Husqvarna VIKING®

User's Guide

Epic™ 980Q

KEEPING THE WORLD SEWING™

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. Keep the instructions at a suitable place close to the machine. Make sure to hand them over if the machine is given to a third party.

DANGER –TO REDUCE THE RISK OF ELECTRIC SHOCK:

- A sewing machine should never be left unattended when plugged in. The electrical socket, to which the machine is plugged in should be easily accessible. Always unplug this sewing machine from the electric outlet immediately after using and before cleaning, removing covers, lubricating or when making any other user servicing adjustments mentioned in the instruction manual.

WARNING –TO REDUCE THE RISK OF BURNS, FIRE, ELECTRIC SHOCK, OR INJURY TO PERSON:

- Do not allow to be used as a toy. Close attention is necessary when this sewing machine is used by or near children.
- 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 control 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.
- 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.
- Wear safety glasses.
- 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.
- 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 administrated.
- 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.
- The foot control is used to operate the machine. Avoid placing other objects on the foot control.
- Do not use the machine if it is wet.

- If the LED lamp is damaged or broken, it must be replaced by the manufacturer or its service agent or a similarly qualified person, in order to avoid a hazard.
- If the cord connected with the foot control is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person, in order to avoid a hazard.
- This sewing machine is provided with double insulation. Use only identical replacement parts. See instructions for Servicing of Double-Insulated Appliances.

SAVE THESE INSTRUCTIONS

FOR CENELEC COUNTRIES ONLY:
This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

The noise level under normal operating conditions is less than 80dB(A).

The machine must only be used with foot control of type FR5 manufactured by Shanghai Binao Precision Mould Co., Ltd.

FOR NON CENELEC COUNTRIES:
This sewing machine is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the sewing machine by a person responsible for their safety. Children should be supervised to ensure that they do not play with the sewing machine.

The noise level under normal operating conditions is less than 80dB(A).

The machine must only be used with foot control of type FR5 manufactured by Shanghai Binao Precision Mould Co., Ltd.

SERVICING OF DOUBLE INSULATED PRODUCTS

In a double-insulated product, two systems of insulation are provided instead of grounding. No ground means is provided on a double-insulated product, nor should a means for grounding be added to the product. Servicing of a double-insulated product requires extreme care and knowledge of the system and should be done only by qualified service personnel. Replacement parts for a double-insulated product must be identical to those parts in the product. A double-insulated product is marked with the words 'DOUBLE INSULATION' or 'DOUBLE INSULATED'.

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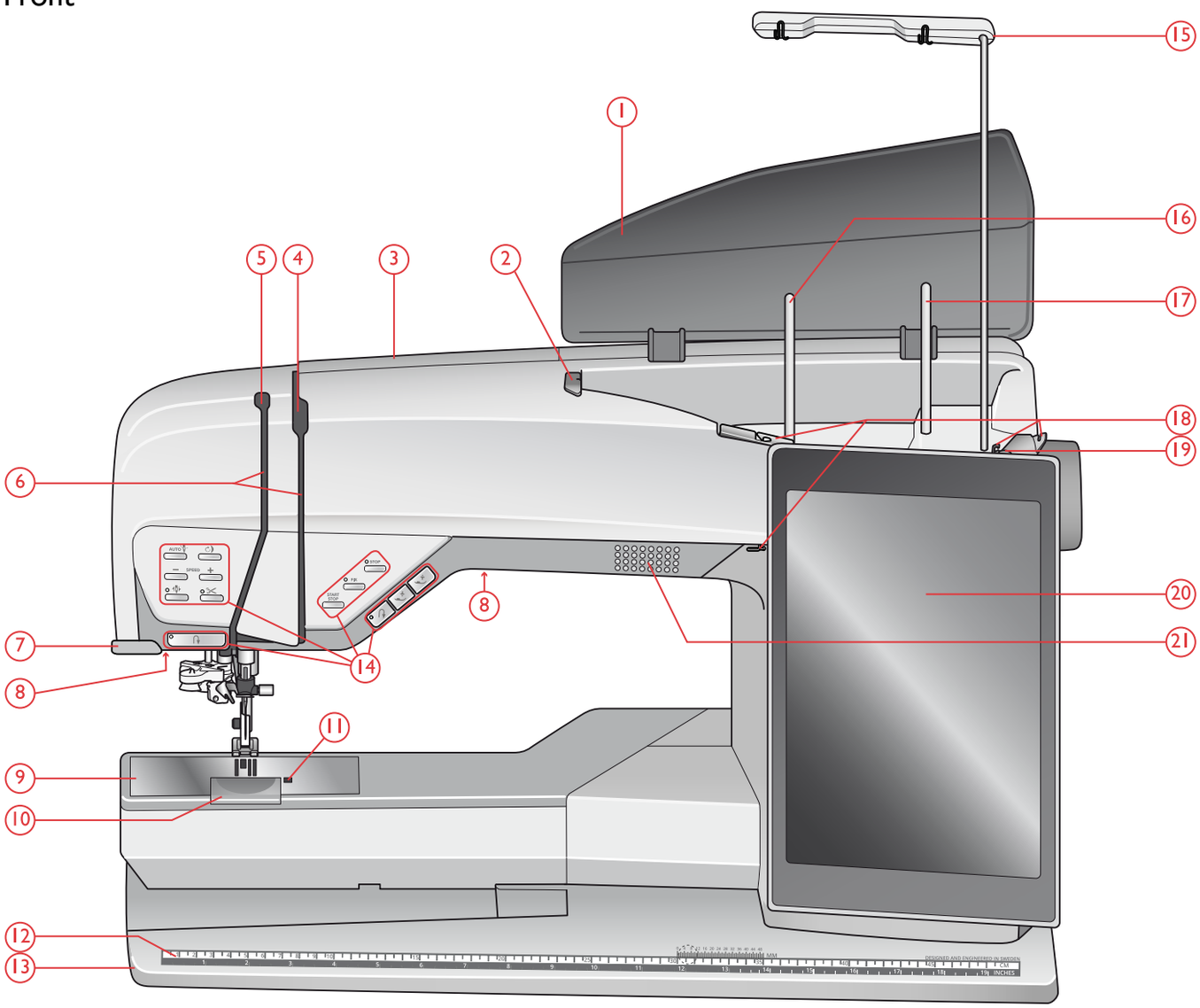
1 Introduction

Machine Overview

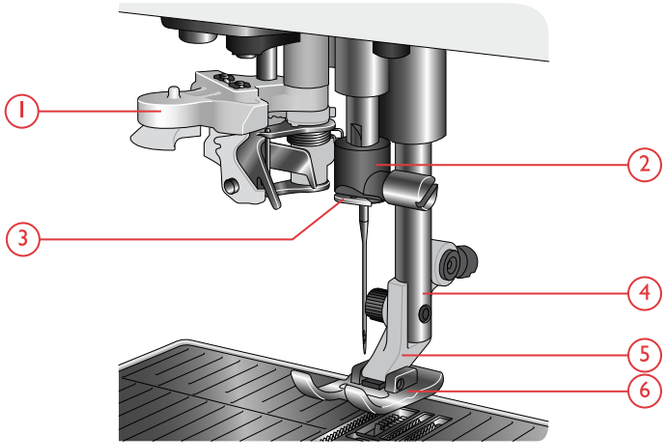
Front



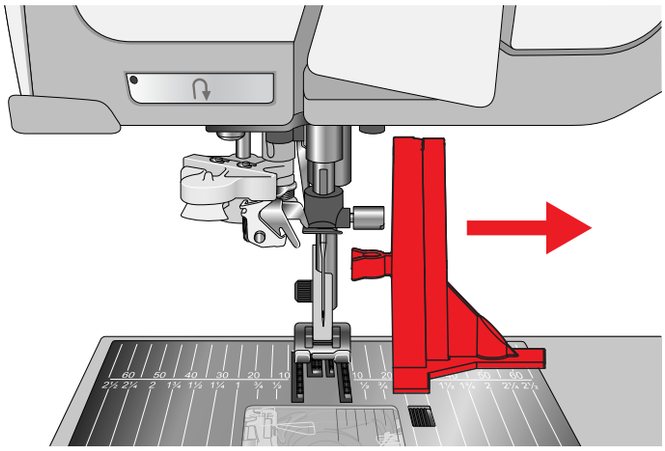
1. Lid
2. Pre-tension thread guide
3. Threading slot
4. Thread tension discs
5. Thread take-up lever
6. Threading slots
7. Thread cutter
8. LED light
9. Needle plate
10. Bobbin cover
11. Bobbin cover release button
12. Button ruler and built-in tape measure
13. Base plate
14. Function buttons, see Function Buttons, page 9 for detailed description
15. Telescopic thread guide
16. Main spool pin
17. Auxiliary spool pin
18. Bobbin winding thread guides
19. Thread tension disc for bobbin winding
20. Multi-touch screen
21. Speaker

Needle Area

1. Automatic needle threader, see Using the Automatic Needle Threader, page 31
2. Needle bar with needle clamp screw
3. Needle thread guide
4. Presser foot bar
5. Presser foot ankle
6. Presser foot

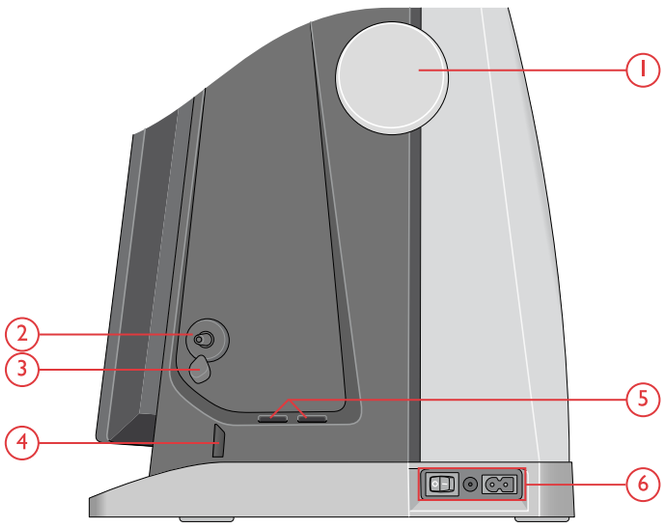


Note: The machine is delivered with a red safety catch attached to the presser foot bar. Remove the safety catch before sewing.



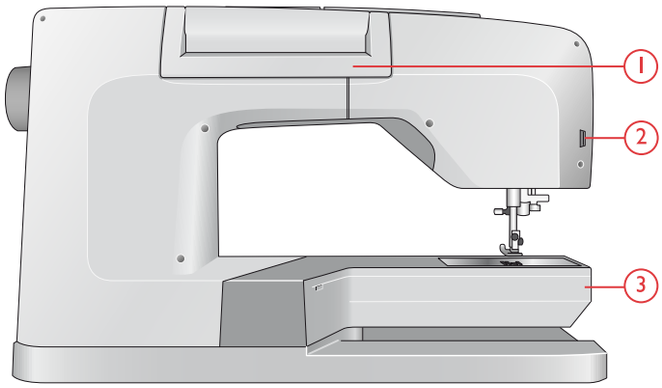
Right Side

1. Handwheel
2. Bobbin winder
3. Bobbin winding lever
4. Thread cutter for bobbin winding
5. Built-in USB ports
6. ON/OFF switch, sockets for power cord and foot control. See Connect the Power Cord and Foot Control, page 20.



Rear

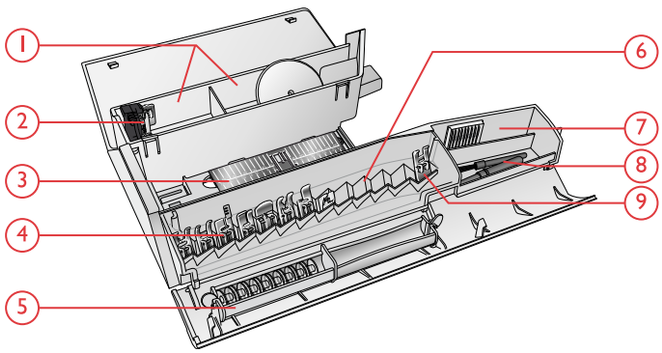
1. Handle
2. Accessory socket
3. Free arm



Accessory Tray

The accessory tray features special compartments for presser feet and bobbins, plus space for needles and other accessories. Store the accessories in the tray so they are easily accessible.

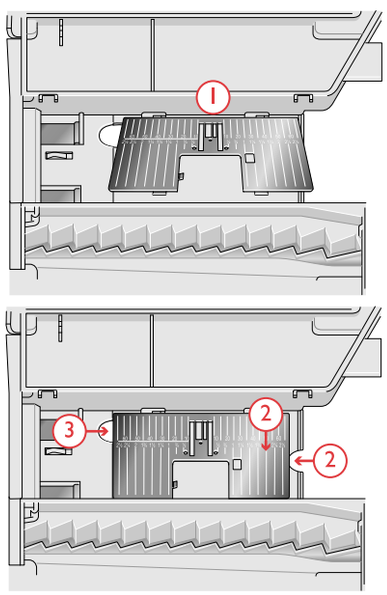
1. Space for accessories
2. Hook for storing the Sensor One-Step Buttonhole Foot
3. Space for needle plate
4. Space with hole for Buttonhole Foot C
5. Removable bobbin holder
6. Spaces for presser feet
7. Slot for needle packs
8. Space for seam ripper and brush
9. Extra wide space for Side-Motion Foot S



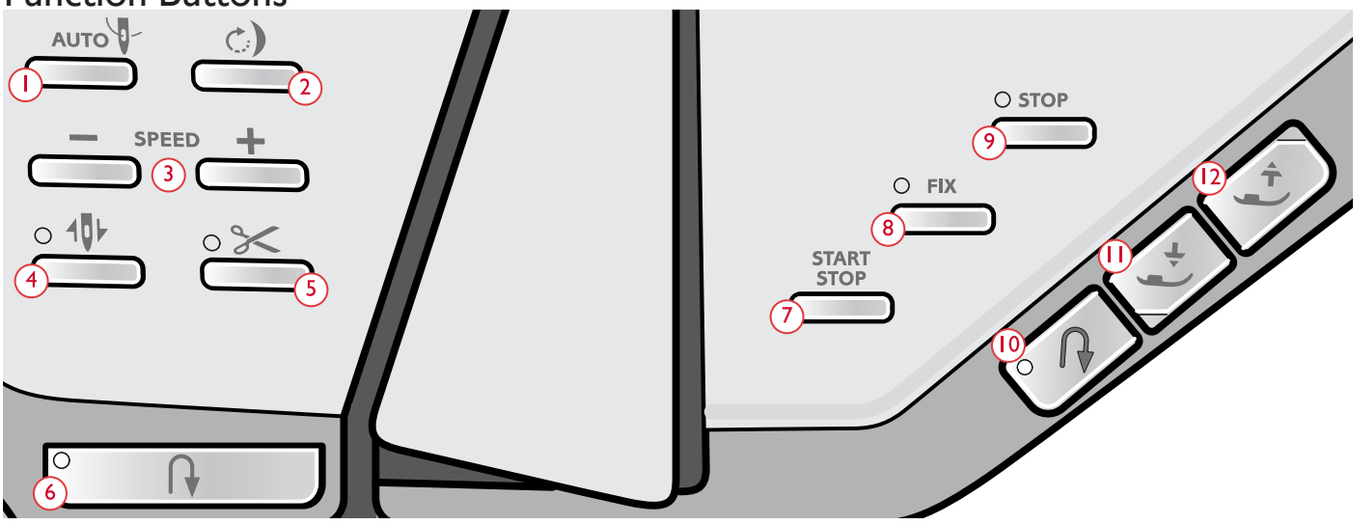
Storing a Needle Plate

Store the needle plate not in use in the bottom of your accessory tray.

1. Insert the back of the plate into the assigned holes as illustrated and lay it down.
2. Push the plate down and to the left to fasten it.
3. To remove the plate, place a finger into the hole by the top left of the plate, push right and then lift the plate.



Function Buttons



1. Automatic needle threader
2. Stitch re-start
3. Speed – and +
4. Needle stop up/down
5. Cut function
6. Reverse
7. Start/stop
8. FIX function
9. STOP function
10. Reverse (same functions as #6)
11. Presser foot down and pivot
12. Presser foot up and extra lift

Automatic Needle Threader

See Using the Automatic Needle Threader, page 31 to learn how to place the thread for automatic needle threading. When the thread is in place, touch this button to thread the needle automatically.

⚠ *To prevent damage to the automatic needle threader, needle, presser foot or other attached accessories, read the instructions carefully on how to use the automatic needle threader before using it.*

Stitch Re-Start

When you stop sewing in the middle of a stitch, touch stitch re-start to begin sewing at the beginning of the stitch. The stitch or stitch program will remember any special settings you made.

Speed – and +

All stitches and embroideries in your machine have a pre-set, maximum allowed sewing speed to provide a good stitch result.

Touch speed – to decrease the maximum allowed sewing speed. Touch speed + to increase the maximum allowed speed again. The machine will never sew faster than the maximum allowed sewing speed for the selected stitch. Touch speed – or + when the machine is not running and a pop-up on the screen will indicate the speed setting. You can set the speed by touching the slider in the pop-up or by touching the speed – or + buttons. If you change the speed setting while sewing no pop-up will appear.

Needle Stop Up/Down

Touch needle stop up/down to set the position of the needle when you stop sewing. The needle will move up or down when you touch the button. The indicator light is on when needle stop down is set.

Tip: You can also tap the foot control to raise or lower the needle once you stop sewing. Tapping the foot control does not change the set stop position.

Cut Function

Touch the cut function button and your machine cuts the upper and bobbin threads, raises the presser foot and needle, and activates the FIX function for the next start.

To cut threads at the end of a stitch or stitch program, touch the cut function button while sewing. The indicator light will flash, alerting you that a cut is requested. When the stitch or stitch program is completed, your machine cuts the upper and bobbin threads, raises the presser foot and needle, and activates the FIX function for the next start.

Note: If automatic FIX and selective presser foot lift has been deselected in temporary sewing settings, FIX function will not be activated and presser foot will not be raised when using the cut function.

⚠ *Some optional accessories are attached in the two small circular holes in the needle plate just above the bobbin cover. Do not use the cut function when an accessory is attached in these holes as that may interfere with the automatic thread cutter located under the needle plate.*

Reverse

When reverse is active, the reverse indicator is lit. For permanent reverse, touch the reverse button once before starting to sew. The reverse indicator will be lit and the machine sews in reverse until you touch the button again to cancel. If you press the reverse button while sewing, the machine will sew in reverse for as long as you keep the button pressed.

Reverse is also used when sewing for example manual buttonholes, darning stitches and tapering stitches to step between the parts of the stitch.

Start/Stop

Touch the start/stop button to start and stop the machine sewing without using the foot control. Touch start/stop to begin and touch again to stop.

FIX function

FIX is used to tie off a stitch. Touch the button to turn the function on/off. The indicator next to the FIX function button is lit when the FIX function is active. When beginning to sew with FIX function active, your machine sews a few tie-off stitches and continues with the selected stitch. Touch FIX while sewing and your machine sews a few tie-off stitches and stops automatically.

You can activate automatic FIX in settings, see automatic FIX in the built-in user's guide.

STOP function

Touch STOP when sewing to conclude a stitch or stitch program. Your machine fixes the thread and stops automatically when the stitch or stitch program has been completed. Touch STOP before starting to sew and your machine sews only one repetition of the stitch. Only one stitch is displayed on the screen. The indicator next to the STOP button is lit when the STOP function is active. To cancel the function, touch STOP again or select a new stitch. The STOP function is cancelled when the stitch is completed.

The STOP function is also used to repeat a sewn length when sewing tapering, (see tapering stitches in the built-in user's guide) and when sewing manual buttonholes.

Presser Foot Down and Pivot

The presser foot is lowered automatically when you start sewing. To lower the presser foot before starting to sew, touch the presser foot down and pivot button. The presser foot will be completely lowered and the machine firmly holds the fabric. Touch presser foot down again to go to pivot position.

Presser Foot Up and Extra Lift

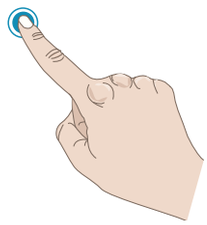
Touch the presser foot up button once to raise the presser foot. Touch again and the presser foot will raise to extra lift position, and the feed teeth will be automatically lowered to make it easier to get heavy fabric under the presser foot.

Basic Gestures for the Multi-Touch Screen

Easily navigate on the multi-touch screen with the gestures described below. For more detailed information, see the multi-touch screen section in the built-in user's guide.

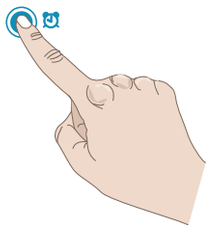
Touch

Touch once on a button or setting on the screen to select.



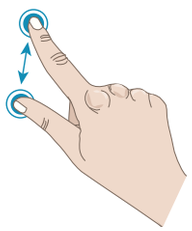
Touch & Hold

Touch once without releasing for a few seconds to touch & hold. Used on some buttons and screen areas to access more options.



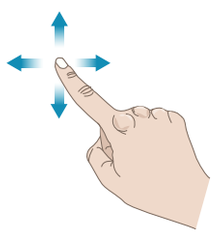
Pinch/Stretch

Touch with two fingers at the same time and without releasing increase/reduce the distance between the fingers to stretch (zoom in) or pinch (zoom out).



Swipe

Touch, move and release your finger in a swift gesture to swipe. Left-right/right-left swipe is used e.g. to scroll between stitch menus. Top-bottom/bottom-top swipe is used e.g. to scroll within a stitch menu.



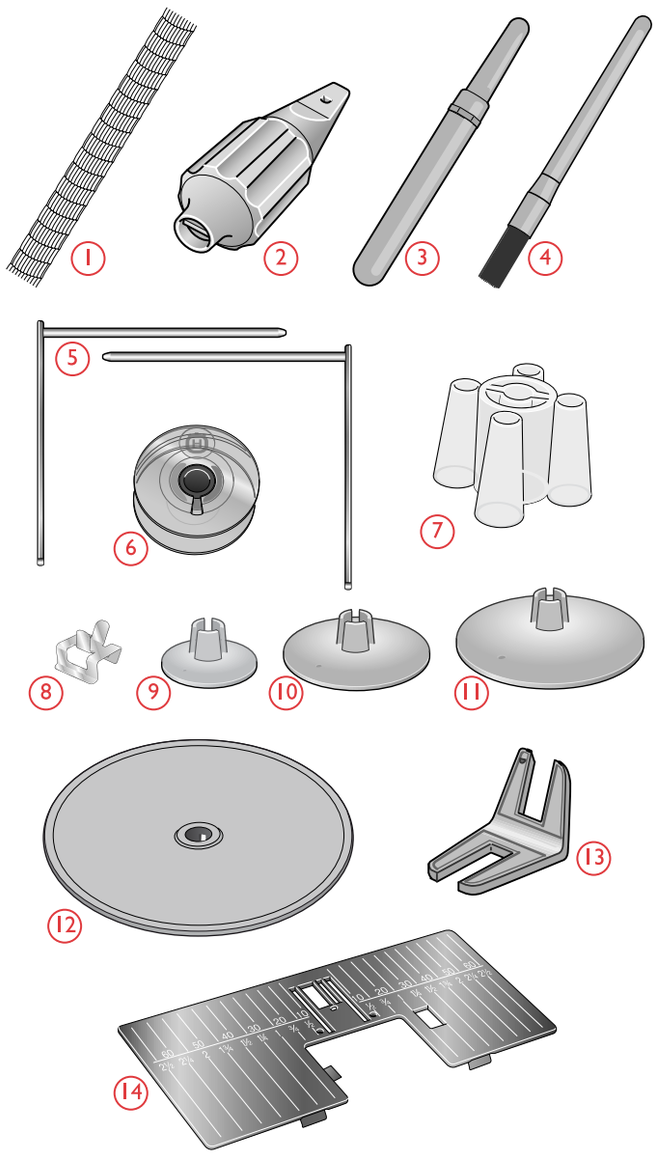
Accessories

Included Accessories

1. Thread net (4)
2. Universal tool
3. Seam ripper
4. Brush
5. Edge/Quilting guides (used attached to presser foot ankle or together with the Dual Feed Foot)
6. Bobbins (6)
7. Thread cone holder (2)
8. Spool cap, small (2)
9. Spool cap, medium (2)
10. Spool cap, large (2)
11. Large spool holder (2)
12. Multipurpose tool/Button reed
13. Straight Stitch Plate

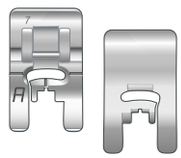
Included Accessories Not in Picture

- Complimentary software to download, see complimentary software in the built-in user's guide.
- Soft cover for machine
- Foot control
- Power cord
- Needles



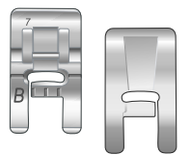
Presser Feet

Note: For the best sewing results, use only presser feet designed for and compatible with your EPIC™ machine.



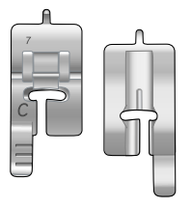
Utility Foot A

Snapped onto the machine upon delivery. Used mainly for straight stitching and zigzag stitching with a stitch length longer than 1.0mm.



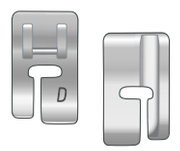
Decorative Stitch Foot B

For sewing close zigzag stitches (satin stitches) with less than 1.0mm stitch length, other utility stitches or decorative stitches, use this foot. The tunnel on the underside of the foot is designed to feed smoothly over the stitches.



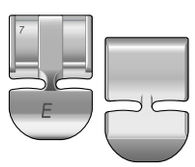
Buttonhole Foot C

For manual buttonholes. This foot has guidelines to determine buttonhole length. The middle measures ⅝" (15mm) from the fabric edge. The two tunnels on the underside of the foot ensure smooth feeding over the buttonhole columns. The finger on the back of the foot holds cording for corded buttonholes.



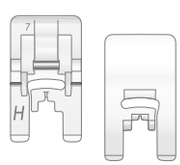
Blindhem Foot D

For blindhem stitches. The inner edge of this foot guides the fabric. The right toe of the foot is designed to ride along the hem edge.



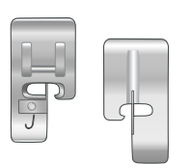
Zipper Foot E

This foot can be snapped on either to the right or to the left of the needle. This makes it easy to sew both sides of the zipper. Move needle position to right or left to sew closer to zipper teeth or for covering large cording.



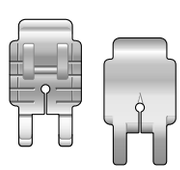
Non-Stick Glide Foot H

This foot, with a non-stick coating underneath, is used when sewing foam, vinyl, plastic, or leather to keep these materials from sticking to the foot.



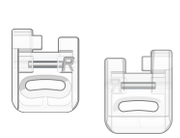
Edging Foot J

Used for overcasting and seam/overcasting, with stitches that have a stitch width of 5.0 and 5.5mm. Stitches form over the pin which prevents puckering at the edge of the fabric.



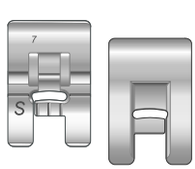
Quilter's ¼" Piecing Foot P

Used when piecing quilt blocks. The foot has distance guideline marks ¼" (6mm) and ⅛" (3mm) from the needle.



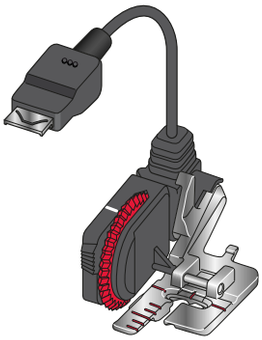
Embroidery/Darning Foot R

Used for free motion embroidery, free motion quilting, free motion stitching and free motion darning. When using this foot, select free motion floating in the free motion options pop-up in sewing mode.



Side-Motion Foot S

Used for side-motion/omnimotion stitches.

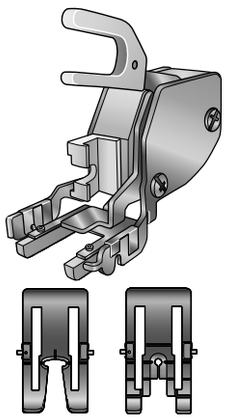


Sensor One-Step Buttonhole Foot

Plug into the machine then enter the desired buttonhole length to sew sensor one-step buttonholes. The middle mark measures a ⅝" (15mm) from fabric edge.

Self-Adhesive Glide Plates

If sewing on foam, vinyl, plastic, or leather, the material can stick to the foot and prevent the sewing machine from feeding properly. When using any of the above materials, sew on a piece of scrap fabric, to make sure the machine feeds smoothly. If not, fasten the self-adhesive glide plate to the underside of the presser foot.



Interchangeable Dual Feed

The Dual Feed Foot with changeable presser feet is designed to feed layers of fabric and/or batting evenly. It is perfect for quilting, sewing velvet, stretch fabrics, imitation leathers and fabrics that need precise pattern matching. Snap on the Changeable Straight Stitch Foot when using the straight stitch in the center needle position with a stitch length up to 6mm. Snap on the Changeable Zigzag Foot when selecting stitches up to 7mm wide and 6mm long.

Stitch Overview

Utility Stitches

Stitch	№	Presser foot	Name	Description
	A1	A	Straight stitch, center needle position	For all types of sewing.
	A2	A	Straight stitch with reinforced tie-off	For all types of sewing. Begins and ends with forward and reverse stitches.
	A3	A	Stretch stitch, center needle position	For seams in tricot and stretch fabrics.
	A4	A	Zigzag, center needle position	For sewing on lace, trims and appliqués.
	A5	A	Reinforced straight stitch, center needle position	Triple and elastic, for reinforced seams. For top stitch, increase the stitch length.
	A6	B	Reinforced zigzag stitch	For joining fabric edge to edge or overlapping in leather. For decorative sewing.
	A7	J	Seam/overcast stitch	Seam and overcast in one step along the edge or trim later. For light stretch and non-stretch fabrics.
	A8	B	Stretch seam/overcast stitch	Seam and overcast in one step along the edge or trim later. For medium and heavy stretch fabrics.
	A9	B	Overlock stitch	Seam and overcast in one step along the edge or trim later. For medium stretch fabrics.
	A10	B	Flatlock stitch	Decorative hems and overlapped seams, belts and bands. For medium/heavy stretch fabrics.
	A11	D	Stretch blind hem stitch	Blind hems in medium and heavy stretch fabrics.
	A12	D	Woven blind hem stitch	Blind hems in medium and heavy woven fabrics.
	A13	A	Shell edge stitch	For edging, sewing over the edge on light woven fabrics. Sew woven fabrics on bias.
	A14	A	Four-step zigzag	For overcasting, mending, sewing on patches and elastics on loosely woven fabrics.
	A15	B	Elastic/casing stitch	For overlapped seams in tricot. To sew casing over narrow elastic.
	A16	A	Serpentine stitch	For mending and elastic applications.
	A17	B	Elastic or smocking stitch	Sew over two rows of elastic thread for elastic shirring.
	A18	B	Bridging stitch	For joining two pieces of fabric with finished edges and for elastic shirring.
	A19	J	Three-step zigzag	For overcasting, mending, sewing on patches and elastic. Suitable for light and medium weight fabrics.

Stitch	№	Presser foot	Name	Description
	A20	A	Two-step zigzag	For joining two pieces of lace, and for elastic shirring.
	A21	B	Bartack stitch	Reinforce pockets, shirt openings, belt loops as well as at lower end of a zipper.
	A22	B	Bartack, manual	Reinforce pockets, shirt openings, belt loops as well as at lower end of a zipper.
	A23	A	Darning stitch (forward and backward)	Darn and mend small holes in work clothes, jeans, tablecloths and linen towels. Stitch over hole, touch reverse for continuous darning and auto stop.
	A24	A	Darning stitch (side to side)	For mending small tears.
	A25	A	Reinforced darning stitch	Darn and mend work clothes, jeans, tablecloths and linen towels. Stitch over hole, touch reverse for continuous darning and auto stop.
	A26	B	Darning stitch (four-step)	A group of four stitches perfect for mending small tears. Stitch #1 and #3 are sewn in a forward motion, stitch #2 and #4 are sewn backwards. To change stitch and direction touch the reverse button. *Tip: Press fusible interfacing on the wrong side before mending the tear.*
	A27	A	Belt loop stitch	For securing belt loops.
	A28	A	Straight basting stitch	To baste, press the foot control and the machine will make two stitches, stop and raise the foot. When the presser foot lifts, move the fabric to the next baste position and press the foot control. Feed teeth lowered automatically.
	A29	A	Zigzag basting	To baste, press the foot control and the machine will make two stitches, stop and raise the foot. When the presser foot lifts, move the fabric to the next baste position and press the foot control. Feed teeth lowered automatically.
	A30	Sensor Buttonhole foot/C	Wide bartack buttonhole	For medium and heavy fabrics with extra cutting space.
	A31	Sensor Buttonhole foot/C	Round end buttonhole	For blouses and children's garments.
	A32	Sensor Buttonhole foot/C	Keyhole buttonhole	Square end for tailored jackets, coats, etc.
	A33	Sensor Buttonhole foot/C	Tapered keyhole buttonhole	Tapered end for tailored garments.
	A34	Sensor Buttonhole foot/C	Decorative fashion buttonhole	For most fabric weights.
	A35	Sensor Buttonhole foot/C	Heavy duty buttonhole	With reinforced bartacks
	A36	Sensor Buttonhole foot/C	Heavy reinforced buttonhole	For utility and heavy fabrics.

Stitch	№	Presser foot	Name	Description
	A37	Sensor Buttonhole foot/C	Heirloom buttonhole	For hand look on fine and delicate fabrics. *Tip: For jeans buttonholes, increase length and width of the buttonhole. Use thicker thread.*
	A38	Sensor Buttonhole foot/C	Rounded heirloom buttonhole	For hand look on fine and delicate fabrics.
	A39	A	Leather buttonhole (straight stitch)	For leather and suede.
	A40	A	Bound buttonhole (straight stitch)	With extra cutting space for bound buttonholes.
	A41	-	Automatic button sewing	For sewing on buttons.
	A42	B	Round eyelet	For belts, laces, etc.

Stitch Menu Overview

There are several different stitch menus with stitches for all purposes. For detailed description of a stitch, use the quick help function, see quick help in the built-in user's guide.

Stitch Menu Name	**Description**
A — Utility Stitches	Stitches for garment sewing and mending.
B — Appliqué Stitches	For sewing appliqués with different effects.
C — Heirloom Stitches	Decorative stitches for traditional heirloom sewing. Stitches for hemstitching, smocking and sewing on laces and trims.
D — Quilt Stitches	Stitches for all types of quilting techniques.
E — Crafting Stitches	Decorative stitches to embellish crafts.
F — Decorative Stitches	For decorative sewing.
G — Vintage Stitches	A selection of quilt stitches for crazy patch quilting and decorative stitching.
H — Children Stitches	Stitches suitable for sewing on children's clothes and projects.
J — Scallop Stitches	Create scallop details and finish edges with beautiful scallop stitches.
K — Omnimotion Stitches	Program these stitches into an unlimited number of combinations. Stitches are formed with side motion. The stitch width can be up to 49mm wide.
L — Dimensional Stitches	Includes three types of stitches: appliqué and pop-up stitches, combinations of these two types, and sequin stitches.
M — Theme Stitches	Each stitch number on this menu contains a group of four stitches designed to be sewn out together in random combinations. Change to the next stitch in the selected group by touching the reverse button.
N — Embellished Stitches	Decorative stitches that can be used as they are, or further embellished after sewing. Use quick help for detailed information.
O — Single Motif Stitches	Single stitches for embellishment. The machine stops after one sewn repetition.
P — Specialty Stitches	Sew special techniques including candlewicking, edging and more. Extra accessories may be needed. Use quick help for detailed information.
Q — Decorative Tapering Stitches	Decorative stitches with tapering.
R — Pictogram Stitches	Pictogram satin elements to program original satin stitch designs.
S — 4–Way Stitches	Four directional sewing and patching using the free arm.
T — 8–Way Stitches	Straight stitch and reinforced straight stitch in eight different directions without turning the fabric. Can be programmed with decorative stitches to create unique borders.

Alphabets

Stitch fonts are available in block, outline, brush line, script and Cyrillic alphabets.

2 Preparations

Unpacking Machine

After lifting the machine out of the box and removing all packing material and the plastic bag, wipe the machine, particularly around the needle and needle plate to remove any oil before sewing.

Note: Your EPIC™ machine is adjusted to provide the best stitch result at normal room temperature. Extreme hot and cold temperatures can affect the sewn result.

Connect the Power Cord and Foot Control

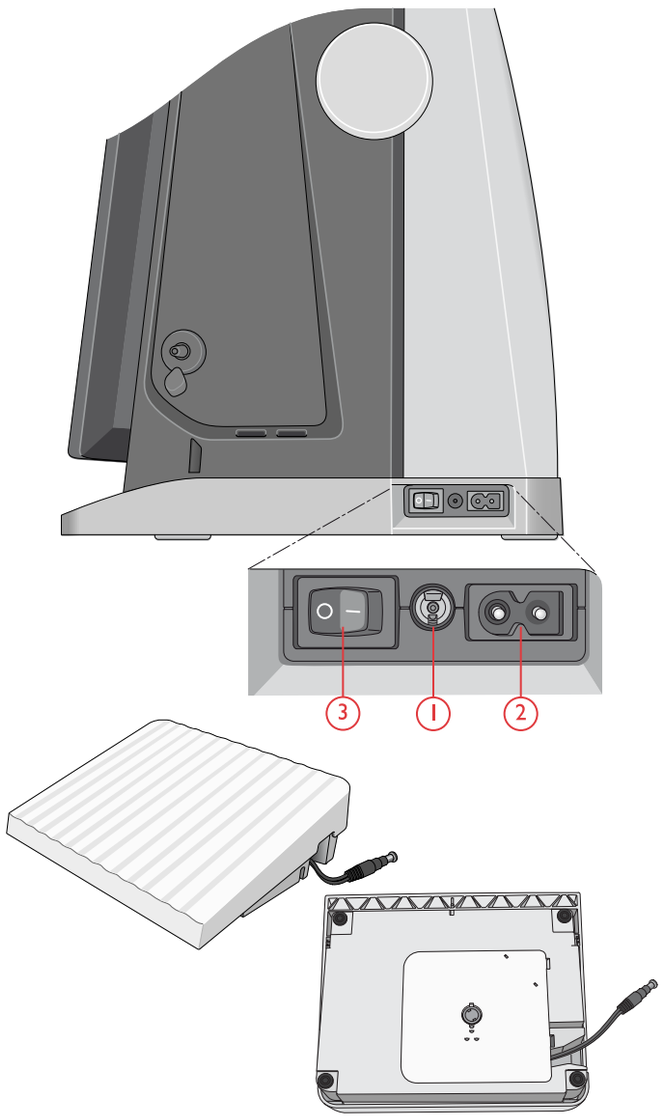
Among the accessories you will find the power cord and the foot control.

Note: Before plugging in the foot control, check to ensure that it is type "FR5" (see underside of foot control).

1. Pull out the cord from the foot control. Connect the foot control cord to the front socket on the bottom right side of the machine.
2. Connect the power cord to the rear socket on the bottom right side of the machine. Plug the cord into the wall socket.
3. Press the ON/OFF switch to "I" to turn on power and light.

For the USA and Canada

This sewing machine has a polarized plug (one blade wider than the other). To reduce the risk of electric shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in 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.



Pack Away After Sewing

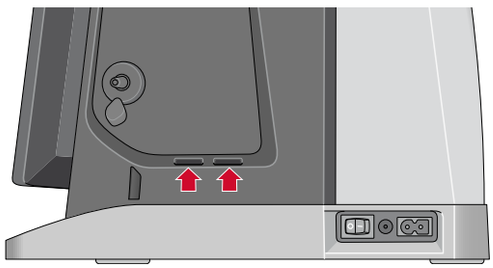
1. Press the ON/OFF switch to "O".
2. Unplug the cord from the wall socket and then from the machine.
3. Unplug the foot control cord from the machine. Pull the cord gently and release. The cord will retract into the foot control.
4. Place all accessories in the accessory tray. Slide the tray on to the machine around the free arm.
5. Place the foot control in the space above the free arm.
6. Put on the soft cover.

Tip: The user's guide and power cord can be stored in the back pocket of the soft cover.

USB Ports

Your machine has two USB ports for connecting USB devices such as a memory stick. USB plugs can only be inserted one way – do not force them into the ports! To remove, carefully pull the USB device out straight.

Note: Make sure that the USB stick you use has the format FAT32.



Using a USB device

The external device button in file manager is only active when a device is connected to a machine USB port.

Note: Do not remove the USB device if a loading spinner is shown on the screen or while the file manager is shown. Removing the device at that time can damage the files on your USB device.

Read more in file manager in the built-in user's guide.

Getting Started with WiFi and *mySewnet*™ Cloud

Follow the steps below to connect your machine.

Connect to a Network with WiFi

Touch the WiFi button in the top left corner of the screen. Select from the list of available networks. If your network is password protected, you will be prompted to enter the password to connect.

For more information, see the built-in user's guide.

WiFi button

Connect to *mySewnet*™ Cloud

When you have established a WiFi connection, touch the cloud button next to the WiFi button on the screen. Touch the button to sign in. A web view opens where you can log in. If you do not have a user name and password, select Register to create an account.

For more information, see the built-in user's guide.

***mySewnet*™** *cloud button*

LED Lights

Your machine has LED lights which distribute the light evenly over the sewing area and eliminate shadows. You can adjust the brightness of the light in the settings menu, see LED work light brightness in the built-in user's guide.

Free Arm

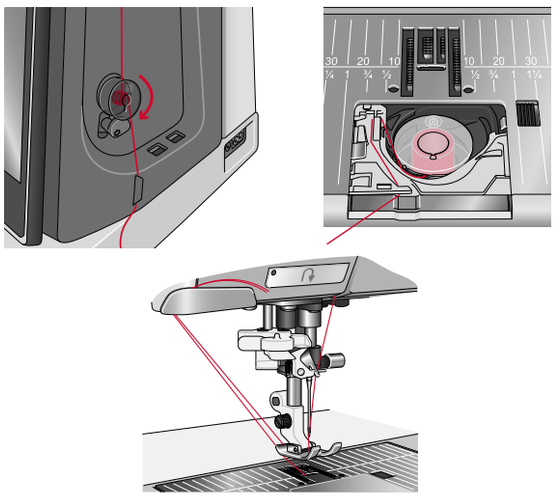
To use the free arm, slide off the accessory tray. When attached, a hook keeps the accessory tray locked to the machine. Remove the tray by sliding it to the left.

Manual Thread Cutter

There are three manual thread cutters on your machine. The first one is close to the bobbin winder spindle for cutting the thread before and after winding.

The second one is next to the bobbin area for cutting the bobbin thread after placing the bobbin in the machine.

The third one is on the left side of the machine for manually cutting top and bobbin threads. Pull both threads into the cutter from the back to the front and pull down quickly.



Thread Sensor

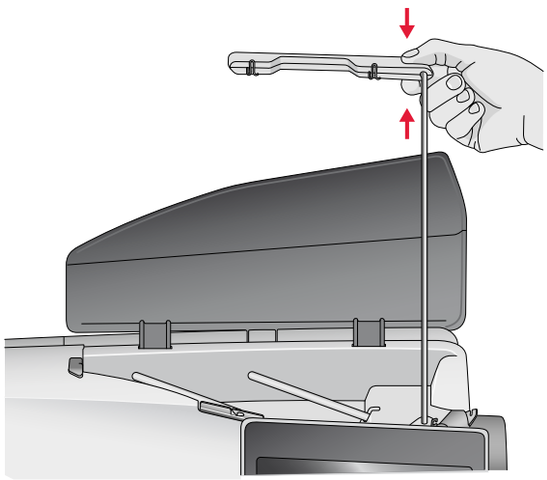
If the needle thread breaks or bobbin thread is running low, the machine stops and a pop-up appears on the screen.

If needle thread breaks: Remove the thread completely, re-thread the machine and touch OK in the pop-up.

If bobbin thread is running low: You can continue sewing without closing the pop-up before the bobbin thread runs out completely. This gives you an opportunity to plan where to stop and change the bobbin. When the bobbin is replaced with a full one, touch OK in the pop-up.

Telescopic Thread Guide

The telescopic thread guide is always used when threading your machine for sewing and bobbin winding. The telescopic thread guide helps straighten the thread, preventing it from tangling or breaking. The thread guide together with the vertical spool pins make it possible to successfully use even very large thread cones.



Extending and Retracting the Telescopic Thread Guide

Hold the telescopic thread guide by the markings as illustrated and pull it straight up until it clicks into place.

To retract, hold the thread guide by the markings and push it straight down.

Spool Pins

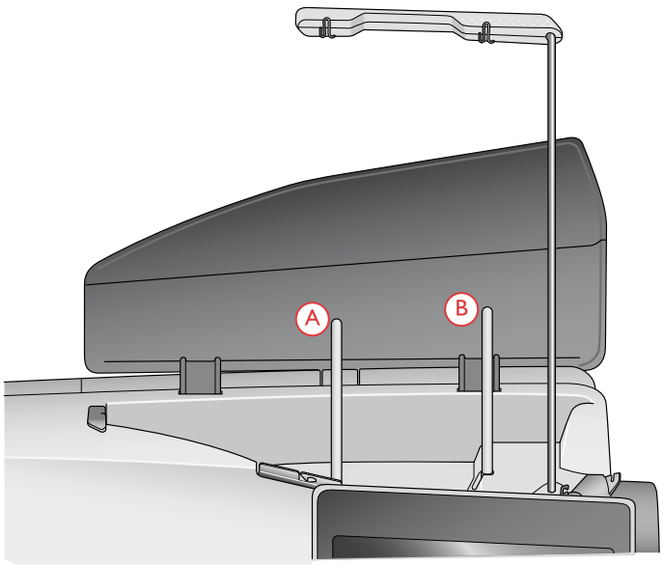
Your machine has two spool pins; a main spool pin and an auxiliary spool pin. The spool pins are designed for all types of thread.

Use the main spool pin (A) when threading the upper thread and for bobbin winding through the needle. For regular sewing and embroidery thread, use the main spool pin in vertical position. Place the spool pin in the horizontal position if you want to keep the machine threaded and close the lid when you have finished sewing. Remember to place the spool pin back in the vertical position when you start to sew again.

Note: Tilting the spool pins is not possible with large thread spools or cones.

You may get better results if you tilt the spool pin to the horizontal position when using small spools of specialty thread. See Threading Tips and Hints, page 32.

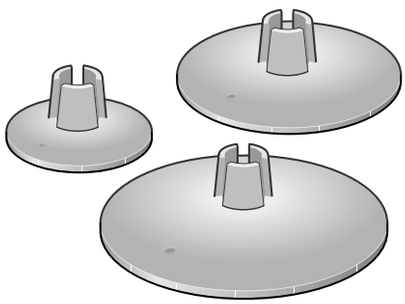
Use the auxiliary spool pin (B) when winding a bobbin from a second spool of thread or for a second spool when sewing with a twin needle.



Main spool pin (A) and auxiliary spool pin (B)

Spool Caps

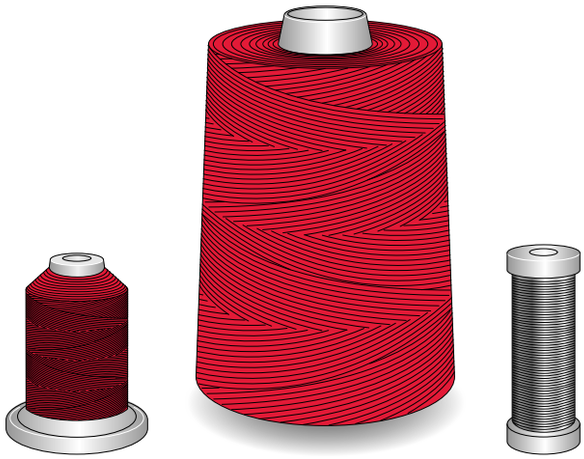
Spool caps in three sizes are included with your machine. For most types of thread spools, no spool cap is needed except when the thread on the spool is running low. If the thread is snagging on the top of the thread spool, place a spool cap on top. Always use a spool cap slightly larger than the thread spool to prevent the thread from snagging. The flat side of the spool cap should be pressed firmly against the spool. There should be no space between the spool cap and the thread spool.



Threads

There are many threads on the market today developed for different purposes.

Your EPIC™ machine is designed for all types of threads and spool sizes. See Threading Tips and Hints, page 32 for information on achieving optimal results with different types of thread and different sizes/styles of thread spools.



All Purpose Sewing Thread

All purpose sewing thread is made of synthetic, cotton or cotton covered polyester. This type of thread is used for most sewing projects, including garments, home decor, and quilting.

Decorative Thread

Decorative thread is made from a variety of fibers: rayon, polyester, acrylic or metallic. These threads create a smooth glossy appearance for decorative stitching.

Decorative thread is not typically used in the bobbin unless both sides of the project will be seen. A light weight, bobbin thread is often used in the bobbin instead. The lighter weight thread does not build up under the stitches.

Transparent Thread

Transparent thread, also called monofilament thread, is a single clear synthetic thread. It is used for quilting and other decorative sewing. When winding a bobbin, wind at half speed and fill the bobbin half full.

Needles

The sewing machine needle plays an important role in successful sewing. Use only quality needles. We recommend needles of system 130/705H. The needle package included with your machine contains needles of the most frequently used sizes.

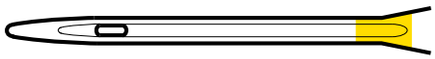
⚠ *Be sure to match the needle to the thread you are using. Heavier threads require a needle with a larger needle eye. If the needle eye is too small for the thread the automatic needle threader may not work properly.*

Universal Needle

Universal needles have a slightly rounded point and come in a variety of sizes. For general sewing in a variety of fabric types and weights.

Stretch Needle

Stretch needles have a special scarf to eliminate skipped stitches when there is a flex in the fabric. For knits, swimwear, fleece, synthetic suedes and leathers.

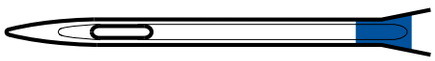


Embroidery Needle

Embroidery needles have a special scarf, a slightly rounded point and a slightly larger eye to avoid damage to thread and materials. Use with metallic and other specialty threads for embroidery and decorative sewing.

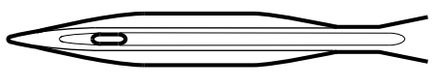
Denim Needle

Denim needles have a sharp point to penetrate tightly woven fabrics without deflecting the needle. For canvas, denim, microfibers.



Wing Needle

Wing needles have wide wings on the side of the needle to poke holes in the fabric when sewing entredeux and other hemstitches on natural fiber fabrics.

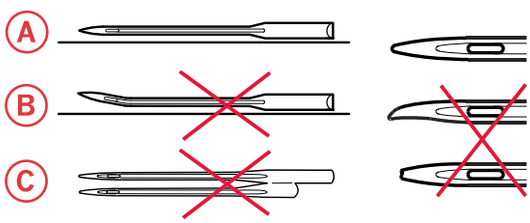


Important Needle Information

Change the needle often. Always use a straight needle with a sharp point (A).

A damaged needle (B) can cause skipped stitches, breakage or snapping of the thread. It can also damage the needle plate.

Do not use asymmetrical twin needles (C), they can damage your sewing machine.



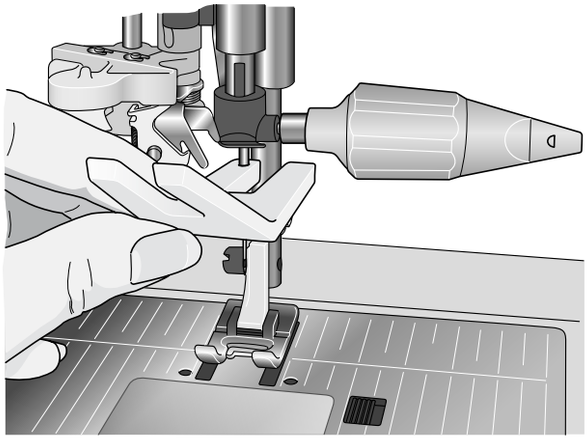
Changing the Needle

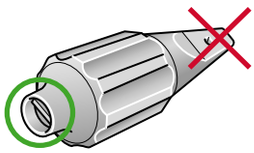
1. Use the hole in the multipurpose tool to hold the needle.
2. Loosen the needle screw with the universal tool.
3. Remove the needle.
4. Insert the new needle using the multipurpose tool. Push the new needle upwards with the flat side away from you until it will go no further.

   ⚠ *It is very important that the needle is inserted all the way in order for the automatic needle threader to work properly.*

5. Tighten the needle screw with the universal tool.

⚠ *Use the rounded end of the universal tool to loosen and tighten the screw.*





Threading

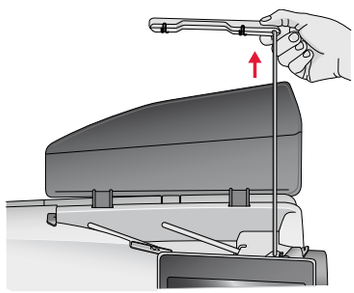
Make sure that the presser foot and needle are in the up position.

Threading the Upper Thread

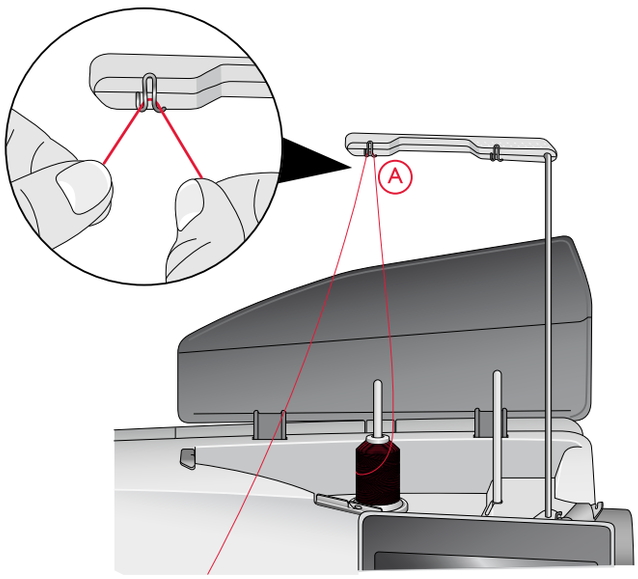
For most regular thread qualities and spool sizes, threading the upper thread from the main (left) spool pin in the vertical position is recommended for optimal sewing results.

If you experience problems with the thread or sewing result, there are alternative ways to position the thread spool. See Threading Tips and Hints, page 32.

1. Hold the telescopic thread guide by the markings and pull it straight up until it clicks into place.

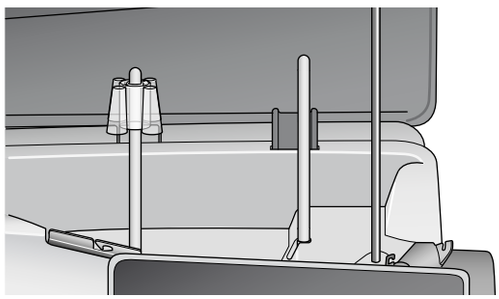


2. Raise both spool pins to vertical position. Place the thread spool on the main spool pin (left).
   Using both hands, place the thread behind the left clip on the telescopic thread guide (A). The thread should run from right to left.



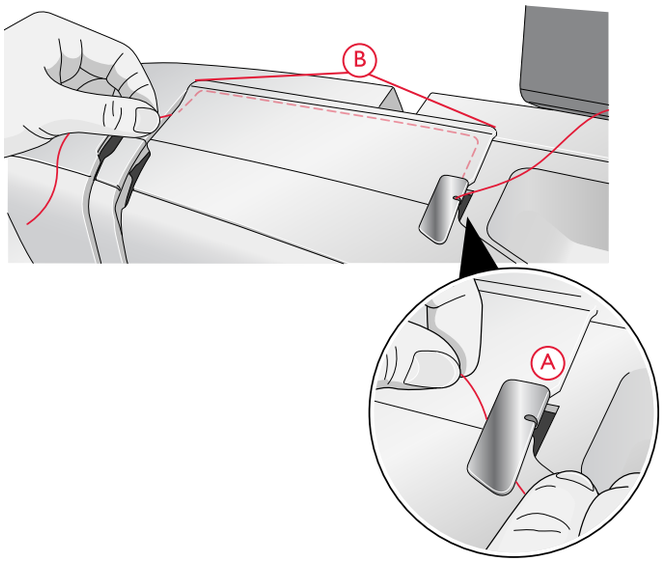
Note: When using thread cones, place a cone holder on the spool pin before placing the thread cone. This prevents the thread cone from wobbling.

Tip: When removing the thread cone from the spool pin, the cone holder might become stuck inside the thread cone. Push it out gently from the top.



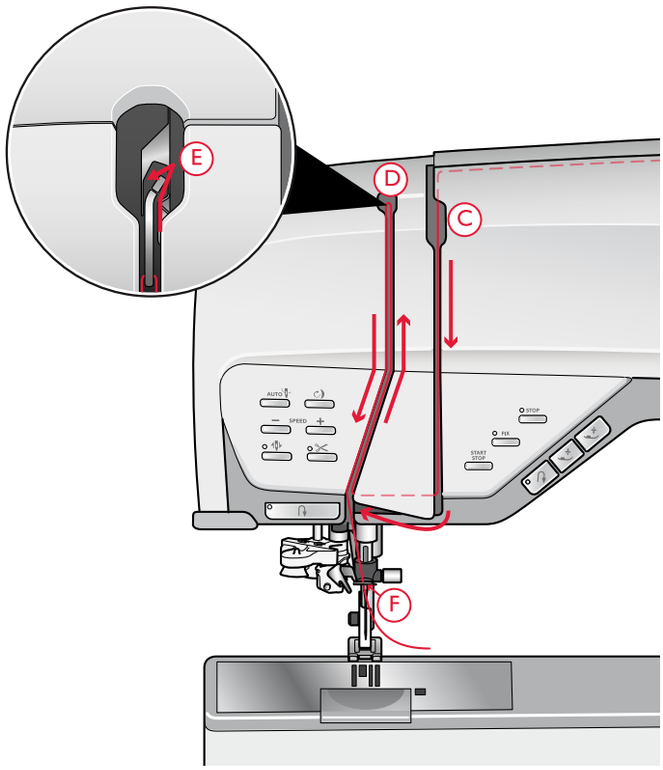
3. Hold the thread with two hands as illustrated. Floss the thread under the thread guide (A) from front to back. Pull thread back into and through threading slot (B).

   Note: Continue to hold the thread lightly next to the thread guide (A) throughout the threading process. This will create a bit of tension on the thread and ensure that the thread is properly seated in the threading path.



4. Pull the thread between the thread tension discs (C). Thread down through the right threading slot and then upwards through the left threading slot. Bring the thread from the right into the take-up lever (D) until it clicks into place (E), and down in the left threading slot to the last thread guide (F) just above the needle.
5. Thread the needle using the automatic needle threader or manually.

   ⚠ *Before using the automatic needle threader, carefully read the instructions and recommendations, see Using the Automatic Needle Threader, page 31.*



Automatic Needle Threader

Selecting Correct Thread/Needle Combination

⚠ *The combination of the thread weight and the needle size is extremely important when using the automatic needle threader. Unsuitable combinations, such as using a heavy weight thread for a fine needle, may cause damage to the needle threader.*

Avoid using fine needles with heavy fabrics to reduce the risk of bending the needle. Using the automatic needle threader with a bent needle may cause damage to the needle threader.

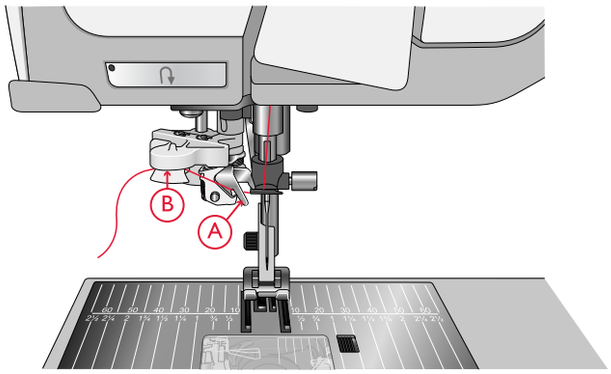
Fabric		**Thread**	**Needle**
Woven light	Chiffon, organza, batiste, challis, crepe de chine, etc.	Light weight threads: • fine cotton, polyester or silk sewing thread • rayon embroidery thread	Universal 130/705H 70/10-80/12
Woven medium	Calico, quilting fabrics, crepe, broadcloth, velvet, etc.	Medium weight threads: • fine/normal cotton or polyester sewing thread • rayon embroidery thread	Universal 130/705H 80/12-90/14
Woven heavy	Denim, tweed, canvas, terrycloth, etc.	Medium/heavy weight threads: • normal cotton or polyester sewing thread • top stitching thread • rayon embroidery thread	Universal 130/705H 90/14-110/18
Stretch light	Tricot, single knit jerseys, etc.	Light weight threads: • fine cotton or polyester sewing thread • rayon embroidery thread	Stretch 130/705H-S 75/11
Stretch medium	Sweater knits, double knit, velour, swimwear, etc.	Medium weight threads: • normal cotton or polyester sewing thread • rayon embroidery thread	Stretch 130/705H-S 90/14
Stretch heavy	Sweater knits, fleece, etc.	Medium weight threads: • normal cotton or polyester sewing thread • rayon embroidery thread	Stretch 130/705H-S 90/14
Leather	Suede and leather	Medium weight threads: • normal cotton or polyester sewing thread • rayon embroidery thread	Stretch 130/705H-S 90/14
Vinyl	Vinyl, faux leather and suede	Medium weight threads: • normal cotton or polyester sewing thread • rayon embroidery thread	Universal 130/705H 80/12

Note: Specialty fabrics and threads may require a special needle for best stitch results. Refer to your HUSQVARNA VIKING® retailer for more information on needle types and sizes for your sewing needs.

Using the Automatic Needle Threader

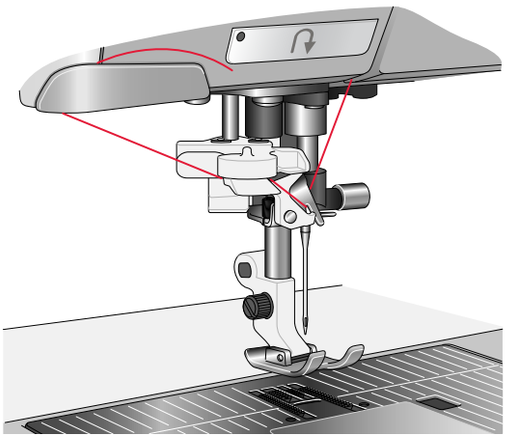
The needle threader allows you to thread the needle automatically by simply touching a button.

⚠ *Make sure that the needle is inserted correctly and pushed up all the way into the needle clamp before using the automatic needle threader. Check that the needle is not damaged or bent, and make sure to match the thread weight and needle size according to our recommendations in Selecting Correct Thread/Needle Combination, page 30.*



1. Place the thread under the hook (A) and pull it between the discs (B) until it "clicks" into place.

2. Pull the thread up to the sewing head thread cutter and cut excess thread by pulling the thread from back to front in the thread cutter.



3. Touch the automatic needle threader button on the sewing head. The presser foot is automatically lowered during the threading sequence, and will rise again when threading is finished.

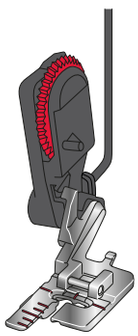
⚠ *The needle threader is designed to be used with needles size 70-120. You cannot use the needle threader with needles size 65 or smaller, wing needles, twin needles or triple needles.*

Specialty threads such as invisible and other stretchy threads, metallic or flat metallic threads, and some heavy weight threads may not be caught correctly by the hook on the automatic needle threader. If this happens, the needle will not be threaded. Try using the automatic needle threader again or thread the needle manually.

When threading the needle manually, make sure that the needle is threaded from front to back.

The automatic needle threader cannot be used with all optional accessories available for your EPIC™ machine. To avoid damage to the needle threader and/or optional accessory we recommend using the automatic needle threader before attaching the accessory or thread the needle manually.

⚠ *Before using the needle threader with the Sensor One-Step Buttonhole Foot attached, lift the wheel of the foot up to avoid damage to the needle threader and foot.*



Threading Tips and Hints

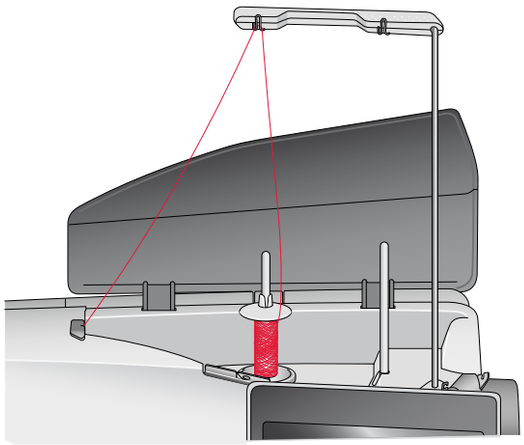
There are many threads on the market today developed for different purposes. The quality and structure of the thread as well as the shape and size of the thread spool can affect the behavior of the thread. Threads can also behave differently if the spool is full or nearly empty.

If experiencing problems, try the tips and hints below.

Note: Always test sew on a scrap piece of fabric to check the sewing result.

If the thread spool is pulled up on the spool pin

When the thread on the spool is running low, the thread can snag on the edge of the spool and pull the spool up on the spool pin. Place a spool cap on top of the thread spool to keep it in place. Always use a spool cap slightly larger than the thread spool to prevent the thread from snagging. The flat side of the spool cap should be pressed firmly against the spool. There should be no space between the spool cap and the thread spool.

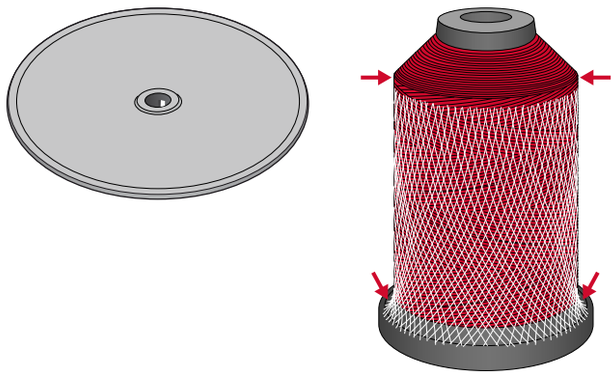


If the thread slides down on the standing thread spool

If the thread is of a quality that unwinds easily and slides down on the standing thread spool it can get caught under the thread spool around the spool pin and break. Place the large spool holder on the spool pin with the flat side up before placing the thread spool.

If the thread spool has the same diameter as the large spool holder, place a thread net as illustrated from below over the spool before placing it on the spool pin.

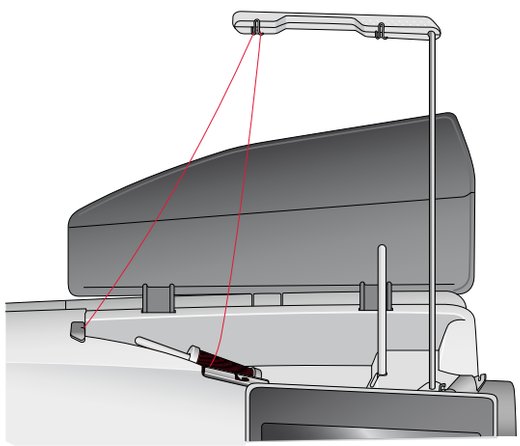
Note: To prevent snagging or increased thread tension on the thread, the thread net should cover the lower part of the thread spool only, not the top where the thread spool narrows.



If the thread tangles or curls when unwinding from the spool

For smaller spools of specialty thread, the main spool pin can be used in tilted position, allowing the thread to roll off the spool.

Place the thread spool on the spool pin. Do not place a spool cap on top of the spool as it may prevent the spool from rotating. Pull thread up to the telescopic thread guide and thread as described under Threading the Upper Thread, page 28.

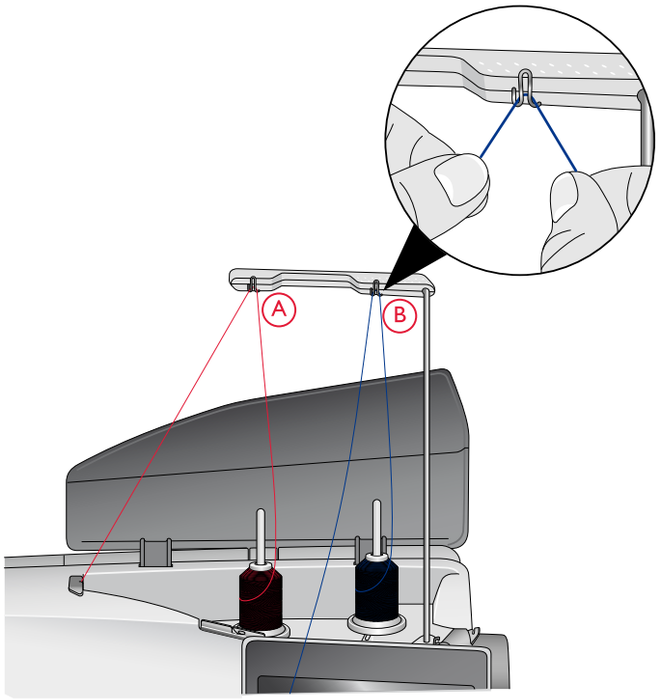


Threading for Twin Needle

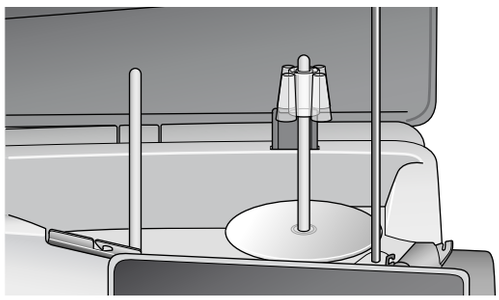
Replace the sewing needle with a twin needle. Make sure that the presser foot and needle are in the up position.

1. Raise both spool pins to vertical position. Place a thread spool on each spool pin.
   Using both hands, place the thread from the main spool pin behind the left clip on the telescopic thread guide (A), from right to left, and then place the thread from the auxiliary spool pin behind the right clip on the telescopic thread guide (B), from right to left.

   Note: Do not place the thread from the auxiliary spool pin behind both clips on the telescopic thread guide, as this will create too much thread tension.

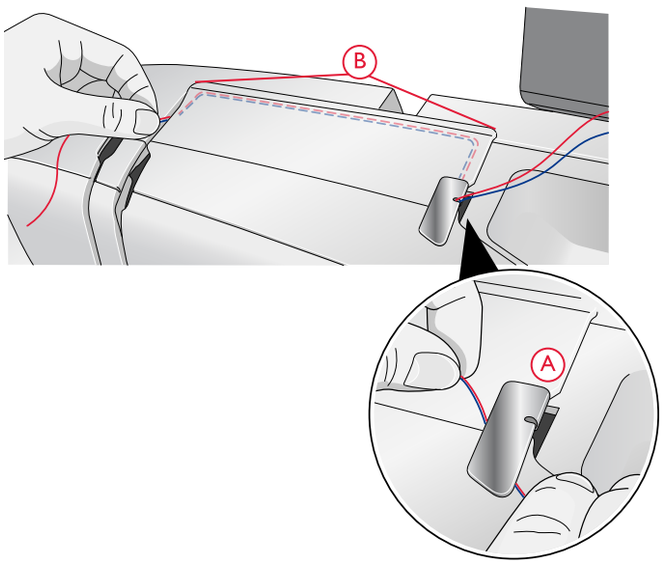


Note: When using large thread cones on the auxiliary spool pin, place the large spool holder with the flat side up and a cone holder on the spool pin before adding the thread cone.



2. Hold both threads with two hands as illustrated. Floss the threads under the thread guide (A) from front to back. Pull the threads together back into and through threading slot (B).

   Note: Continue to hold the threads lightly next to the thread guide (A) throughout the threading process. This will create a bit of tension on the threads and ensure that the threads are properly seated in the threading path.

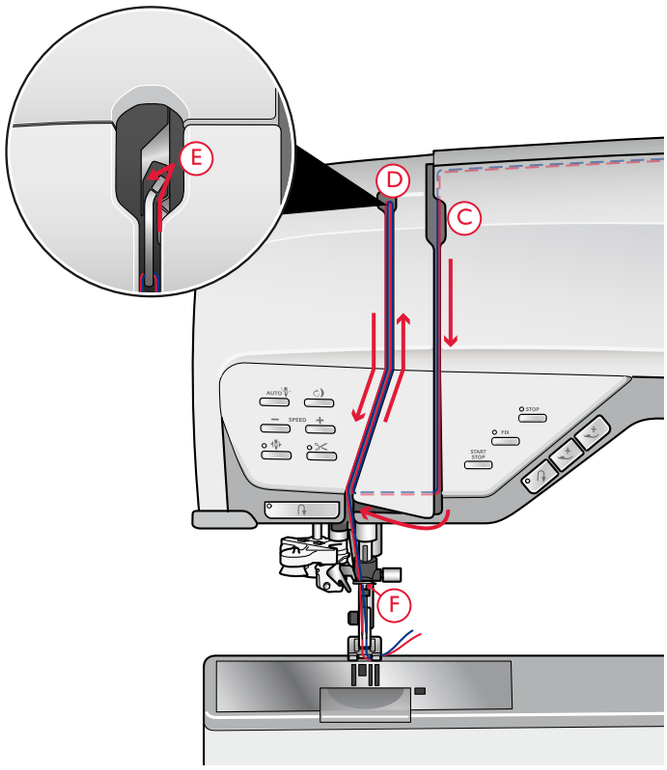


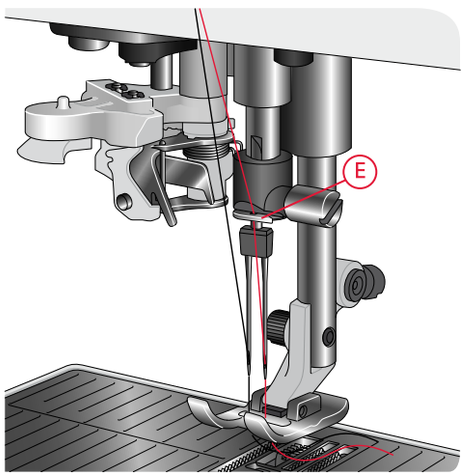
3. Pull the threads between the thread tension discs (C). Make sure that you place one thread to the left and one to the right side of the tension discs.
Thread down through the right threading slot and then upwards through the left threading slot. Bring the threads from the right into the take-up lever (D) until they click into place (E), and down in the left threading slot. One thread should be placed inside the needle thread guide (F) and the other one outside. Make sure the threads do not become twisted together.

4. Thread the twin needle manually.

⚠ *Do not use the automatic needle threader for twin needle!*

Note: The weight and irregular surface of specialty threads such as metallic increases the amount of friction on the thread. By reducing the tension, the risk of needle breakage and thread breakage is reduced.



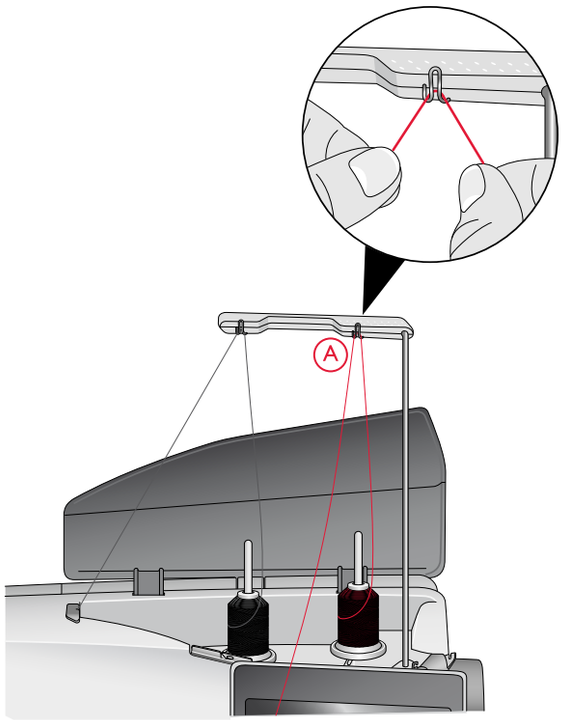


Bobbin Winding

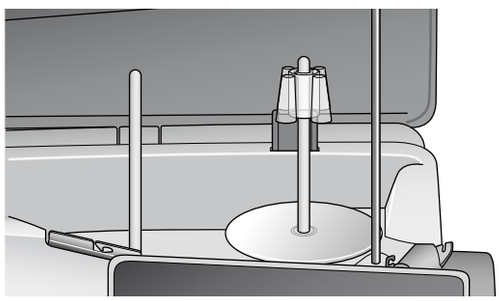
All types of thread, including specialty threads such as invisible or other stretchy threads, metallic or flat metallic threads, should be wound directly from the auxiliary spool pin without passing the needle and presser foot.

Note: Always wind specialty threads at lower speed.

1. Place a thread spool on the auxiliary spool pin.
   Using both hands, pull the thread behind the right clip on the telescopic thread guide (A). The thread should run from right to left.

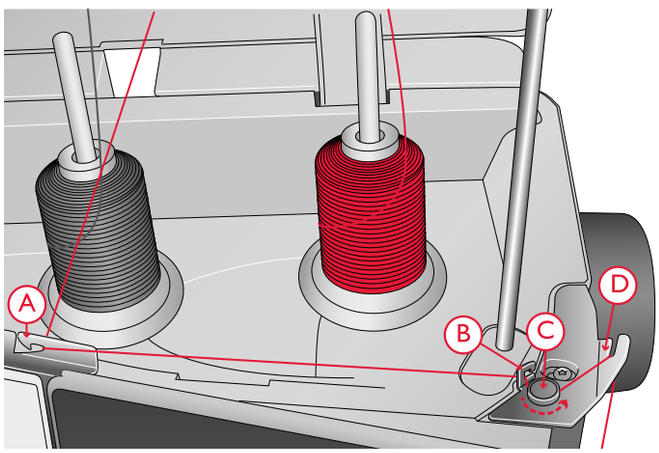


Note: When using large thread cones, place the large spool holder with the flat side up and a cone holder on the auxiliary spool pin before adding the thread cone.



2. Bring the thread through bobbin winding thread guide (A) from back to front and to the right.
   Bring the thread through bobbin winding thread guide (B), around the thread tension disc (C) and down through thread guide (D) as illustrated.

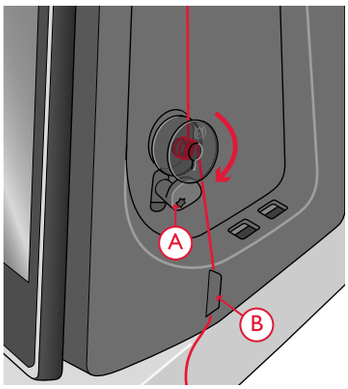
   ⚠ *For some specialty threads, following the normal threading path will result in a bobbin that is wound too tight. If this happens, bypass thread guide (B) and thread tension disc (C) to reduce the amount of tension on the thread. Pull the thread from thread guide (A) directly to thread guide (D) instead.*



3. Place the bobbin on the bobbin spindle on the lower right side of the machine. The bobbin only fits on one way, with the logo facing out.

   ⚠ *The bobbins included are designed especially for your EPIC™ machine. Do not use bobbins from other machine models.*

   Wind a few turns of thread clockwise around the bobbin and cut excess thread with the thread cutter (B).



4. Push the bobbin winding lever (A) towards the bobbin. A pop-up appears on screen. To adjust winding speed drag the slider. Stop and start the bobbin winding with the button in the pop-up.
5. When the bobbin is full, the bobbin winding lever will move back and the winding will stop automatically. The pop-up message closes. Remove the bobbin and cut the thread using the bobbin winding thread cutter (B).

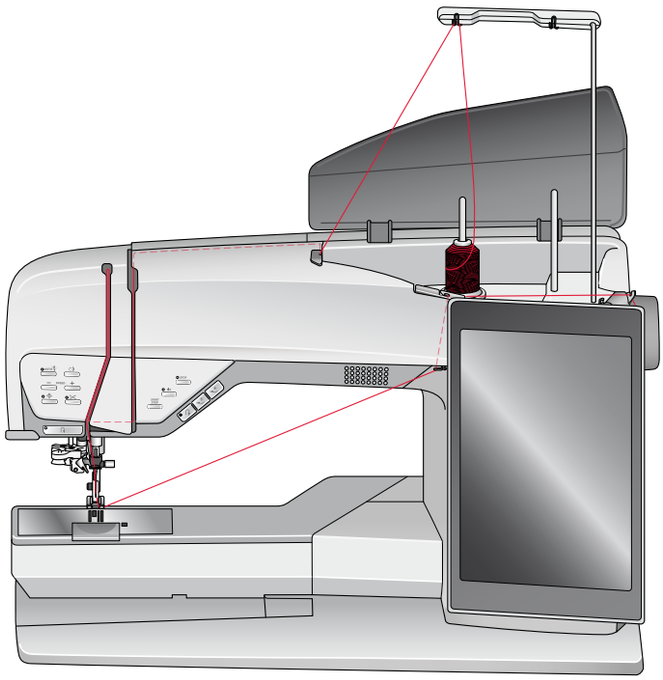
Winding Through the Needle

When using the same thread in the needle and bobbin, it is convenient to wind a new bobbin directly through the needle without having to unthread/re-thread your machine.

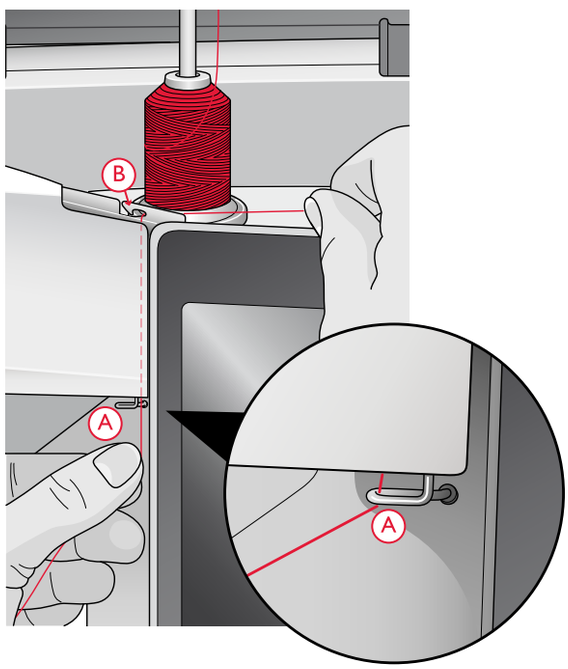
⚠ *We do not recommend winding speciality threads such as invisible or other stretchy threads, metallic or flat metallic threads through the needle. Very heavy and coarse threads should not be wound through the needle either as the thread tension can become too high, causing the needle to break. Wind specialty threads as described under Bobbin Winding, page 35.*

1. Make sure that the presser foot and needle are in the up position.
2. Thread the machine as described under Threading the Upper Thread, page 28.
3. Pull the thread from the needle, under the presser foot and up to the right.

   Note: Always use a metal presser foot when bobbin winding from the needle.

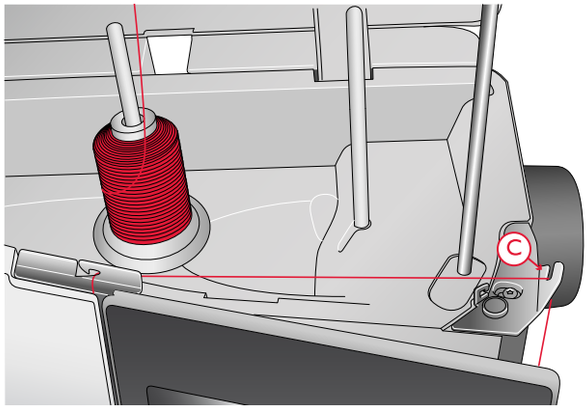


4. Use both hands to bring the thread through bobbin winding thread guide (A), up through the threading slot and from left to right through thread guide (B).



5. Bring the thread directly through bobbin winding thread guide (C).

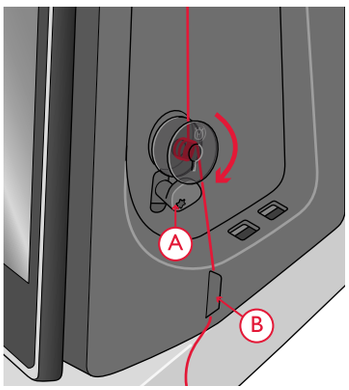
   Note: Bypass the tension disc when winding through the needle.



6. Place the bobbin on the bobbin spindle on the lower right side of the machine. The bobbin only fits on one way, with the logo facing out.

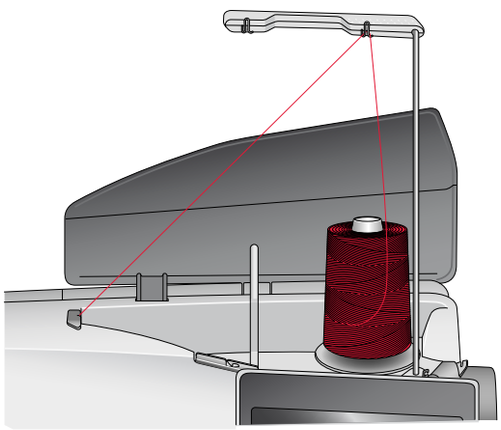
   ⚠ *The bobbins included are designed especially for your EPIC™ machine. Do not use bobbins from other machine models.*

   Wind a few turns of thread clockwise around the bobbin and cut excess thread with the thread cutter (B).



7. Push the bobbin winding lever (A) towards the bobbin. A pop-up appears on screen. To adjust winding speed drag the slider. Stop and start the bobbin winding with the button in the pop-up.
8. When the bobbin is full, the bobbin winding lever will move back and the winding will stop automatically. The pop-up message closes. Remove the bobbin and cut the thread using the bobbin winding thread cutter (B).

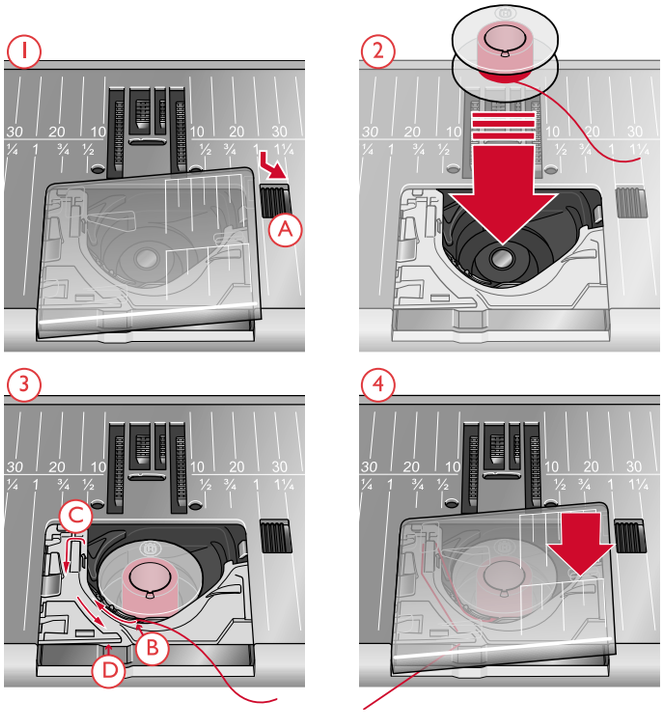
Note: If you experience difficulty winding a bobbin through the needle and you are using a large thread cone, move the cone to the auxiliary spool pin and use the right clip on the telescopic thread guide instead. Place the large spool holder with the flat side up and a cone holder on the auxiliary spool pin before adding the thread cone.



Inserting the Bobbin

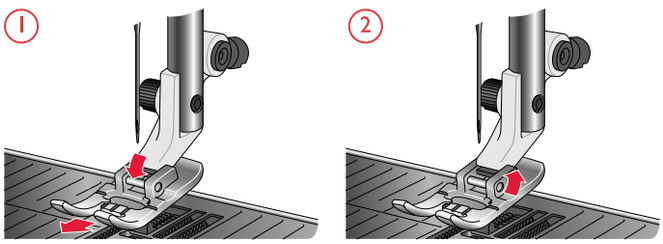
⚠ *Use only the bobbins designed for your EPIC™ machine.*

1. Open the bobbin cover by pushing the release button (A) to the right. Remove the cover.
2. Place the bobbin in the bobbin case. It drops in only one way with the logo facing up. The bobbin will then rotate counterclockwise when you pull the thread.
3. Place your finger on the bobbin to keep it from turning as you pull the thread firmly to the right and then to the left into the tension spring (B) until it "clicks" into place. Continue threading around (C) and to the right of the thread cutter (D).
4. Replace the bobbin cover. Pull the thread to the left to cut.



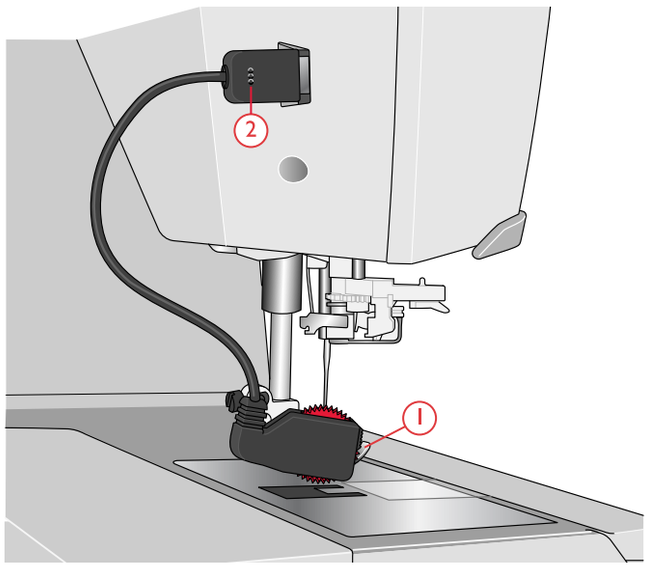
Changing the Presser Foot

1. Make sure that the needle is in the highest position. Pull the presser foot down and towards you.
2. Line up the cross pin on the foot with the gap in the presser foot ankle. Push the foot into the gap until the foot snaps into place.

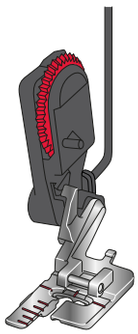


Attaching the Sensor One-Step Buttonhole Foot

1. Snap on the Sensor One-Step Buttonhole Foot.
2. Insert the plug, with the three dots facing out, into the accessory socket at the back of the sewing head.



⚠ *Before using the automatic needle threader with the Sensor One-Step Buttonhole Foot attached, lift the wheel of the foot up to avoid damage to the needle threader and foot.*

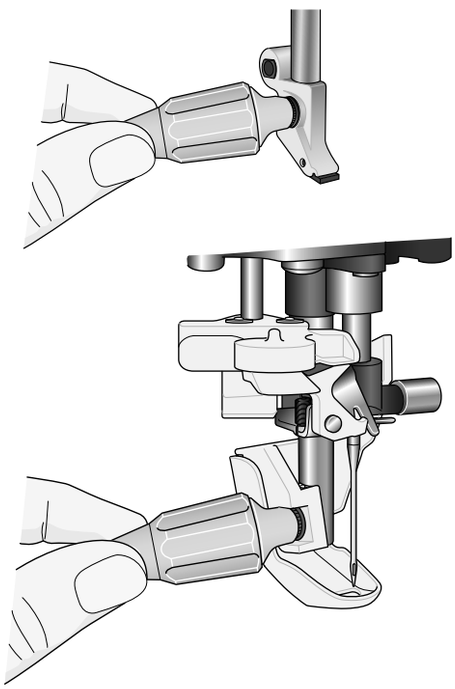


Attaching the Sensor Q-Foot

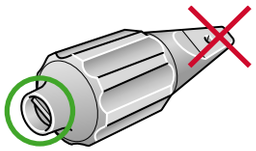
1. Using the universal tool, remove the presser foot ankle.

   Note: Do not remove the presser foot ankle screw from the universal tool after unscrewing it. The universal tool is magnetic and will hold the screw, making it easy to replace and less likely to be lost.

2. Position the Sensor Q-Foot onto the presser foot bar from behind, lining the hole on the foot up with the hole on the presser foot bar. Lower the needle into the opening of the foot by turning the handwheel towards you. The arm of the presser foot should rest on top of the needle screw. Insert and tighten the presser foot ankle screw using the universal tool.



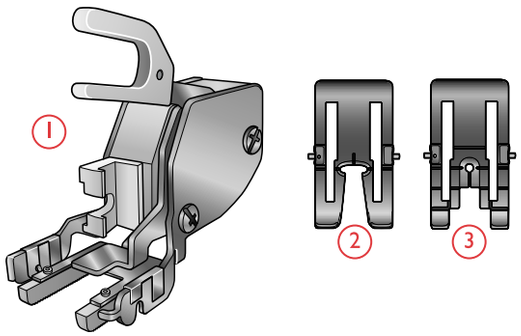
⚠ *Use the rounded end of the universal tool to loosen and tighten the screw.*



Dual Feed With Changeable Presser Feet

The Dual Feed Foot with changeable presser feet is designed to feed layers of fabric and/or batting evenly. It is perfect for quilting, sewing velvet, stretch fabrics, imitation leathers and fabrics that need precise pattern matching. Snap on the Changeable Straight Stitch Foot when using the straight stitch in the center needle position with a stitch length up to 6mm. Snap on the Changeable Zigzag Foot when selecting stitches up to 7mm wide and 6mm long.

Note: Look for optional dual feed accessories in the online accessory user's guide at www.husqvarnaviking.com or at your HUSQVARNA VIKING® retailer.



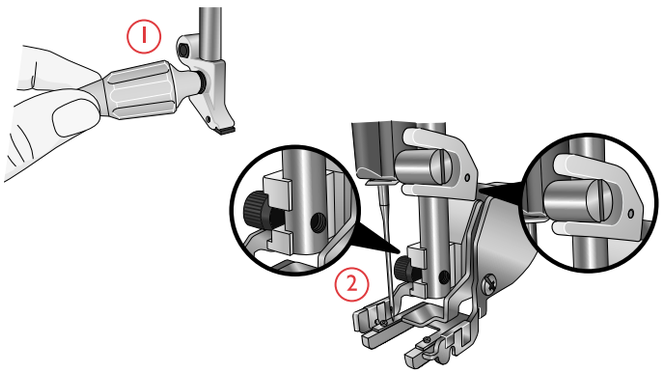
1. Dual Feed
2. Changeable Zigzag Foot
3. Changeable Straight Stitch Foot

Attaching the Dual Feed

1. Using the universal tool, remove the presser foot ankle.

   Note: Do not remove the presser foot ankle screw from the universal tool after unscrewing it. The universal tool is magnetic and will hold the screw, making it easy to replace and less likely to be lost.

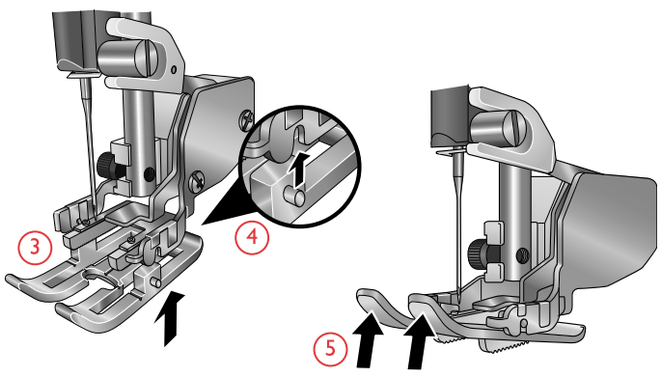
2. Place the dual feed on your machine from the back, positioning the fork over the needle clamp screw. Then screw the dual feed onto the presser foot bar with the presser foot ankle screw.



Snap on and Remove the Presser Foot

3. With presser foot bar in the up position, place the presser foot under the dual feed.
4. Push the foot upwards so that it snaps into place.
5. To remove the foot, push the front of the foot upwards until the foot snaps off.

   Note: Always keep the dual feed with a foot snapped-on when it is not attached to the machine.

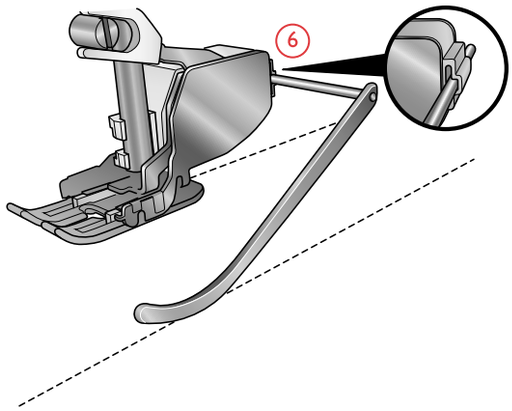


How to Attach the Guide

The two edge/quilting guides included with your machine will help you sew parallel rows of stitching side by side as in channel quilting or tucking. There is one guide for the left side, and one for the right.

6. Insert the guide into the hole in the back of the dual feed. Adjust the space between the foot and the guide by pulling it to the left or to the right.

Note: The edge guides can also be used without the dual feed. Insert one into the hole at the back of the presser foot ankle and tighten the screw.



Changing to Straight Stitch Plate

The Straight Stitch Plate is used when using certain techniques in sewing mode, such as quilt piecing. The smaller hole in the Straight Stitch Plate supports the fabric closer to the needle and helps prevent the fabric from being pulled down into the bobbin area, especially at the beginning and/or end of a seam.

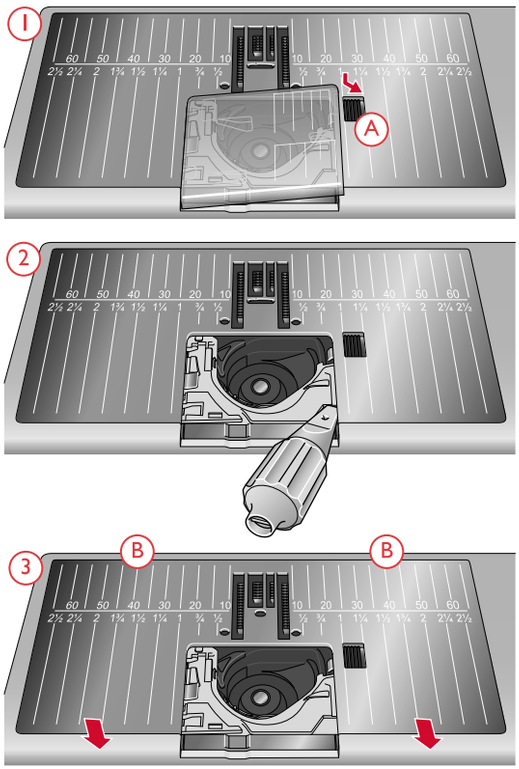
1. Remove the presser foot. Open the bobbin cover by pushing the release button (A) to the right. Remove the cover.
2. Make sure that the feed teeth are lowered. Place the universal tool under the needle plate as shown and gently turn the universal tool to pop off the needle plate.

   Note: Lower the feed teeth by touching the presser foot up and extra lift button.

   Note: When changing the needle plate, clean any lint and threads from the bobbin area.

3. With feed teeth lowered, position the Straight Stitch Plate so that it fits into the notches at the back (B). Press the Straight Stitch Plate down until it clicks into place. Replace the bobbin cover.

⚠ *To prevent needle breakage or damage to the plate, remove any accessory that is not compatible with the Straight Stitch Plate, such as twin needle.*



3 Maintenance

Cleaning the Machine Exterior

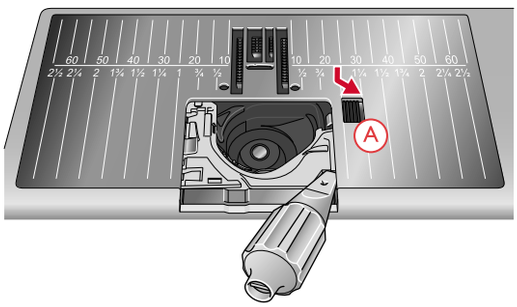
To keep your sewing machine operating well, clean it often. No lubrication (oiling) is needed.

Wipe the exterior surface of your machine with a soft cloth to remove any dust or lint built up.

Wipe the screen with a clean, soft and slightly damp microfiber cloth.

Removing the Needle Plate and Cleaning the Bobbin Area

⚠ *Lower the feed teeth by touching the presser foot up and extra lift button. Turn off the machine.*



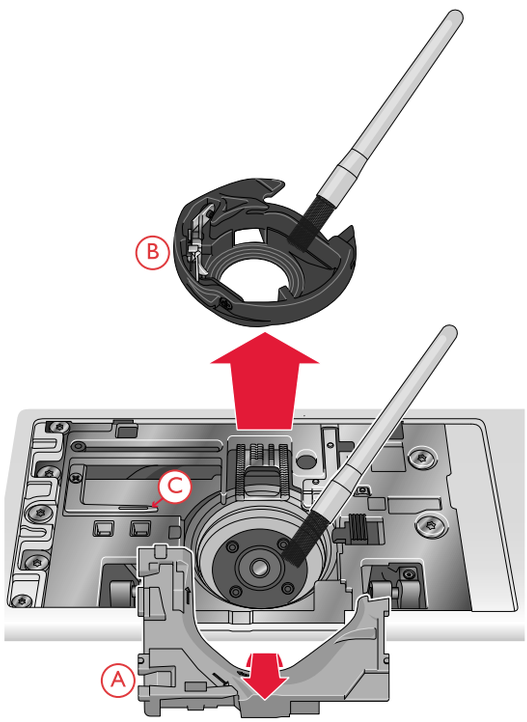
Remove the presser foot. Open the bobbin cover by pushing the release button (A) to the right. Remove the cover. Place the universal tool under the needle plate as shown and gently turn the universal tool to pop off the needle plate. Clean the feed teeth with the brush that is included with the accessories.

Cleaning Under the Bobbin Area

Clean the area under the bobbin case after sewing several projects or any time you notice an accumulation of lint in the bobbin case area.

Remove the bobbin case holder (A) covering the front part of the bobbin case by lifting it up. Remove the bobbin case (B) by lifting it up. Clean with the brush.

⚠ *Use caution when cleaning around the automatic thread cutter knife (C).*



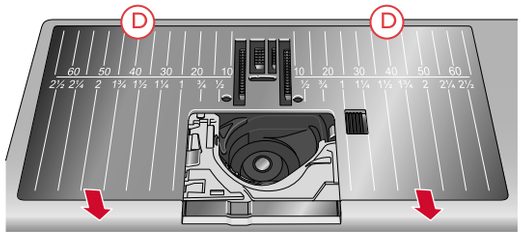
Put the bobbin case and the bobbin case holder back in place.

Note: Do not blow air into the bobbin case area. The dust and lint will be blown into your machine.

Note: Regularly clean the lint and threads from the bobbin area. Check the area when changing the needle plate.

Replacing the Needle Plate

With feed teeth lowered, position the needle plate so that it fits into the notch at the back (D). Press the needle plate down until it clicks into place. Replace the bobbin cover.



Troubleshooting

In this troubleshooting guide you will find solutions to the problems you may have with your machine. For further information please contact your local authorized HUSQVARNA VIKING® retailer who will be happy to help you.

Note: For problems with the firmware, such as WiFi connection and ***mySewnet™*** *services, please refer to the troubleshooting section in the built-in user's guide.*

General Problems

Bobbin alarm does not work	Clean lint from bobbin area and use only the original HUSQVARNA VIKING® bobbins designed especially for this model.
Thread cutter does not cut the thread	Remove needle plate and clean lint from bobbin area. Enable automatic thread cutter in the settings menu.
Fabric does not feed	Make sure the machine is not set for free motion sewing. Make sure the feed teeth are not set to down in the settings menu.
Wrong stitch, irregular or narrow stitch	Deactivate twin needle or stitch width safety in the settings menu.
The needle breaks	Insert needle correctly as described, see Changing the Needle, page 27. Use a needle suitable for selected fabric. See Selecting Correct Thread/Needle Combination, page 30.
The machine will not sew	Check that all plugs are securely inserted into the machine and the wall socket.
Poor sewing result	Use only accessories designed for your EPIC™ machine. Follow the on-screen recommendations.
The sewing machine screen and/or function buttons do not respond to touch	The sockets and function buttons on the machine can be sensitive to static electricity. If the screen does not respond to touch, turn the machine OFF and then ON again. If the problem persists, contact your authorized HUSQVARNA VIKING® retailer.
When sewing in heavy and/or dense fabrics the machine emits a distinct sound different from the sound normally generated when sewing.	The sound is not an indication of malfunction. The machine is equipped with a pulsating needle piercing feature that helps the needle to penetrate heavy and/or dense fabrics. The sound is caused when the presser foot and fabric lift with the needle. Increase the presser foot pressure to prevent the foot from lifting. If the sound does not seem to be related to the pulsating needle piercing feature, contact your authorized HUSQVARNA VIKING® retailer for service.

The Automatic Needle Threader Does Not Work Properly

The needle eye is too small for the thread	Use a larger needle size or lighter weight thread. See Selecting Correct Thread/Needle Combination, page 30
Are you using a specialty thread such as an "invisible" or other stretchy thread, metallic or flat metallic thread or heavy weight thread?	Specialty threads may not be caught correctly by the hook on the automatic needle threader. If this happens, the needle will not be threaded. Try using the automatic needle threader again or thread the needle manually.
Pop-up message: The automatic needle threader is not in its home position. Touch OK to calibrate.	The needle threader has shifted from its home position, possibly due to something snagging on it during sewing. Touch OK to calibrate the needle threader and continue sewing.
Pop-up message: The calibration of the automatic needle threader has failed. Touch OK to calibrate again. If the automatic needle threader still does not calibrate correctly, please contact your local authorized service center.	Shown if the machine fails to calibrate the needle threader when turning on the machine. Remove anything that may be blocking the needle threader and touch OK.
Pop-up message: The automatic needle threader seems to be blocked and cannot return to its home position. Touch OK to move the automatic needle threader to position for manual cleaning.	If using thread that is too thick for the needle, the automatic needle threader may not be able to pull the thread through the needle eye. Touch OK to go to manual cleaning. A new pop-up message with further instructions will appear. If you cannot identify the problem or are unable to remove the thread, touch cancel.
Pop-up message: Gently remove any thread that has been stuck in the automatic needle threader or needle eye and touch OK to return the automatic needle threader to its home position.	If using thread that is too thick for the needle, the automatic needle threader may not be able to pull the thread through the needle eye. Remove the thread carefully so as not to damage the small hook that runs through the needle eye. Once the thread is removed, touch OK.
Pop-up message: The automatic needle threader is not in its home position. Further sewing is disabled to prevent damage to the machine. Press the automatic needle threader button on your machine for possibility to try manual cleaning again or contact your local authorized service center.	Contact your authorized HUSQVARNA VIKING® retailer for service.
Pop-up message: The automatic needle threader cannot return to its home position. Further sewing is disabled to prevent damage to the machine. Please contact your local authorized service center.	Contact your authorized HUSQVARNA VIKING® retailer for service.

The Machine Skips Stitches

Did you insert the needle properly?	Insert needle correctly as described, see Changing the Needle, page 27.
Did you insert a wrong needle?	Use needle system 130/705 H. Use a needle suitable for selected fabric and thread. See Selecting Correct Thread/Needle Combination, page 30.
Is the needle bent or blunt?	Insert a new needle.
Did you thread the machine properly?	Remove the thread completely and rethread the machine, see Threading the Upper Thread, page 28.
Is the correct presser foot used?	Attach correct presser foot.
Is the needle too small for the thread?	Change the needle.
Is the fabric moving up and down with the needle when free motion sewing or embroidering?	Attach Sensor Q-Foot.

Needle Thread Breaks

Did you insert the needle properly?	Insert needle correctly, see Changing the Needle, page 27.
Did you insert a wrong needle?	Use needle system 130/705 H. Use a needle suitable for selected fabric and thread. See Selecting Correct Thread/Needle Combination, page 30.
Is the needle bent or blunt?	Insert a new needle.
Did you thread the machine properly?	Remove the thread completely and rethread the machine, see Threading the Upper Thread, page 28.
Does the thread slide down and get caught under the thread spool?	Place the large spool holder with the flat side up under the spool on the spool pin, or for larger spools use a thread net over the spool. See Threading Tips and Hints, page 32.
Is the needle too small for the thread?	Change the needle to the proper size for the thread.
Are you using poor thread with slubs or thread which has become dry?	Change to a new high quality thread purchased from an authorized HUSQVARNA VIKING® retailer.
If using a spool cap on top of the spool, is it too small so the thread snags at the top of the spool?	Attach a spool cap slightly larger than the actual thread spool.
Is the best spool pin position used?	Try a different spool pin position (vertical or horizontal).
Is the needle plate hole damaged?	Change the needle plate.
Is the thread tension too high for selected thread?	Lower the thread tension in small increments until problem is solved.

Bobbin Thread Breaks

Is the correct bobbin used?	Use only bobbins especially designed for the EPIC™ machine.
Did you insert the bobbin properly?	Check the bobbin thread.
Is the needle plate hole damaged?	Change the needle plate.
Is the bobbin area full of lint?	Clean lint from bobbin area and use only the original bobbins approved for this model.
Is the bobbin wound correctly?	Wind a new bobbin.

The Seam Has Uneven Stitches

Is the thread tension correct?	Check needle thread tension. Remove the thread completely and rethread the machine, see Threading the Upper Thread, page 28.
Is the thread you are using thick or slubbed?	Change the thread.
Is the bobbin thread evenly wound?	Check bobbin winding.
Is a correct needle used?	Insert a proper needle correctly as described, see Changing the Needle, page 27. Use a needle suitable for selected fabric. See Selecting Correct Thread/Needle Combination, page 30.

The Machine Does Not Feed or Feeds Irregularly

Did you thread the machine properly?	Remove the thread completely and rethread the machine, see Threading the Upper Thread, page 28.
Has sewing lint collected between the feed teeth?	Remove the needle plate and clean the feed teeth with the brush.

Is the free motion setting on?	Turn off free motion setting in sewing mode.
Are the feed teeth set to down?	Make sure the feed teeth are not set to down in the settings menu.
Is the correct presser foot used?	Attach correct presser foot.

Troubleshooting Connectivity

The Machine Cannot Connect to a WiFi Network

The machine will not connect to a WiFi network	Make sure that WiFi is enabled on your machine. Touch the WiFi button on the topbar or go to WiFi settings. Make sure that the machine detects a signal from your WiFi network. If there is no signal, move the machine closer to the WiFi router. Make sure you have selected your WiFi network.
The machine has no Internet connection	Make sure that your WiFi router has access to the Internet.
The WiFi network is password protected	Make sure that you have selected your WiFi network and entered the correct password. If you do not know the password, contact the administrator of your network.

The Machine Cannot Synchronize with the *mySewnet*™ Cloud

The machine cannot synchronize files with the *mySewnet*™ cloud	Make sure that you have a working WiFi connection. Make sure that you have signed in to your *mySewnet*™ account. New *mySewnet*™ accounts are registered in the machine or at husqvarnaviking.mysewnet.com Make sure that there is available space on the *mySewnet*™ cloud. If the *mySewnet*™ cloud is not accessible although you have checked the WiFi connection, the server could temporarily be unavailable. Please try again later.

Service

Have Your Sewing Machine Serviced Regularly by Your Local Authorized Retailer!

If you have followed this troubleshooting information and still have problems, contact your retailer. It may be helpful to bring the fabric, thread and stabilizer you are using with you. If you have a stitch out that shows the problem, please bring that as well. A sewing sample will often give better information than words and help your technician diagnose the problem.

Non-Original Parts and Accessories

The warranty does not cover any defect or damage caused by use of non-original accessories or parts.

You have purchased a modern, updatable sewing machine. As we regularly release firmware updates, it is possible that there may be some differences between the machine firmware and the firmware described in the user's guide. Consult your local authorized HUSQVARNA VIKING® retailer, and be sure to visit our website at www.husqvarnaviking.com for the latest updates of the firmware and the user's guide.

We reserve the right to change the machine equipment and the assortment of accessories without prior notice, or make modifications to the performance or design. Such modifications, however, will always be to the benefit of the user and the product.

INTELLECTUAL PROPERTY

Patents protecting this product are listed on a label positioned underneath the Sewing Machine.
DELUXE, EPIC, JOYOS ADVISOR, MYSEWNET, VIKING, and KEEPING THE WORLD SEWING & Design are trademarks of Singer Sourcing Limited LLC.
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Please note that on disposal, this product must be safely recycled in accordance with relevant National legislation relating to electrical/electronic products. Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available. When replacing old appliances with new ones, the retailer may be legally obligated to take back your old appliance for disposal free of charge.

If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

Manufacturer
VSM GROUP AB, **SVP Worldwide**
Drottninggatan 2, SE-56184, Huskvarna, SWEDEN

Husqvarna

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