

GETTING STARTED: M945 Super ACE III Computerised Sewing Machine

To help you get started, please follow these simple instructions in the order shown below.
However, before you do so, read the safety instructions in the Instruction Manual.

Step 1 Unpack the sewing machine, and familiarise yourself with all the parts and controls that are mentioned in these instructions.

Figure 1a

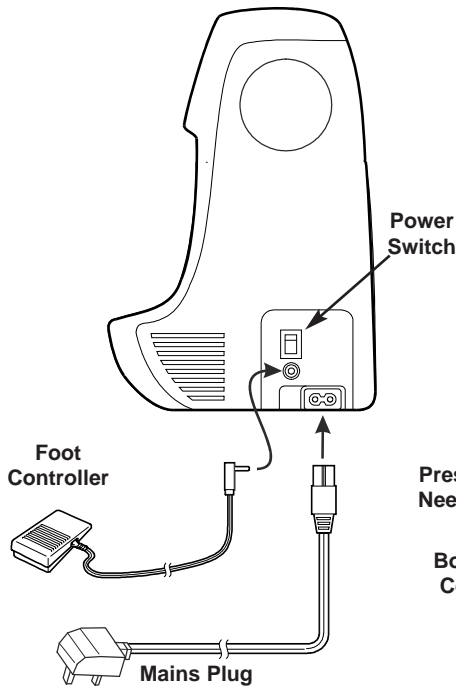
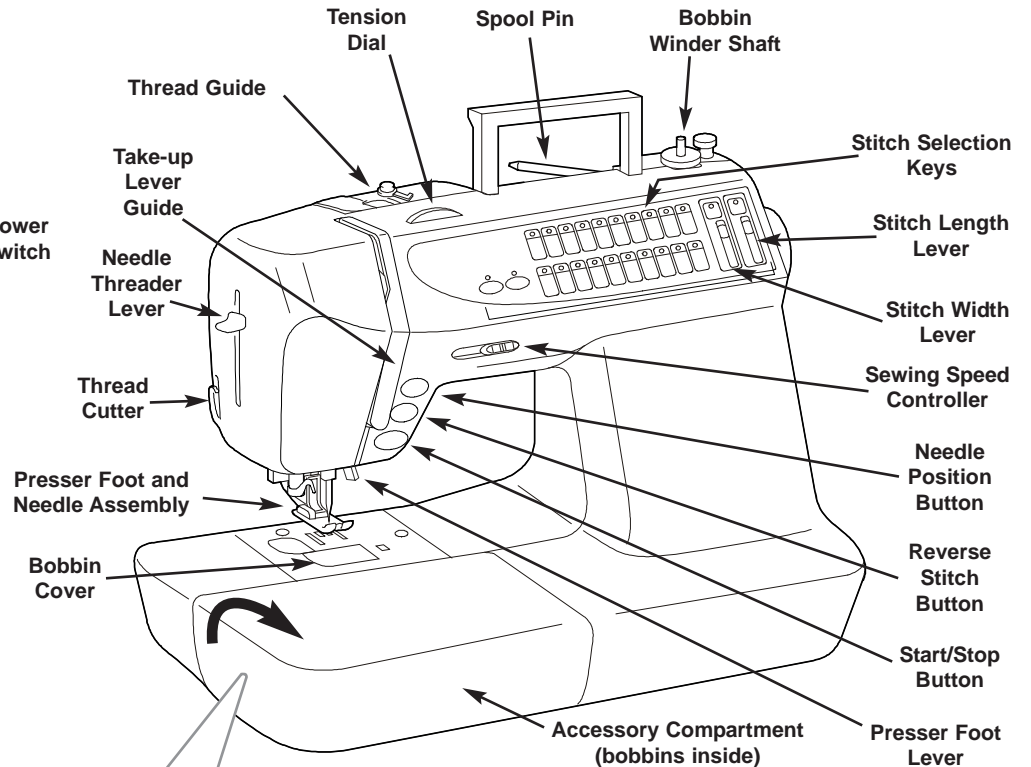


Figure 1b



- Tilt the lid of the **accessory compartment** up and towards you to open it.
- Inside are various accessories including a number of **bobbins**.
- More accessories, including two **spool caps**, can be found inside the **accessory pouch** packed with the machine.

Step 2 Prepare the sewing machine for use.

- The machine can be operated either by the start/stop button or by the foot controller.
- If you intend to use the **foot controller**, plug it in as shown in **figure 1a** and place it on the floor.
- Plug in the **mains connector** at the right hand side of the machine, as shown in **figure 1a**. Connect the **mains plug** into a wall socket.
- Set the **tension dial** to **4**.
- Set the **stitch width** lever to *minimum* and the **stitch length** lever to *midway* (**figure 2a**).
- Set the **sewing speed** controller to *midway* (**figure 2b**).

figure 2a

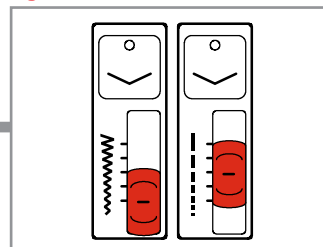
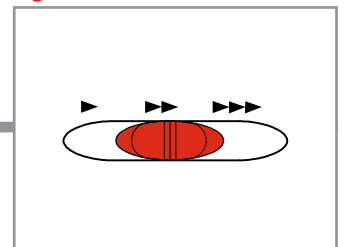


figure 2b



Step 3 Winding the bobbin. (Your machine may be supplied with a fully wound bobbin, but you may want to fill another bobbin with your own thread.)

- Set the **power switch** to on (I) and the **sewing speed controller** to *maximum*.

Place a spool of thread on the **spool pin**, with the thread coming from the bottom (**figure 3a**).

- Choose a **spool cap** slightly larger than the spool, and push it firmly onto the spool pin to hold the spool. If you are using a fine thread, then pull the spool cap back slightly so that there is a slight gap (**figure 3b**).

figure 3a

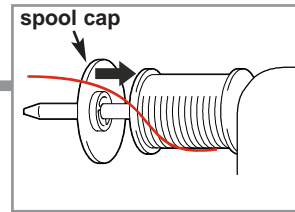


figure 3b

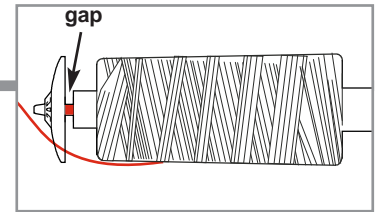
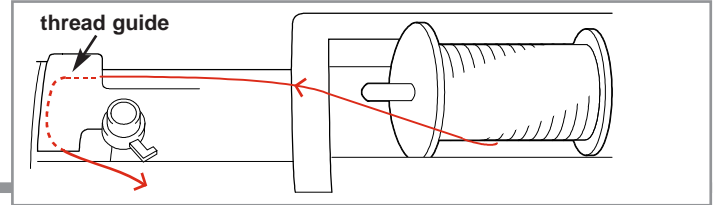


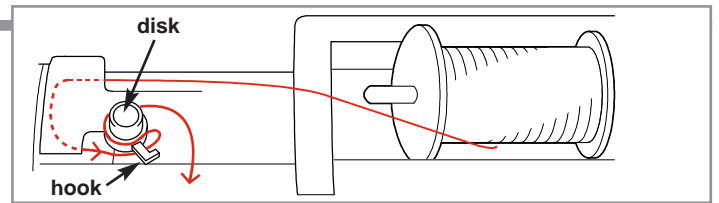
figure 3c



- Unwind some thread and pass the thread under the **thread guide** (**figure 3c**).

- Loop the thread behind and over the **hook** then clockwise around the **disk** (**figure 3d**).

figure 3d



- Clip a bobbin onto the **bobbin winding shaft** (**figure 3e**).

Push the bobbin winding shaft firmly to the right until it clicks into place against the stop.

Wind the thread clockwise around the bobbin four or five times, then pass the thread down through the slit and pull to the right to trim the thread on the **cutter**.

- Using the **start/stop button** or the **foot controller**: start the machine, and continue winding until the winding shaft stops automatically.

Push the bobbin winding shaft back to the left, cut the thread (**figure 3f**), and remove the bobbin from the shaft.

Unwind the thread from the disk.

figure 3e

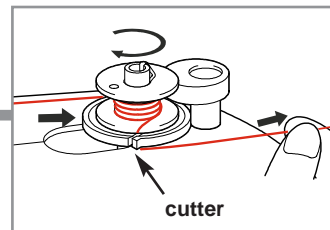
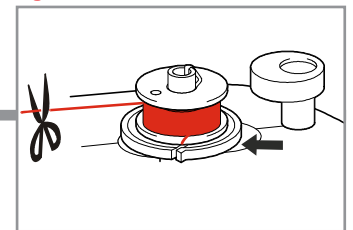


figure 3f



Step 4 Setting the bobbin. (Your machine may be supplied with a bobbin already fitted, but you may want to use another bobbin with your own thread.)

- Open the **bobbin cover** by sliding the latch to the right (**figure 4a**).
- Leaving about 15cm (6in) of thread trailing, insert the bobbin into the shuttle with the thread direction anti-clockwise as shown in **figure 4b**.

Carefully guide the thread around the channel as shown, then pull towards you to trim the thread on the cutter.

figure 4a

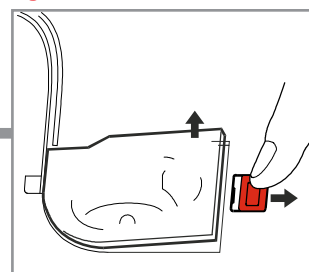
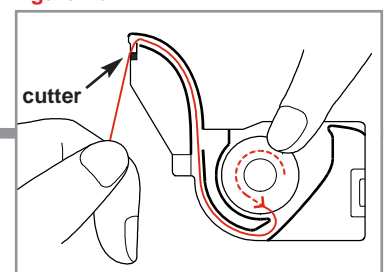


figure 4b



- Close the bobbin cover as follows:

Insert the tab into the slot (**figure 4c**).

Push down on the right side until the cover clicks shut (**figure 4d**).

figure 4c

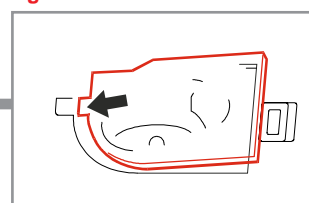
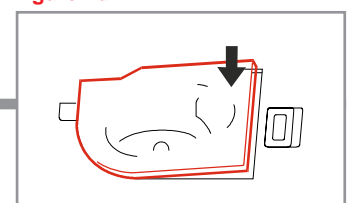


figure 4d



Step 5 Upper threading.

Important:

- Raise the presser foot by pushing the **presser foot lever** upwards (**figure 5a**).
- Raise the needle by pressing the **needle position** button (**figure 5b**).

figure 5a

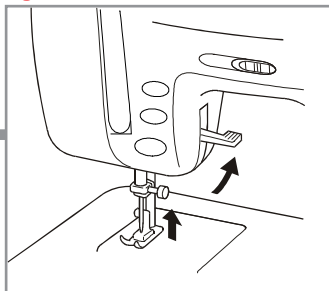
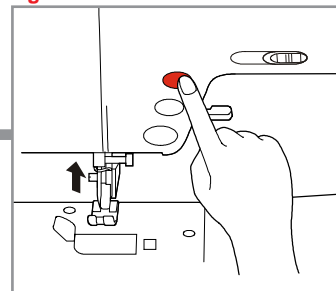


figure 5b



Place a spool of thread on the **spool pin** as described at the beginning of step 3, opposite.

- Unwind about 500mm (20in) of thread and, holding the thread with a finger as shown, pass it under the **thread guide** and forwards down the slot (**figure 5c**).

figure 5c

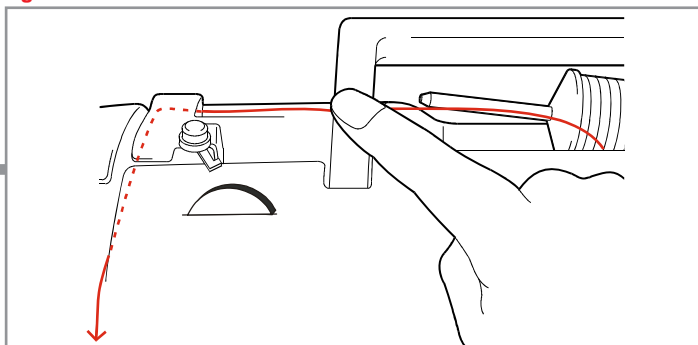
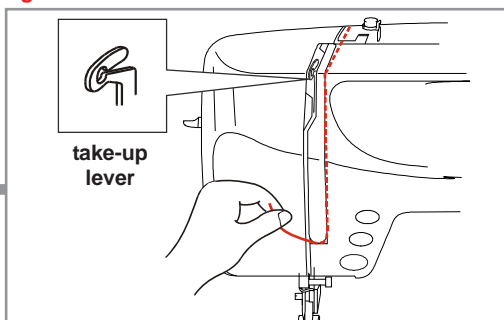


figure 5d



- Pass the thread down to the right of the **take-up lever guide**, then under the guide and back up the left side (**figure 5d**).

figure 5e

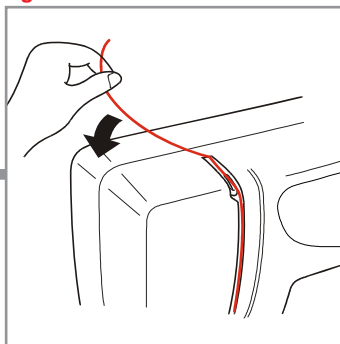
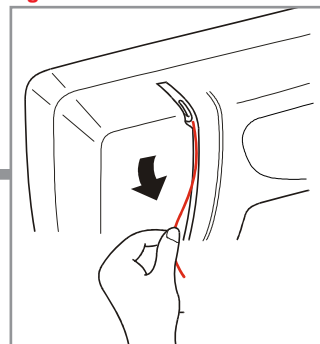


figure 5f



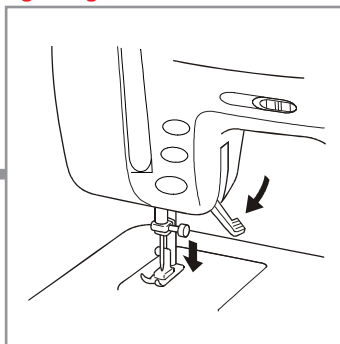
- Pull the thread up the left side of the take-up lever guide, and all the way to the back of the slot (**figure 5e**).
- Pull the thread over to the left, then back downwards again (**figure 5f**).

*This should hook the thread around the **take-up lever**, which is just visible inside the slot. If it does not, then try again.*

Important:

- Lower the presser foot by pushing the **presser foot lever** downwards (**figure 5g**).

figure 5g



Step 6 Threading the needle.

- Pass the thread behind the **needle guide**, leaving about 15cm (6in) of thread trailing (**figure 6a**).
- Pull the thread out to the left, underneath the **threading guide** (**figure 6b**).

figure 6a

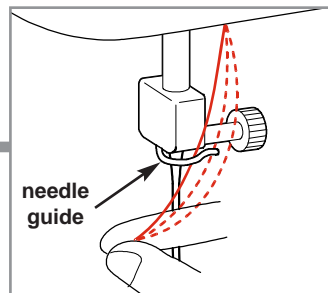
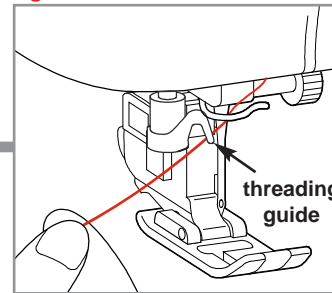


figure 6b



- Push the **needle threader lever** downwards, at the same time gently pulling the thread forwards so that it hooks around **threading guide** (**figure 6c**).
- Continue pushing the lever all the way down, so that the **threader** rotates to engage with the needle (**figure 6d**).

The threader hook will pass right through the eye of the needle from the back.

figure 6c

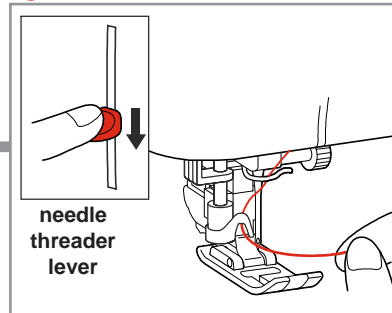
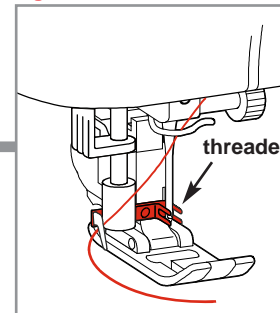


figure 6d



- Pull the thread to the right across the threader, where it should slip under the **hook** (**figure 6e**).
- Holding the thread loosely, release the needle threader lever, so that the hook comes back out of the eye and the threader springs back upwards.

The hook should pull a loop of thread through the needle (**figure 6f**). *If it does not, then try again.*

Pull the loop to draw the thread all the way out through the back of the needle.

- Raise the presser foot, and pass the thread between the toes of the foot, and out towards the back of the machine.

figure 6e

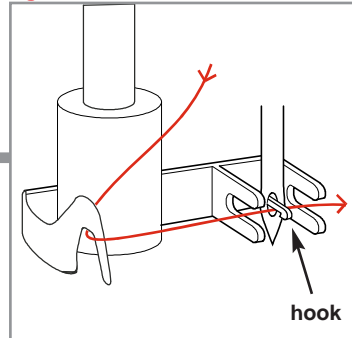
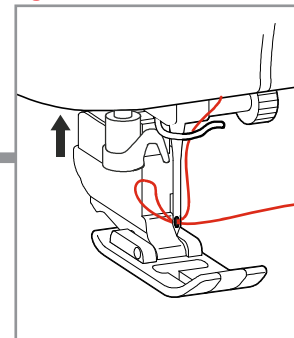


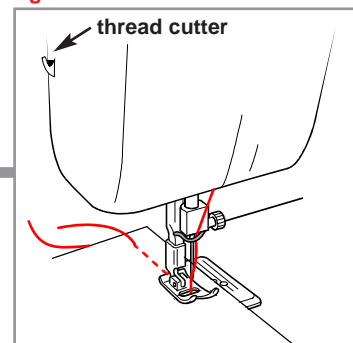
figure 6f



Starting to sew.

- Set the power switch to on (I).
Make sure the presser foot is up by pushing the **presser foot lever** upwards, and the needle is at its highest position by pressing the **needle position** button.
Place the fabric under the foot with the needle about 1 cm (3/8 in) from the rear edge of the fabric, and lower the presser foot onto the fabric.
- Set the **sewing speed control** to *midway* (until you are used to the machine).
To start sewing, press the **start/stop button** or use the **foot controller**.
To stop, press the start/stop button again or release the foot controller.
To reverse sew, press and hold the **reverse stitch button**.
- When you have finished sewing, raise the presser foot and the needle.
Gently pull the fabric out, and cut the thread using the **thread cutter** (**figure 7**).

figure 7



To learn how to use the more advanced features of the Super ACE III sewing machine, you should read the Instruction Manual.
For further assistance, phone: 0870 830 4020, email: support@brother-support.co.uk
or visit our website: www.brother-support.co.uk
Thank you for choosing a Brother product.