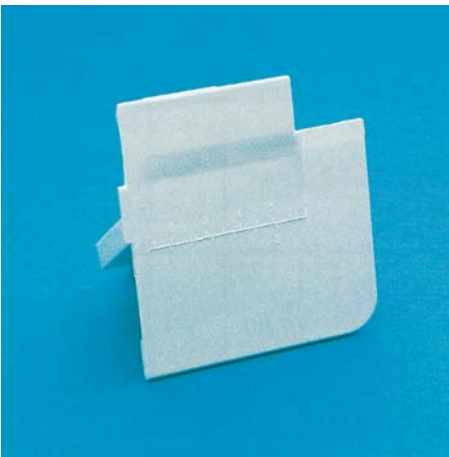
Adjusting the tension settings is described on pages 46 to 56.

Program	Application	Needle position	Stitch length	Stitch width
Program 01 2 thread chainstitch 	Joining fabric layers where a traditional pressed open seam is required. Also works well as a basting stitch for test fitting garments.		3-4	3.5
Program 02 Cover stitch 	Sewing hems and fancy stitches.		3-4	3.5
Program 03 2-thread flatlock, narrow 	Serging light fabrics. Joining stretch fabrics with a flatlock seam.		2	5.5
Program 04 2-thread flatlock, wide 	Serging medium heavy fabrics. Joining stretch fabrics with a flatlock seam.		2	5.5
Program 05 3-thread overedge narrow 	Serging light (easily frayed) fabrics.		2	5.5
Program 06 3-thread overedge wide 	Serging tightly woven (easily frayed) fabrics.		3	5.5
Program 07 4-thread overedge 	Joining and simultaneous serging of all fabrics, in particular stretchy fabrics.		2.5	5.5
Program 08 4-thread safety-stitch seam 	Joining and simultaneous serging of tightly woven fabrics.		3	8.5
Program 09 5-thread safety-stitch seam 	Joining and simultaneous serging of tightly woven fabrics.		3	8.5

Stitch width latch 22 ■ = top □ = bottom	Looper disengaging level 9	Power table 50 ● = with ○ = without	Converter 28 ■ = with □ = without	Thread tension <small>The values refer to medium-heavy fabrics and normal polyester thread</small>				
				blue	green	pink	yellow	violet
□	▼	●	□	5.0				2.0
□	▼	●	□	6.0	6.0			1.0
■	▲	○	■		1.5		5.0	
■	▲	○	■	1.5			5.5	
■	▲	○	□		4.0	3.0	2.0	
■	▲	○	□	5.0		2.0	2.0	
■	▲	○	□	5.0	4.0	2.0	2.0	
■	▲	○	■	5.0	1.5		5.5	2.0
■	▲	○	□	5.0	5.0	2.0	2.0	2.0

Program	Application	Needle position	Stitch length	Stitch width
Program 10 2-needle, 3-thread assembly seam 	Joining and simultaneous serging of light, very stretchy fabrics.		2	5.5
Program 11 2-thread serging, narrow 	Serging light fabrics.		1.5	5.5
Program 12 2-thread rolled hem 	Serging very light fabrics. Decorative edges.		1-2	5.5
Program 13 Folded 2-thread rolled hem 	Serging very light fabrics. Decorative edges.		1-2	5.5
Program 14 3-thread rolled hem 	Serging light to medium-heavy fabrics. Decorative edges.		1-2	5.5
Program 15 Folded 3-thread rolled hem 	Serging light to medium-heavy fabrics. Decorative edges.		1-2	5.5
Program 16 3-thread flatlock, narrow 	Serging medium heavy fabrics. Joining stretch fabrics with a flatlock seam and decorative edges.		1.5	5.5
Program 17 3-thread serging, wide 	Serging tightly woven (non-fraying) fabrics.		2	5.5
Program 18 3-thread flatlock, wide 	Joining stretch fabrics with a flatlock seam and decorative edges.		2	5.5

Stitch width latch 22 ■ = top □ = bottom	Looper disengaging level 9 ▲	Power table 50 ● = with ○ = without	Converter 28 ■ = with □ = without	Thread tension <small>The values refer to medium-heavy fabrics and normal polyester thread</small>				
				blue	green	pink	yellow	violet
■	▲	○	■	5.0	4.0		1.0	
■	▲	○	■		4.0		1.0	
□	▲	○	■		1.5		6.0	
□	▲	○	■		4.0		4.0	
□	▲	○	□		5.0	4.0	3.0	
□	▲	○	□		5.0	2.5	7.5	
■	▲	○	□		1.5	2.0	6.0	
■	▲	○	□	7.0		0.5	8.0	
■	▲	○	□	1.0		2.0	7.0	



Important notes on sewing with the cover stitch

The power table is marked with various units of measurement. The upper figures are in cm. The lower figures are in inches.

Note: The hemmer guide H2 is available as an optional accessory. With this optional accessory you can hem your fabric effortlessly without having to press under the hem edge prior to sewing the cover stitch.



To start sewing:

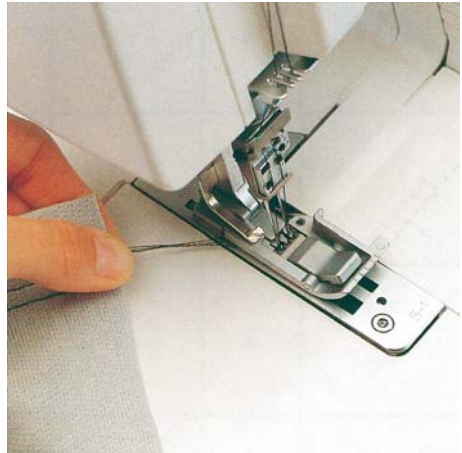
Raise the presser foot and place the fabric under the presser foot so the needles pierce the fabric for the first stitch. Position the fabric at the desired width using the marked guidelines on the power table. When starting to sew, pull the fabric taut towards the rear and sew slowly. The speed may be increased as you sew further along the fabric.



Preparing the fabric:

When not using the H2 optional accessory guide, it is useful to press under the fabric edge before hemming it. The width of fabric to be pressed under must be 0.5 cm wider than the finished hem width. **Example:** Press under a one inch (2.5 cm) fabric width to sew a finished hem of 3/4 inch (2 cm).

Note: Set the seam width at 3.5 cm.



Finishing sewing:

1. When sewing to the end of the fabric:

Tightly hold the threads at the end of the seam. Sew slowly off the fabric while lightly pulling the threads toward the rear of the machine.

Note: The differential feed may need to be adjusted slightly to allow your fabric to lie perfectly smooth. Test your settings first on a piece of scrap fabric.

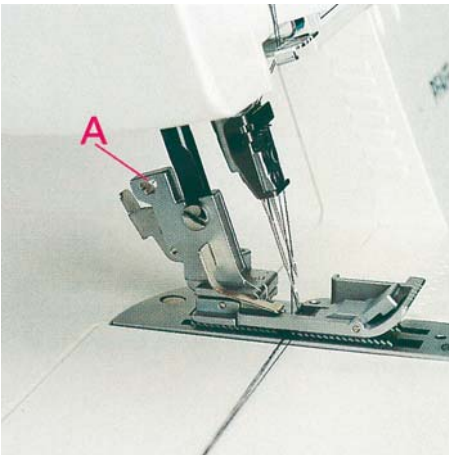


2. If sewing on a tubular item, i.e. pant or sleeve hem:

Sew around tubular item, oversewing 4-5 stitches at the beginning of your seam ' After the last stitch, turn the hand wheel towards you until the needles pierce the fabric and you have heard each needle "click" (just before the needles are in the lowest position).

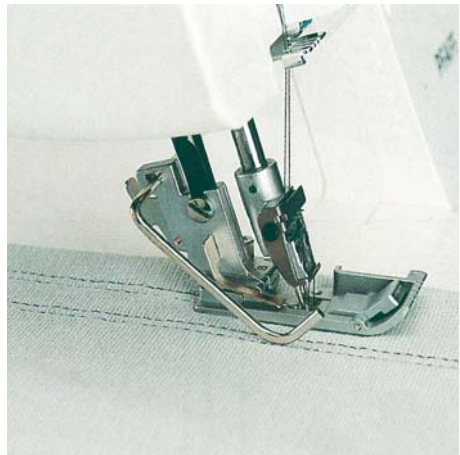


After the second "click" turn the handwheel away from you until the needles are in their highest position. Raise the presser foot (this will release the tension on the threads). Hold the threads tightly at the end of the seam and pull the fabric from the machine. Cut the threads. Pull the threads through to the back of the fabric and knot them.

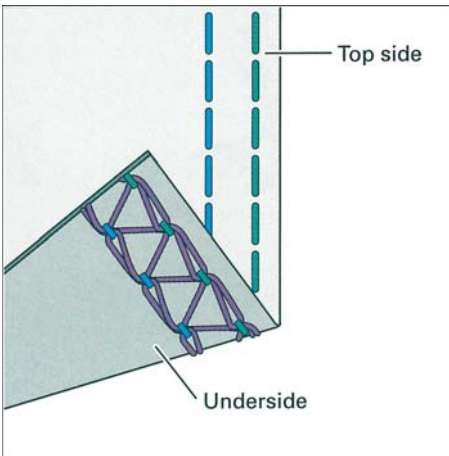


Edge guide

Push the edge guide (included in your accessory box) into the guide holder **A** from the left. The edge guide can be set as required by sliding it to the left or right.



The edge guide is useful for serging seam at regular intervals with the cover stitch or two thread chainstitch.

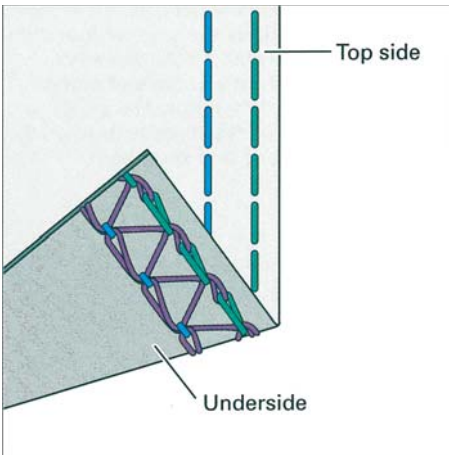


Stitch formation correction measures

cover stitch

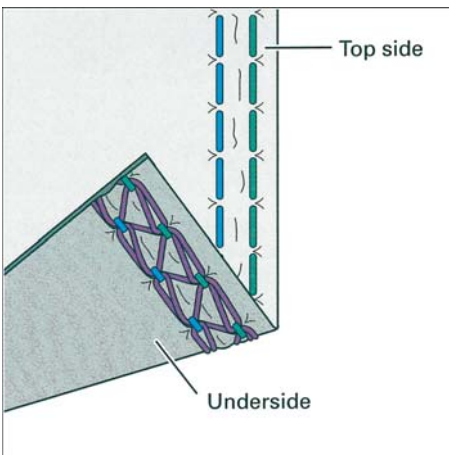
Program 02

When all tensions are correctly set, the needle threads (green and blue) are just slightly visible on the underside of the fabric. The looper thread (violet) is situated loosely in between.



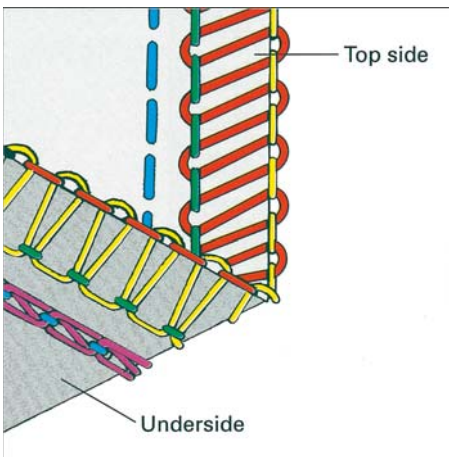
The right needle thread (green) is too loose, causing large loops on the underside of the fabric.

Set the green thread tension to a higher value.



The needle threads (green and blue) are set too tightly causing folds in the fabric.

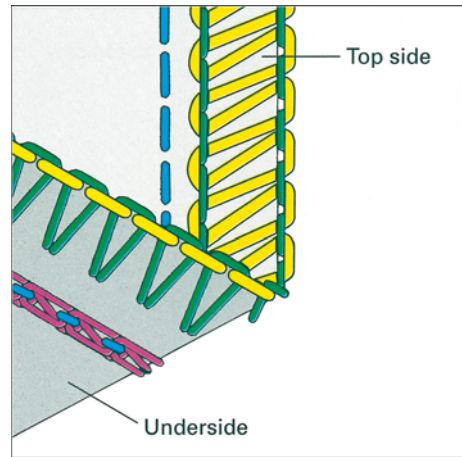
Set the green and blue thread tension to a lower value.



5-thread safety-stitch seam

Program 09

Since the 5-thread safety stitch seam consists of the **2-thread chainstitch** and the **3-thread overedge seam**, you can refer to the correction possibilities of these seam below and on page 49.

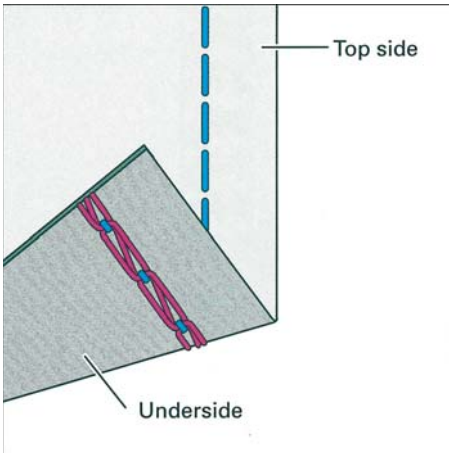


4-thread safety-stitch seam

Program 08

Since the 4-thread safety stitch seam consists of the **2-thread chainstitch** and the **2-thread flatlock**, you can refer to the correction possibilities of these seam below and on page 51.

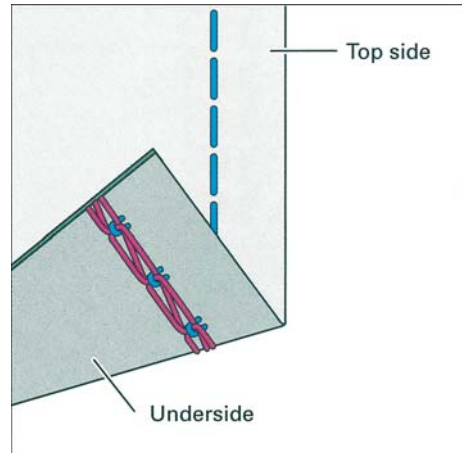
Note: Attach the converter (see page 32), when sewing a 4-thread safety stitch seam.



2-thread chainstitch

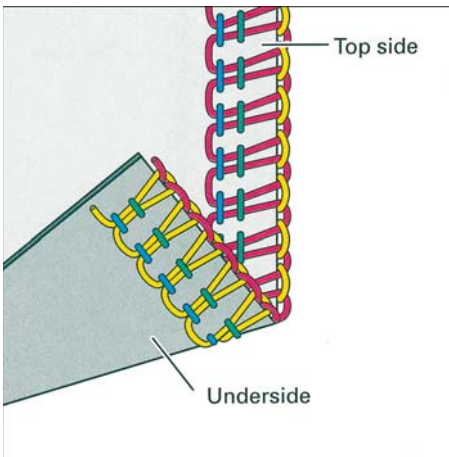
Program 01

When all tensions are correctly set, the needle thread (blue) is just slightly visible on the underside of the fabric.



The needle thread (blue) is too loose, causing larger needle thread loops on the underside of the fabric.

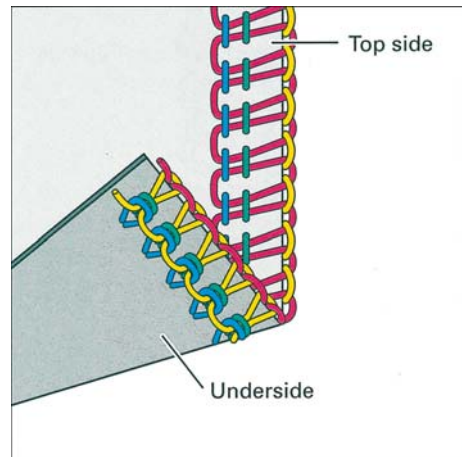
Set the blue thread tension to a higher value.



4-thread overedge seam

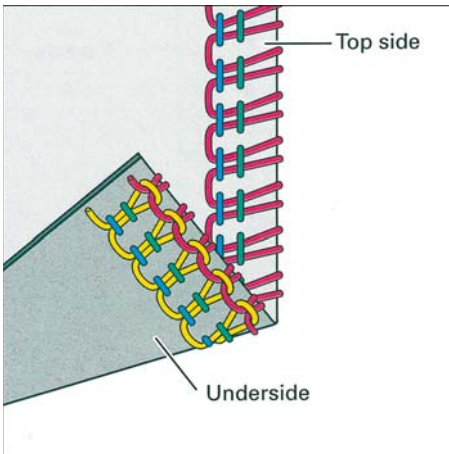
Program 07

When all tensions are correctly set, the loops of both looper threads (pink and yellow) are directly on the edge of the fabric.



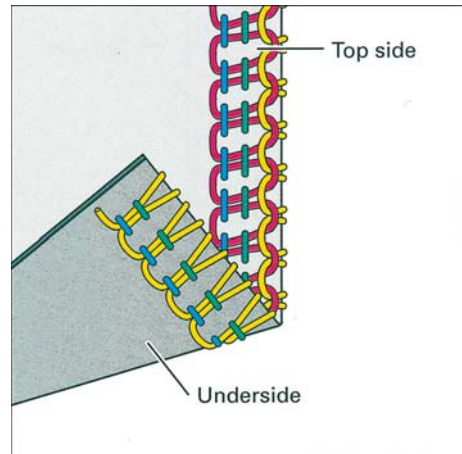
The needle threads (blue and green) are too loose, causing larger loops of needle thread on the underside of the fabric.

Set the blue and green thread tension to a higher value.



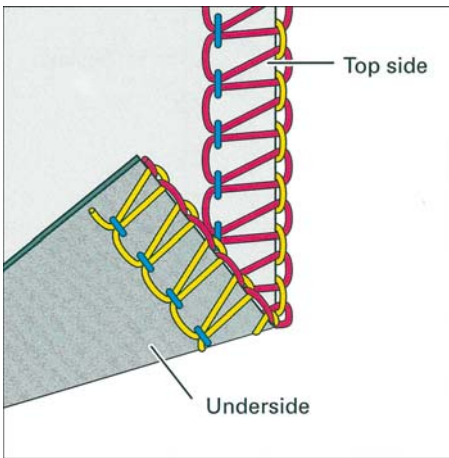
The **upper looper thread** (pink) appears on the underside of the fabric.

Set the pink thread tension to a higher value and/or the yellow thread tension to a lower value.



The **lower looper thread** (yellow) appears on the top side of the fabric.

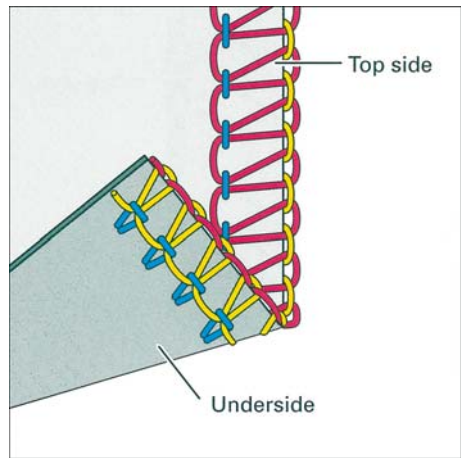
Set the yellow thread tension to a higher value and/or the pink thread tension to a lower value.



**3-thread overedge seam
narrow and wide**

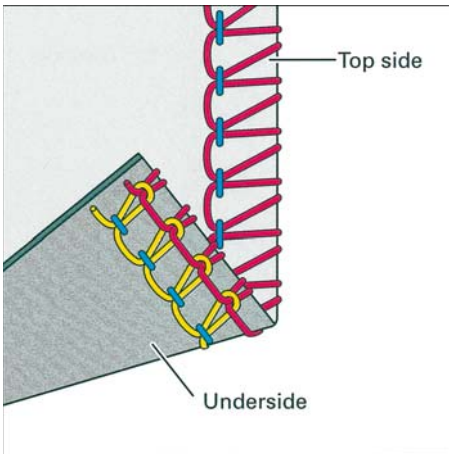
Program 05 and 06

When all tensions are correctly set, the loops of both looper threads (pink and yellow) are directly on the edge of the fabric.



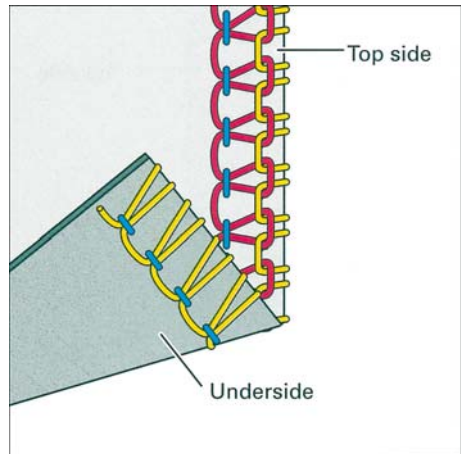
The **needle thread** is too loose, causing loops on the underside of the fabric.

Set the relevant needle thread tension to a higher value.



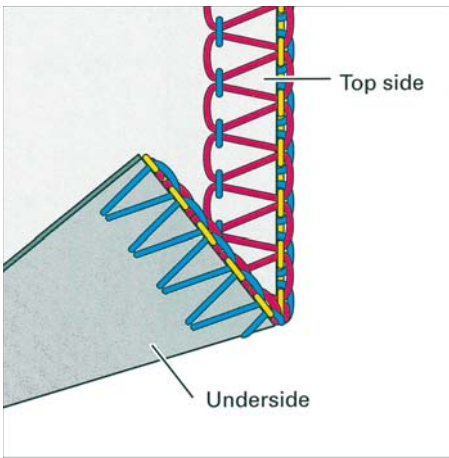
The **upper looper thread** (pink) appears on the underside of the fabric.

Set the pink thread tension to a higher value and/or the yellow thread tension to a lower value.

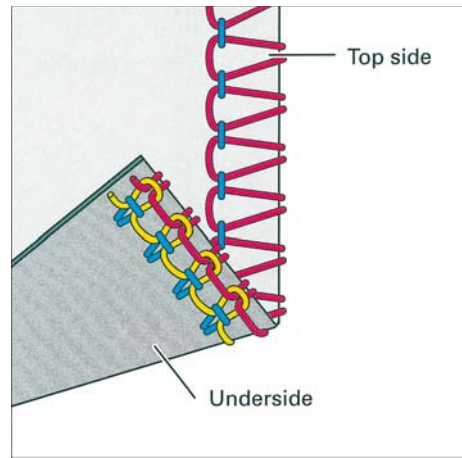


The **lower looper thread** (yellow) appears on the top side of the fabric.

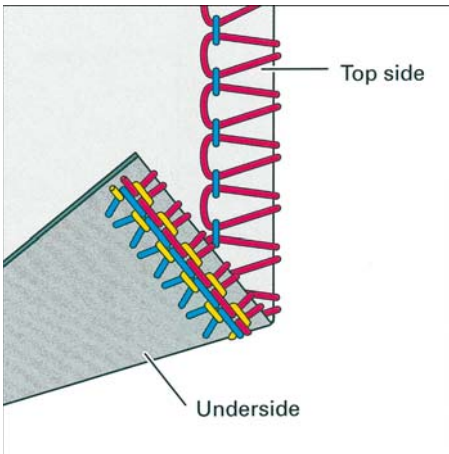
Set the yellow thread tension to a higher value and/or the pink thread tension to a lower value.



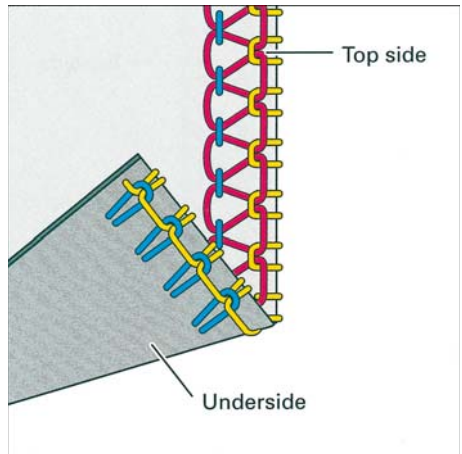
**3-thread flatlock
narrow and wide
Program 16 and 18**



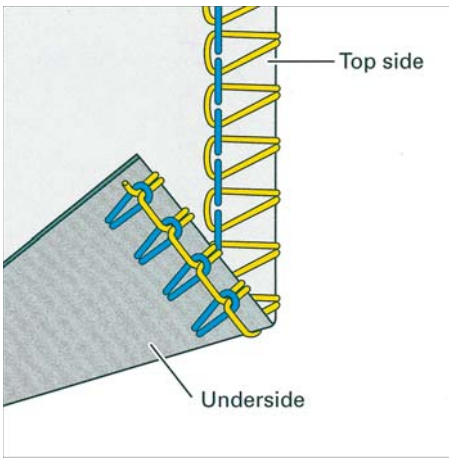
The **needle thread** is too tight.
Set the needle thread tension (blue) to a lower value.



The **upper looper thread** (pink) appears on the underside of the fabric.
Set the pink thread tension to a higher value.



The **lower looper thread** (yellow) is too loose.
Set the yellow thread tension to a higher value.



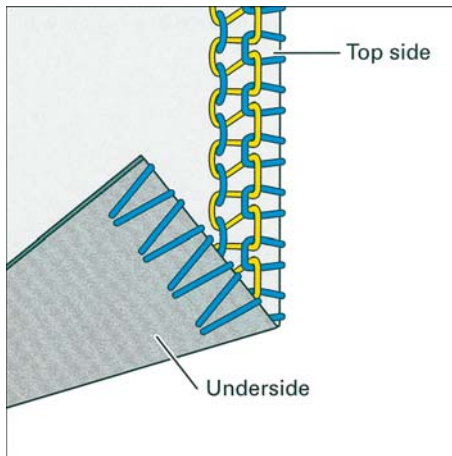
2-thread flatlock

narrow and wide

Program 03 and 04

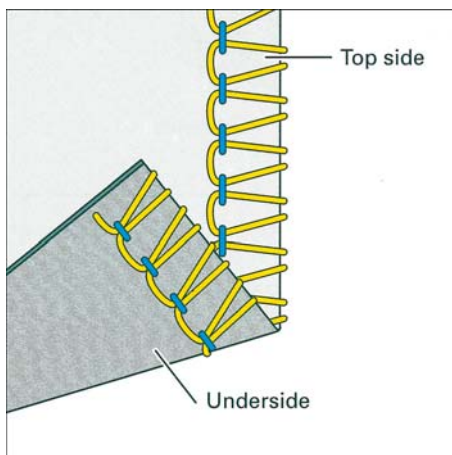
When all tensions are correctly set, the loops of both threads are directly on the underside of the fabric.

Note: The converter (see page 32) must be attached to sew the 2-thread flatlock seam.



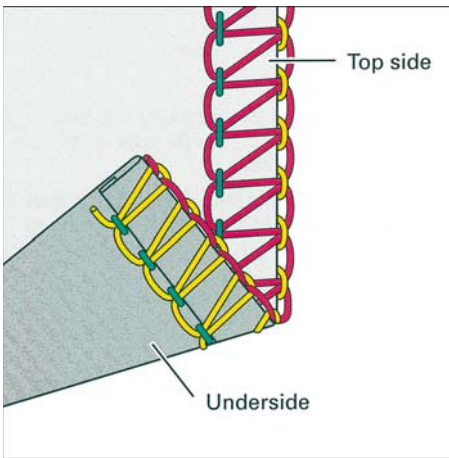
The needle thread is too loose or the lower looper thread (yellow) is too tight.

Set the relevant needle thread tension to a higher value and/or the yellow thread tension to a lower value.

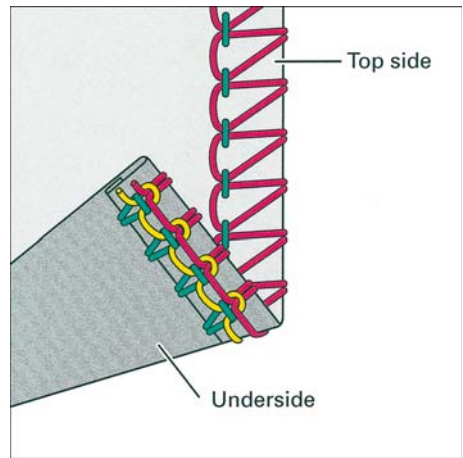


The **lower looper thread** (yellow) is too loose and/or the needle thread is too tight.

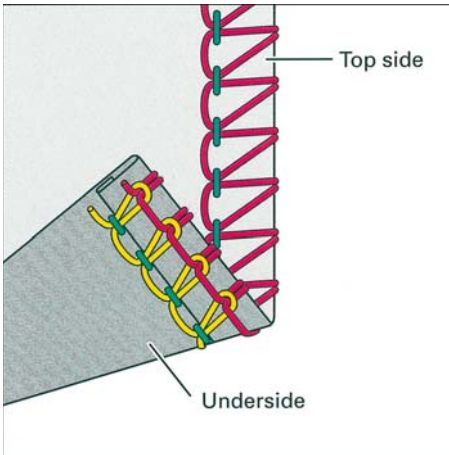
Set the yellow thread tension to a higher value and/or the relevant needle thread tension to a lower value.



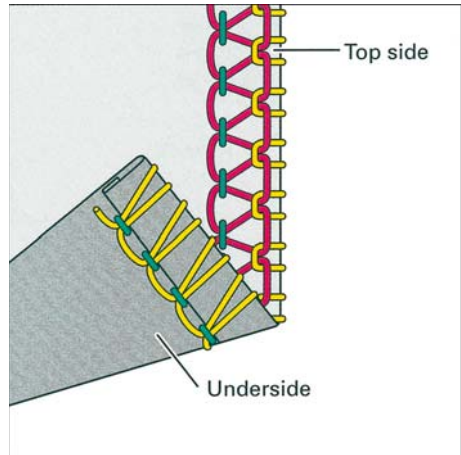
3-thread rolled hem
Program 14



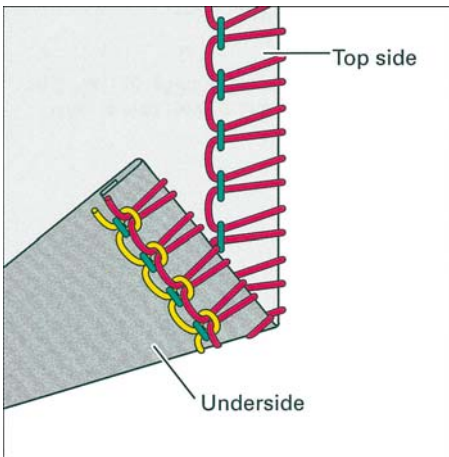
The **upper needle thread** (green) is too loose.
 Set the green thread tension to a higher value



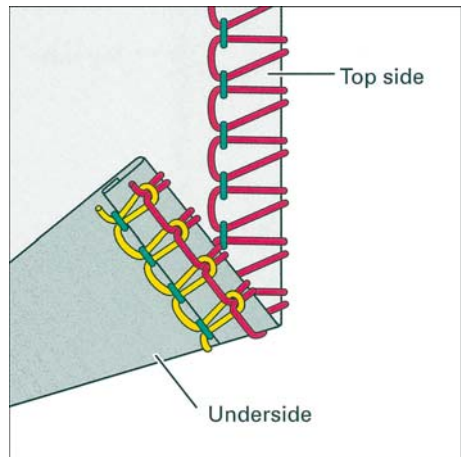
The **upper looper thread** (pink) appears on the underside of the fabric.
 Set the pink thread tension to a higher value and/or the yellow thread tension to a lower value.



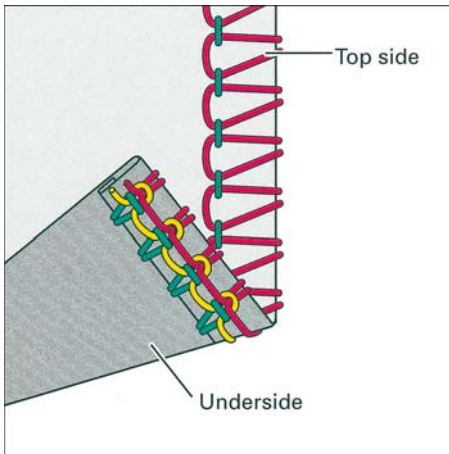
The **lower looper thread** (yellow) appears on the top side of the fabric.
 Set the yellow thread tension to a higher value and/or the pink thread tension to a lower value.



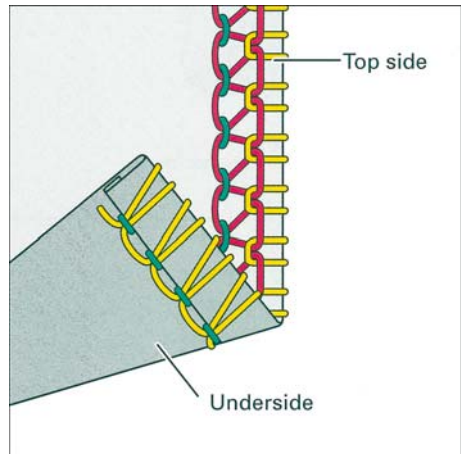
3-thread rolled hem (folded)
Program 15



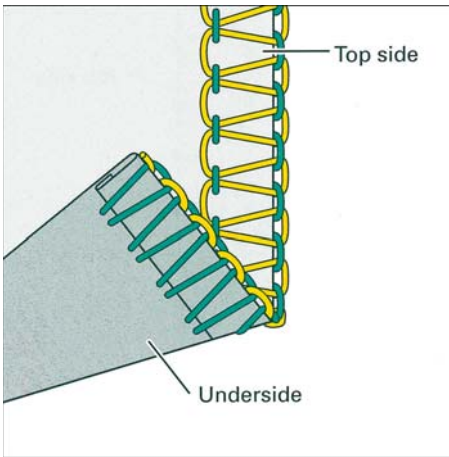
The **upper needle thread** (green) is too loose.
 Set the green thread tension to a higher value.



The **upper looper thread** (pink) only partly loops around the fabric edge.
 Set the pink thread tension to a lower value and/or the yellow thread tension to a higher value.



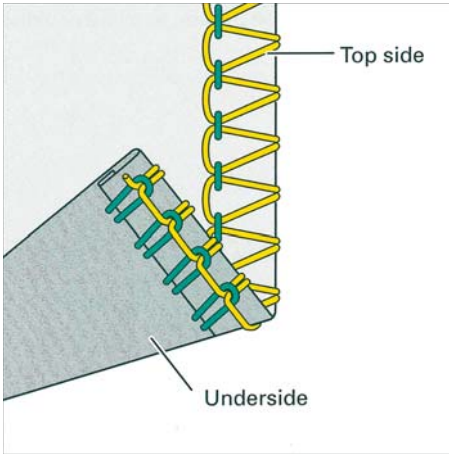
The **lower looper thread** (yellow) appears on the top side of the fabric.
 Set the yellow thread tension to a higher value and/or the pink one to a lower value.



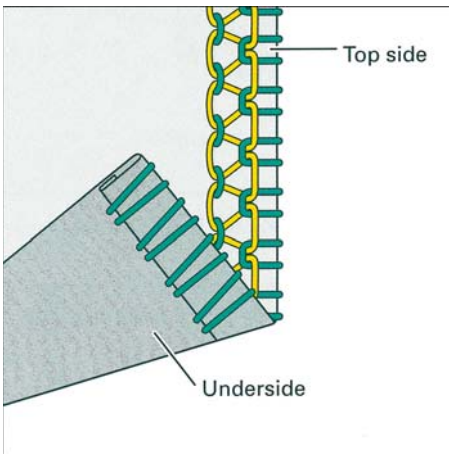
2-thread rolled hem

Program 12

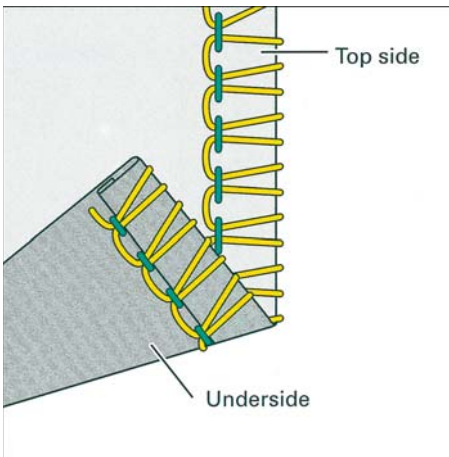
Note: The converter (see page 32) must be attached to sew the 2 thread rolled hem.



The **upper needle thread** (green) is too tight. Set the green thread tension to a lower value and/or the yellow thread tension to a higher value.



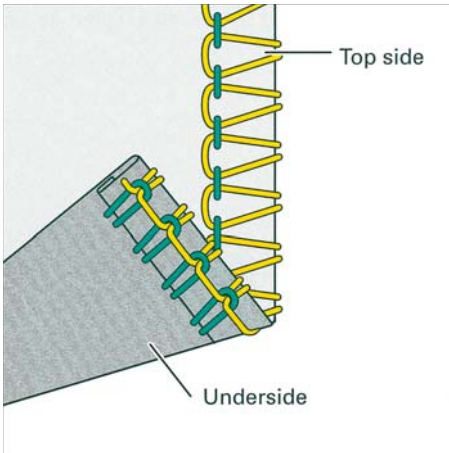
The **lower looper thread** (yellow) is too tight. Set the yellow thread tension to a lower value and/or the green thread tension to a higher value.



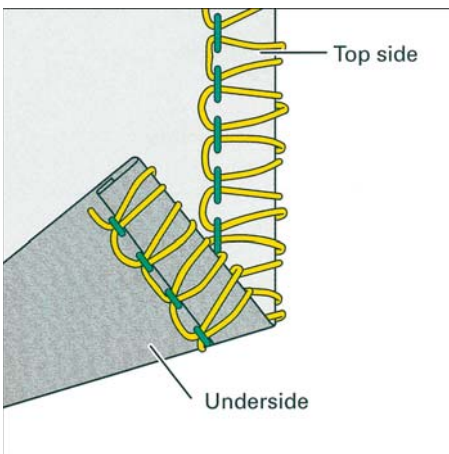
2-thread rolled hem (folded)

Program 13

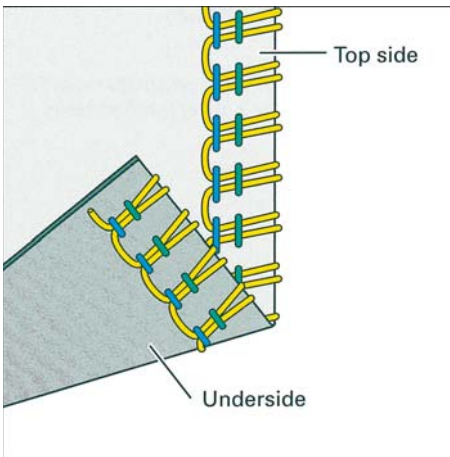
Note: The converter (see page 32) must be attached to sew the 2 thread rolled hem.



The **upper needle thread** (green) is too loose. Set the green thread tension to a higher value and/or the yellow thread tension to a lower value.



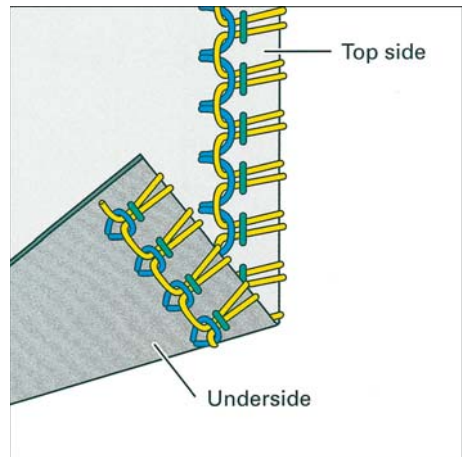
The **lower looper thread** (yellow) is too loose. Set the yellow thread tension too a higher value.



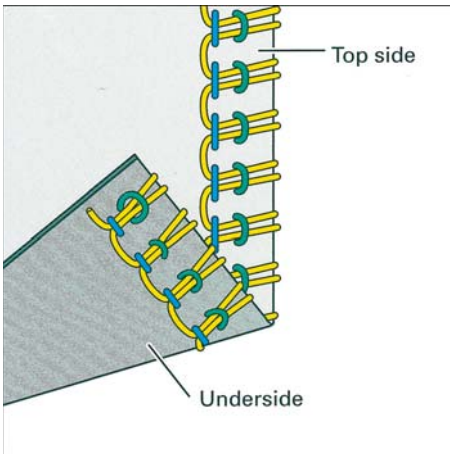
2-needle 3-thread assembly seam

Program 10

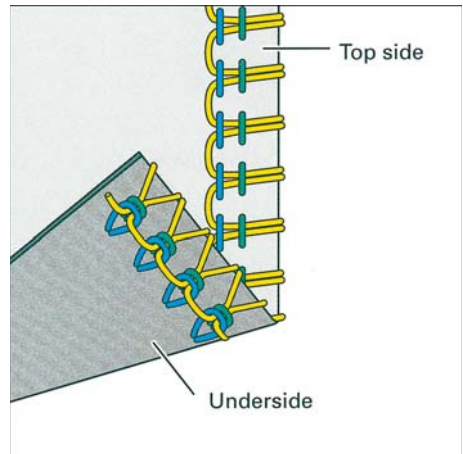
Note: The converter (see page 32) must be attached to sew the 2-needle 3-thread assembly seam.



The **lower needle thread** (blue) is too loose.
Set the blue thread tension to a higher value.



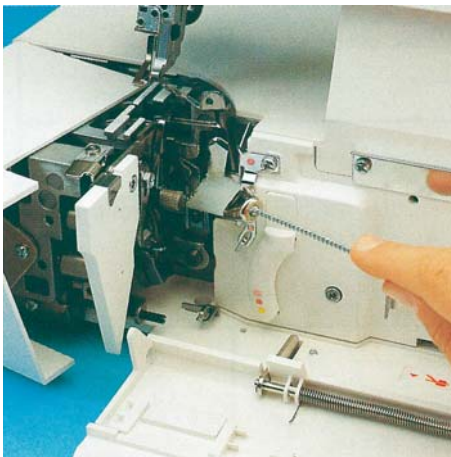
The **upper needle thread** (green) is too loose.
Set the green thread tension to a higher value.



The **lower looper thread** (yellow) is too tight.
Set the yellow thread tension to a lower value.

Thread chart for 2- , 3- and 4-thread overedge seams

Fabric	Thread	Stitch length
Light fabrics: organdy, fine knitwear, taffeta, silk, lining fabrics	Cotton no. 50 - 70 Synthetic thread no. 70 - 140	2.0 - 4.0 mm
Medium heavy fabrics: cotton, tricot, linen, dress fabrics	Cotton no. 40 - 60 Synthetic thread no. 70 - 140	2.0 - 4.0 mm
Heavy fabrics: tweed, suit fabrics, denim, heavy cloth	Cotton no. 30 - 50 Synthetic thread no. 70 - 140	2.0 - 4.0 mm
Knitwear:	Cotton no. 40 - 60 Synthetic thread no. 70 - 140	2.0 - 4.0 mm
2- or 3-thread rolled hems	Polyester thread no. 120 - 140 Mercerized thread (bulk thread)	1.0 - 2.0 mm



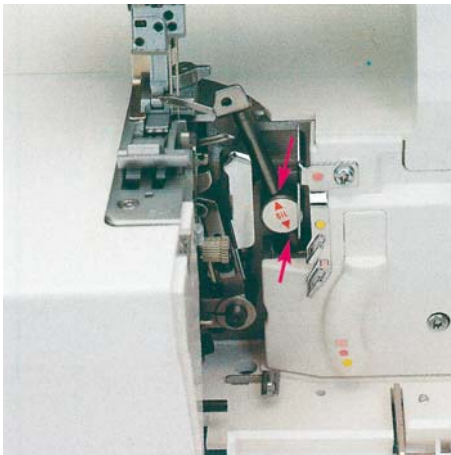
Machine maintenance

Cleaning the machine

Switch off the electrical power

Remove the waste container and open the looper cover and swivel plate. Disengage the upper blade (see page 30) and remove the presser foot and the needle plate.

Use the accessory brush provided to remove any waste thread from the upper and lower blades, the differential feed and the looper area.



Lubricating the machine

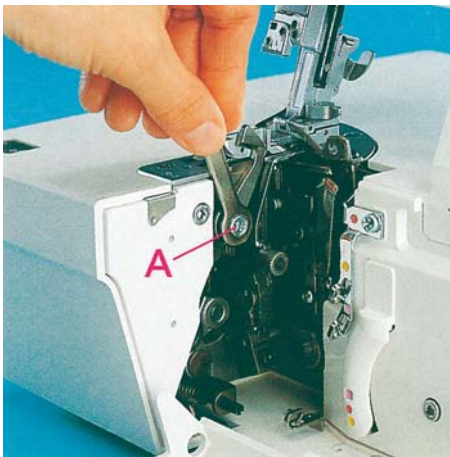
Switch off the electrical power

Move the upper overedge looper into its highest position. Lubricate the points shown above with the oil provided (located in the accessory box) every time you clean the machine. One or two drops of PFAFF sewing machine oil are sufficient. All other parts are manufactured from special materials and do not require any lubrication.



Cleaning the rubber feet

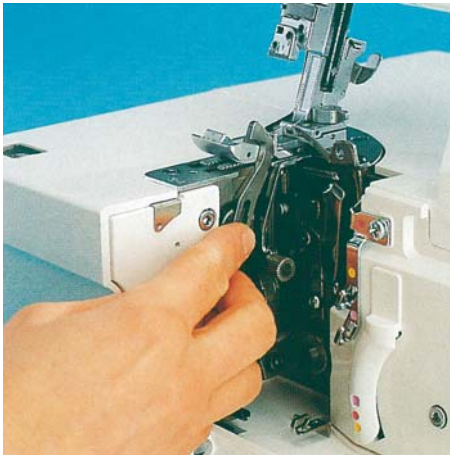
Clean the rubber feet from time to time with alcohol. This ensures good stability.



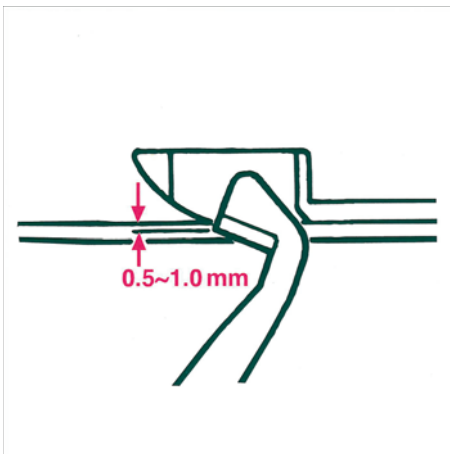
Changing the upper blade

Switch off the electrical power

To remove: Set the adjusting knob for seam width to 3.5 mm. Fasten the upper blade (see page 39) before loosening the fastening screw (A) with the wrench provided in the accessory box. Then remove the upper blade.



To insert: Attach the new upper blade and gently tighten the fastening screw. Then turn the handwheel until the upper blade is in the lowest position.



In this position the front edge of the upper blade must be **0.5 to 1.0 mm lower** than the **cutting edge** of the **lower blade**. When the upper blade has been properly inserted you can fully tighten the fastening screw. Loosen the screw to the movable upper blade.



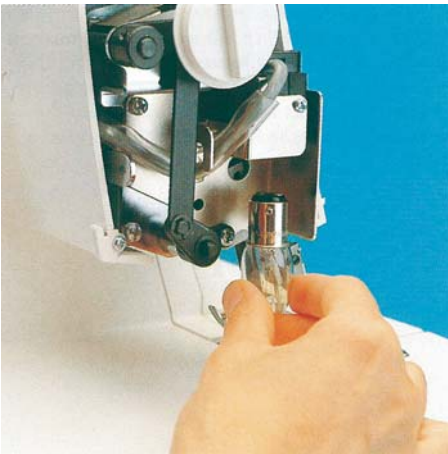
Changing the light bulb

Switch off the electrical power

Using the screw driver in the accessory box loosen the fastening screw to the sewing light cover **16** until the cover can be removed.



Push the light bulb fully into its socket. Rotate counter clockwise through half a turn and remove.



Guide the new light bulb (max. 15 W) into the socket and twist until both pins on the bulb click into place. Press the bulb right into the socket, twisting it clockwise until it is securely fixed.

Replace the sewing light cover and tighten the fastening screw.

Sewing problems and their solutions

This machine has been developed with ease of operation in mind. No difficult or tricky set tings need to be made. Sewing problems of the kind described below may occur as a result of minor adjustment and operating errors. They can be easily adjusted by following the in structions.

Problem	Cause	Solution
Needle breakage	The needle was bent or the point damaged. The needle was not fully inserted. The fabric was pulled too firmly.	Insert new needle (see page 13). Insert needle fully (see page 13). Do not pull on the fabric when sewing.
Thread breaks	Incorrectly threaded. Thread has caught. Thread tension is too tight. Needle not fully insert. Incorrect needle used.	Thread properly (see page 14 - 23). Check if the thread is caught on the spool stand etc. Correct the tension (see page 46 - 56). Insert needle correctly (see page 13). Use needle system EL X 705.
Skipping stitches	Needle bent or point damage. Needle not fully inserted. Incorrect needle used. incorrectly threaded.	Insert new needle (see page 13). Insert needle correctly (see page 13). Use needle system EL X 705. Thread properly (see page 14 23).
Stitch formation faulty	Incorrect setting of thread tension.	Re-set thread tensions (see page 46 - 56).
3- or 4-thread overedge seam has an irregular appearance and the upper looper thread has not interlocked in the seam.	The converter is attached.	The converter must be removed (see page 32).
Machine will not operate although master switch is on.	Power supply interrupted.	Close looper cover (see page 8).
Fabric not neatly trimmed	Waste thread between upper and lower blade Upper blade is blunt.	Clean blades. Replace upper blade (see page 59).
Puckered seams	Thread tension too tight. Incorrect setting of differential feed. Thread has caught due to incorrect threading	Reduce thread tension. Re adjust differential feed (see pages 36, 37). Thread correctly (see pages 14 - 23).
Fabric not fed through evenly	Stitches too short. Sewing foot pressure too low for heavy fabrics. Sewing foot pressure too high for lightweight fabrics.	Increase stitch length (see page 38). Increase sewing foot pressure (see page 28). Reduce sewing foot pressure (see page 28).

Optional accessories

This machine offers a wide range of optional accessories for special serging details. Consult your PFAFF dealer.

Optional accessory	Order No.	Use
Multi-purpose foot M	29 924 993 82-002	Foot, to which guides H1, H2 and H3 can be attached.
Lace and braiding guide H1	29 924 993 82-003	Guide for applying lace or braiding (to the under side of the fabric).
Hemmer guide H2	29 924 993 82-001	Guide for hemming/turns under one inch while serging.
Bias tape guide H3	29 924 993 82-004	Guide for applying bias tape as edging.
Clear foot N	29 924 993 82-006	Presser foot with groove. It can be used together with guide N1.
Fancy stitch guide N1	29 924 993 82-007	For stitching down a double chainstitch or a 3 thread overedge seam and for decorative effects.
Faggoting guide F2	29 924 993 82-008	Guide for edge joining two pieces of fabric with consistent clearance. Use transparent presser foot F from the accessory box.
Lace guide F3	29 924 993 82-005	Guide for applying lace (on the top side of the fabric). Use transparent presser foot F from the accessory box.
Flat-felled-seam guide F4	29 924 993 82-009	Guide for sewing flat-felled seams. Use transparent presser foot F from the accessory box.
Cording foot K	29 924 993 82-011	For serging pintucks with the cording tongue K1 and the guide K2
Cording tongue K1	29 924 993 82-012	For serging pintucks.
Cording guide K2	29 924 993 82-010	For serging pintucks with gimp thread.
Strap and belt loop foot L	29 924 993 82-013	For sewing belt loops and straps, and for ornamental stitches with a cover stitch.
Universal tape binder	29 924 993 82-014	For binding fabric edges with various widths of pre-made bias tape.
Beading foot P	29 924 993 82-015	For serging on beading and sequins.
Bead needle plate P	29 924 993 82-016	The bead needle plate P together with the beading foot P allows you to serge on beading and make a rolled hem simultaneously.

Optional accessory	Order No.	Use
Multi-purpose foot C	29 924 993 82-017	For sewing on bands, elastic tape, elastic thread and fishing line together with the various elastic tape inserts.
Elastic tape insert 7.5 mm	29 924 993 82-034	For sewing on elastic tape with a width up to 7.5 mm.
Elastic tape insert 10 mm	29 924 993 82-035	For sewing on elastic tape with a width from 7.5 mm - 10 mm.
Elastic tape insert 13 mm	29 924 993 82-036	For sewing on elastic tape with a width from 10 mm - 13 mm.
Shirring/ Gathering foot G	29 924 993 82-018	For shirring/gathering and joining two pieces of fabric simultaneously.
Blindstitch foot D	29 924 993 82-019	For serging blind hems and ornamental seams.
Band and braiding foot Q	29 924 993 82-020	For sewing on bands and braiding. Gimp cords and thread and bands with decorative threads can be stitched over using this foot together with guide K2.
Piping and welting foot E	29 924 993 82-028	Presser foot for guiding and sewing in piping and welting.
Accessory holder	29 924 993 82-021	Holder, to which the following accessories together with the retaining screw and the swiveling arm can be attached.
Retaining screw	29 924 993 82-023	For securing the following accessories to the accessory holder.
Edge guide with units of measurement	29 924 993 82-022	For guiding the fabric edge and measuring cut widths and seam widths simultaneously (use the machine's standard presser foot).
Gathering/Shirring tongue	29 924 993 82-027	For gathering/shirring and joining two pieces of fabric simultaneously (use the machine's standard presser foot).
Tape binder 40 mm	29 924 993 82-031	For binding the fabric edge with 40 mm tape. Binding width 10 - 12 mm. (Use the machine's standard presser foot.)
Swiveling arm	29 924 993 82-024	For attaching the following accessories to the accessory holder.
Curved seam guide	29 924 993 82-025	For serging a curved piece to a straight piece of fabric (use the machine's standard presser foot).
Piping and welting accessory	29 924 993 82-030	Together with piping foot E, for binding and guiding piping and gimp between two layers of fabric.

Specifications

Maximum sewing speed	1300 stitches/min.
Seam width	1.4 mm - 9.0 mm
Cover stitch width	5 mm
Stitch length	0.5 mm - 4 mm
Presser foot	exchangeable
Lubrication	manual
Presser foot height	4.5 mm
Overedge stroke	2.0 mm
Needle system	EL X 705, cat no. 2002
Needle size	80/12, 90/14
Number of threads	2,3,4,5
Dimensions (width x height x depth)	355 x 290 x 300 mm
Weight	8.6 kg

Packing contents

- 1 machine
- 1 foot control
- 1 instruction manual/guarantee card
- 1 waste container
- 1 machine cover
- 1 accessory box
- 1 power table



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.

Intellectual property

Patents protecting this product are listed on a label positioned underneath the sewing machine.

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Parts of the coverlock 4852

- 31 Thread guides with color coding
- 32 Telescoping thread guide
- 33 Thread chain cutter
- 34 Thread spool stand
- 35 Thread spool pin
- 36 Cone thread adapter
- 37 Spool disc
- 38 Electrical power master switch
- 39 Machine socket, foot control
- 40 Handwheel
- 41 Regulator wheel for differential feed
- 42 Stitch length adjustment knob
- 43 Presser foot lifter
- 44 Rear thread guides

- 45 Waste container
- 46 Foot control
- 47 Foot control plug for machine
- 48 Power cord
- 49 Accessory box
- 50 Power table

