



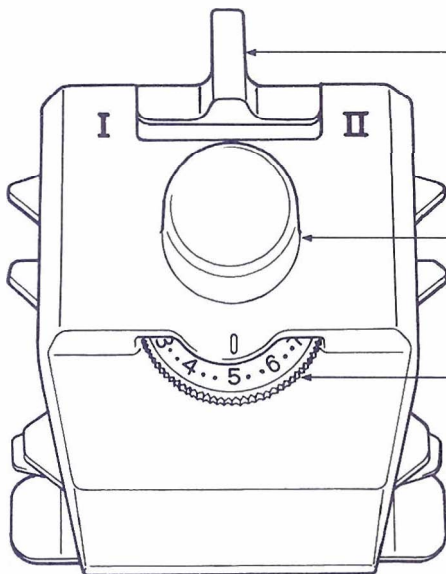
How to use
the

Intarsia Carriage

model
KA-8200'

NAME OF PARTS

Intarsia Carriage (■ Carriage)



Row Counter/Knit-leader Tripper

It is used as the tripper for KH 830,840 and 860.

And it is also used as the Release Knob in removing the Intarsia Carriage.

Handle

Tension Dial



Attached Tripper (A) for KH 881 & KH 910

Insert it into the hole (Ⓛ or Ⓜ) of the ■ Carriage.



Attached Tripper (B) for KH 910

Put it on the Tripper of the I Carriage.

*These Trippers are packed under the ■ Carriage in the box.

HOW TO USE THE TRIPPERS~

The Trippers are used for operating the feeding levers of Row counter and Knit-leader.

Choose the suitable trippers according to your knitting machine.

*To operate the feeding levers


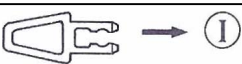
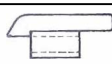
Your machine	Knit-leader	Row Counter
KH 830	No attached Trippers are required.	
840		
860		
KH 881	 <p>Put Attached Tripper (A) into II hole of the carriage.</p>	
KH 910	 <p>Put Attached Tripper (A) into I hole of the carriage.</p>	 <p>Put Attached Tripper (B) on the Tripper of the carriage.</p>

Fig. 1

*How to attach the Trippers

Insert the Trippers straight with placing the carriage on a flat table.

*Make sure that you hear "click" after you insert Attached Tripper (A).

*Push Attached Tripper (B) as far as it goes.

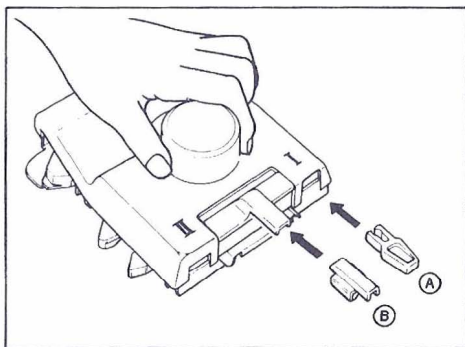


Fig. 2

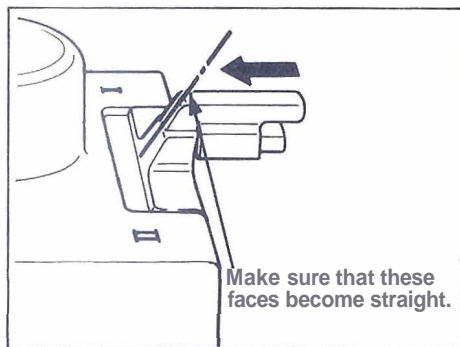


Fig. 2

NEEDLE POSITION

The working needle position of the Intarsia Carriage is different from that of K Carriage.

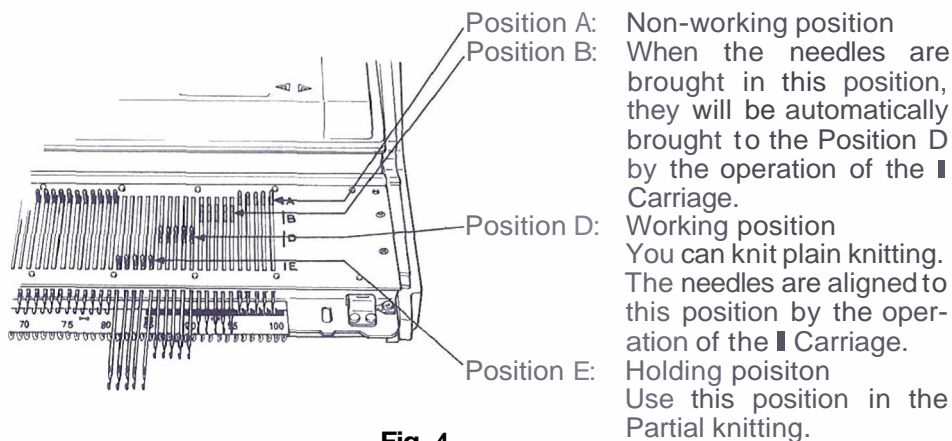


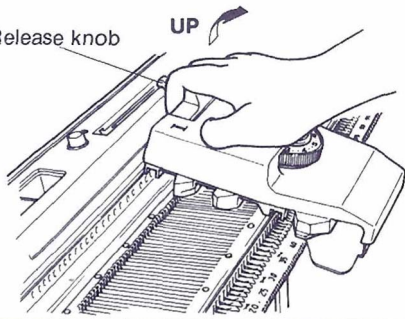
Fig. 4

IF THE I CARRIAGE SHOULD JAM

Pull the Release Knob up and take the I Carriage off.

Release knob

UP



Do not move the Carriage by force.
(Remove the Carriage carefully and knit again.)

Fig. 5

HOW TO USE THE INTARSIA CARRIAGE

The Intarsia Carriage is a special carriage for making the Intarsia Knitting easy. In the Intarsia Knitting the yarn does not traverse at the back and multicolor yarn can be knitted in one row.

<Before you knit the Intarsia Knitting ...>

- (1) Cast-on and knit with the K Carriage before you start the Intarsia Knitting.
- (2) Take the yarn out of the Yarn Tension Unit and the Yarn Feeder. Then place it at your feet.
- (3) Place all yarns you want to knit at your feet. (You need to prepare yarns according to the times you want to change them.)
- (4) Take off the K Carriage from the machine.

<Now let's start the Intarsia Knitting>

- (1) If necessary, attach the suitable Trippers onto the ■ Carriage.

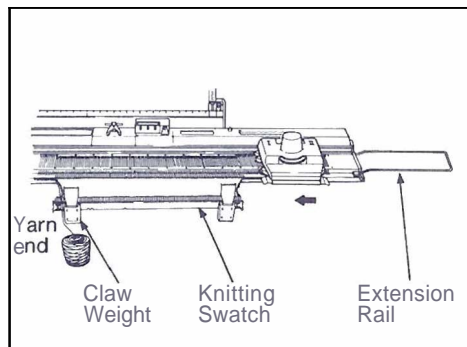


Fig. 6

- (2) Place the ■ Carriage at the opposite side of the yarn end. (Place the ■ Carriage from the end of the needle bed. If necessary, set up the extension rails.)
- (3) Set the Tension Dial of the ■ Carriage equally to the K Carriage.
- (4) Hang the Claw Weights on both edges of the knitting swatch. (Rehang them at every 20 rows.)

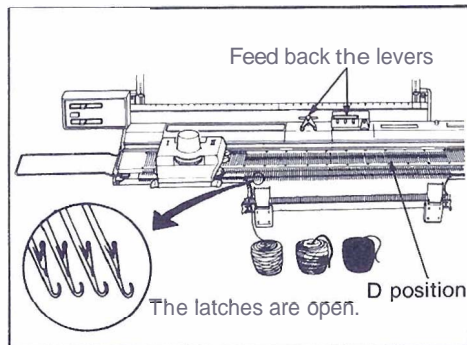


Fig. 7

- (5) Operate the ■ Carriage to align the needles to D position. Make sure that the latches of the needles are open. As you move the ■ Carriage the Knit-leader and the Row Counter feed one row, so, put back one row.

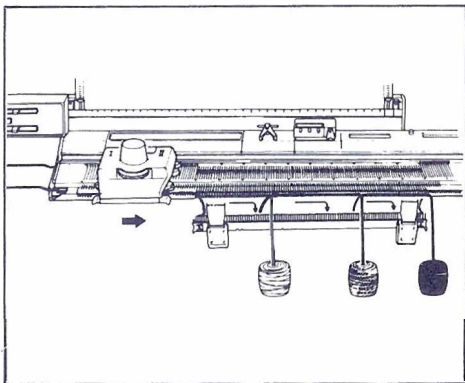


Fig. 8

(6) 1st row of the Intarsia

Lay the yarns in the hooks of the needles from the Carriage's side as shown in the figure 8.

Move the Carriage slowly with holding the yarns ends lightly by your left hand.

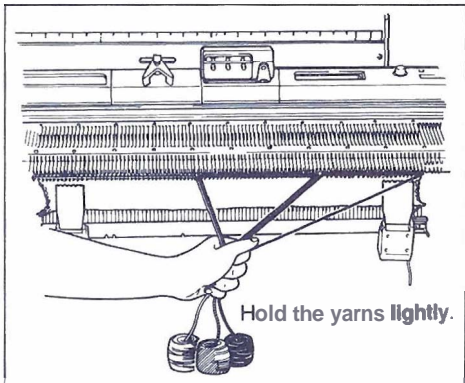


Fig. 10

*If the latches of the needles are closed, the stitches will drop!

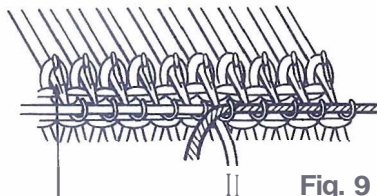


Fig. 9

The latches are open!

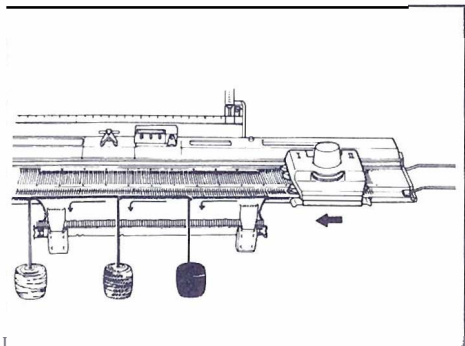


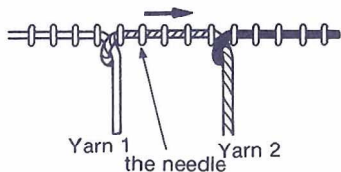
Fig. 11

(7) 2nd row of the Intarsia

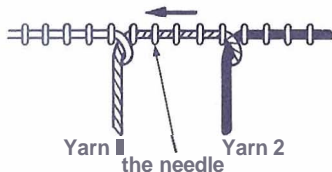
Refer to the figure 12 on the next page and lay the yarns in the hooks of the needles. (Cross the yarns when you change them.) Then operate the Carriage. Repeat these steps.

How to lay the yarns

the direction of the Carriage



the direction of the Carriage



Cross the yarns when you change them to avoid making holes on the garment.

Cross them as shown in the figure according to the direction of the Carriage.

Fig. 12

NOTE

(TENSION GAUGE) When you make a tension switch pay attention to the difference between the K Carriage and the Carriage. Although the Tension Dial of the Carriage almost corresponds to that of the K Carriage, the tension gauge can be changed by the strength of holding yarn with your hand.

*When you decide the size or place of the pattern in the Intarsia Knitting, it is better to use the Knit-leader.

If you do not have it, you had better use Intarsia diagram.

*Tie the yarn at the edge of the knitting especially with thick yarn. (Do not make a knot on the way of the knitting.)

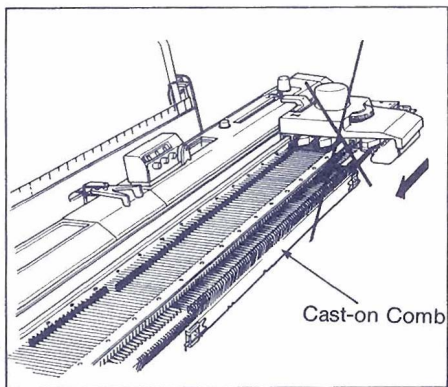


Fig. 13

*When the Cast-on comb is hanged on the gate pegs do not operate the Intarsia Carriage.

*Do not operate the ■ Carriage without yarn as there is a fear of doing damage to the needles.

*Oil the following parts slightly **before** you knit .

- ① The metal cam on the back of the ■ Carriage.
- ② The metal part that touches with the rear rail of the needle bed.
- ③ The metal slit where rubber wheel move.

