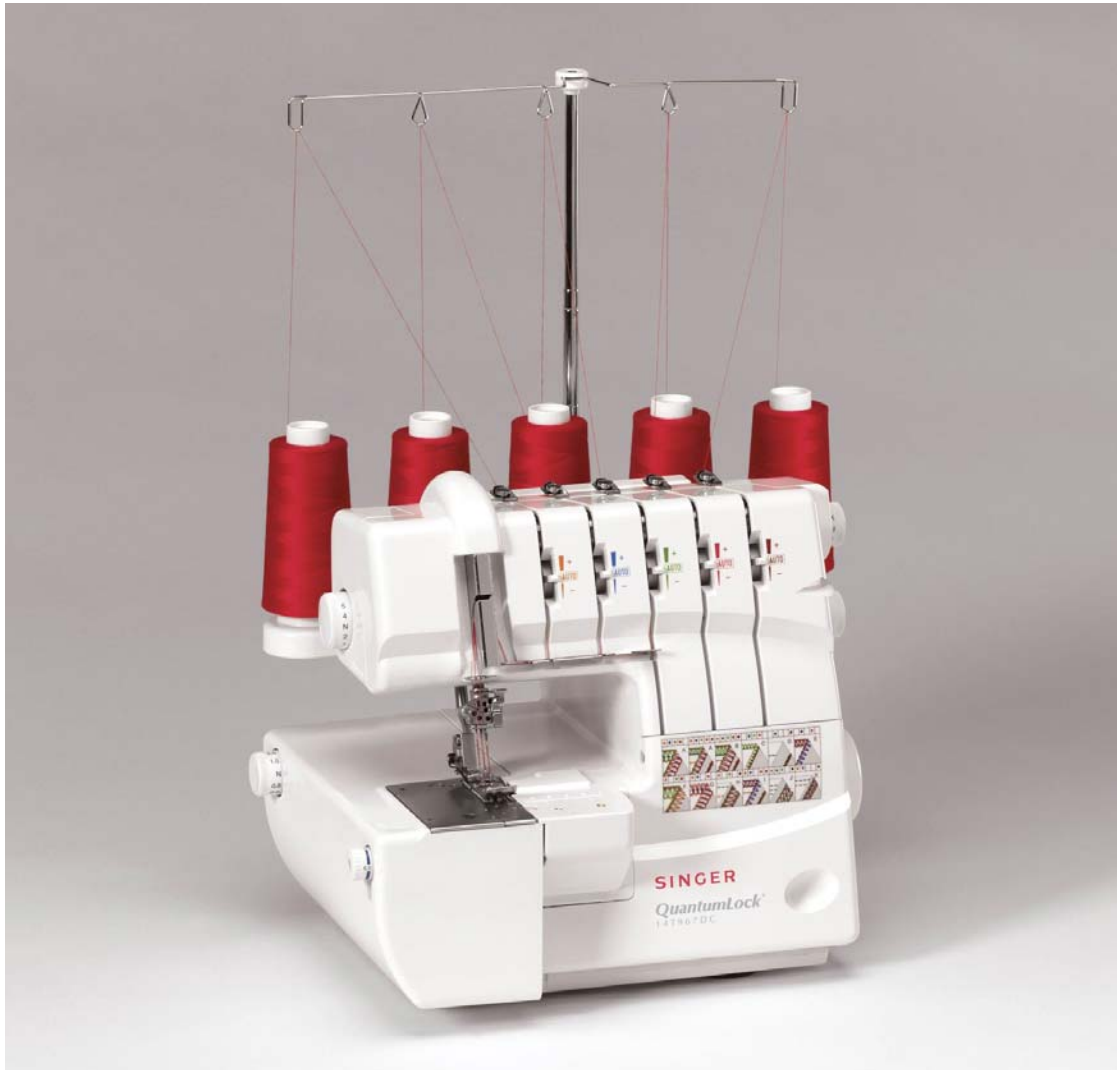


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Three-Thread Overlock

(Narrow, Wide, and Wide
with Decorative Threads)

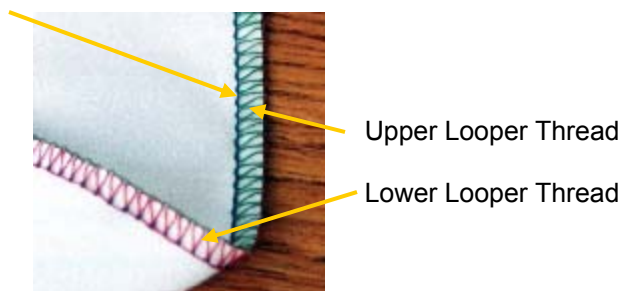


Three-Thread Overlock (Narrow)

The Three-Thread Overlock Stitch is the most commonly used stitch because of its versatility. It provides a wonderful professional seam finish to woven fabrics. It is beneficial in preventing loosely woven fabrics from unraveling. In addition, the Three-Thread Overlock Stitch offers unlimited decorative capabilities. It is recommended for finishing seams but not reinforcing the seam. Use the conventional sewing machine's straight stitch to reinforce the seam. The stitch uses one overedge needles and both the upper looper and lower looper. There are 2 different ways to set up for a Three-Thread Overlock stitch. For a more narrow stitch (4.0) select the Right Overedge needle; for a wider stitch (6.0) the Left Overedge needle is used.

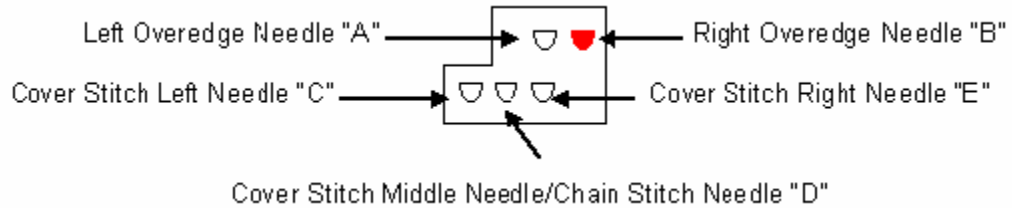


Right Overedge Needle Thread



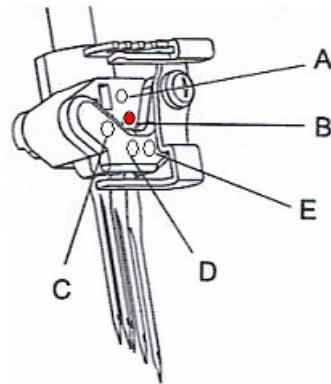
Set up:

Needle:



Set-up:

ATD:	
Auto Tension Dial	"A"
Left Cover Stitch Needle "C"	Unthreaded and Remove Needle
Middle Cover Stitch Needle "D"	Unthreaded and Remove Needle
Right Cover Stitch Needle "E"	Unthreaded and Remove Needle
Overedge Left Needle "A"	Unthreaded and Remove Needle
Overedge Right Needle "B" (Blue)	Threaded
Upper Looper (Green)	Looper Engaged and Threaded
Spreader	Not Used
Lower Looper (Red)	Threaded
Chain Stitch Looper (Brown)	Unthreaded
Upper Knife	Engaged
Seam Guide Plate	Not Installed, use Knife Cover Plate
Seam Width Dial	"N"
Stitch Length Dial	"2"
Presser Foot Pressure	"N"
Differential Feed Dial	"N"
Stitch Finger	"N"



The Three-Thread Overlock makes a great edge finish to a garment's facing.

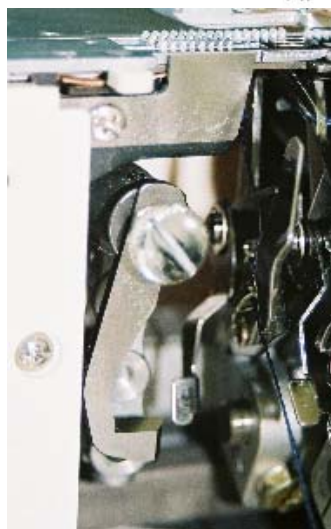
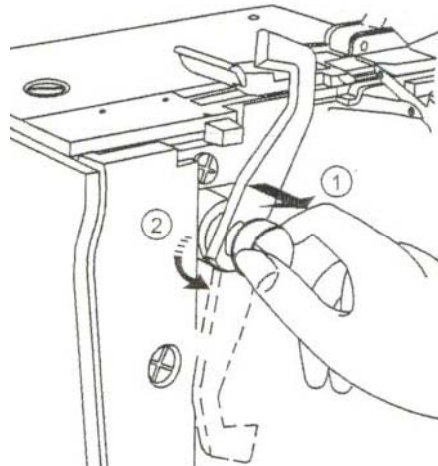


- ◆ Turn Auto Tension Dial to “A”.

- ◆ Turn Stitch Length Dial to “2”.



- ◆ Engage Upper Knife. The knife will not trim the fabric when it is disengaged.
 1. Open Looper Cover.
 2. Pull the movable knife holder (silver screw) to the right as far as it will go.
 3. Turn the holder clockwise until the knife clicks into a lock position.



Upper Knife Disengaged



Upper Knife Engaged

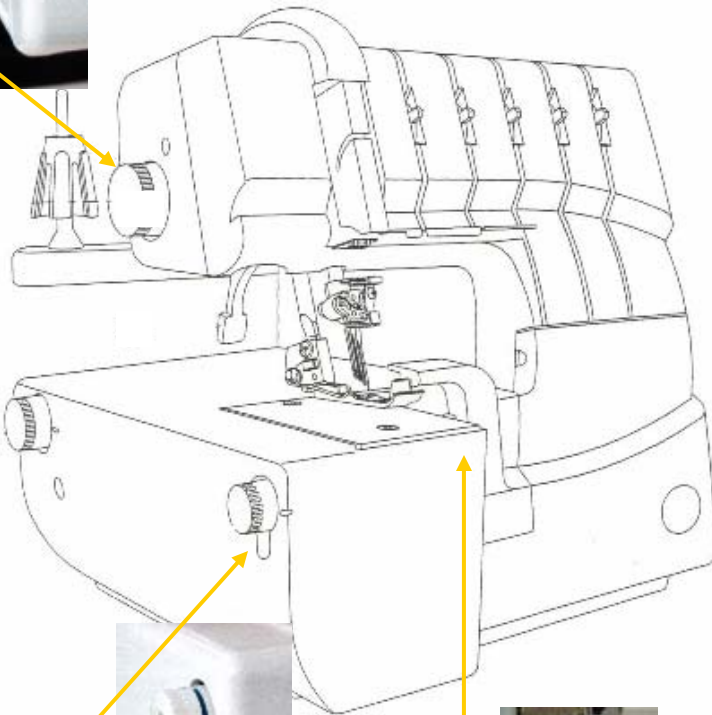
- ◆ Turn Presser Foot Pressure Dial to “N”.



- ◆ Turn Differential Feed Dial to “N”.



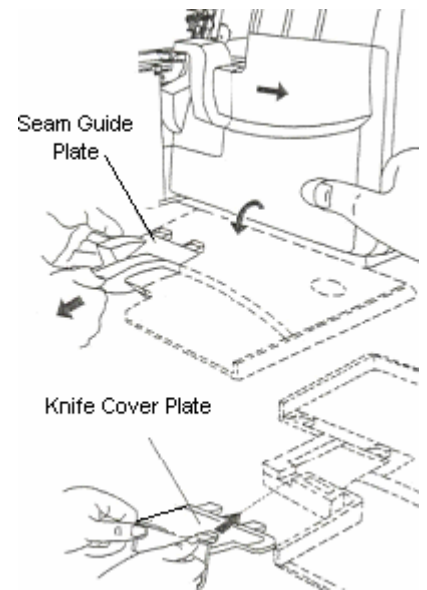
- ◆ Turn Seam Width Dial to “N”.



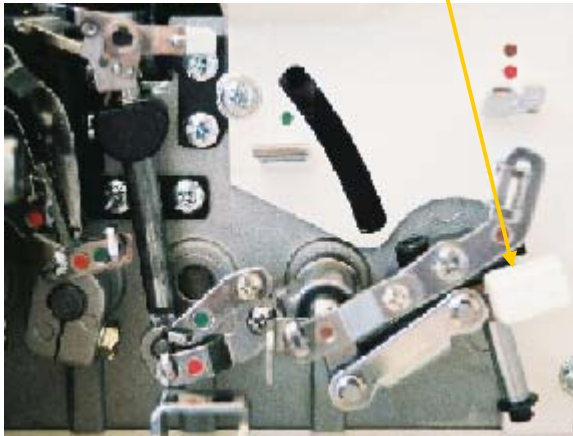
- ◆ Set Stitch Finger to “N”.

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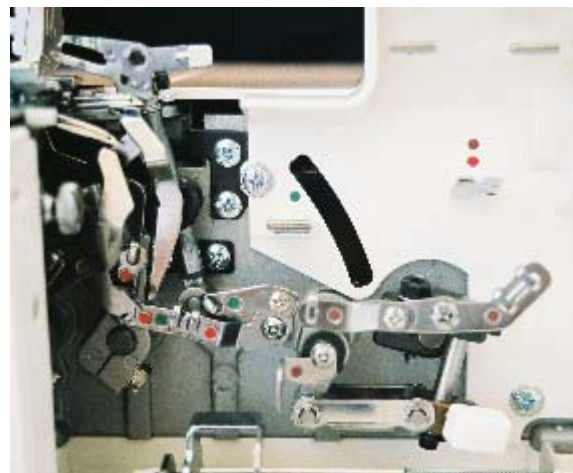
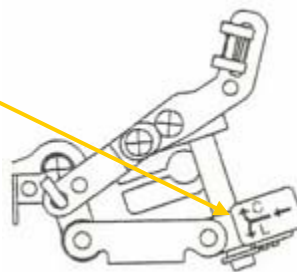
- ◆ Install the Knife Cover.



- ◆ Engage Upper Looper. Engaging the Upper Looper causes the looper move when sewing. Even though the Upper Looper is not threaded it needs to be engaged.
 1. Push the clutch button to the left and down to engage.
 2. Turn handwheel.



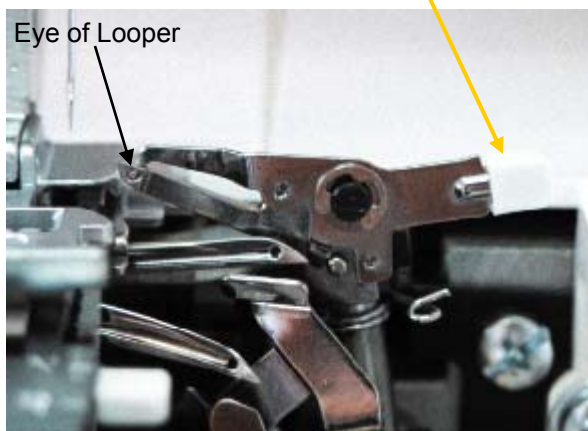
Upper Looper Disengaged



Upper Looper Engaged

- ◆ Disengage Spreader. The Upper Loper has a hole for the thread on the top of the looper. If the stitch requires that the looper be engaged but not threaded, then the Spreader is used. The Spreader simply plugs-in (or closes) the looper's hole. The Spreader is disengaged when the Upper Loper is engaged/operative and threaded. The Spreader is used with a stitch that requires only one looper thread. With the help of the Spreader, the single looper thread wraps around the fabric's edge.

1. Lower the white handle on the Spreader to open the eye of the Upper Loper.



Spreader Engaged

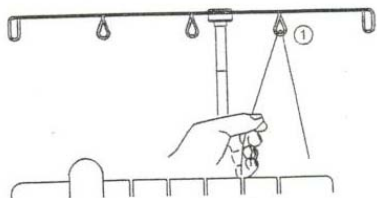


Spreader Disengaged

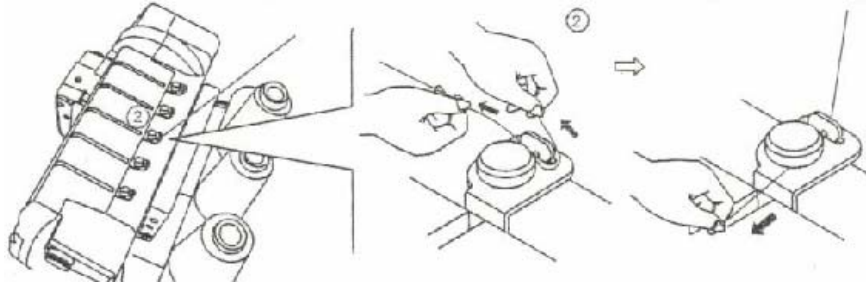
- ◆ Thread Upper Loper with regular overlock thread.

1. Raise the Presser Foot to release the tension disks. Thread the Lower Loper as illustrated 1-9.

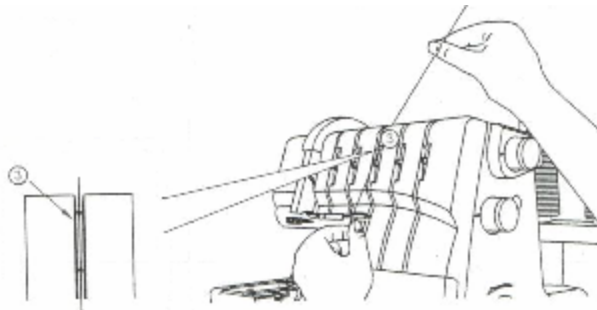
2. Pass thread from back to the front through the thread guide.



3. Thread the top cover thread guide by pulling the thread towards the left until it slips under the guide. Then pull the thread along the right side of the button as illustrated.

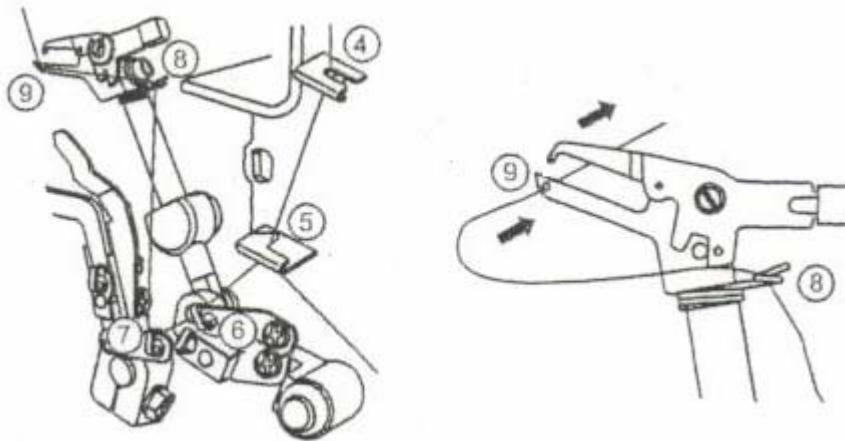


4. While holding the thread, firmly pull the thread between the tension disks.

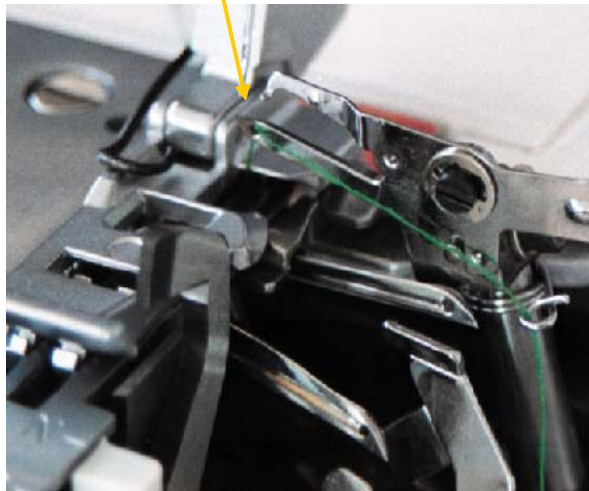


5. Turn the handwheel toward you until the lower looper extends 5-10mm (approximately 1/2") from the needle plate edge.

6. Thread the looper area of the machine following the green color coded thread guides 4-9.

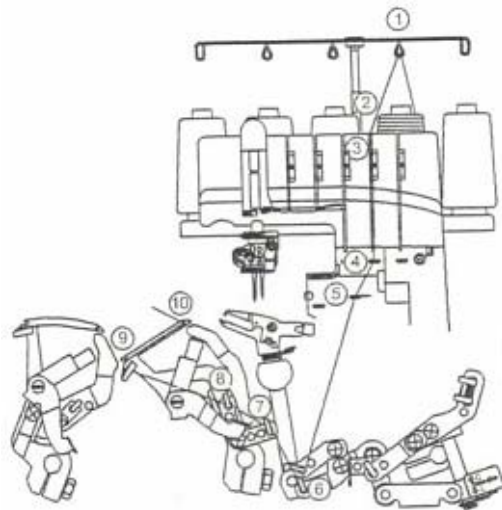
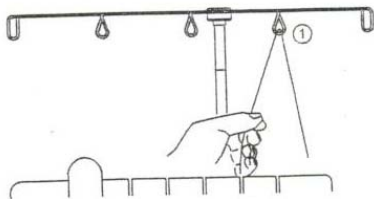


7. Thread the hole in the Upper Looter from front to back ⑨. Pull about 4 inches of thread through the looper and place to the back of the throat plate.

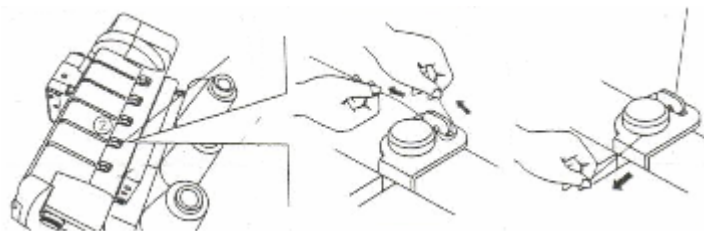


◆ Thread Lower Looter with regular overlock thread.

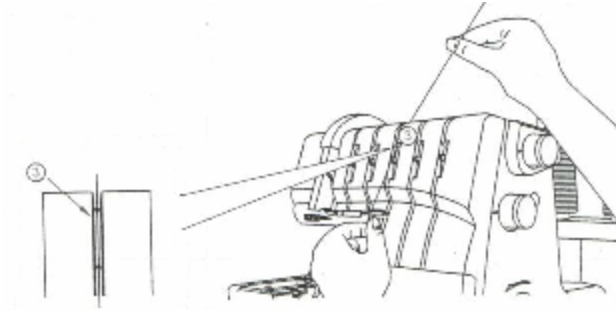
1. Raise the Presser Foot to release the tension disks. Thread the Lower Looter as indicated 1-10.
2. Pass thread from back to the front through the thread guide ①.



3. Thread the top cover thread guide by pulling the thread towards the left until it slips under the guide. Then pull the thread along the right side of the button as illustrated.

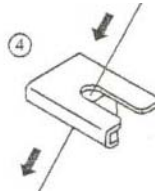


4. While holding the thread, firmly pull the thread between the tension disks.

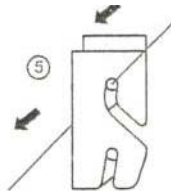


5. Turn the handwheel toward you until the lower looper extends 5-10mm (approximately 1/2") from the needle plate edge.
6. Thread the looper area of the machine following the red color coded thread guides 4-10.

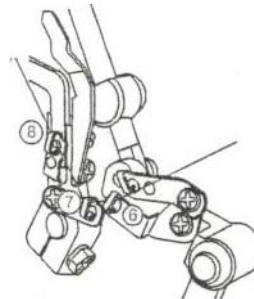
7. Place the thread slightly from left and to the right of threading guide ④.



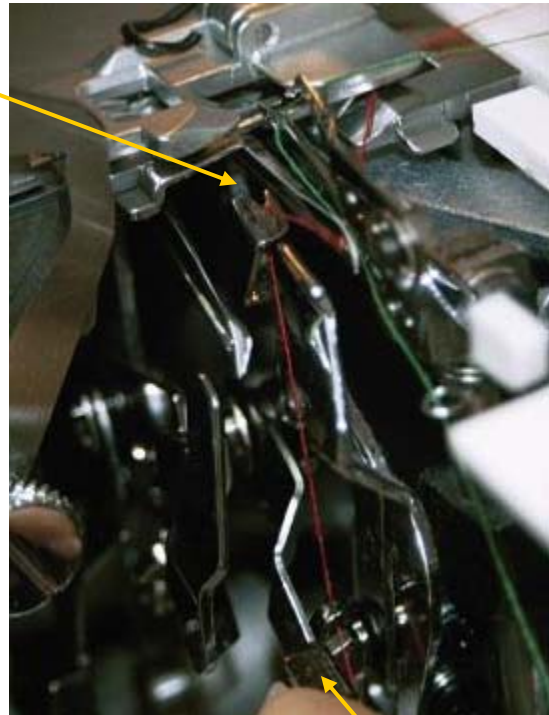
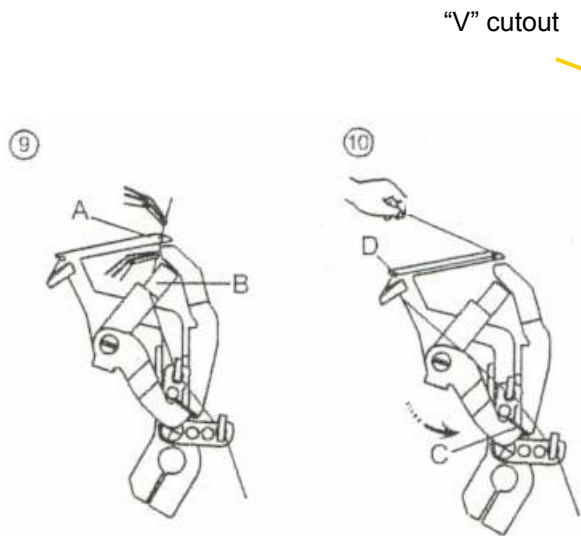
8. Place the thread slightly from the front and to the back of threading guide ⑤.



9. Place the thread through ⑥, ⑦ and ⑧.



10. Thread the looper eye (A) from front to back. Pull about 4 inches of thread. Position thread into V cutout (B) on threader. Firmly hold thread tail with left hand and pull Threader Lever (C) up into place (D).



Threader Lever

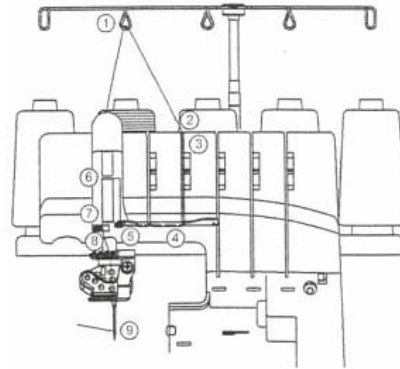
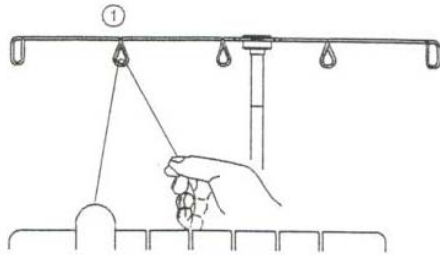


NOTE: Make sure the Upper Looper thread is behind the Lower Looper thread.

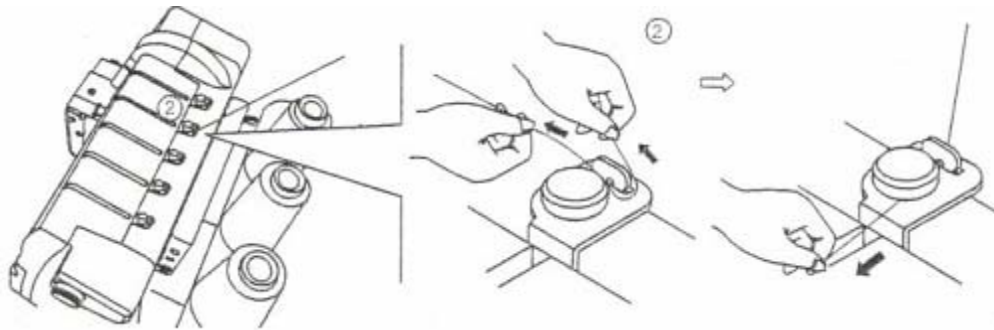
◆ Thread Right Overedge needle with regular thread.

1. Raise the Presser Foot to release the tension disks. Thread the right needle as indicated 1-9.

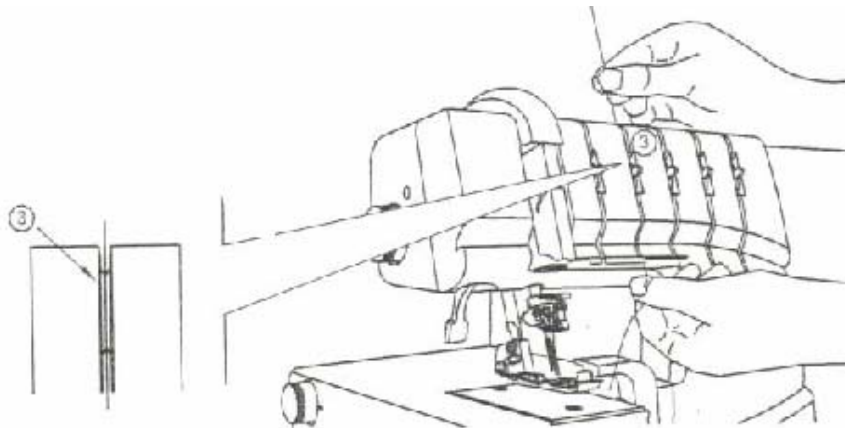
2. Pass thread from back to the front through the thread guide ①.



3. Thread the top cover thread guide by pulling the thread towards the left until it slips under the guide. Then pull the thread along the right side of the button as illustrated.

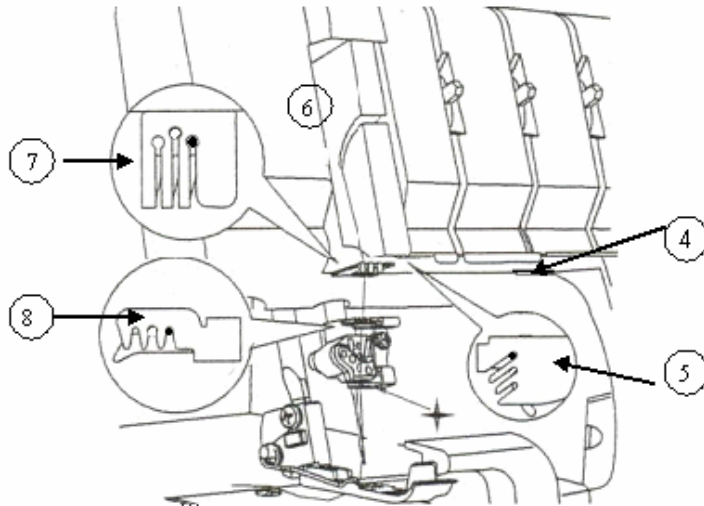


4. While holding the thread firmly, pull the thread between the tension disks.

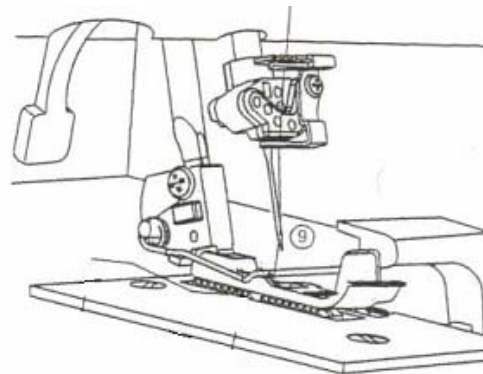
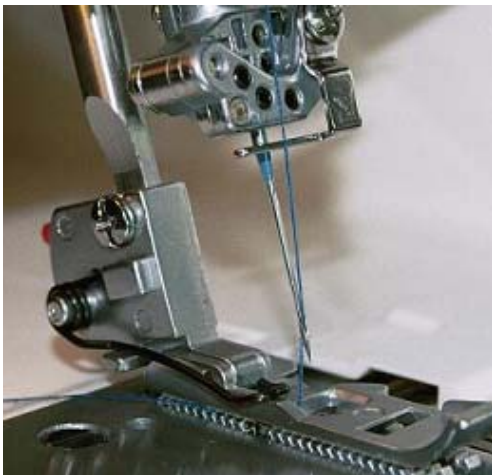


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5. Continue to thread points 4-8. Slip the thread into the rear slot of the thread guide ⑤. Go over the take up lever ⑥. Continue by slipping the thread into the right slot of the thread guides ⑦ and ⑧.
8. Before threading the eye of the needle, make sure the thread is behind the thread guide located on the bottom of the needle clamp.



9. Draw about 4 inches of the thread through the needle eye towards the back of the machine.
10. Place the thread to the back, under the Presser Foot.



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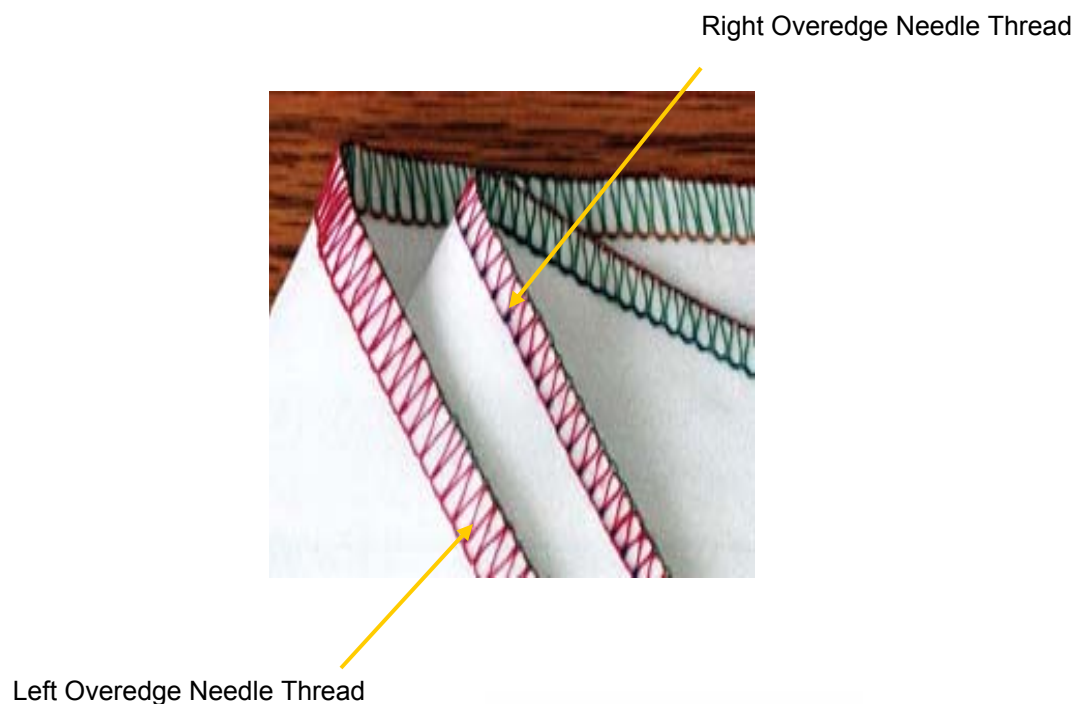
Try It:

- ◆ Align one piece of medium weight fabric so that the knife just slightly trims the fabric edge.
- ◆ Sew.
- ◆ Align a second piece of medium weight fabric so that the knife just slightly trims the fabric edge.
- ◆ Place the two fabrics, right sides together.
- ◆ Using a conventional sewing machine, sew a straight stitch with a $\frac{5}{8}$ inch seam.
- ◆ Press the seam open.



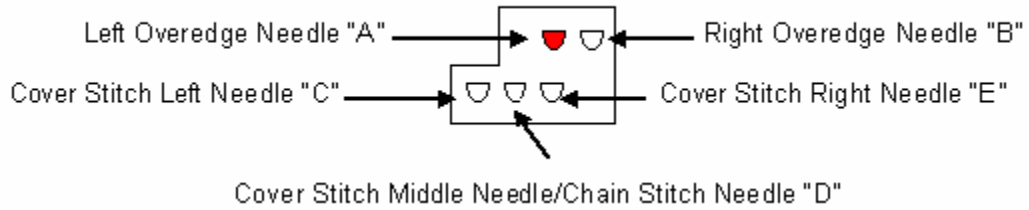
Three-Thread Overlock (Wide)

The Three-Thread Overedge (wide) has the same set up as the Three-Thread Overedge (narrow) Stitch. The only exceptions are the Right Overedge Needle is now unthreaded and removed and the Left Overedge Needle is threaded. By using the left needle the stitch becomes wider. The other exception is the Auto Tension Dial is turned to "B".



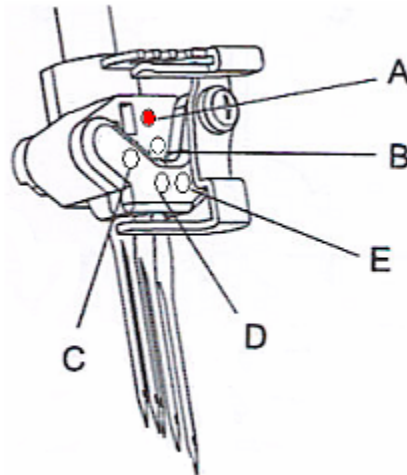
Set up:

Needle:



Set-up:

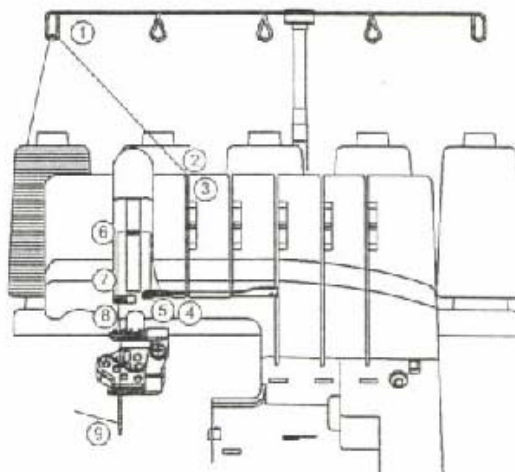
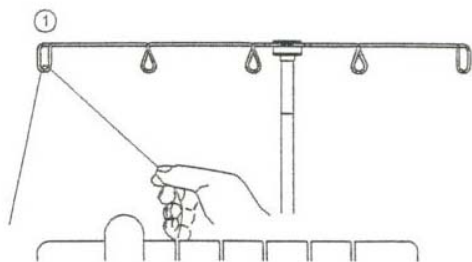
ATD: Auto Tension Dial	"B"
Left Cover Stitch Needle "C"	Unthreaded and Remove Needle
Middle Cover Stitch Needle "D"	Unthreaded and Remove Needle
Right Cover Stitch Needle "E"	Unthreaded and Remove Needle
Overedge Left Needle "A" (Orange)	Threaded
Overedge Right Needle "B"	Unthreaded and Remove Needle
Upper Loper (Green)	Looper Engaged and Threaded
Spreader	Disengaged
Lower Loper (Red)	Threaded
Chain Stitch Loper (Brown)	Unthreaded
Upper Knife	Engaged
Seam Guide Plate	Not Installed, use Knife Plate Cover
Seam Width Dial	"N"
Stitch Length Dial	"2"
Presser Foot Pressure	"N"
Differential Feed Dial	"N"
Stitch Finger	"N"



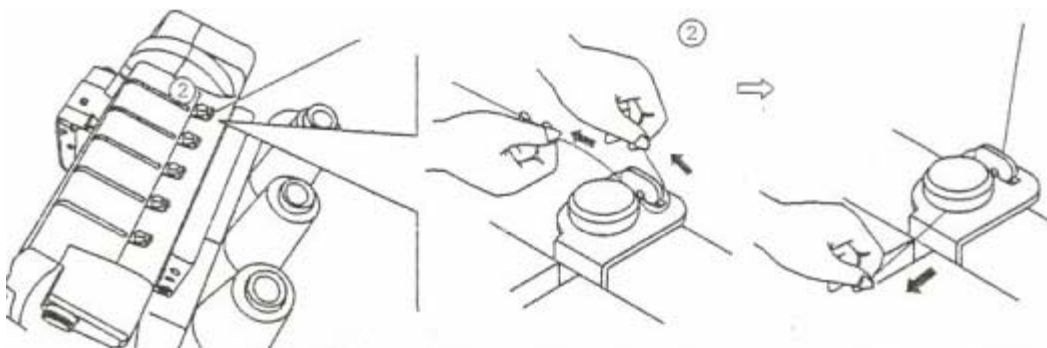
◆ Thread Left Overedge needle with regular thread.

1. Raise the Presser Foot to release the tension disks. Thread the left needle as illustrated 1-9.

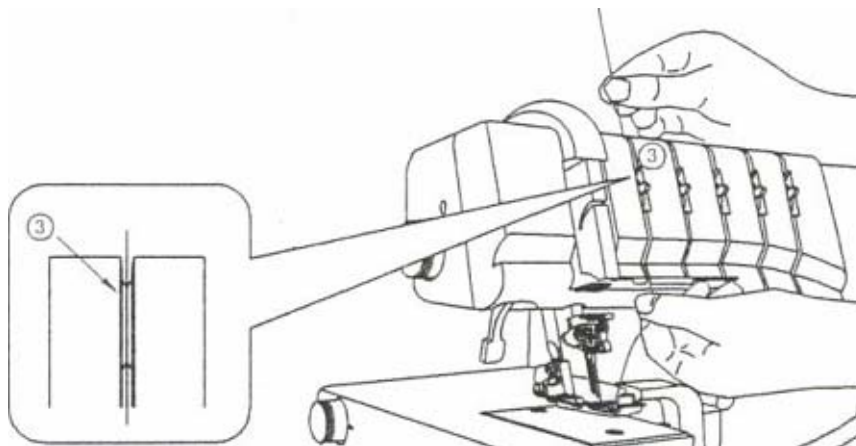
2. Pass thread from back to the front through the thread guide.



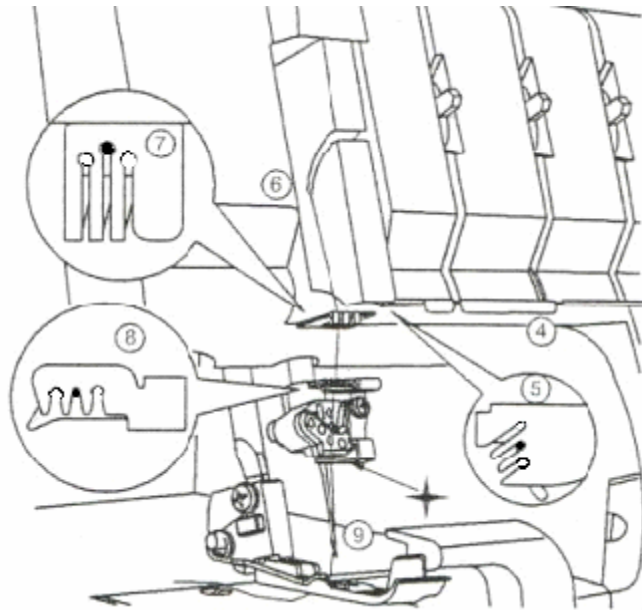
3. Thread the top cover thread guide by pulling the thread towards the left until it slips under the guide. Then pull the thread along the right side of the button as illustrated.



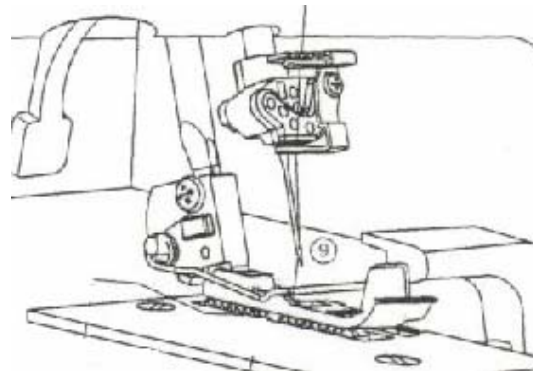
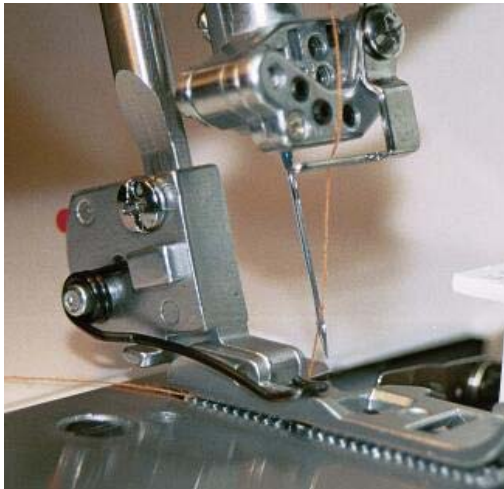
4. While holding the thread firmly, pull the thread between the tension disks.



5. Continue to thread points 4-8. Slip the thread into the middle slot of the thread guide ⑤. Go over the take up lever ⑥. Continue by slipping the thread into the middle slot of the thread guides ⑦ and ⑧.
6. Before threading the eye of the needle, make sure the thread is behind the thread guide located on the bottom of the needle clamp.



7. Thread the eye of the left needle ⑨.



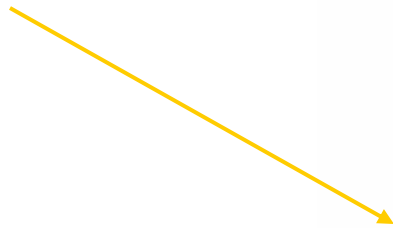
8. Draw about 4 inches of the thread through the needle eye towards the back of the machine.
9. Place the thread to the back, under the Presser Foot.

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- ◆ Turn Auto Tension Dial to “B”.



- ◆ Turn Stitch Length Dial to “2”.



Try It:

- ◆ Align one piece of medium weight fabric so that the knife just slightly trims the fabric edge.
- ◆ Sew.



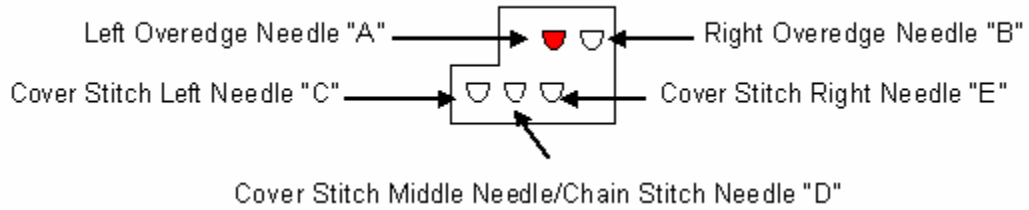
Three-Thread Overlock (Wide—Decorative Thread)

Using decorative threads can duplicate the look of fine braids and bindings often found only in ready-to-wear. It is easy to embellish sewing projects with decorative thread. Threads such as texturized nylon thread, crochet thread, pearl cotton, yarn and more easily slide through the eye of the looper. Select soft, flexible threads for best results.



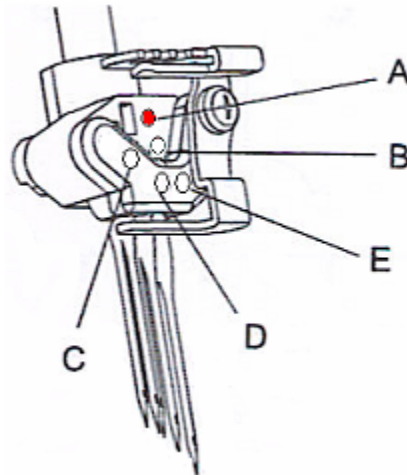
Set up:

Needle:



Set-up:

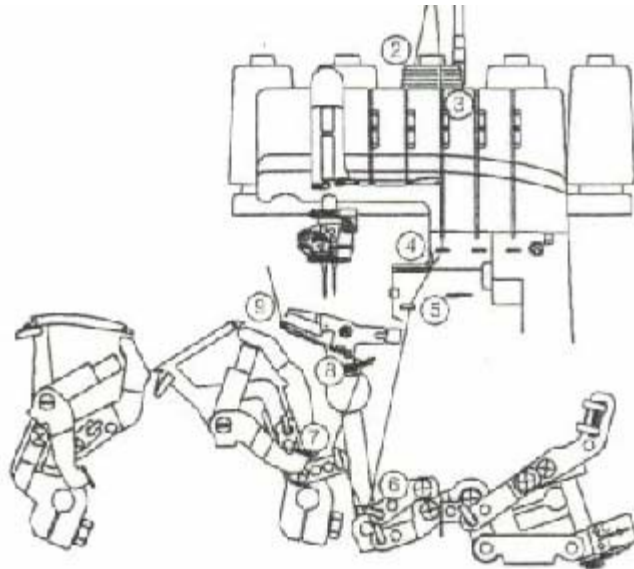
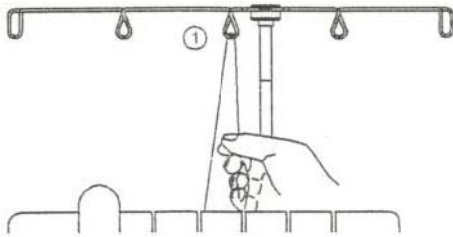
ATD: Auto Tension Dial	"B"
Left Cover Stitch Needle "C"	Unthreaded and Remove Needle
Middle Cover Stitch Needle "D"	Unthreaded and Remove Needle
Right Cover Stitch Needle "E"	Unthreaded and Remove Needle
Overedge Left Needle "A" (Orange)	Threaded
Overedge Right Needle "B"	Unthreaded and Remove Needle
Upper Looper (Green)	Looper Engaged and Threaded
Spreader	Disengaged
Lower Looper (Red)	Threaded
Chain Stitch Looper (Brown)	Unthreaded
Upper Knife	Engaged
Seam Guide Plate	Not Installed, use Knife Plate Cover
Seam Width Dial	"N"
Stitch Length Dial	"2"
Presser Foot Pressure	"N"
Differential Feed Dial	"N"
Stitch Finger	"N"



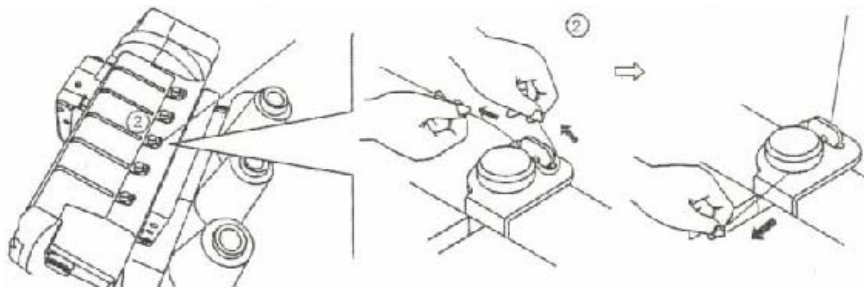
◆ Thread Upper Looper with decorative thread.

1. Raise the Presser Foot to release the tension disks. Thread the Lower Looper as illustrated 1-9.

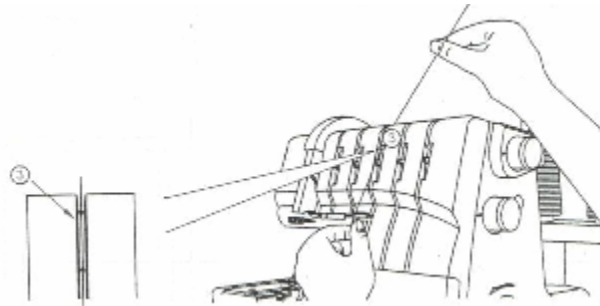
2. Pass thread from back to the front through the thread guide.



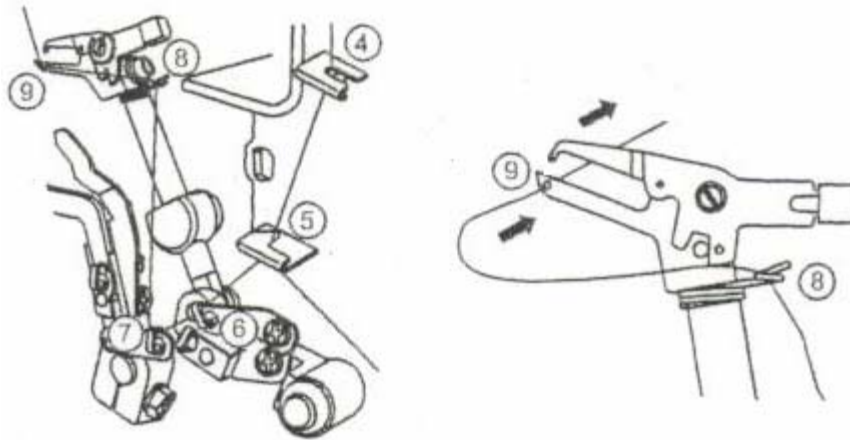
3. Thread the top cover thread guide by pulling the thread towards the left until it slips under the guide. Then pull the thread along the right side of the button as illustrated.



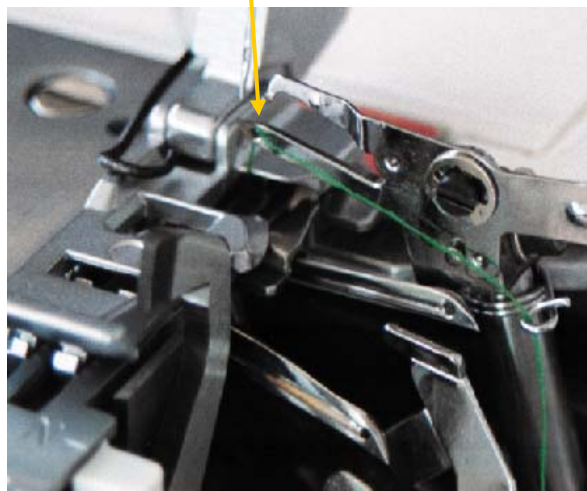
4. While holding the thread firmly, pull the thread between the tension disks.



5. Turn the handwheel toward you until the lower looper extends 5-10mm (approximately ½ inch) from the needle plate edge.
6. Thread the looper area of the machine following the green color coded thread guides 4-9.

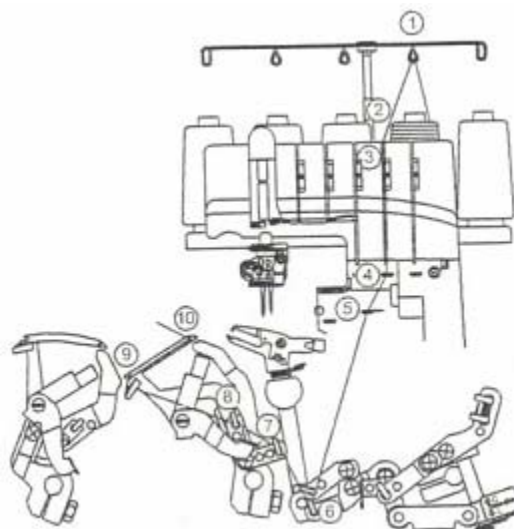
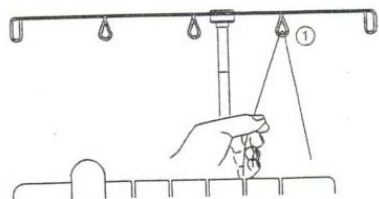


7. Thread the hole in the Upper Looper from front to back ⑨. Pull about 4 inches of thread through the looper and place to the back of the throat plate.

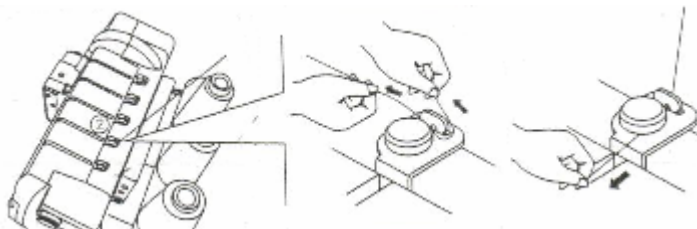


◆ Thread Lower Looper with decorative overlock thread.

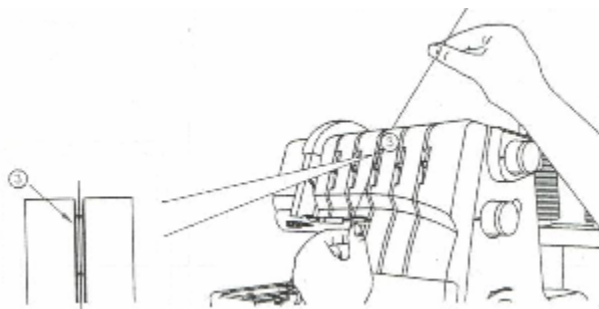
1. Raise the Presser Foot to release the tension disks. Thread the Lower Looper as illustrated 1-10.
2. Pass thread from back to the front through the thread guide ①.



3. Thread the top cover thread guide by pulling the thread towards the left until it slips under the guide. Then pull the thread along the right side of the button as illustrated.



4. While holding the thread, firmly pull the thread between the tension disks.



5. Turn the handwheel toward you until the lower looper extends 5-10mm (approximately 1/2 inch) from the needle plate edge.

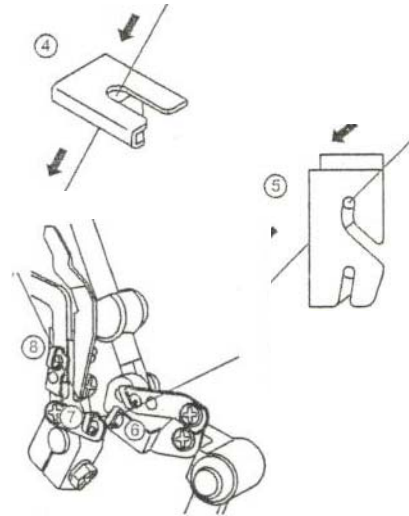
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6. Thread the looper area of the machine following the red color coded thread guides 4-10.

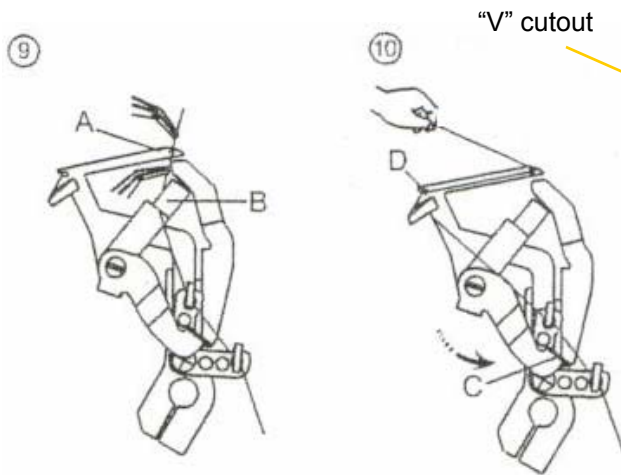
7. Place the thread slightly from left and to the right of threading guide ④.

8. Place the thread slightly from the front and to the back of threading guide ⑤.

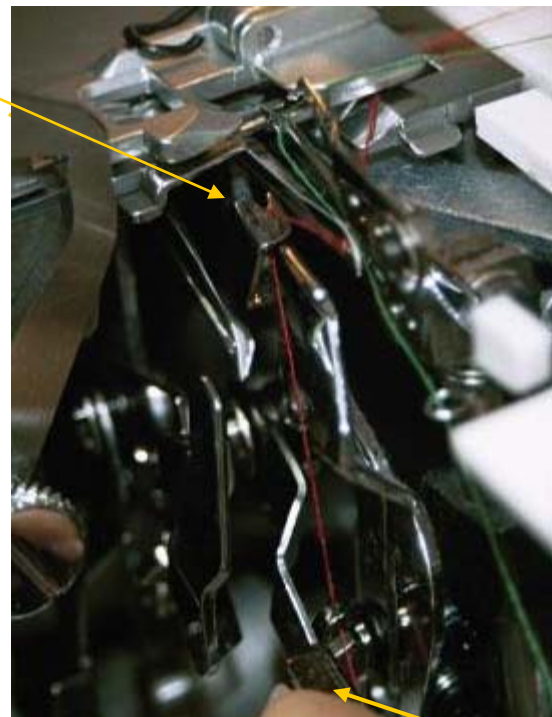
9. Place the thread through ⑥, ⑦, and ⑧.



10. Thread the looper eye (A) from front to back. Pull about 4 inches of thread. Position thread into V cutout (B) on threader. Firmly hold thread tail with left hand and pull Threader lever (C) up into place (D).



11. Thread eye of looper.



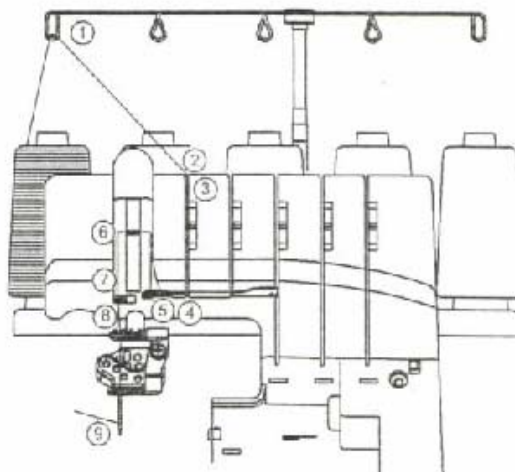
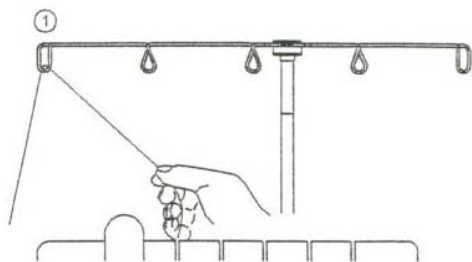
Threader Lever

NOTE: Make sure the Upper Looper thread is behind the Lower Looper thread.

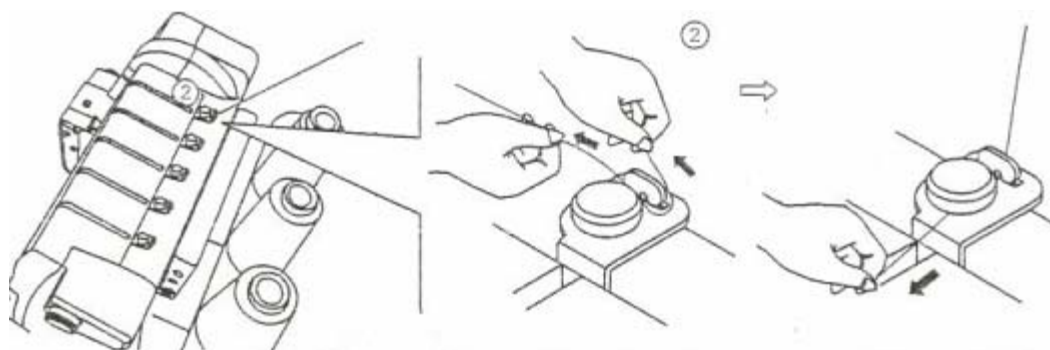
◆ Thread Overedge Left needle with regular thread.

1. Raise the Presser Foot to release the tension disks. Thread the left needle as illustrated 1-9.

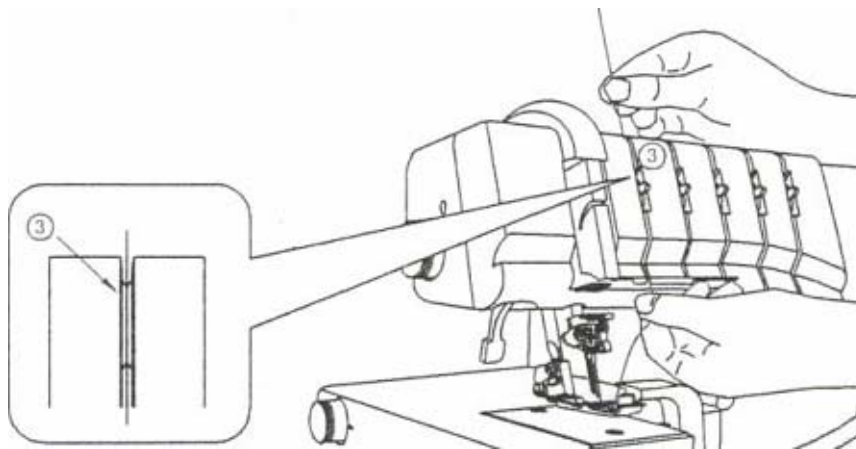
2. Pass thread from back to the front through the thread guide ①.



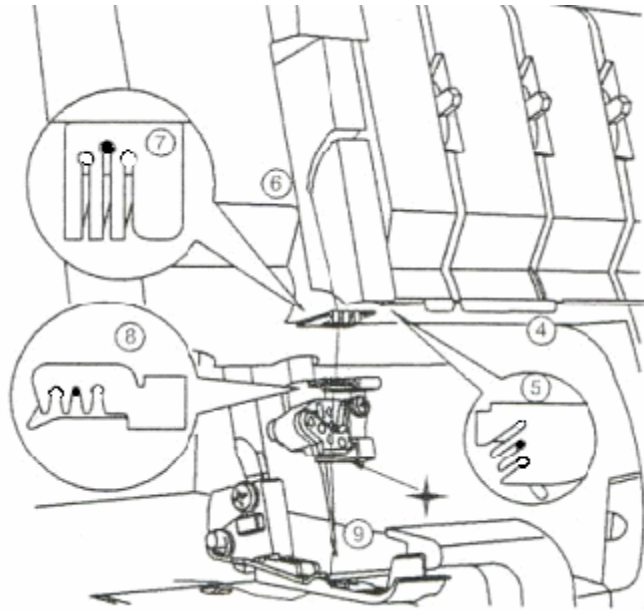
3. Thread the top cover thread guide by pulling the thread towards the left until it slips under the guide. Then pull the thread along the right side of the button as illustrated.



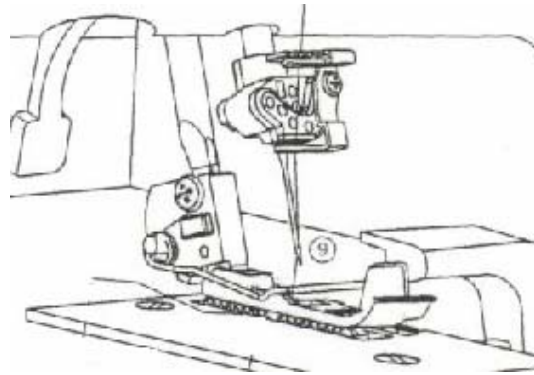
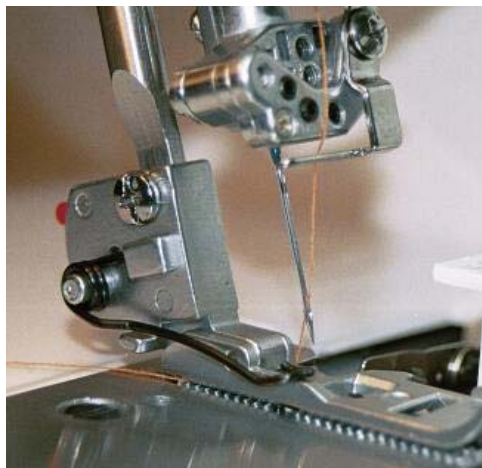
4. While holding the thread firmly, pull the thread between the tension disks.



5. Continue to thread points 4-8. Slip the thread into the middle slot of the thread guide ⑤. Go over the take up lever ⑥. Continue by slipping the thread into the middle slot of the thread guides ⑦ and ⑧.
6. Before threading the eye of the needle, make sure the thread is behind the thread guide located on the bottom of the needle clamp.



7. Thread the eye of the Left Overedge Needle ⑨.



8. Draw about 4 inches of the thread through the needle eye towards the back of the machine.
9. Place the thread to the back, under the Presser Foot. Lower foot and sew.

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Try It:

- ◆ Align double-sided quilted fabric so that the knife just slightly trims the fabric edge.
- ◆ Sew.

