

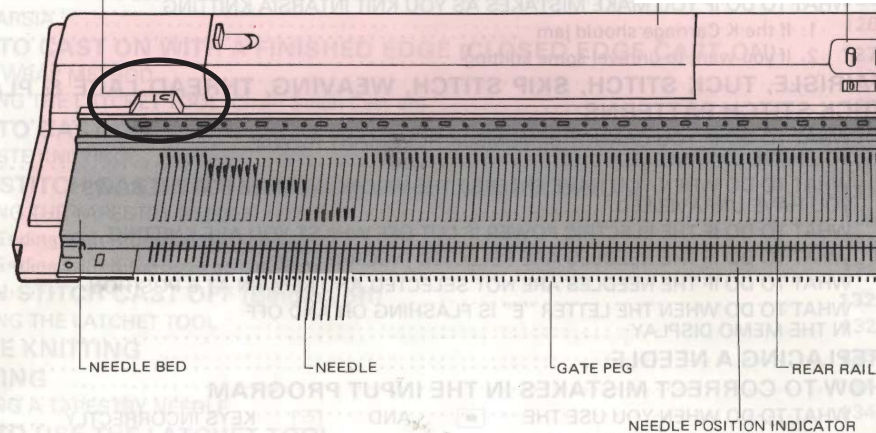
# HOW TO USE YOUR KNITTING MACHINE

## PART NAMES

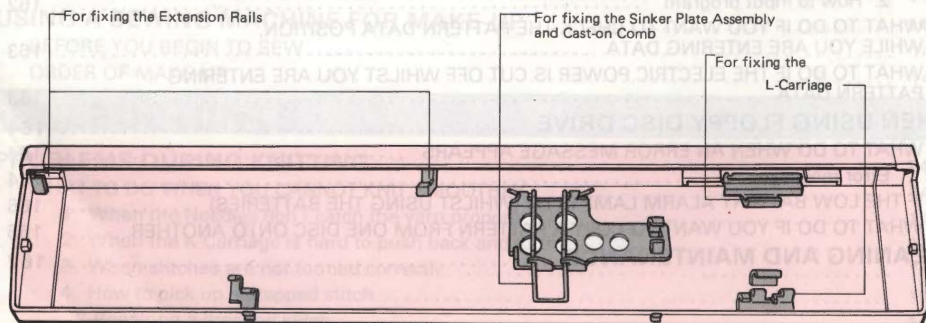
### MACHINE AND K-CARRIAGE

#### TURN MARK

You must move the K-Carriage across the Turn Mark (left or right) at the 1st row of pattern knitting.  
Turn the K-Carriage at this point when you use the KHC or KRC.



## CASE



#### CHANGE KNOB

#### TURN MARK

#### POWER SWITCH

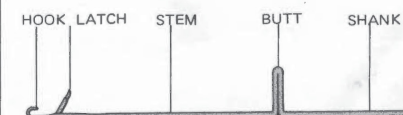
#### TENSION DIAL

#### YARN FEEDERS

FEEDER A - Thread with main yarn  
FEEDER B - Thread with contrast yarn when knitting Fairisle or Thread Lace Pattern.

#### YARN FEEDER LEVER

## NEEDLE



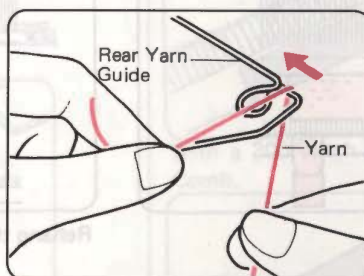
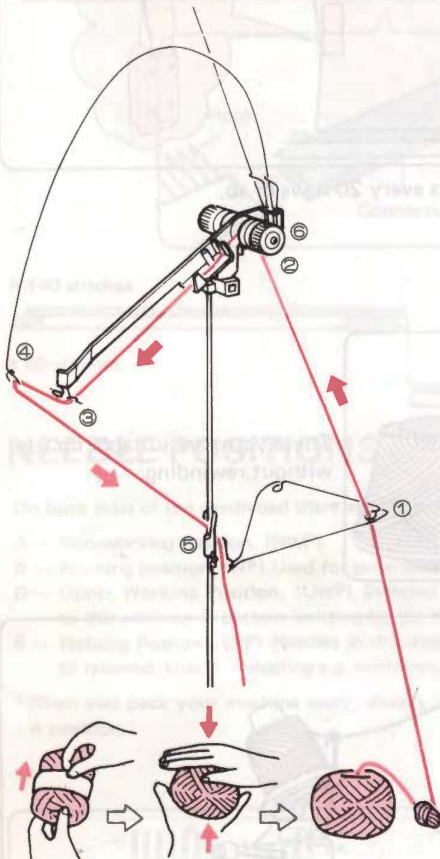


# HOW TO OPERATE YOUR KNITTING MACHINE

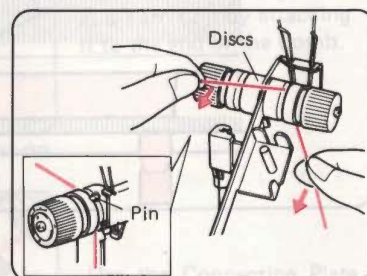
## STOCKING STITCH (Plain Knitting)

Stocking stitch is the most basic and simplest stitch in machine knitting.  
Practice this until you can do it correctly.

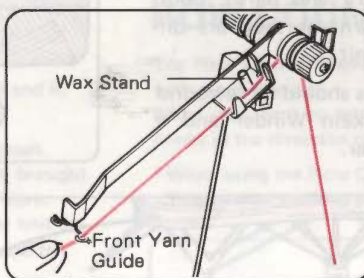
### 1. THREADING THE YARN.



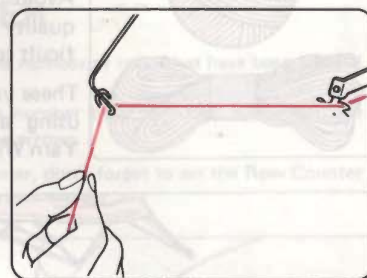
① Pass the yarn from the ball through the Rear Yarn Guide sliding the yarn through the eyelet.



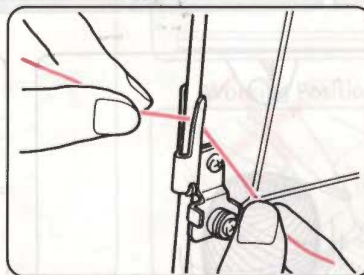
② Pass the yarn under the Pin and between the two Discs from behind. Hold the yarn as shown above, and pull it towards you so that the yarn goes under the Pin.



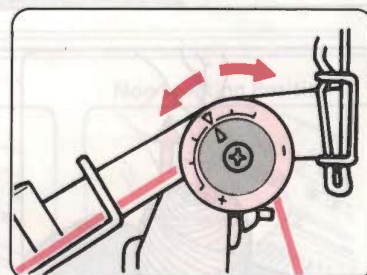
③ Thread the Front Yarn Guide.



④ Thread the yarn into the eyelet of the Take-up Spring.

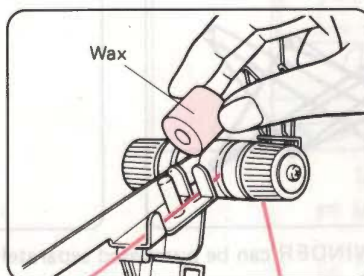


⑤ Clip the yarn under the Yarn Clip.



⑥ Set the arrow mark according to the thickness of the yarn.

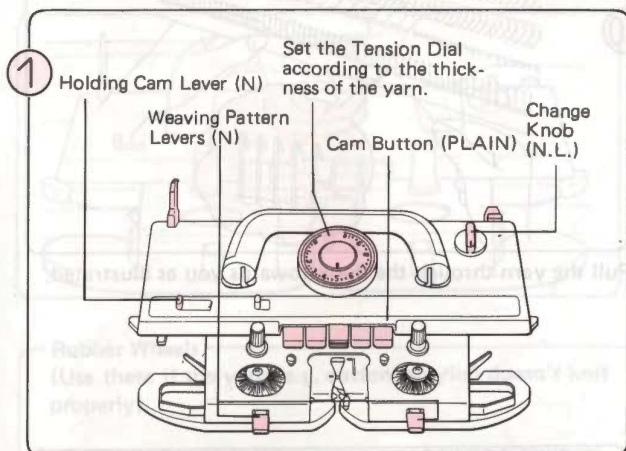
- ▶ ◀ — For Medium Yarn
- ▶ + — For Fine Yarn
- ▶ - — For Thick Yarn



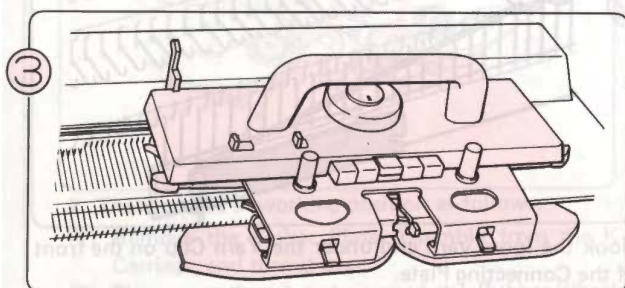
When you start to knit, place the Wax which you will find in the Accessory Box on the Wax Stand. The Wax helps the yarn to slide smoothly.



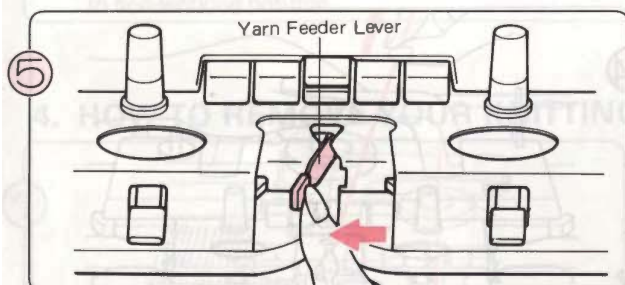
## 2. HOW TO CAST ON WITH A FINISHED EDGE



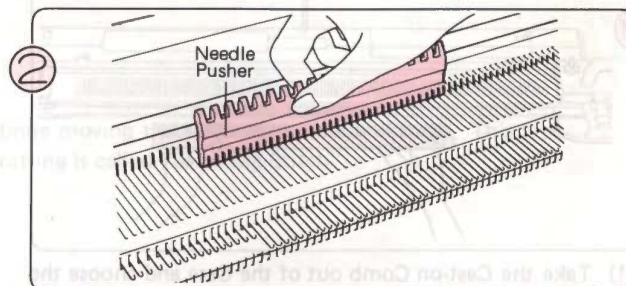
Set the K-Carriage as shown above.



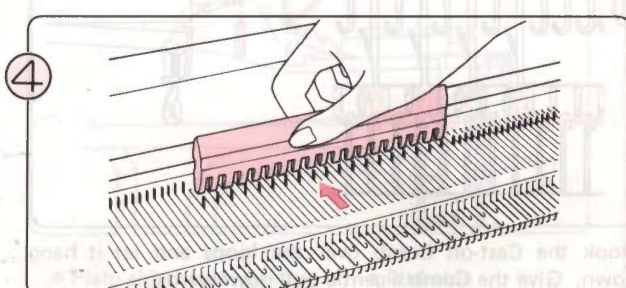
Move the K-Carriage across the needlebed a few times to align the needles, ending with the K-Carriage on the right.



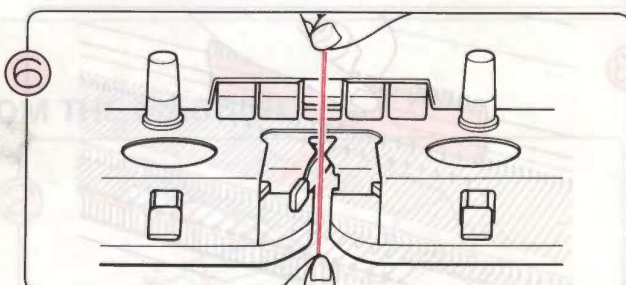
Open Yarn Feeder A by pushing the Yarn Feeder Lever to the left.



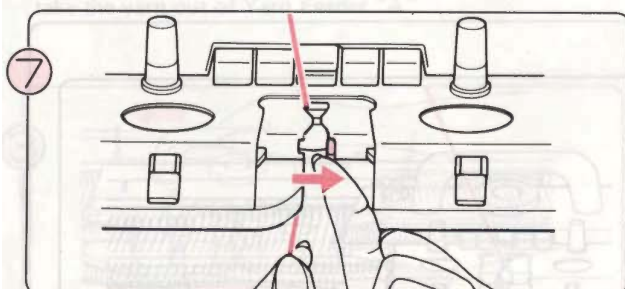
Using the flat side of the 1/1 Needle Pusher, bring forward 60 needles to B position (30 needles on either side of the centre mark "0").



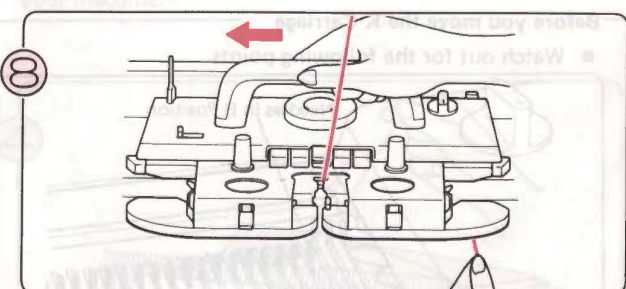
Using the 1/1 Needle Pusher, take every other needle back to A position.



Take the yarn from the Yarn Clip and thread it into Yarn Feeder A.

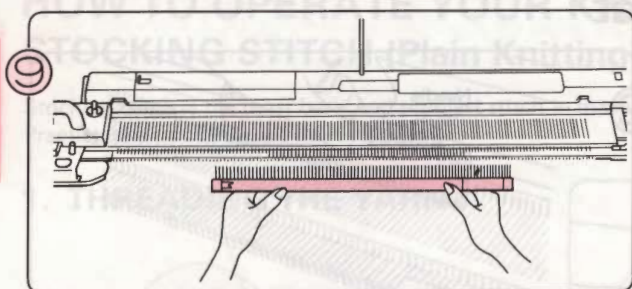


Keeping hold of the end of the yarn with your left hand, close the Yarn Feeder Lever.

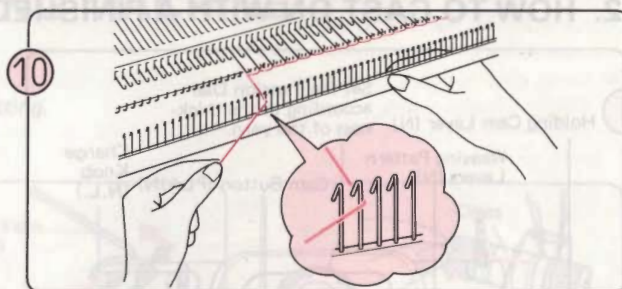


Still holding the yarn end gently, slowly move the K-Carriage to the left. Once you feel the needles catch the yarn, you can release the yarn end.

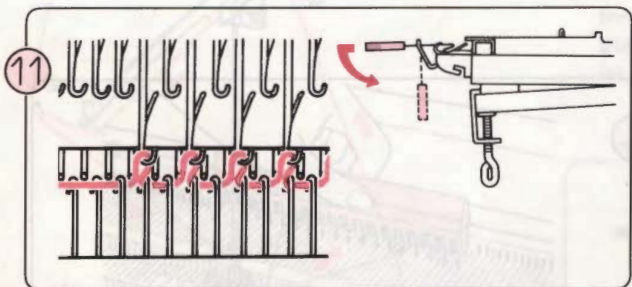




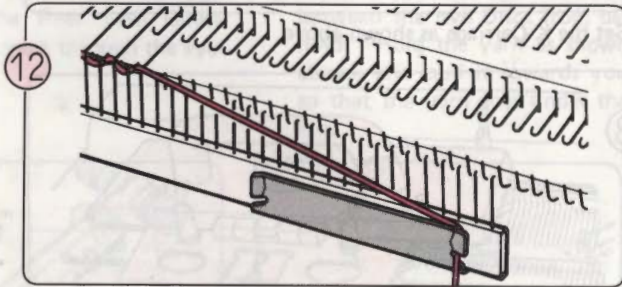
- (1) Take the Cast-on Comb out of the Case and choose the length according to the number of needles.
- (2) Hold the Cast-on Comb as shown with the hooks facing the machine.



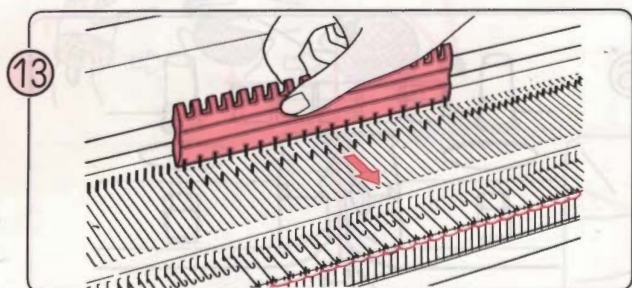
Pull the yarn through the hook towards you as illustrated.



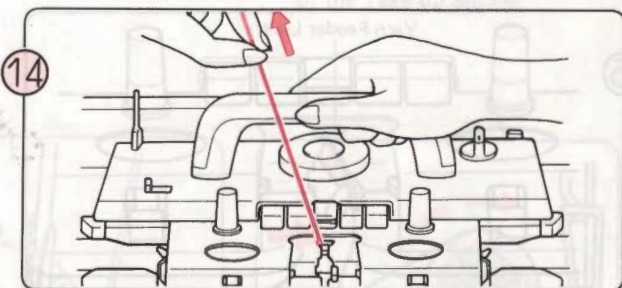
Hook the Cast-on Comb over the loops and let it hang down. Give the Comb a gentle pull downwards.



Hook the loose yarn end under the Yarn Clip on the front of the Connecting Plate.



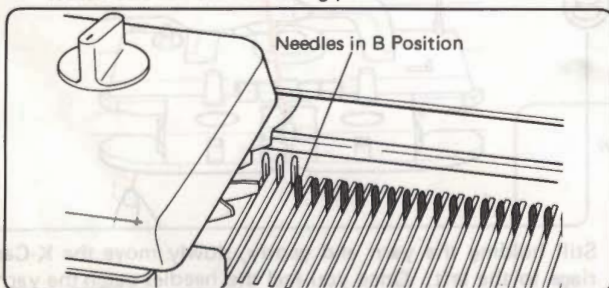
Return the needles which you took to A position in Step 4 forward to B position.



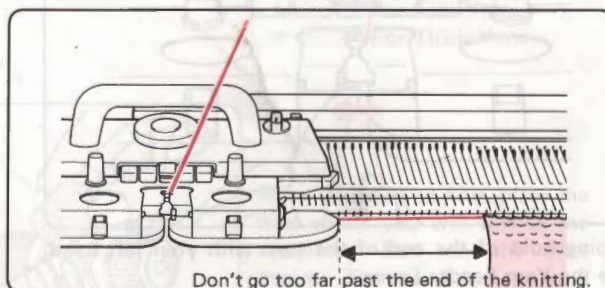
Move the K-Carriage to the right, holding the yarn as shown so that no loops are formed.

#### Before you move the K-Carriage

- Watch out for the following points



Make sure the K-Carriage (or the L-Carriage) clears the knitting before you move it back in the other direction. You will hear a "Click" at the end of a row.



Don't go too far past the end of the knitting.  
Do not move the K-Carriage too far beyond the knitting.

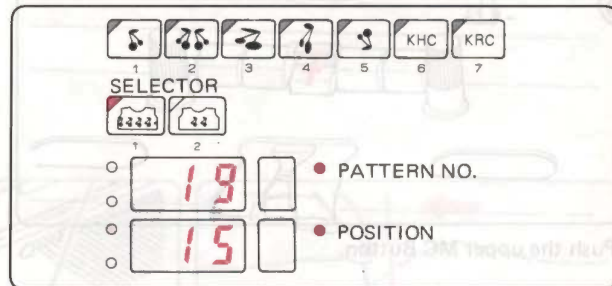


## FAIRISLE PATTERN SELECTOR (1)

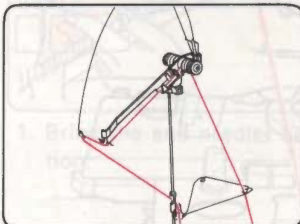
- This example was knitted using "STITCH WORLD" Pattern No. 19.



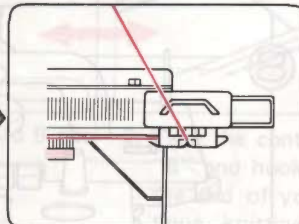
### Example: PATTERN PROGRAM



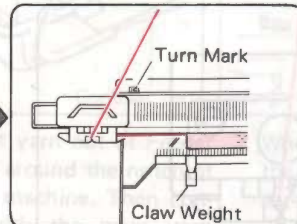
### • BEFORE STARTING PATTERN KNITTING



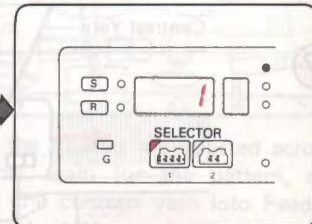
Thread the main yarn into the righthand Yarn Tension Unit.



Cast on.

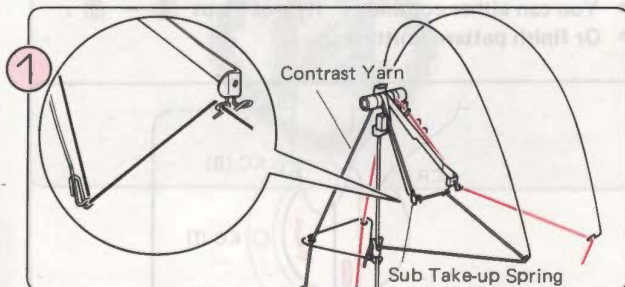


Knit a few rows in stocking stitch and place the K-Carriage outside the left Turn Mark. Hang the Claw Weight evenly along the Cast-on Comb.

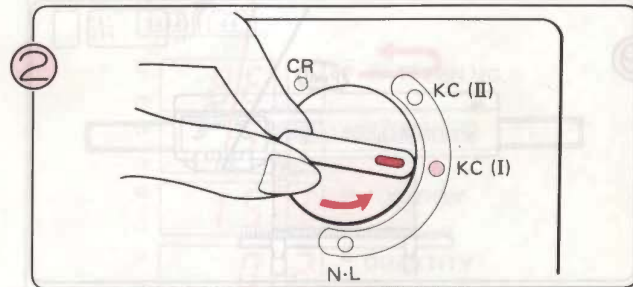


Program your pattern. (See p. 23.)

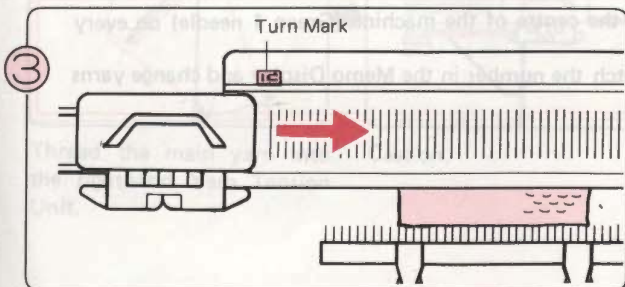
### • PATTERN KNITTING



Thread the contrast yarn into the left Yarn Tension Unit, including the Sub Take-up Spring.

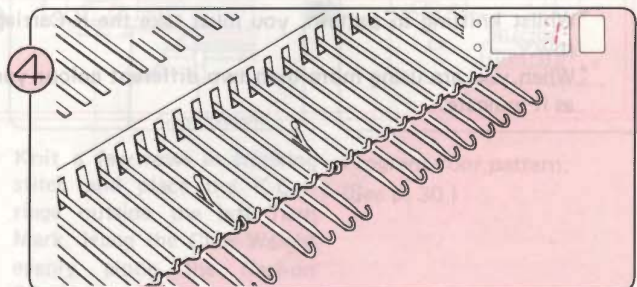


Set the Change Knob to KC (I).

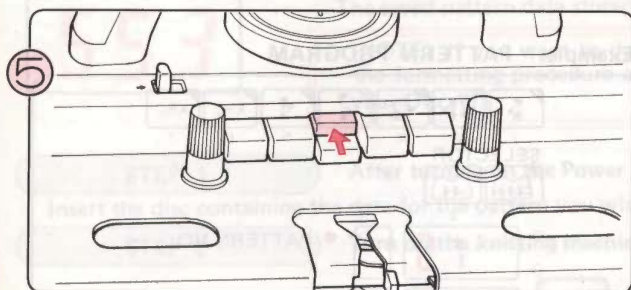


Move the K-Carriage from left to right across the left Turn Mark.

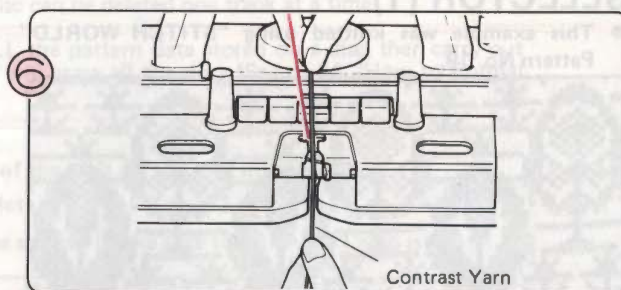
\*You only need to operate the K-Carriage once across the Turn Mark when you start pattern knitting.



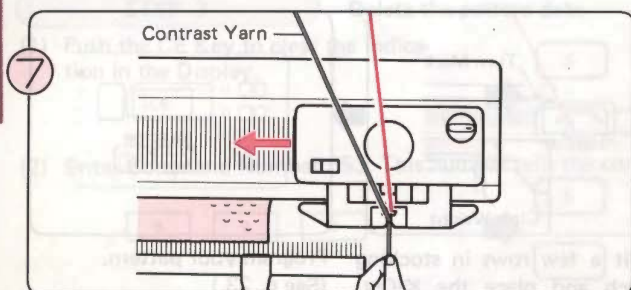
The needles are selected. Number 1 flashes on and off in the Display to tell you to knit the first row of the pattern.



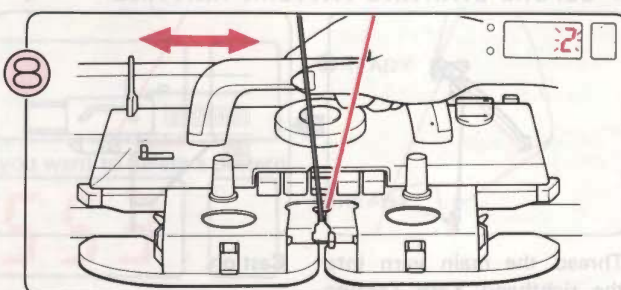
Push the upper MC Button.



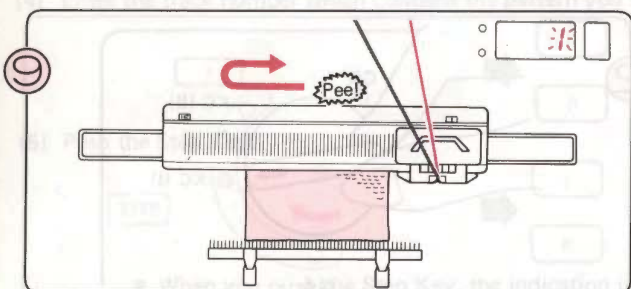
Thread the contrast yarn into Yarn Feeder "B" — there is no need to open the Yarn Feeder Lever when you do so.



Holding the yarn end with your left hand, move the K-Carriage from right to left.

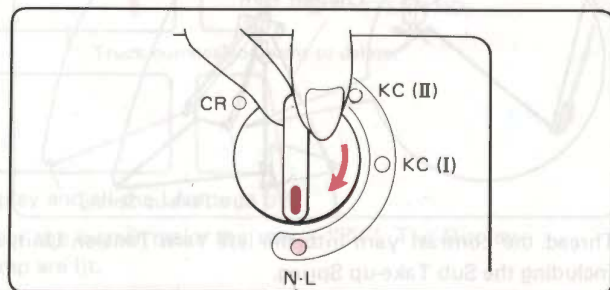


The Number 2 flashes on and off in the Display to tell you to knit the second row of the pattern. Move the K-Carriage to the right and then to the left. You are now knitting in Fairisle Pattern.



Knit in pattern until you hear the sound "Peel". Finish the row and knit one more row. Number 1 flashes on and off in the Display. You have now knitted one complete pattern in length.

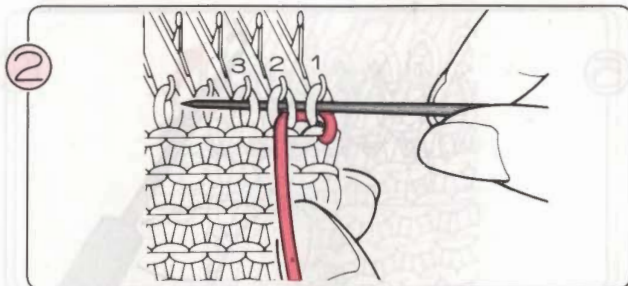
- You can either continue ... Repeat Steps 8 — 9 .
- Or finish pattern knitting ...



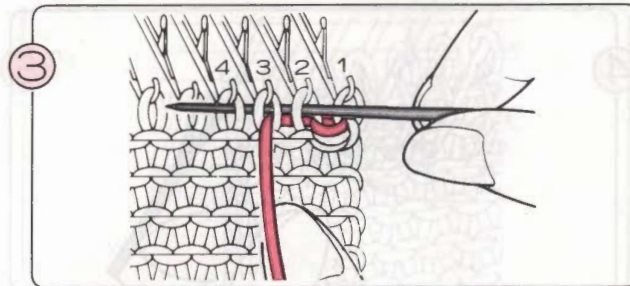
Set the Change Knob to N-L.  
The Cam Button will be released automatically.

- \* Whilst knitting in pattern, you must take the K-Carriage past the centre of the machine (Green 1 needle) on every row.
- \* When you are using more than two different colour yarns, watch the number in the Memo Display and change yarns as it indicates.

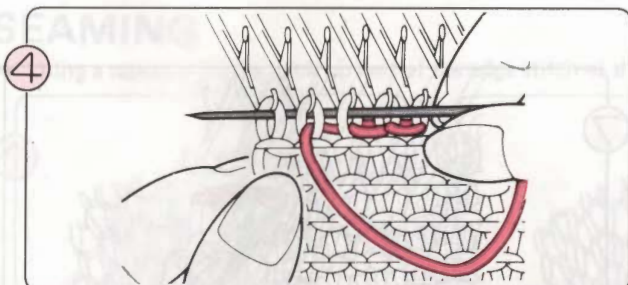




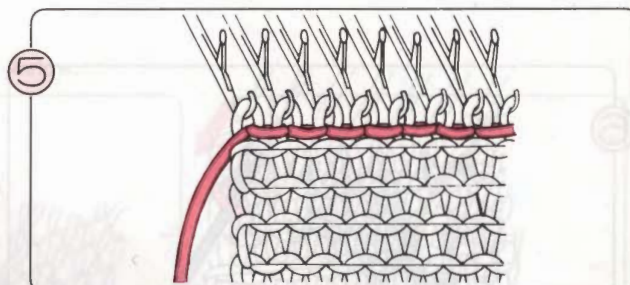
From the front, insert the needle in through the first stitch (1) and back out through the third stitch (3).



From the front, insert the needle in through the second stitch (2) and back out through the fourth stitch (4).



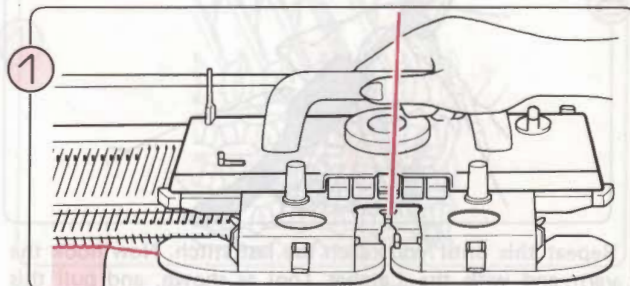
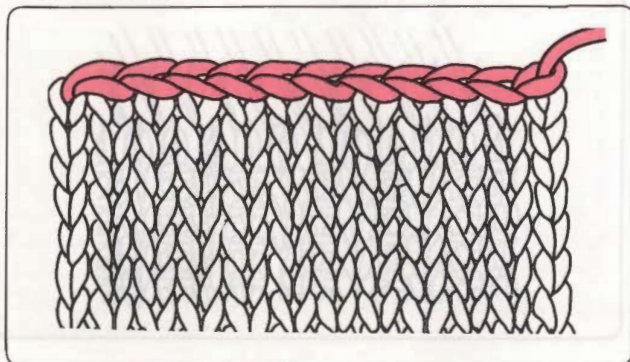
Continue in this way until you reach the lefthand edge of the knitting.



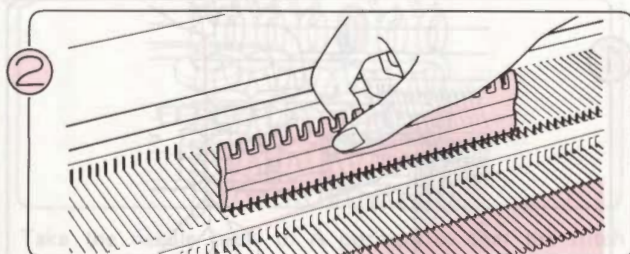
The casting off (binding off) is now completed and you can remove the knitting from the machine.

## CHAIN STITCH CAST OFF (BINDING OFF) USING THE LATCHET TOOL

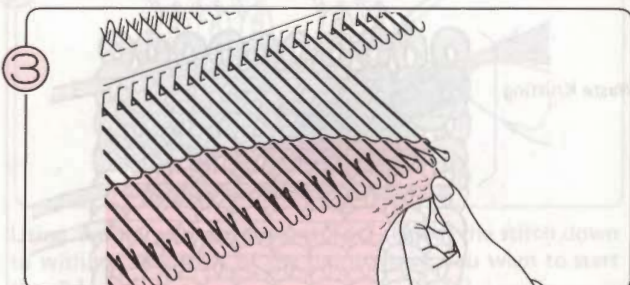
- With this method you will achieve a firm edge which is not very elastic.



Knit the final row from right to left. Loosen the Tension Dial for this row (e.g. if main tension is say 4 – 6, knit the final row at tension 9 – 10).

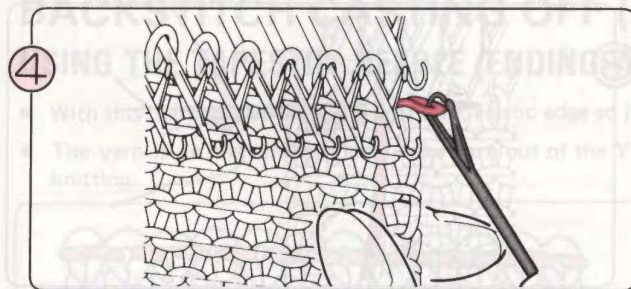


Bring the needles forward to E position.

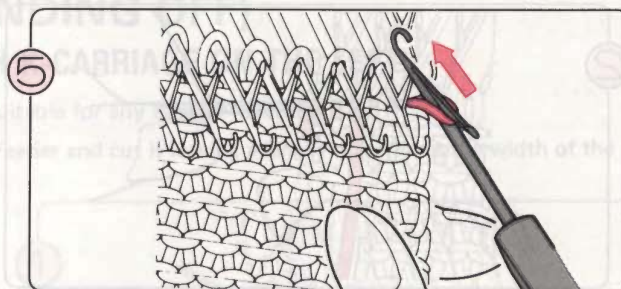


Gently bring the knitting towards you, taking care not to drop any stitches.

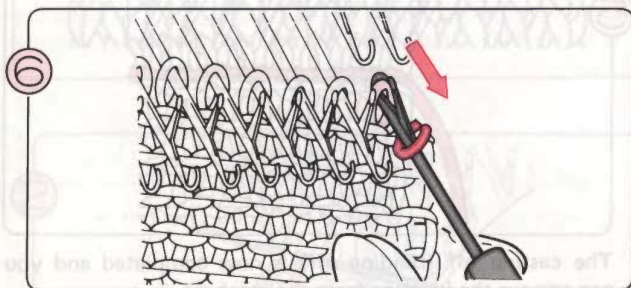




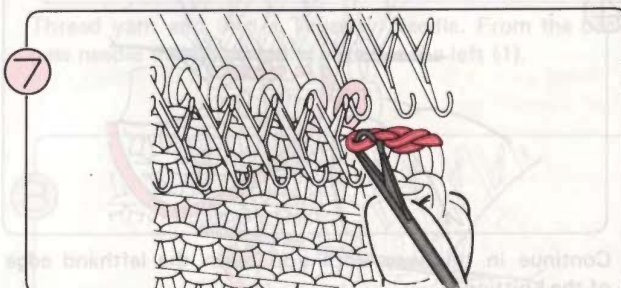
Beginning at the righthand edge, hook the first stitch onto the Latchet Tool.



Put the stitch behind the latch of the Latchet Tool.

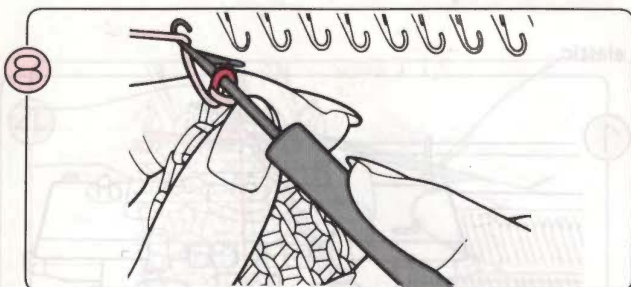


Now hook the second stitch with the Latchet Tool, keeping this stitch in the hook.



Draw the second stitch through the first stitch, letting the first stitch slip off over the hook.

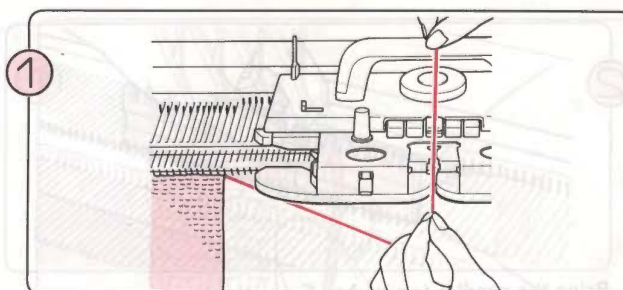
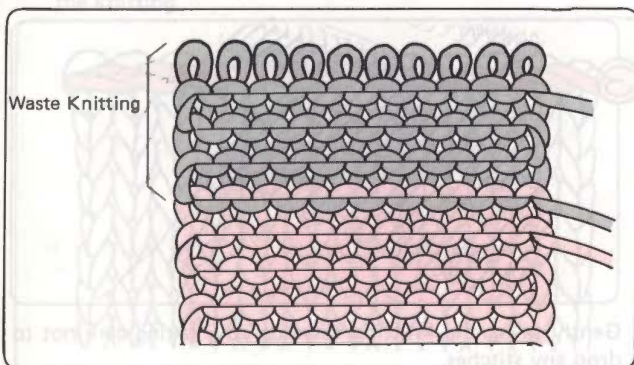
\*Take care not to drop any of the other stitches from off the needles whilst you work.



Repeat this until you reach the last stitch. Now hook the yarn end with the Latchet Tool as shown, and pull this through the last stitch.

## WASTE KNITTING

You can remove your knitting from the machine with rows of waste knitting. Use this when you want to return the stitches to the needles again e.g. to knit a cuff.



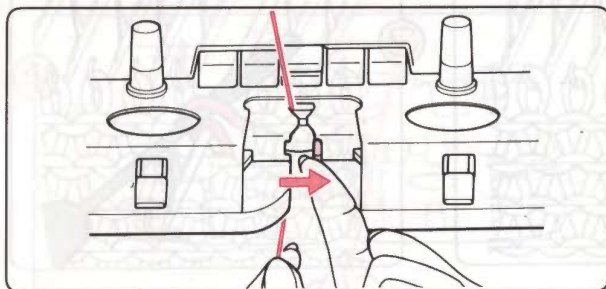
Take the yarn out of Yarn Feeder "A".



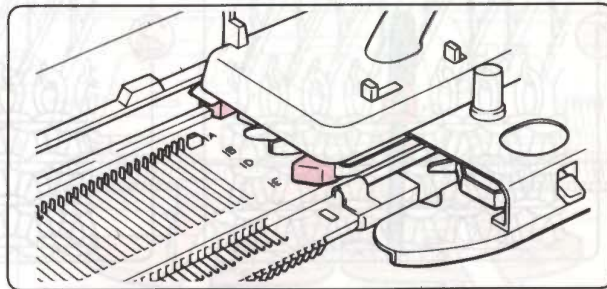
## PROBLEMS DURING KNITTING

### WHAT TO DO WHEN YOU CANNOT KNIT SMOOTHLY

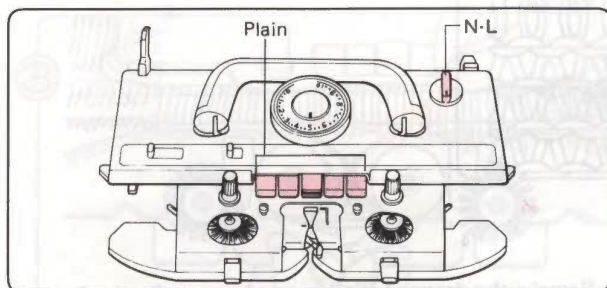
#### 1. WHEN THE NEEDLES DON'T CATCH THE YARN PROPERLY



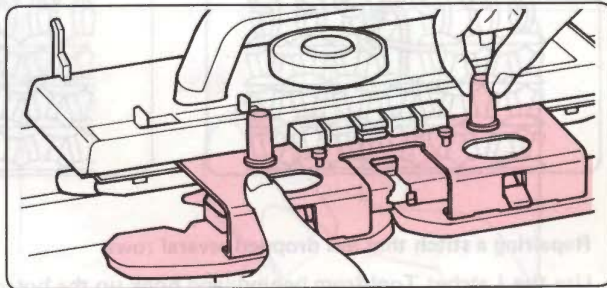
- Is the yarn correctly located in Feeder "A"?
- Is the Yarn Feeder Lever closed?



- Is the K-Carriage set correctly on the Needlebed?



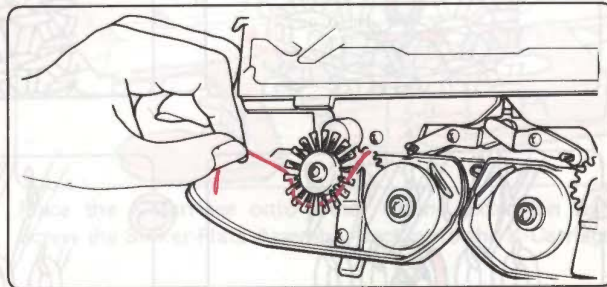
- Is the Change Knob set to N-L?
- Has any Cam Button been pushed in?



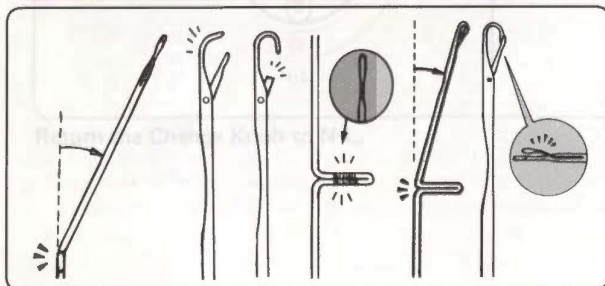
- Is the Sinker Plate Assembly joined correctly to the K-Carriage?

#### 2. WHEN THE K-CARRIAGE IS HARD TO PUSH BACK AND FORTH

- Make sure that the Tension Dial and Tension Discs are adjusted according to the thickness of your yarn. (Tension Dial see page 12. Tension Disc see page 15.)
- Make sure that the machine is not damaged or dirty. If the machine needs oiling or cleaning refer to page 167.
- Make sure you have threaded the yarn correctly into the Yarn Tension Unit. (See page 15.)
- Make sure the yarn is flowing freely from the cone or ball.
- Make sure the Wheel Brushes are rotating freely. If there is yarn wrapped around these, you must remove it.



#### 3. WHEN STITCHES ARE NOT FORMED CORRECTLY.



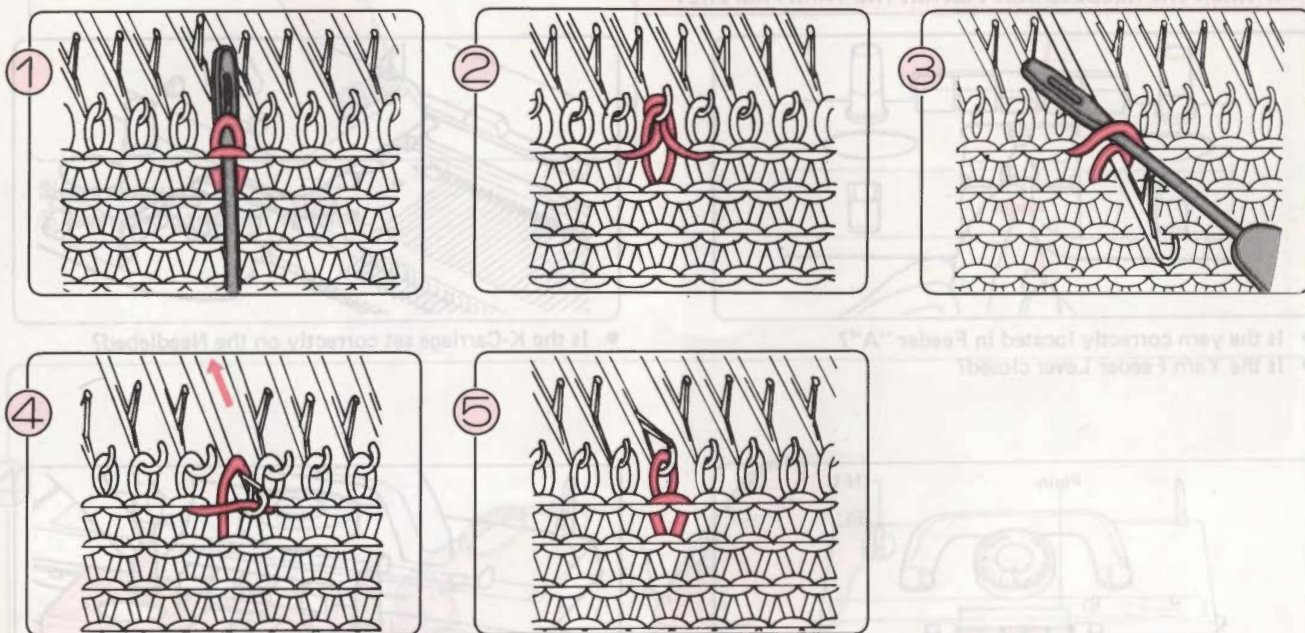
- Is the needle bent? If so, change it for a new one. (See p. 157.)
- Place the Rubber Wheels into working position. (See p. 18.)



#### 4. HOW TO PICK UP A DROPPED STITCH

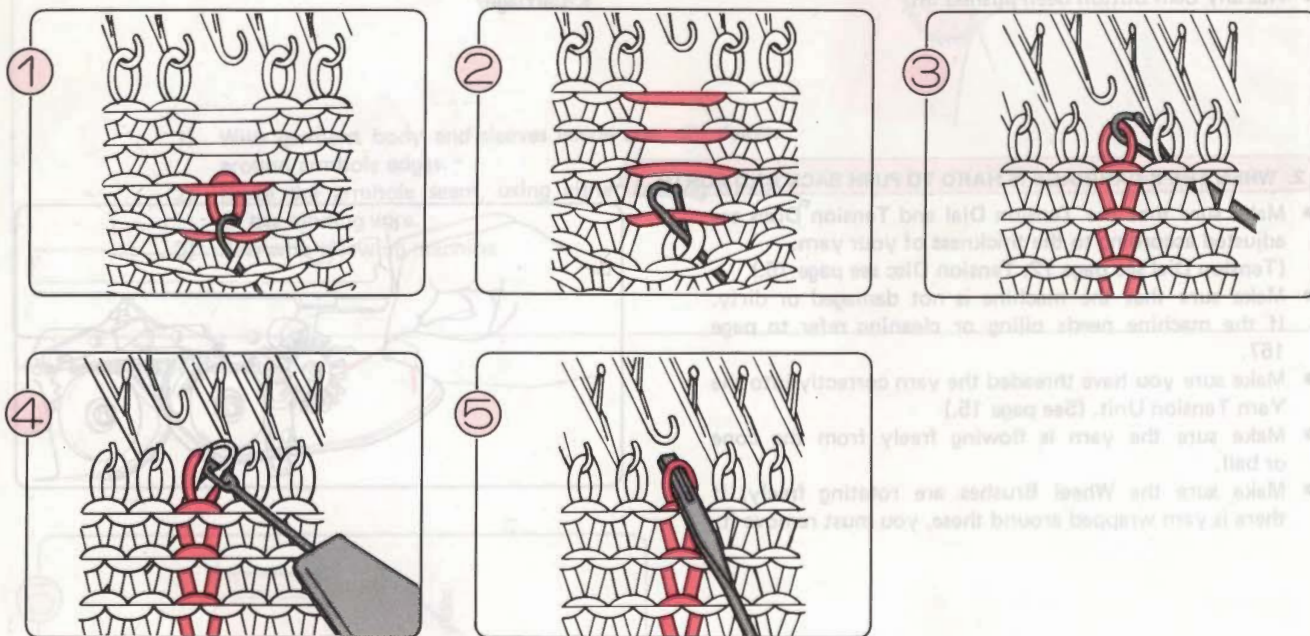
##### • Repairing a dropped stitch.

Insert the Transfer Tool into the stitch on the row below the dropped stitch. Re-make the dropped stitch as illustrated.



##### • Repairing a stitch that has dropped several rows.

Use the Latchet Tool from behind, and hook up the bottom stitch. Remake the dropped stitches row by row. On the final row, transfer the stitch from the Latchet Tool to a Transfer Tool, and replace it onto the needle.

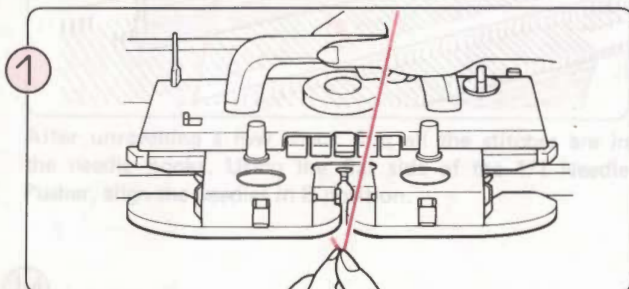




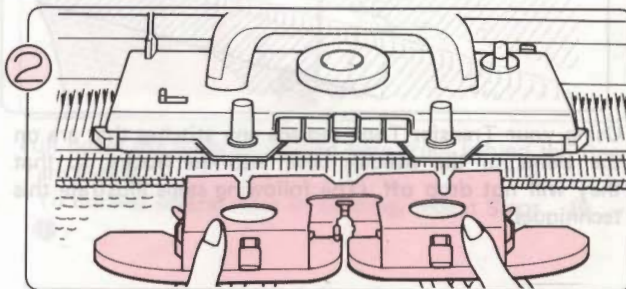
## WHAT TO DO IF YOU MAKE MISTAKES AS YOU KNIT STOCKING STITCH AND PLATING

### 1. IF THE CARRIAGE SHOULD JAM

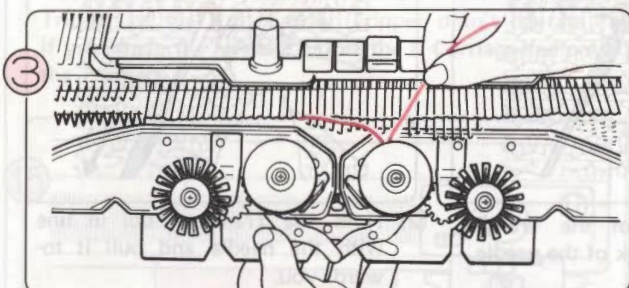
- Do not attempt to move the K-Carriage by force. Proceed as follows:



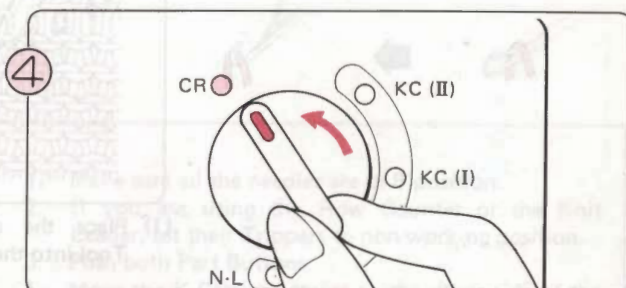
Take the yarn out of the Yarn Feeder.



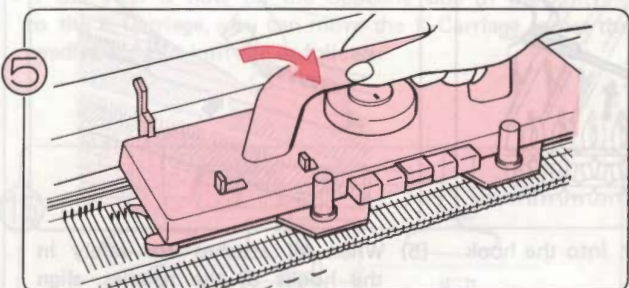
Loosen the knobs and remove the Sinker Plate Assembly.



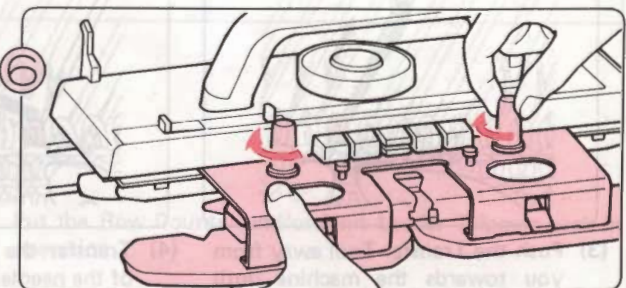
Untangle any yarn that has become wrapped around the Wheels.



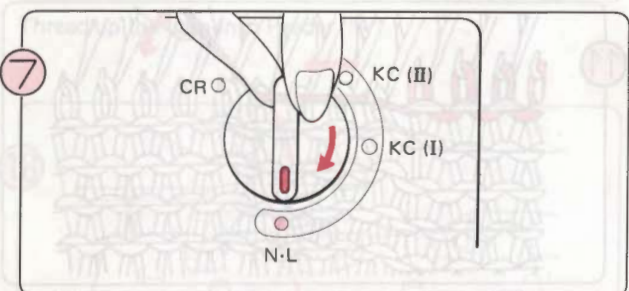
Set the Change Knob to CR to release the K-Carriage from the machine.



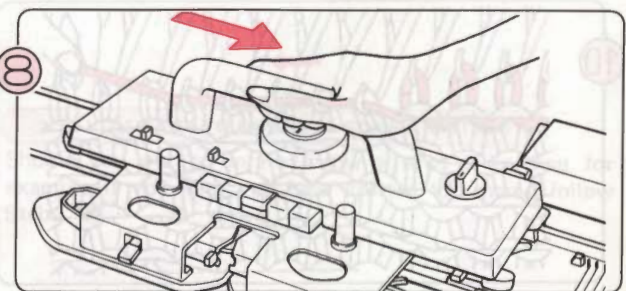
Lift up the K-Carriage towards you and remove it from the needlebed.



Place the K-Carriage onto either of the Extension Rails. Screw the Sinker Plate Assembly back onto the K-Carriage.



Return the Change Knob to N-L.



Slide the K-Carriage across onto the needlebed and check it is placed correctly.