

Another quality product from
EURO-PRO

Instruction Manual
INSTRUCCION MANUAL

Model

6130

EURO-PRO CORPORATION, 178 West Service Rd., Champlain, New York 12919

IMPUHIANI SAFETY INSTRUCTIONS

When using an electrical appliance, basic safety precautions should always be followed, including the following:

Read all instructions before using this sewing machine.

DANGER—To reduce the risk of electric shock:

1. An appliance should never be left unattended when plugged in.
2. Always unplug this appliance from the electric outlet immediately after using and before cleaning.
3. Always unplug before relamping. Replace bulb with same type rated 10 watts.

WARNING—To reduce the risk of burns, fire, electric shock, or injury to persons:

1. Do not allow to be used as a toy. Close attention is necessary when this appliance is used by or near children.
2. Use this appliance only for its intended use as described in this manual. Use only attachments recommended by the manufacturer as contained in this manual.
3. Never operate this appliance 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 appliance to the nearest authorized dealer or service center for examination, repair, electrical or mechanical adjustment.
4. Never operate the appliance with any air openings block. Keep ventilation openings of the sewing machine and foot controller free from accumulation of lint, dust, and loose cloth.

5. Keep fingers away from all moving parts. Special care is required around the sewing machine needle.

6. Always use the proper needle plate. The wrong plate can cause the needle to break.

7. Do not use bent needles.

8. Do not pull or push fabric while stitching. It may deflect the needle causing it to break.

9. Switch the sewing machine off ("0") when making any adjustments in the needle area, such as threading needle, changing needle, threading bobbin, or changing presser foot, and the like.

10. Always unplug sewing machine from the electrical outlet when removing covers, lubricating, or when making any other user servicing adjustments mentioned in the instruction manual.

11. Never drop or insert any object into any opening.

12. Do not use outdoors.

13. Do not operate where aerosol (spray products are being used or where oxygen is being administered).

14. To disconnect, turn all controls to the off ("0") position, then remove plug from outlet.

15. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.

SAVE THESE INSTRUCTIONS

This sewing machine is intended for household use only.

Congratulations:

As the owner of a new **EURO-PRO** sewing machine, you will enjoy precision quality stitching on all types of fabrics, from multiple layers of denim to delicate silks.

Your **EURO-PRO** sewing machine offers the ultimate in simplicity and ease of operation. For your safety and to fully enjoy the many advantages and ease of operation of your sewing machine, we recommend that you read all the important safeguards and use and care instructions in this instruction book.

May we suggest that before you start to use your sewing machine, you discover the many features and advantages by going through this instruction book, step by step, while seated at your sewing machine.

Estimado Cliente:

Le felicitamos muy cordialmente por su nueva máquina de coser.

Vd. acaba de comprar un producto de calidad que ha sido fabricado con el máximo cuidado. Su máquina de coser es fácil de usar pero naturalmente hay que seguir las reglas. Y estas las hemos especificado en este manual de instrucciones. Si Vd. les presta atención entonces realizará sus trabajos perfectamente desde el comienzo.

Por supuesto que Vd. tendrá algunas preguntas que en este manual no hemos podido agotar del todo. En este caso el representante de nosotros estará siempre a su disposición, para cualquier pregunta que Vd. pueda tener.

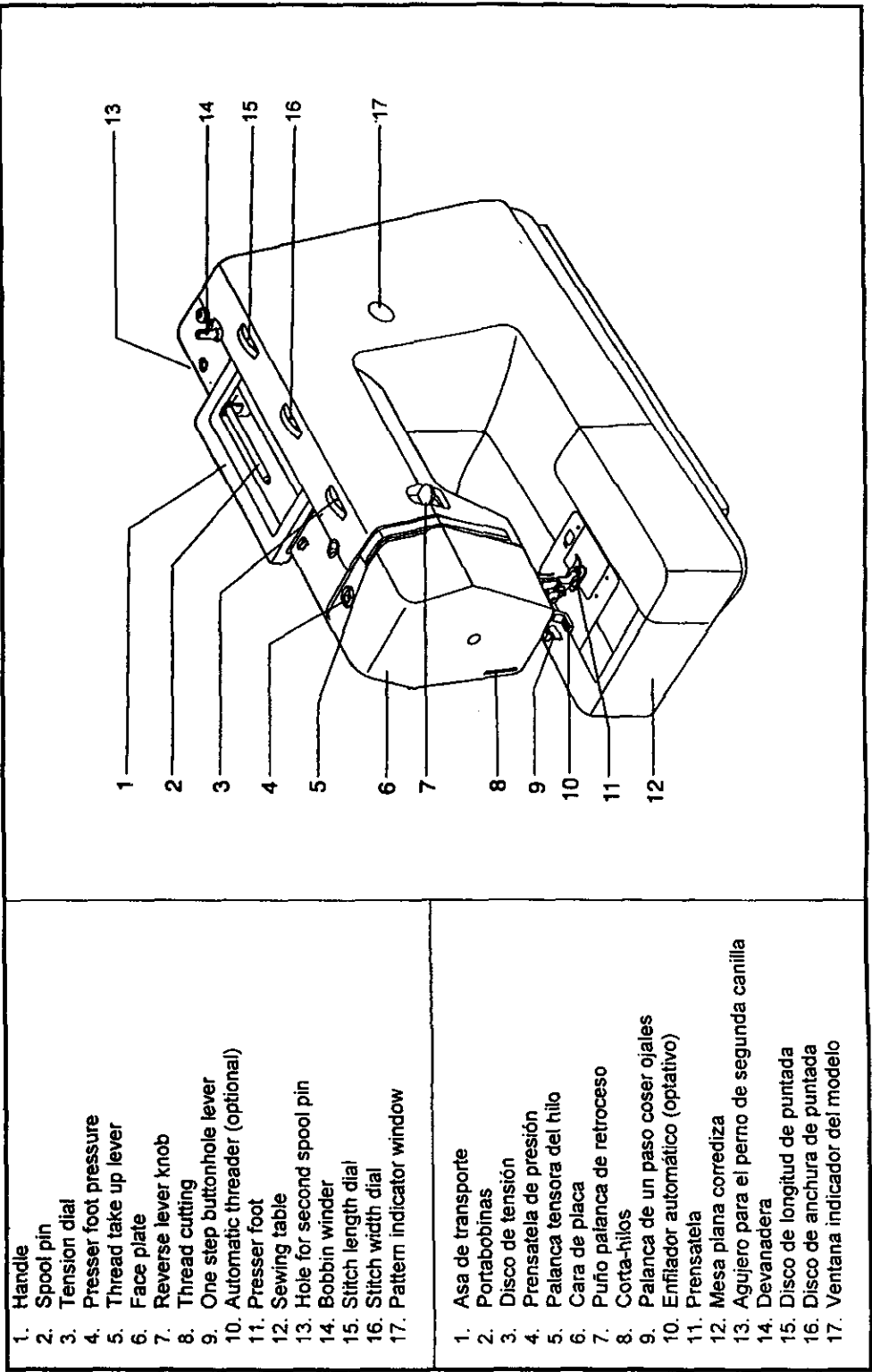
Le deseamos buen divertimento con su hobby. De rienda suelta a su máquina de coser y a su fantasía.

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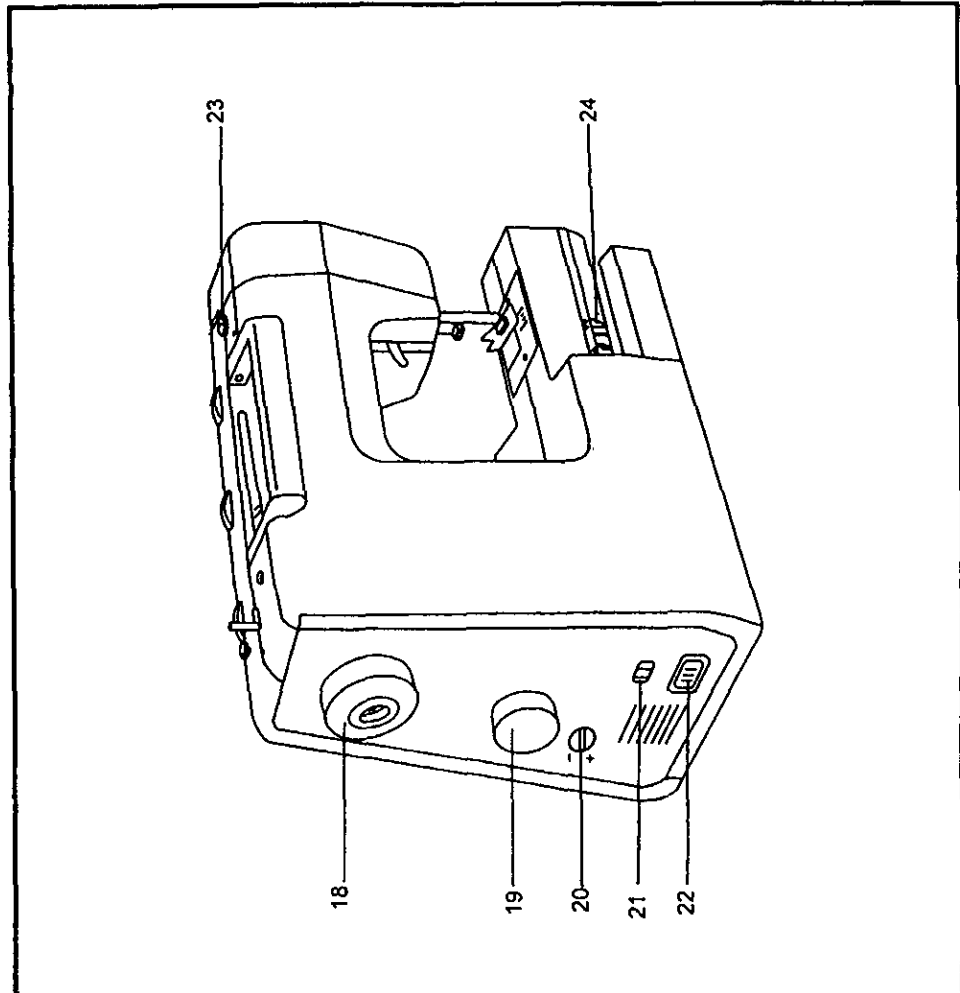
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1. Handle
2. Spool pin
3. Tension dial
4. Presser foot pressure
5. Thread take up lever
6. Face plate
7. Reverse lever knob
8. Thread cutting
9. One step buttonhole lever
10. Automatic threader (optional)
11. Presser foot
12. Sewing table
13. Hole for second spool pin
14. Bobbin winder
15. Stitch length dial
16. Stitch width dial
17. Pattern indicator window

1. Asa de transporte
2. Portabobinas
3. Disco de tensión
4. Prensatela de presión
5. Palanca tensora del hilo
6. Cara de placa
7. Puño palanca de retroceso
8. Corta-hilos
9. Palanca de un paso coser ojales
10. Enfilador automático (optativo)
11. Prensatela
12. Mesa plana corrediza
13. Agujero para el perno de segunda canilla
14. Devanadera
15. Disco de longitud de puntada
16. Disco de anchura de puntada
17. Ventana indicador del modelo



- 18. Balance wheel
- 19. Selector dial
- 20. Buttonhole stitch balance knob
- 21. Main switch
- 22. Main plug socket
- 23. Upper thread guide
- 24. Drop feed control

- 18. Balance total
- 19. Disco selector
- 20. puño de Balance de Coser ojales
- 21. interruptor principal
- 22. Enchufe de conexión a la red
- 23. Guia hilo superior
- 24. Control de gota

Standard accessories

- a. All purpose foot
- b. Zipper foot
- c. Buttonhole foot
- d. Button sewing foot
- e. L-screwdriver
- f. Seam ripper/brush
- g. Oil bottle
- h. Pack of needles (3x)
- i. Bobbin (3x)
- j. Seam guide
- k. Second spool pin
- l. Twin needle

Extra foot

(These 6 presser feet are not supplied with this machine; they are however available as special accessories from your local dealer.)

- m. Satin stitch foot
- n. Overcasting foot
- o. Hemmer foot
- p. Blind hem foot
- q. Cording foot
- r. Darning foot

Standard accesorios

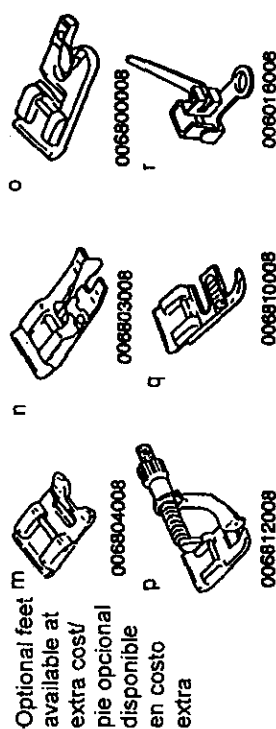
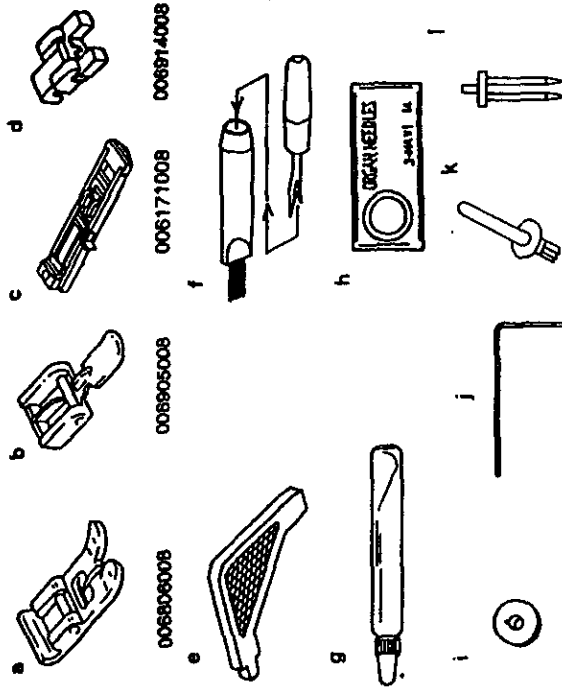
- a. Pie universal
- b. Pie para cremallera
- c. Pie para ojales
- d. Pie para botón de coser
- e. L-destornillador
- f. Costura de destripador/cepillo
- g. Botella del aceite
- h. paquete de agujas (3x)
- i. Canillas (3x)
- j. Guía de la costura
- k. Segundo perno de la canilla
- l. Aguja gemela

Pie extra

(Estos 6 pie de prensateja no son máquina; suministrados Con esta pero que son disponible como accesorio especial en su distribuidor local)

- m. Pie de punto liso
- n. Pie de encapitado
- o. Pie de dobladillos
- p. Pie de dobladillos invisible
- q. Pie de corte
- r. Pie de remiendos

Standard accessories/Accesorios estandarés



Optional feet 'm' available at extra cost/ pie opcional disponible en costo extra

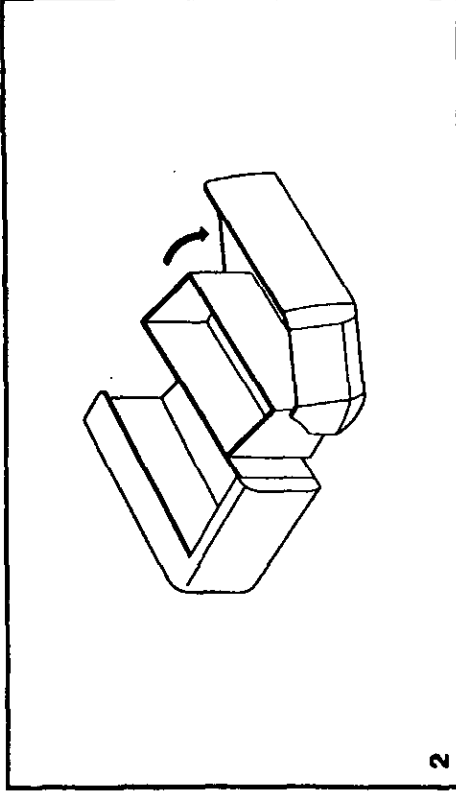
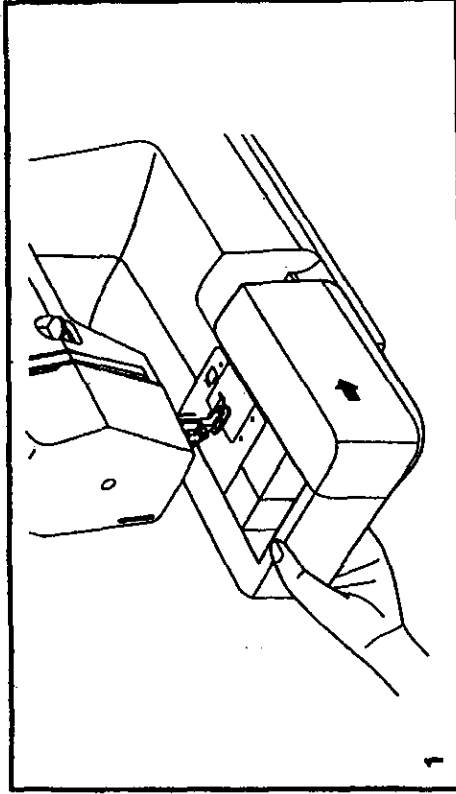
Adjusting the snap-in sewing table/ Ajusta la snap-in mesa plana corrediza

Keep the snap-in sewing table horizontal, and push it in the direction of the arrow. (1)

Guarda la horizontalidad de la snap-in mesa plana corrediza y lo empuja a la dirección de la saeta. (1)

The inside of the snap-in sewing table can be utilized as an accessory box. To open, lift up at the point of the arrow. (2)

El interior de la snap-in puede ser usado como caja accesoria. Levante la tapa desde el punto de la saeta para abrir. (2)



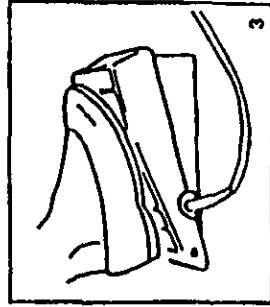
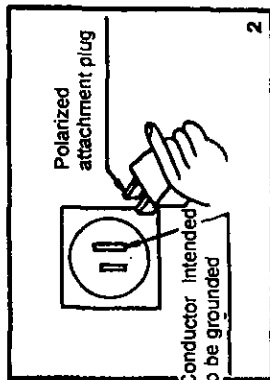
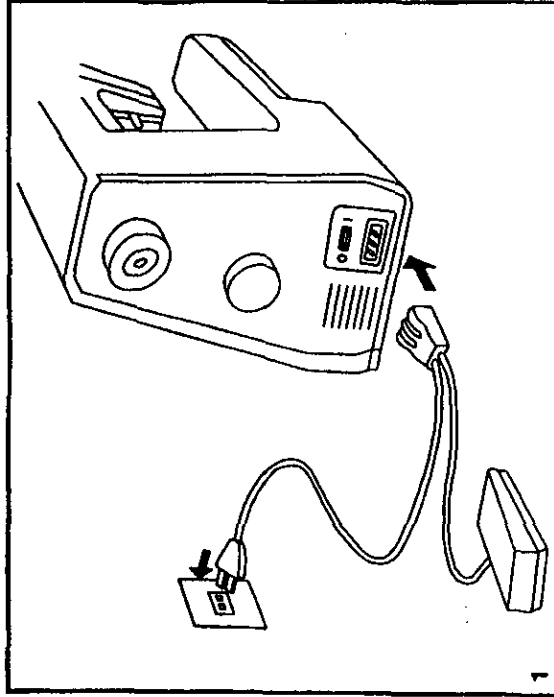
Connect the machine to a power source as illustrated. (1)
This appliance is equipped with a polarized plug which must be used with an appropriate polarized outlet. (2)

Attention:
Unplug power cord when machine is not in use.

Foot control
The foot control pedal regulates the sewing speed. (3)

Attention:
Consult a qualified electrician if in doubt as to connect machine to power source.
Unplug power cord when machine is not in use.
The foot control must be used with the appliance by 4C-316B (110-120V area)/4C-316C (220-240V area) manufactured by MATSUSHITA ELECTRIC (TAIWAN) CO., LTD.

Sewing light
Press main switch "I" for power and light on. (1)



IMPORTANT NOTICE

This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug will 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. Do not modify the plug in any way.

Conecta la máquina al fuente eléctrico

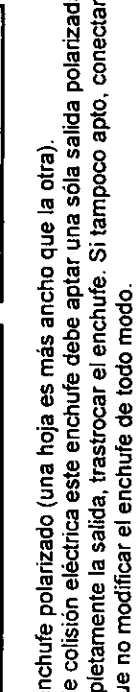
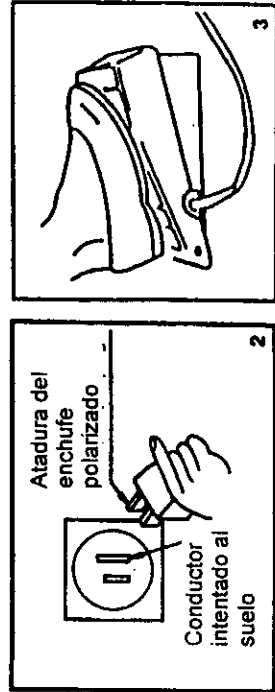
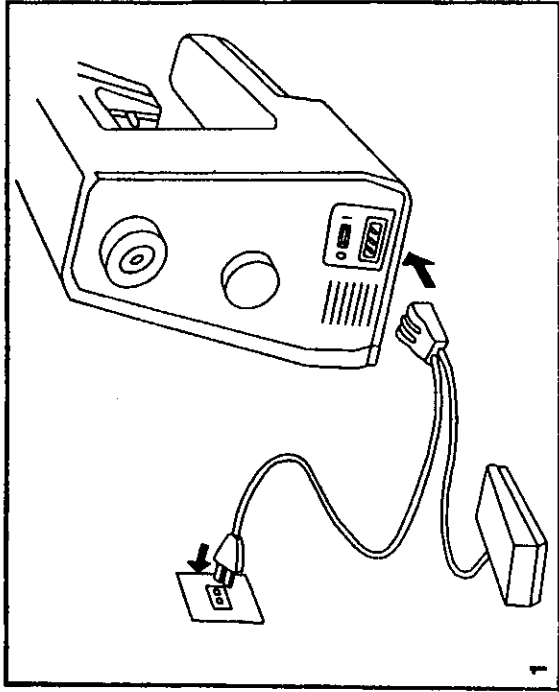
Conecte la máquina a un fuente eléctrico como la ilustración. (1)
Este aparato está proveído con un enchufe polarizado con tal que debe ser usado con la salida polarizada adecuada. (2)

Atención:
Desenchufe la máquina del toma corriente cuando no la use

Control de piel
El control de pie regular la velocidad de coser. (3)

Atención:
Consulte con electricista habilitada si tuviera duda sobre la conexión de fuente de la máquina.
Desenchufe la máquina del toma corriente cuando no la use.
El control de pie debe ser usado con el aparato mediante 4C-316B (110v-120V área)/4C-316C (220-240V área)
manufacturado mediante MATSUSHITA ELECTRIC (TAIWAN) CO.,LTD

Luz de Coser
Aprete el interruptor principal " I " para el fuente y la luz. (1)



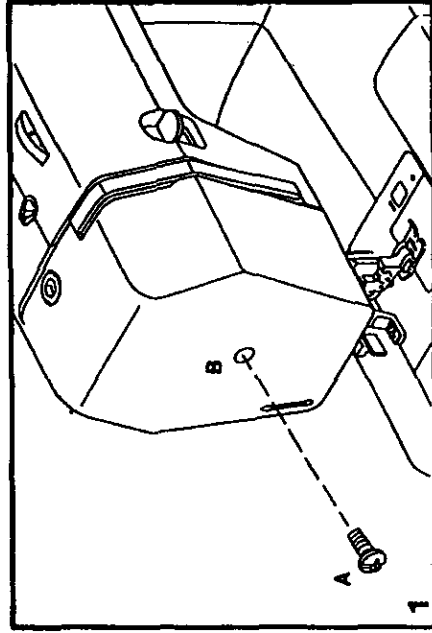
Nota Importante
Este aparato tiene un enchufe polarizado (una hoja es más ancho que la otra). Para reducir el riesgo de colisión eléctrica este enchufe debe aptar una sólo salida polarizada. Si no se puede aptar completamente la salida, trasrocar el enchufe. Si tampoco apto, conectar con electricista habilitado. Que no modificar el enchufe de todo modo.

Disconnect the machine from the power supply by removing the plug from the main socket!

- Loosen screw "A" as illustrated. (1)
- Remove the cover "B".

Desconectar la máquina con el suministro de energía mediante el removimiento del enchufe desde la cuenca principal.

- Destornillar el tornillo "A" como la ilustración. (1)
- Remover la tapa frontal "B".

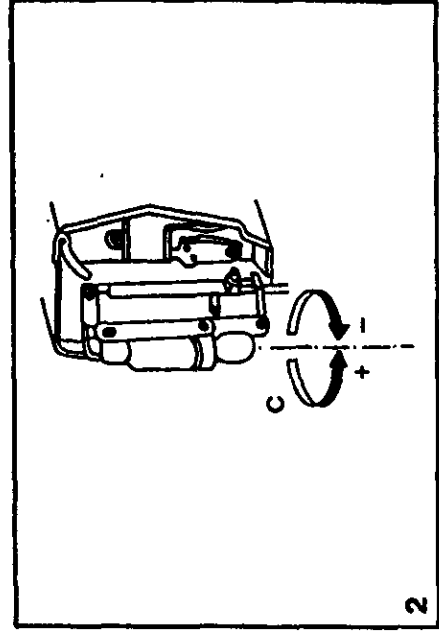


- Unscrew the bulb and fit new one "C". (2)
- Replace the cover and tighten screw.

Should there be any problem, ask your local dealer for advice.

- Destornillar la bombilla y aptar otra nueva "C". (2)
- Montar y atornillar la tapa frontal.

Frente cualquier problema, consultar con el suministrador local para el consejo.



When sewing several layers of thick fabrics, the presser foot can be raised a second stage for easy positioning of the work.

Cuando coser capa severas o tela gruesa, el pie prensatela puede alzar a segunda escalón para facilitar la posición del trabajo.

Adjusting presser foot pressure/ Ajustar la presión del pie prensatela

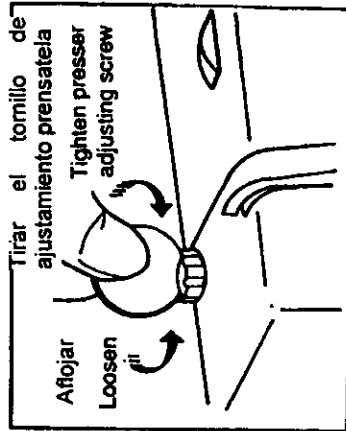
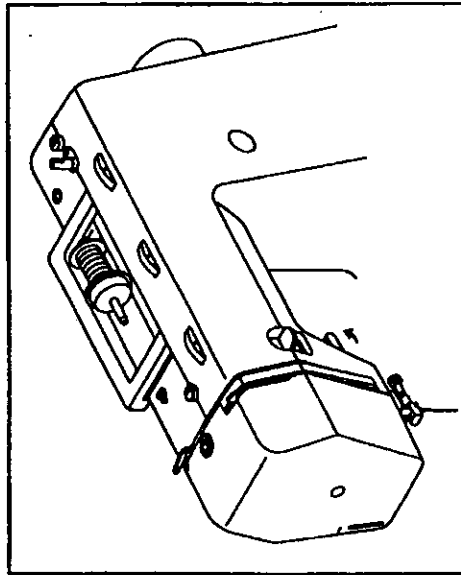
The presser foot pressure of the machine has been pre-set and requires no particular readjustment according to the type of fabric (light-or-heavy weight).

However, if you need to adjust the presser foot pressure, turn the presser adjusting screw with a coin. For sewing very thin fabric, loosen the pressure by turning the screw counter clockwise, and for heavy fabric, tighten by turning it clockwise.

La presión del pie prensatela de la máquina ha sido pre-seleccionada y no requiere re-ajustamiento particular para diferentes telas. (liviano-o-pesado).

De todo modo, si Ud. necesita ajustar la presión del pie prensatela, girar el tornillo de ajuste de presión con una moneda.

Para coser tela muy fina, aflojar la presión girando el tornillo contra dextrorso, y telas pesadas dextrorso.



Raise the presser foot clamp "a". (1) Attach the presser foot holder "b" as illustrated.

Attaching the presser foot

Lower the presser foot holder "a" until the cut-out "c" is directly above the pin "d".

(2)

Raise the lever "e".

Lower the presser foot holder "a" and the presser foot "f" will engage automatically.

Removing the presser foot

Raise the presser foot. (3)

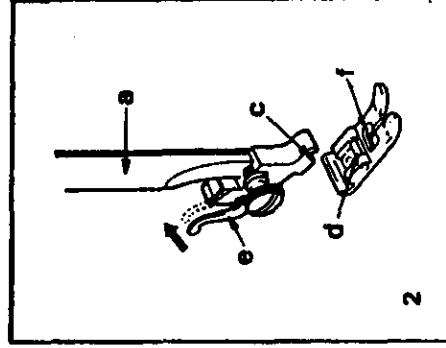
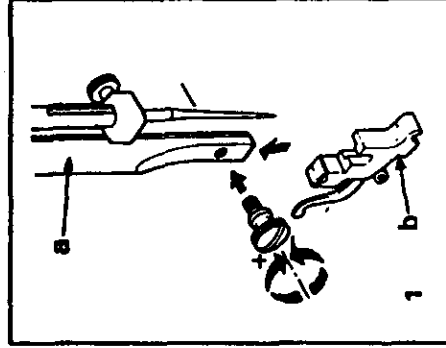
Raise the lever "e" and the foot disengages.

Attaching the seam guide

Attach the seam guide "g" in the slot as illustrated. Adjust according to need for hems, pleats, etc. (4)

Attention:

Turn power switch to "off" when carrying out any of the above operations!



Levantat la abrazadera prensatelas "a". (1) Montar la asa del pie prensatela "b" como la ilustración.

Montaje del pie prensatela

Bejar la barra del pie prensatela "a" hasta cut-out "c" está directamente sobre el perno "d" (2).

Levantat la palanca "e"

Bajar la barra del pie prensatela "a" y el pie prensatela "f" colocar automáticamente.

Desmontaje del pie prensatela

Levantat el pie prensatela (3)

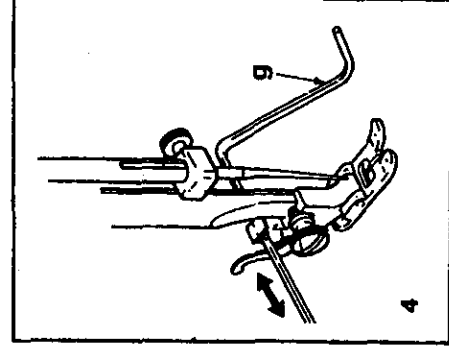
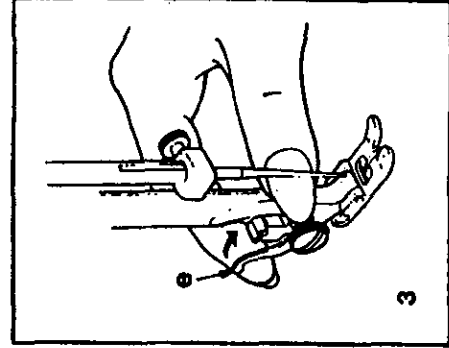
Levantat la palanca "e" y sotat el pie.

Montaje de la regla de borde

Montar la regla de borde "g" como la ilustración. Ajustar según la necesidad de dobladillos, pliegues, etc. (4)

Atención:

El interruptor de energía debe estar en la posición "off" cuando está efectuando manipulación.

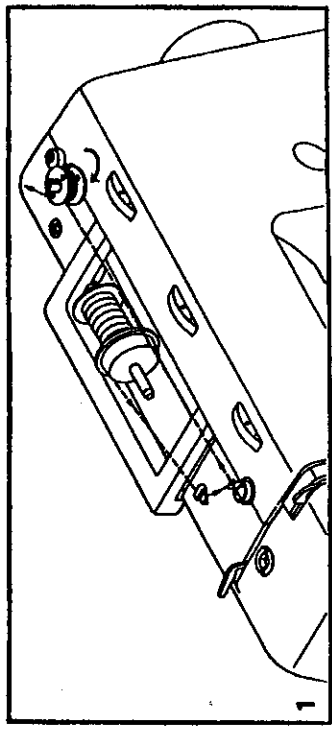


Place empty bobbin on spindle.

Take the thread from the spool through the guide to the bobbin. (1)

Wind the thread a few times by hand around the empty bobbin in a clockwise direction. Push the bobbin to the right towards the bobbin winding position (Fig. 2). Press the foot control gently. The bobbin will stop winding when it is full. Push the bobbin to the left to "sewing position" and remove it.

Please Note: When the bobbin winder spindle is in "bobbin winding" position, the machine will not sew-the hand wheel will not turn. To start sewing, push the bobbin winder spindle to the left (sewing position).

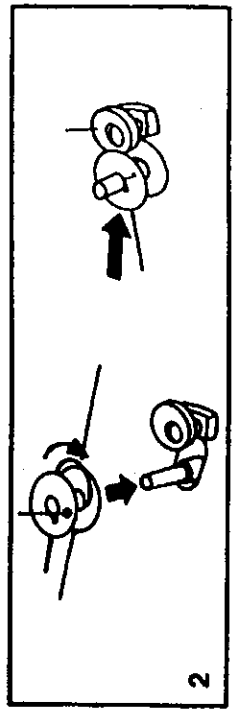


Poner la canilla vacia en el eje.

Tirar el hilo de la bobina y hacerlo pasar mediante las guias a la bobina. (1)

Envolver el hilo a mano en la canilla en el sentido de contra dextrorso. Empujar la canilla a la derecha hacia adelante a posición tortuosa (Fig. 2). Apretar el control de pie lentamente. Cuando la canilla está llena el embobinado se para automáticamente. Empujar la canilla a la izquierda a la posición de coser y removerlo.

Que tenga atención: cuando el eje está en la posición de "bobbin winding", la máquina no se coserá, la rueda del mano no se girar. Para iniciar el coser, empujar el eje de la canilla a la izquierda. (posición de coser).



When inserting or removing the bobbin, the needle must be fully raised.

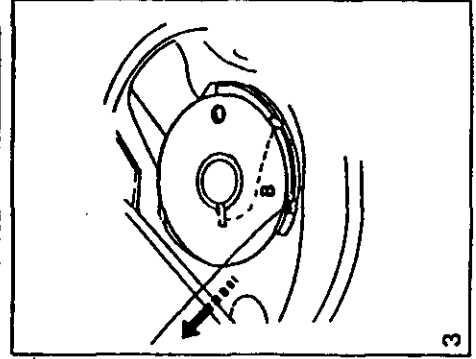
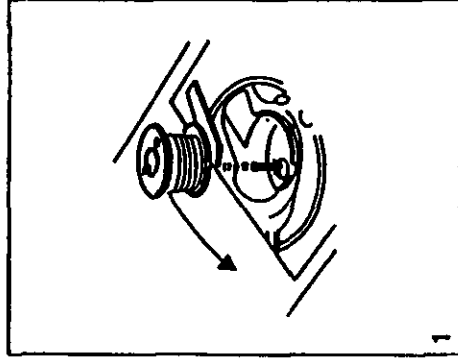
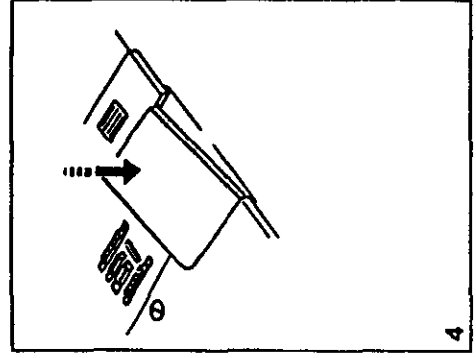
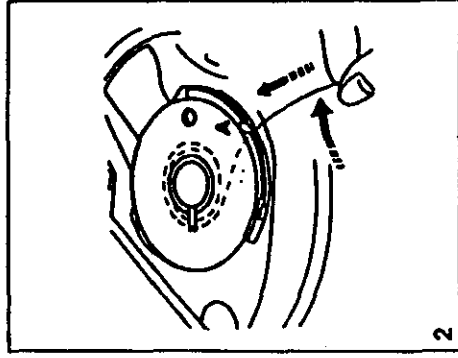
1. Inserting the bobbin in the bobbin holder with the thread running counter clockwise direction (arrow).
2. Pull the thread through the slit A.
3. Draw the thread clockwise until it slips into the notch B.
4. Pull out about 15 cm of thread and attached the bobbin cover plate.

Attention:
Turn power switch to "off" before inserting or removing the bobbin.

Cuando insertando o removiendo la canilla, la aguja debe ser completamente subida.

1. Inserta la canilla a la porta-canilla con el corredor de hilo a dirección dextrorso (flecha).
2. Pone el hilo pasando el sedimento A.
3. Tira el hilo dextrorso hasta que el traspíe entrar la muesca B.
4. Saca más o menos 15cm del hilo y sujetado con la tapa plato de canilla.

Atención:
Gira el interruptor a la posición "Off" antes de insertar y/o remover la bobina.



Change the needle regularly, especially if it is showing signs of wear and causing problems.

Insert the needle as illustrated as follows:

- A Loosen the needle clamp screw and tighten again after inserting the new needle. (1)
- B The flat side of the shaft should be towards the back.
- C/D Insert the needle as far up as it will go.

Atención:

Turn power switch to "off" before inserting or removing the needle.

Needles must be in perfect condition. (2)

Problems can occur with:

- A bent needles
- B blunt needles
- C damaged points

Cambiar la aguja regularmente, especialmente si la aguja demuestra signos de desgaste y se causará problemas.

Inserta la aguja como ilustrado los siguientes:

- A flojar el tornillo del porta-agujas y atiesar otra vez después de insertar la nueva aguja. (1)
- B El lado plano tiene que estar hacia atrás.
- C/D Introducir la aguja hasta el tope

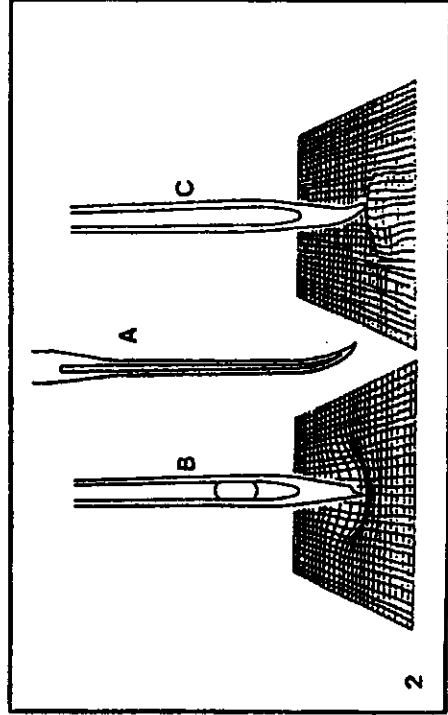
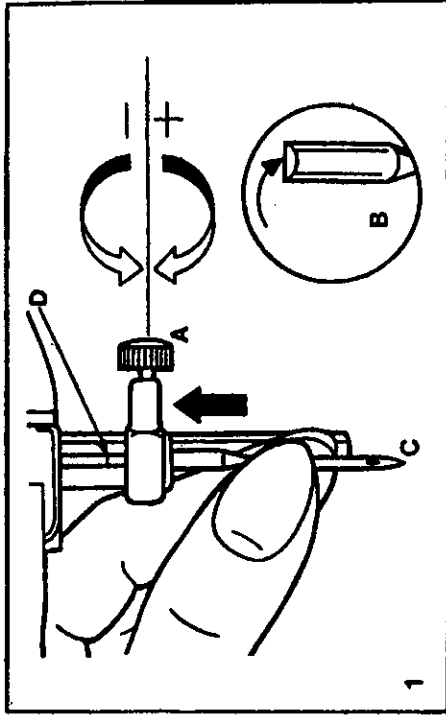
Atención:

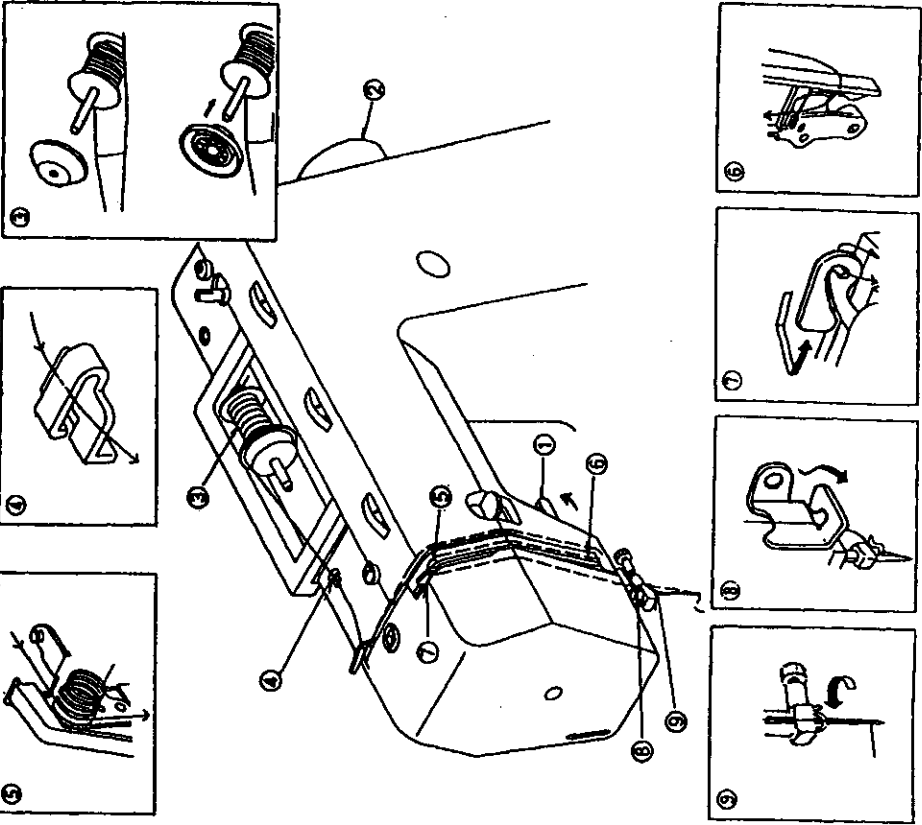
El interruptor de energía debe estar en la posición "off" antes de insertar o remover la aguja.

La aguja debe estar en condición perfecta. (2)

Problemas que se puede ocurrir:

- A. La aguja está torcida.
- B. La aguja está despuntada.
- C. La punta tiene garfios.

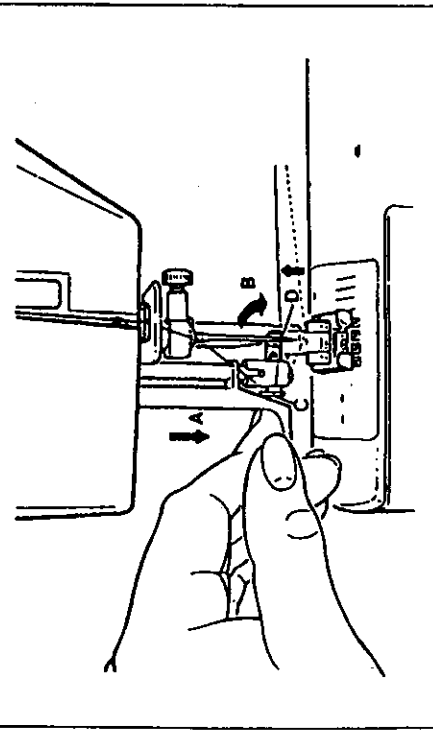




This is a simple operation but it is important to carry out correctly as by not doing so several sewing problems could result. Start by raising the needle to its highest point, and also raise the presser foot to release the tension discs. (1) (2)

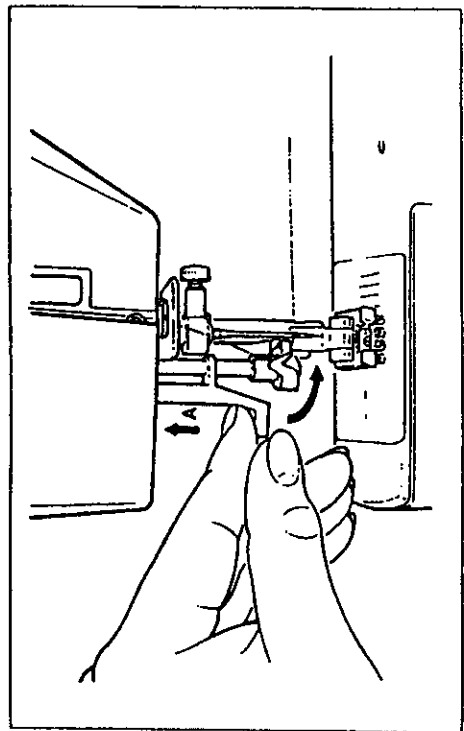
1. Lift up the spool pin. Place the spool of the thread on the holder with the thread coming off the spool as shown. (3)
2. For small thread spools, use the spool holder opposite. (4)
3. Draw thread from spool through the upper thread guide. (4)
4. Bring thread forward through the two tension discs in the top front of the machine. (5)
5. Continue downwards on the right side of the large vertical thread guide passing under and up the left side allowing the thread to engage with the check spring as it passes upwards. (6)
6. At the top of this movement pass it from right to left through the slotted eye of the take-up lever and then downwards again. (7)
7. Pass behind the flat horizontal thread guide. (8)
8. Now take it behind the thin wire needle clamp guide and then down to the needle which should be threaded from front to back. Pull about 6-8 inches of thread to the rear beyond the needle eye. (9)

Note: On all electronic models an automatic needle threader is fitted for which instructions can be found on page 16.



- Raise the needle to its highest position
- Press lever "A" right down
- The threader automatically swings to the threading position "B"
- Take the thread round the hook "C"
- Take the thread in front of the needle round the hook "D" from bottom to top
- Release lever "A"
- Pull the thread through the needle eye.

Attention:
Turn power switch to "0"!



- Levanta la aguja a su posición más alto.
- Apreta la palanca "A" a abajo.
- El Enfilador girar automáticamente a la posición "B".
- Saca el hilo alrededor del gancho "C"
- Saca el hilo delante de la aguja alrededor del gancho "D" desde el fondo a la cima.
- Aflojar la palanca "A"
- Poner el hilo pasando el ojo de aguja.

Atención:
Girar el interruptor de energía a la posición "0"

Thread tension/ Tensión del hilo

Upper thread tension

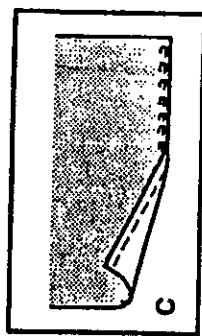
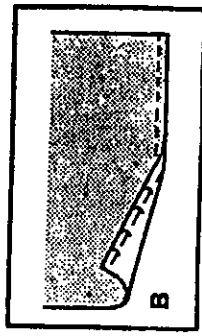
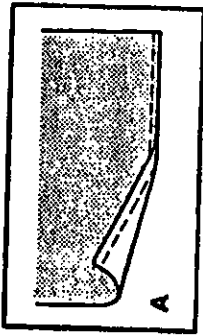
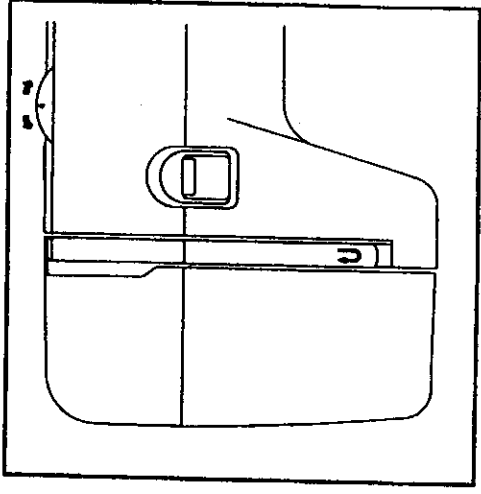
Basic thread tension setting: 4.
To increase the tension, turn the dial to the next number up. To reduce the tension, turn the dial to the next number down.

- A Normal thread tension
- B Thread tension too loose
- C Thread tension too tight

Tensión del hilo superior

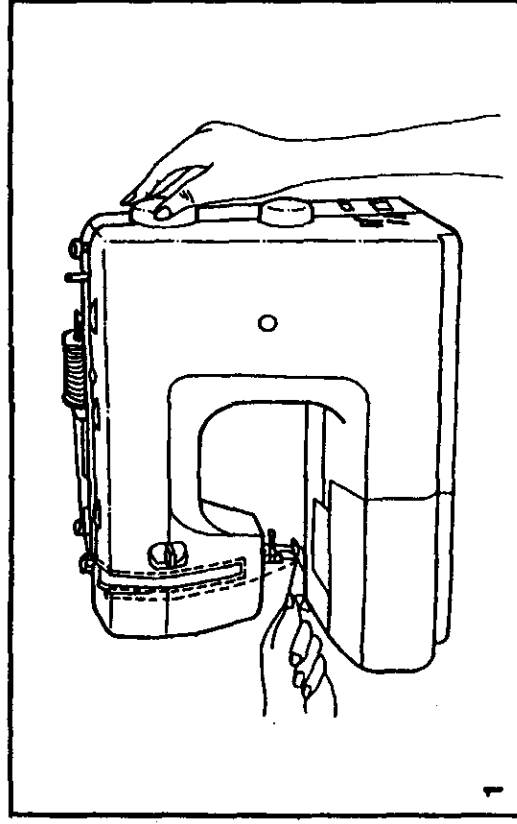
Basica puesta de tensión del hilo:4
Para incrementar la tensión, girar el disco al número de próximo alto.
Para reducir la tensión, girar el disco al número de próximo bajo.

- A. Tensión normal del hilo
- B. Tensión muy suelto del hilo
- C. Tensión muy tirante del hilo



Hold the upper thread with the left hand. Turn the handwheel forwards until the needle is raised. (1)

Mantiene el hilo superior con la mano izquierda. Girar el volante de mano hacia adelante hasta que la aguja está levantada. (1)



Pull on the upper thread to bring the lower thread up through the stitch plate hole. Lay both threads to the back under the presser foot. (2)

Ponerse el hilo superior para llevar el hilo inferior subir pasando el punto del agujero del plato. Dejar ambos hilos a atrás bajo el pie prensatela. (2)



Reverse sewing/ Coser hacia atrás

At the end of seam, press down the reverse sewing lever. Sew a few reverse stitches. Release the lever and the machine will sew forwards again. (A)

Al final de la costura apretar el botón de retroceso. Coser algunos puntos hacia atrás. Apenas se suelta el botón, la máquina cose de nuevo hacia adelante. (A)

Removing the work/ Sacar el labor

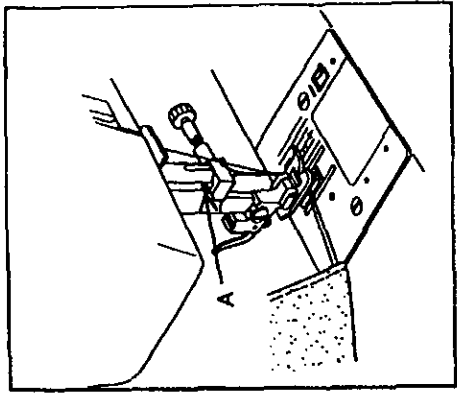
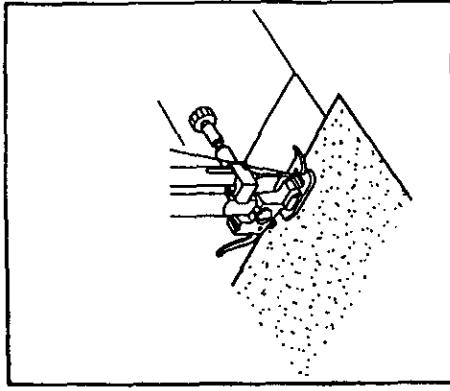
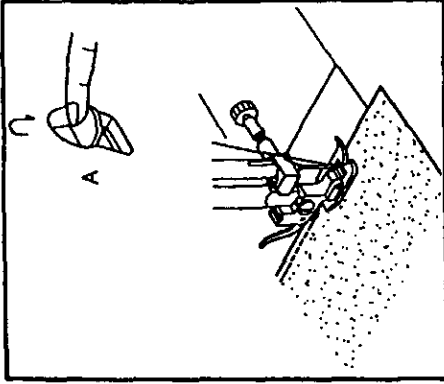
Turn the handwheel towards to bring the thread take up lever to its highest position, raise the presser foot and remove work towards the back.

Colocar la palanca tensora del hilo en su posición más alta, levantar el pie prensatela y retirar la labor tirando hacia atrás.

Cutting the thread/ Cortar el hilo

Cutting the thread:
Hold the threads behind the presser foot with both hands, guide them to the slit "A" and press down.

Sujetar los hilos con las dos manos detrás de la prensatela. Hacerlos entrar en la ranura "A" y apretar hacia abajo.



NEEDLE, FABRIC, THREAD SELECTION GUIDE

NEEDLE SIZE	FABRICS	THREAD
9-11 (65-75)	Lightweight fabrics-thin cottons, voile, serge, silk, muslin, Qiana, interlocks, cotton knits, tricot, jerseys, crepes, woven polyester, shirt & blouse fabrics.	Light-duty thread in cotton, nylon or polyester.
12 (80)	Medium weight fabrics-cotton, satin, kettlecloth, sailcloth, double knits, lightweight woolsens.	Most threads sold are medium size and suitable for these fabrics and needle sizes. Use polyester threads on synthetic materials and cotton on natural woven fabrics for best results. Always use the same thread on top and bottom.
14 (90)	Medium weight fabrics-cotton duck, woolen, heavier knits, terrycloth, denims.	
16 (100)	Heavyweight fabrics-canvas, woolsens, outdoor tent and quilted fabrics, denims, upholstery material (light to medium).	
18 (110)	Heavy woolsens, overcoat fabrics, upholstery fabrics, some leathers and vinyls.	

IMPORTANT Match needle size to thread size and weight of fabric.

NEEDLE, FABRIC SELECTION

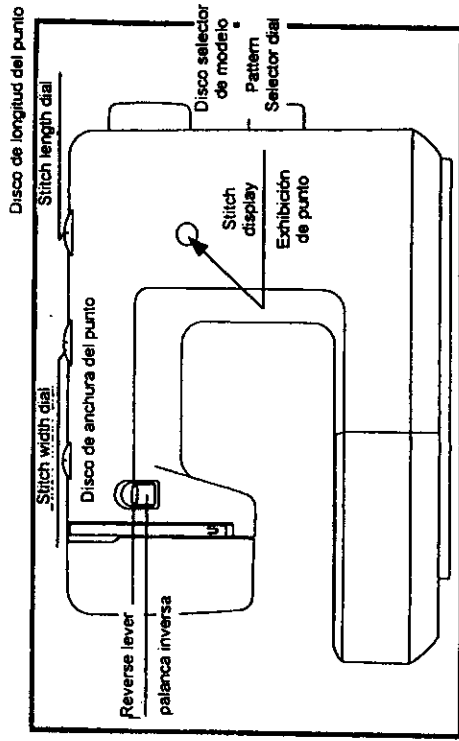
NEEDLES	EXPLANATION	TYPE OF FABRIC
HA x 1 15 x 1	Standard sharp needles. Sizes range thin to large. 9 (65) to 18 (110)	Natural woven fabrics-wool, cotton, silk, etc. Qiana. Not recommended for doubleknits.
15 x 1/705H	Semi-ball point needle, scarfed. 9 (65) to 18 (110)	Natural and synthetic woven fabrics; polyester blends. Knits-polyesters, interlocks, tricot, single and double knits. Can be used instead of 15x1 for sewing all fabrics.
15 x 1/705H (SUK) 130 PCL	Full ball point needle 9 (65) to 18 (110) Leather needles. 12 (80) to 18 (110)	Sweater knits, Lycra, swimsuit fabric, elastic. Leather, vinyl, upholstery. (Leaves smaller hole than standard large needle.)

Note:

1. Twin needles, can be purchased for utility and decorative work.
2. When sewing with twin needles, the stitch width dial should be set at less than 4.
3. European needles show sizes 65, 70, 80 etc. American and Japanese needles show size 9, 11, 12 etc.
4. Replace needle often (approximately every other garment) and / or at first thread breakage or skipped stitches.

For straight stitch select pattern "A" with pattern selector dial. Adjust the stitch length with the stitch length dial. You may choose any needle position, by turning the stitch width dial. For zigzag stitch, select pattern "B" with pattern selector dial. Adjust the stitch length and stitch width according to the fabric being used. To obtain any of the other patterns shown in the upper row on the stitch selection panel, select the letter above the stitch with the stitch selector dial. Adjust the stitch length and the stitch width with the control dials according to the result desired. To obtain any of the patterns on the second row, turn the stitch length dial to "S", select the pattern desired with pattern selector dial, and adjust the stitch width with the stitch width dial.

Para punto recto, elige el modelo "A" con el disco selector de modelo. Ajustar la longitud del punto con el disco de longitud de punto. Ud. puede elegir cualquier posición de aguja, mediante el giro del disco de la anchura de punto. Para punto zigzag, elige el modelo "B" con el disco selector de modelo. Ajustar la longitud del punto y la anchura de disco según la tela. Para obtener cualquier otro modelos demostrado en el superior de la fila sobre el panel de selección de punto, elige la letra sobre el punto con el disco selector de punto. Ajustar la longitud del punto y la anchura del punto con el disco de control de acuerdo con el resultado deseado. Para obtener cualquier otros modelos sobre la segunda fila, girar la longitud del punto marcado a "S", elige el modelo deseado con disco selector, y ajustar la anchura del punto con el disco de anchura del punto.



Straight stitching and needle position/ Punto recto & posición de la aguja

Turn the stitch selection dial so that the pointer is set to the straight stitch position. **(A)** Generally speaking, the thicker the fabric, thread and needle, the longer the stitch should be.

S
 I III
 I III
 I III
 I III
 I III

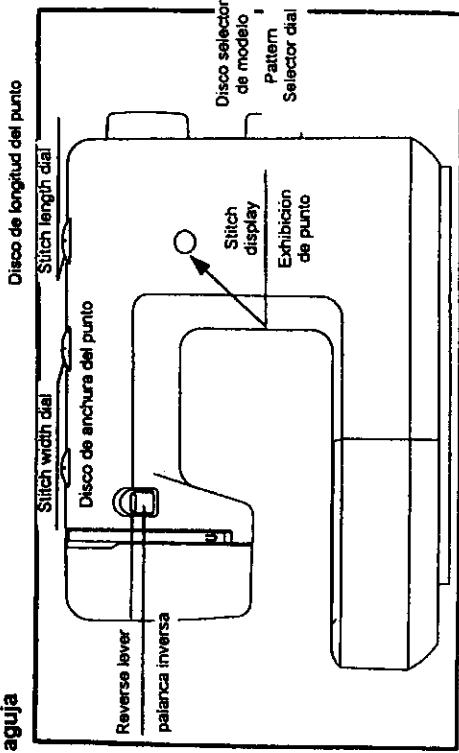
Straight stitches

- Choose your needle position, from center position to left needle position by changing the stitch width dial from "0" to "7".

Gira el disco selector del punto que el indicador está puesta en la posición del punto recto. **(A)** Generalmente, tela gruesa, filo y aguja, el punto debe ser más largo.

S
 I III
 I III
 I III
 I III
 I III

- Elige su posición de aguja, desde la posición central a la posición aguja izquierda mediante el cambio del disco de anchura del punto desde el "0" a "7".



Turn the stitch selection dial to "B"

Function of zigzag dial

The maximum zigzag stitch width for zigzag stitching is "7"; however, the width can be reduced on any patterns. The width increases as you move zigzag dial from "0" - "7". For twin needle sewing, never set the width wider than "5". (1)

Function of stitch length dial while zigzagging

The density of zigzag stitches increase as the setting of stitch length dial approaches "0".

Neat zigzag stitches are usually achieved at "2.5" or below (2)

Closed up zigzag stitches (close together) are referred to as a satin stitch.

Gira el disco selector a "B"

Función del disco zigzag

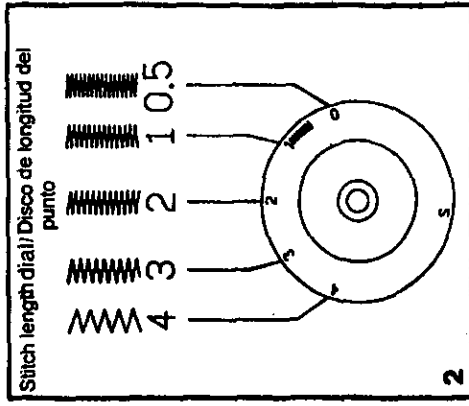
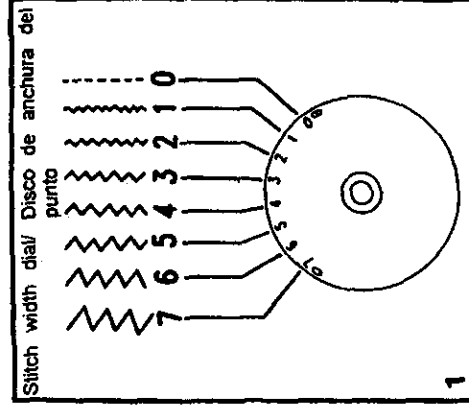
La anchura máxima zigzag punto para es de "7" de todo modo, la anchura puede ser reducido sobre cualquier modelos. La anchura incrementará según Ud. mueve el disco zigzag desde "0" - "7". Para aguja gembela de coser, nunca puestas la anchura mayor que "5". (1)

Función de la longitud del disco punto cuando zigzagueando

La densidad de puntos de zigzag incrementará según el puesto de la longitud del disco punto aproximarse "0".

Puntos de zigzag esbelto son siempre alcanzado en "2.5" o menos (2).

Cierre puntos de zigzag (cierre junto) son referidos punto sation.



Blind hem/Ingenere stitch Orilla invisible/Punto interior

For hems, curtains, trousers, skirts, etc.

Blind hem for stretch fabrics. position "F" on selection dial.

Blind hem/Ingenere for firm fabrics. position "E" on selection dial.

Set the machine as illustrated. (1)

Note:

It takes practice to sew blind hems. Always make a sewing test first.

Fold the fabric as illustrated with the wrong side uppermost. (2)

Place the fabric under the foot. Turn the handwheel forwards by hand until the needle swings fully to the left. It should just pierce the fold of the fabric.

If it does not, adjust the stitch width accordingly. (3)

Adjust the guide (4) by turning the knob (5) so that the guide just rests against the fold.

Sew slowly, guiding the fabric carefully along the edge of the guide.

Para orillas, cortinas, pantalones, faldas, etc

Orilla invisible para telas elásticas

Orilla invisible/interior para telas firmes

Puesta la máquina como la ilustración. (1)

Posición "F" sobre disco selector

Posición "E" sobre disco selector

Nota:

Se necesita llevar prácticas para coser la orilla invisibles. Siempre hacer prueba primero.

Plegar la tela como ilustrado con el lado equivocado más alto. (2)

Colocar la tela bajo el pie. Girar el volante de mano hacia adelante

mediante la mano hasta la aguja oscilante completamente en la izquierda.

Debe ser penetrado a la tela plegada, si no lo hacer, ajustar la anchura del

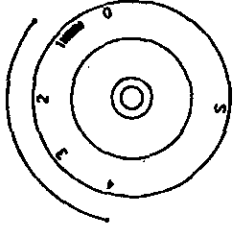
punto en conformidad. (3)

Ajustar la guía (4) girando el puño (5) entonces la guía apoyar contra la tela

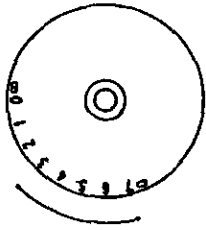
plegada.

Coser lento, guiando la tela con cuidado seguir el filo de la guía.

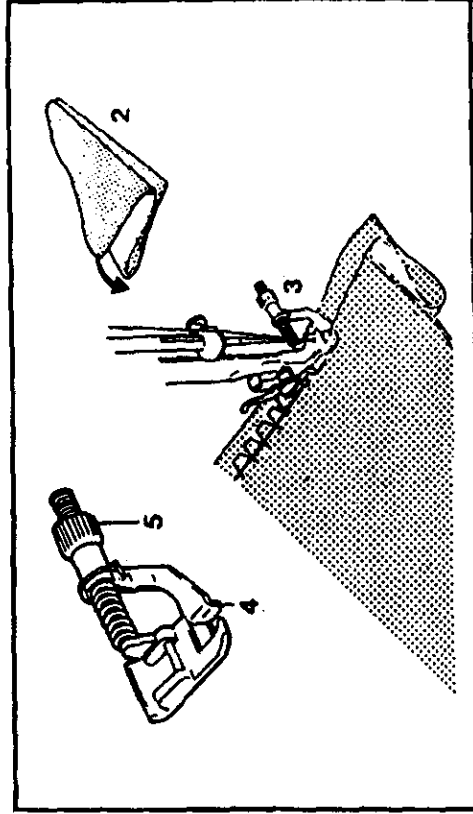
Stitch length dial
Disco de longitud del punto



Stitch width dial
Disco de anchura del punto



1



Seams, neatening, visible hems.
Turn stitch length dial to S.
The stitch width can be adjusted to suit the fabric.

Standard overlock:
For fine knits, jerseys, neck edges, ribbing.

Double overlock stitch
For fine knits, handknits, seams.

Stretch overlock
For fine knits, jerseys, neck edges, ribbing.
All overlock stitches are suitable for sewing and neatening edges and visible seams in one operation.
When neatening, the needle should just go over the edge of the fabric.

Atención:
Use new needles or ball point needles! or stretch needle!

Costura, alisando, orillas visibles
Girar la longitud del punto marcar a S.
La anchura del punto puede ser ajustado para adecuar la tela.

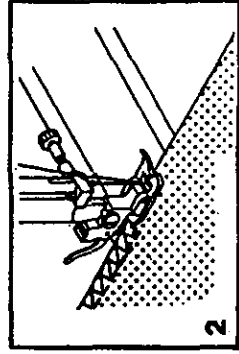
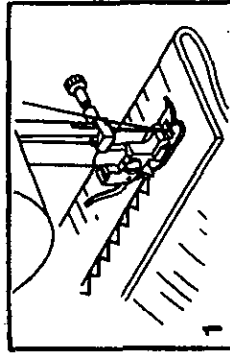
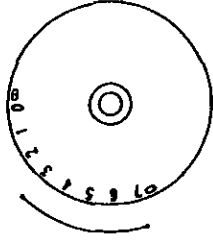
Overlock Estandard
Para calceta fina, jerseys, filo de cuello, cordoncillos

Doble punto overlock
Para calceta, tricotado a mano, costuras.

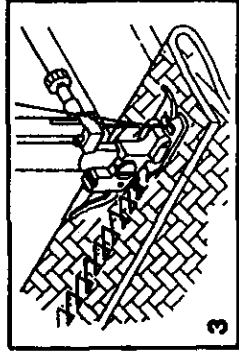
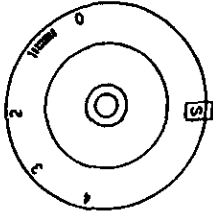
Overlock elástica
Para calceta fina, jerseys, filo de cuello, cordoncillos
Todos los puntos de overlock son adecuados para coser y alisarse filos y orillas visibles en una operación.
Cuando alisando, la aguja debe pasar el filo de la tela.

Atención:
Usa nuevas agujas o punto de bola! O aguja elástica!

Stitch width dial



Stitch length dial



Turn the drop feed control to right side. (Low down the feed dog)

Position the work under the foot. Place the button on the marked position, lower the foot, adjust stitch width to "0" and sew a few securing stitches. Adjust the stitch width. Turn the handwheel to check that the needle goes cleanly into the left hole of the button (adjust the stitch width according to the button), and sew on the button. Adjust the stitch width to "0" and sew a few securing stitches.

If a shank is required, place a darning needle on top of the button and sew. (3) For buttons with 4 holes, sew through the front two holes first (2), push work forward and then sew through the back two holes as described. (3)

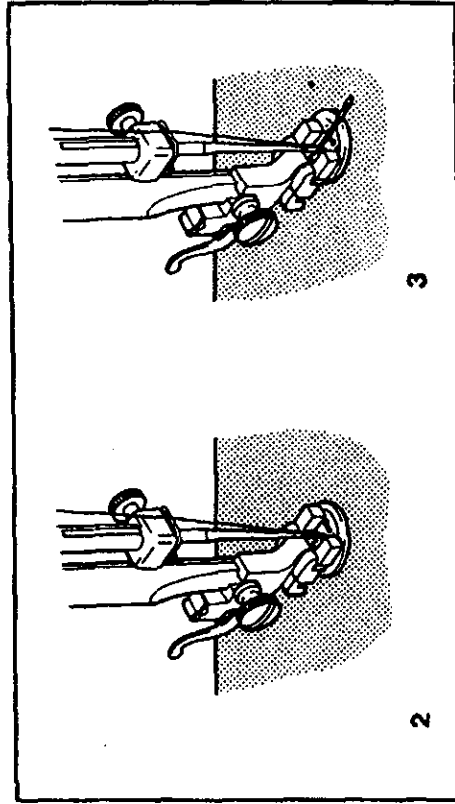
Gira el control de alimento de goma a la derecha. (bajar el gancho)

Puesta el trabajo bajo el pie. Colocar el botón sobre la posición marcada, más bajo que el pie, ajustar la anchura del punto a "0" y coser unos puntos seguros. Ajustar la anchura del punto. Girar el volante de mano para revisar que la aguja va limpio dentro del agujero del botón (ajustar la anchura del punto de conformidad con el botón), y coser sobre el botón. Ajustar la anchura del punto a "0" y coser unos puntos seguros.

Si se requiere una caña, colocar aguja remiendos sobre la tapa del botón y coser.(3). Para botón con 4 agujeros, coser pasando los dos agujeros frontales primero (2), empujar hacia adelante y coser pasando el atrás de los dos agujeros descritos. (3).



1



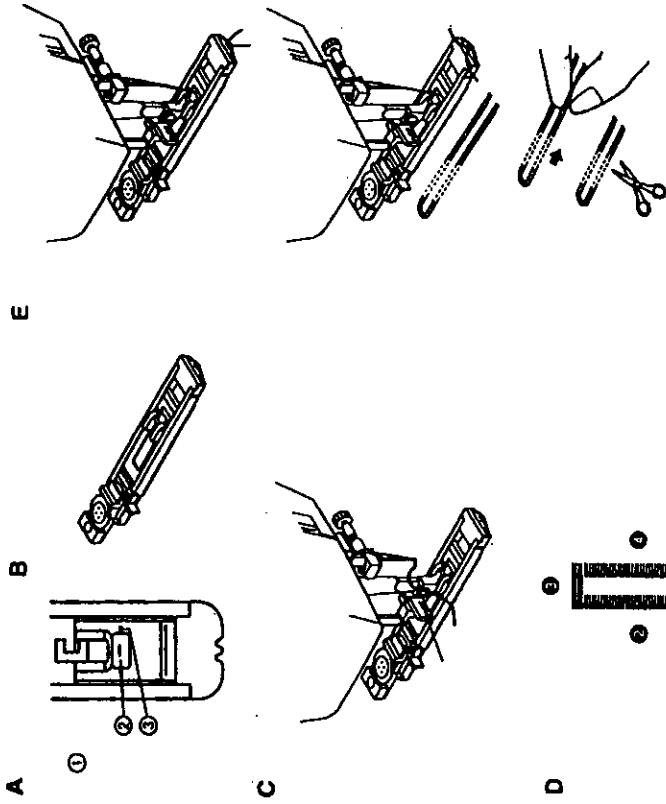
2

3

Buttonhole-making is a simple process that provides reliable results.

Making a Buttonhole

1. Using tailor's chalk, mark the position of the buttonhole on the fabric.
2. Attach the buttonhole foot and set the pattern selection dial to "1".
3. Lower the presser foot aligning the marks on foot with the marks on the fabric as shown in fig. A. (The front bar tack will be sewn first.)
4. Open the button plate and insert the button. (See fig. B.)
5. Lower the buttonhole lever and push it back slightly as in fig. C.
6. While gently holding the upper thread, start the machine.
7. Buttonhole stitching is done in the order shown in fig. D.
8. Stop the machine when the buttonhole is sewn.
 - (1). Align the marks on the foot with those on the fabric.
 - (2). Starting mark on the fabric.
 - (3). Marks on the foot.
 - (4). Button plate

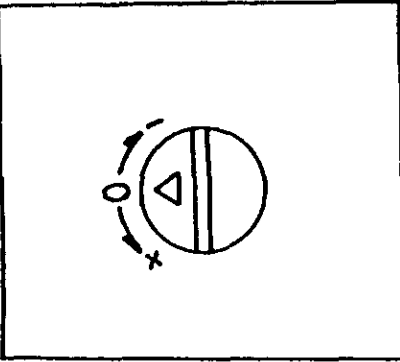


Making a Buttonhole on Stretch Fabrics (fig.E)

When sewing buttonholes on stretch fabric, place a gimp thread under the buttonhole stitching.

1. Mark the position of the buttonhole on the fabric with the tailor's chalk, attach the buttonhole foot, and set the pattern selection dial to "1".
2. Hook the gimp thread onto the back end of the buttonhole foot, then bring the two gimp thread ends to the front of the foot, insert them into the grooves and temporarily tie them there.
3. Lower the presser foot and start sewing.

*Set the stitch width to match the diameter of the gimp thread.
4. Once sewing is completed, gently pull the gimp thread to remove any slack, then trim off the excess.



Stitch density on right and left sides of buttonhole can be adjusted by buttonhole balance control dial.
This dial should usually be in a neutral position (between "+" and "-")

If the stitches on the right side of buttonhole are too close together, turn the dial to the left (+).

* Turning dial to the left opens right side and closes the left side.

If the stitches on the right side of the buttonhole are too open, turn the dial to the right (-).

* Turning dial to right closes right side and opens left side.

La densidad del punto de la derecha y de la izquierda de prensatela puede ser ajustado mediante el disco de control de balance prensatela.

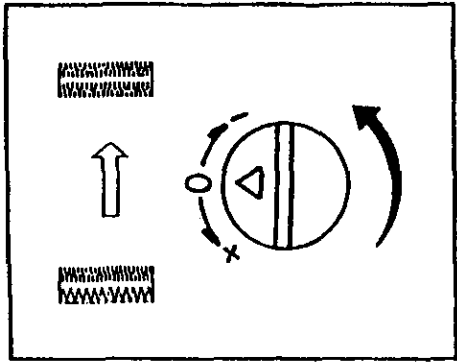
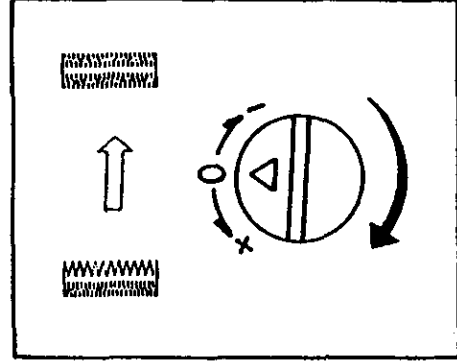
Este disco debe estar siempre en una posición neutral. (dentro "+" & "-")

Si los puntos de la derecha de prensatela están muy cerca, entonces girar el disco a la izquierda (+).

* Girando el disco a la izquierda abre la derecha y cierra la izquierda.

Si los puntos de la derecha de prensatela están muy abiertos, girar el disco a la derecha (-).

* Girando el disco a la derecha cierra la derecha y abre la izquierda.



Zipper and piping/ Colocación de cremalleras

Set the machine as illustrated. (1) Dial selector on "A"

Puesta la máquina como ilustrado. (1) Marcar selector a "A"

The zip foot can be inserted right or left, depending on which side of the foot you are going to sew. (2)

To sew past the zip pull, lower the needle into the fabric, raise the presser foot and push the zip pull behind the presser foot. Lower the foot and continue to sew.

It is also possible to sew in a length of cord, into a bias strip to form a 'welt'.

Set stitch length control between 1-4 (according to thickness of fabric). (3)

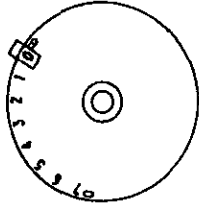
El pie de la cremallera puede ser insertado a la derecha y /o a la izquierda, depende con qué lado del pie Ud. va a coser. (2)

Para coser el tirón de cremallera, bajar la aguja dentro la tela, levantar el pie prensatela y empujar el tirón de cremallera debajo del pie prensatela. Bajar el pie y continua el coser.

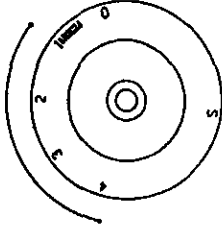
Es posible coser la longitud de la cuerda, dentro una banda diagonal desde una "vira".

Puesta el control de longitud del punto dentro 1-4 (de conformidad con el grueso de la tela). (3)

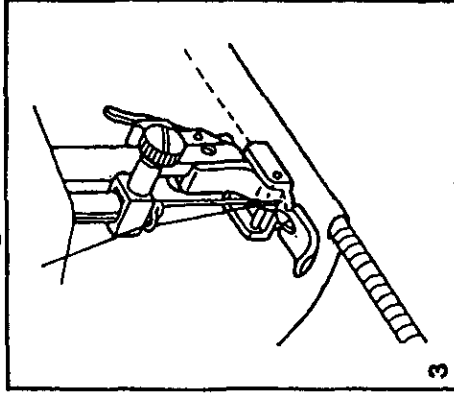
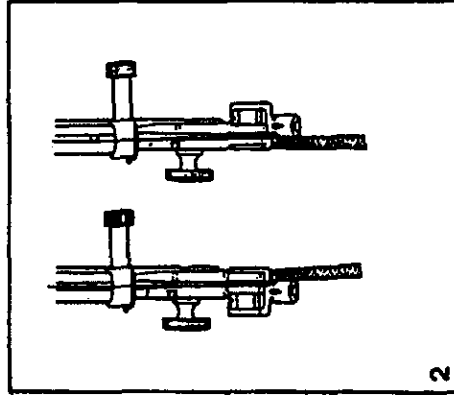
Stitch width dial
Disco de anchura del punto



Stitch length dial
Disco de longitud del punto



1



2

3

For hems in fine or sheer fabrics.
Set the machine as illustrated. (1) Pattern selector on "A"

Para orilla fina o tela transparente.
Puesta la máquina como ilustrado. (1) Selector de modelos en "A"

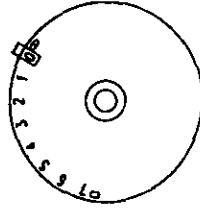
Neaten the edge of the fabric. At the beginning of the hem, turn under the edge twice by about 3 mm (1/8") and sew 4-5 stitches to secure. Pull the thread slightly towards the back. Insert the needle into the fabric, raise the presser foot and guide the fold into the scroll on the foot. (2)

Gently pull the fabric edge towards you and lower the presser foot. Begin sewing, guiding the fabric into the scroll by holding it upright and slightly to the left. (3)

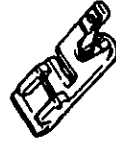
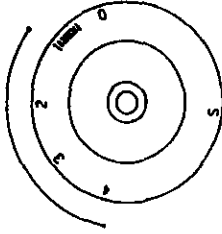
Alisar el filo de la tela. En el inicio de la orilla, girar bajo del filo dos veces más o menos 3 mm (1/8") y coser 4-5 puntos de seguros. Tirar el hilo lentamente hacia atrás. Insertar la aguja dentro de la tela, levantar el pie prensatela guía el pliegue dentro el rollo sobre el pie. (2)

Lentamente tirar el filo de la tela hacia Ud. y bajar el pie prensatela. Comienza cosiendo, guiando la tela dentro el rollo mediante el mantenimiento recto y suamente a la izquierda.

Stitch width dial
Disco de anchura del punto.



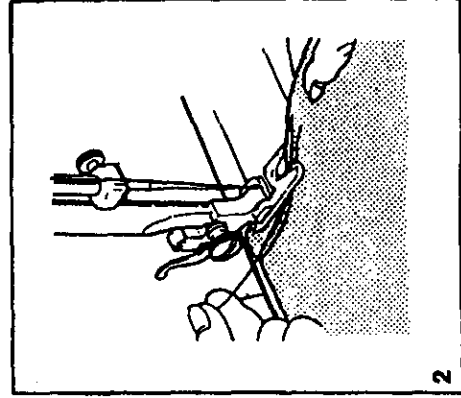
Stitch length dial
Disco de longitud del punto



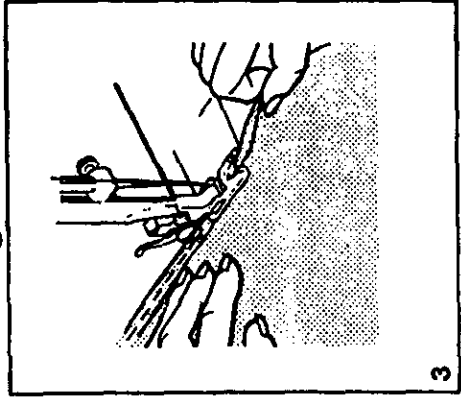
1



A



2



3

3- pasos zig-zag

Sewing on lace and elastic, darning, mending, reinforcing edges. Set the machine as illustrated. (1) Pattern selector on ©

Cosiendo sobre el encaje y elástico, remiendos, reparación, filos reforzados.

Puesta la máquina como ilustrado. (1) Selector en "C"

Place patch in position. The stitch length can be shortened to produce very close stitches. (2)

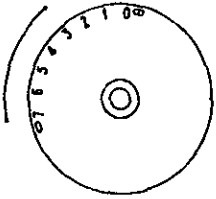
When mending tears, it is advisable to use a piece of backing fabric to reinforce. The stitch density can be varied by adjusting the stitch length. First sew over the centre and then overlap on both sides. Depending on the type of fabric and damage, sew between 3 and 5 rows. (3)

Colocar el pedazo en posición. La longitud del punto puede ser cortado para producir puntos muy cercanos. (2)

Cuando reparando el rasgón, es aconsejable usar la pieza de espalda de la tela para reforzarse. La densidad del punto puede ser variado mediante ajustamiento de la longitud del punto. Primero coser el centro y solapo sobre ambos lados. Dependende el tipo de la tela u daño, coser dentro 3 & 5 filas.

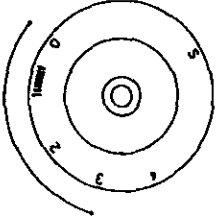
Stitch width dial

Disco de anchura del punto



Stitch length dial

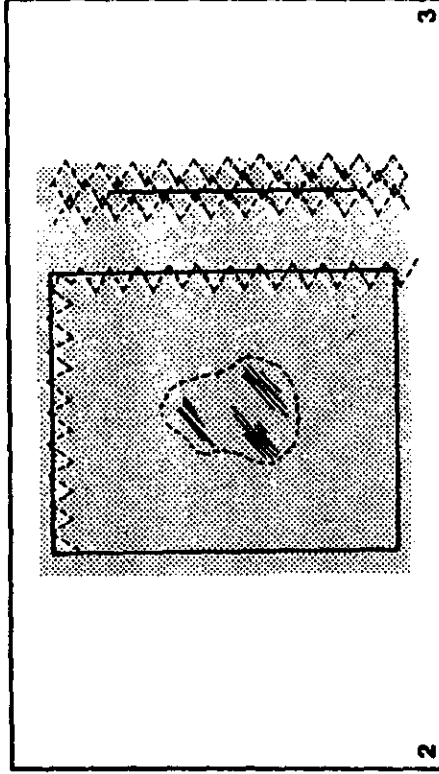
Disco de longitud del punto



©



1



Triple straight stitch: (1/3) Pattern selector on (A) or (B)
 For hardwearing seams.
 Turn the stitch length dial to S.

The machine sews two stitches forwards and one stitch backwards.
 This gives triple reinforcement.

Triple zig-zag: (2/4)

For hardwearing seams, hems and decorative seams.

Turn the stitch length dial to S.
 Adjust the stitch width dial to between 3 and 5".
 Triple zig-zag is suitable for firm fabrics like denim, corduroy, etc.

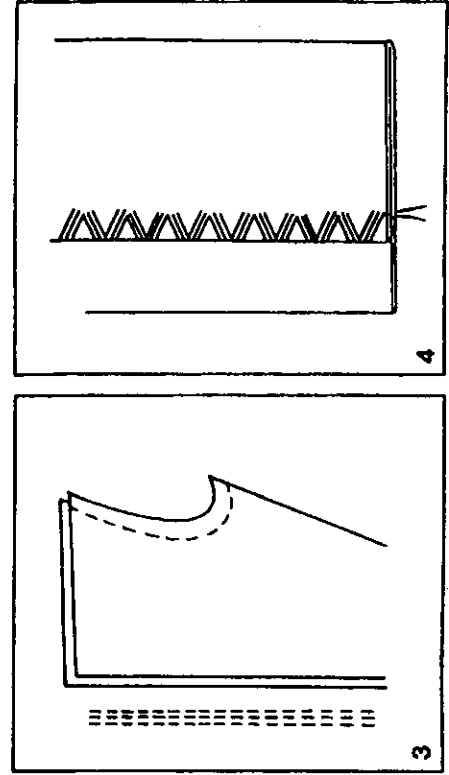
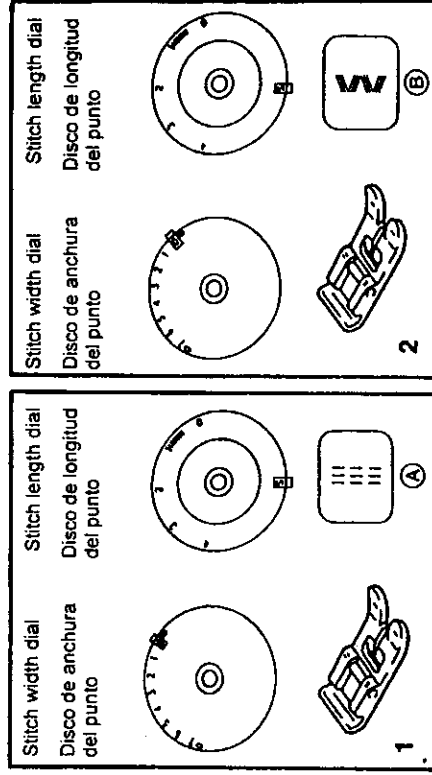
Triple punto recto (1/3) Selector de modelos en (A) o (B)
 Para resistente de costura
 Gira la longitud del punto marcar a S

La máquina cose dos puntos adelante y un punto atrás.
 Esto dar triple reforzamiento

Triple zig-zag(2/4)

Para resistente de costura, orillas y costuras decorativas.

Gira la longitud del punto marcar a S
 Ajustar el disco de anchura del punto dentro 3 y 5"
 Triple zig-zag es adecuado para telas firmes como drill, pana, etc.

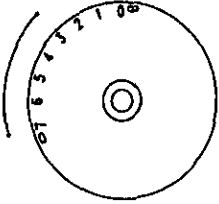


Smocking stitch/ Punto de blusa

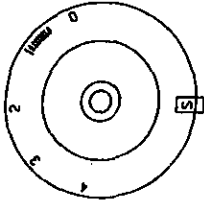
Seams, hems, T-shirts, underwear, etc.
Set the machine as illustrated. (1)

Costuras, orillas, T-shirts, ropa interior, etc.
Puesta la máquina como ilustrado. (1)

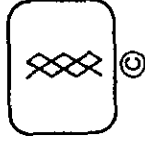
Stitch width dial
Disco de anchura del punto



Stitch length dial
Disco de longitud del punto



1



©

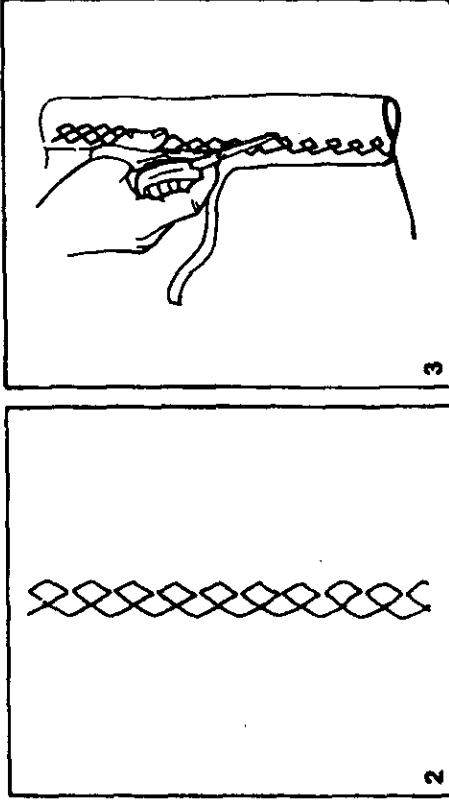
This stitch can be used for all types of jersey as well as for woven fabrics. (2)

Sew at 1 cm (1/4") from the fabric edge and trim the surplus fabric. (3)

Pattern selector on © stitch length on S.

Este punto puede ser usado para todos los tipos de jersey como para tela de textura. (2)

Coser 1 cm (1/4") desde el filo de tela y cortar la tela sobrante. (3)
Selector de modelos en © longitud del punto en S.



2

3

Decorative effects, cushions, tablecloths, etc.

Decorative effects, cushions, tablecloths, etc.

Set stitch selector to position **(B)**.

Set the machine as illustrated. Various stitches are suitable for sewing on cord, e.g. Zig-zag, Triple zig-zag, decorative stitches. (1)

Para efectos decorativos, bandas, manteles, etc.

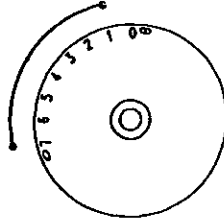
Puesta el selector del punto a la posición **(B)**.

Puesta la máquina como ilustrado. Varios puntos son aptos para coser la cuerda, e.g. Zig-zag, Triple zig-zag, puntos decorativos. (1)

Insert the cord between the spring covering the cord groove and the foot. The cord should run in the groove. One, two or three cords can be sewn on. The stitch width is adjusted according to the number of cords and the stitch selected. (2/3)

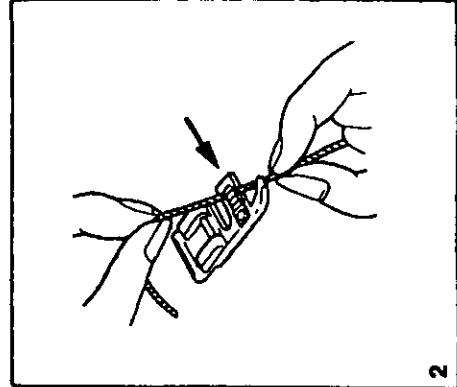
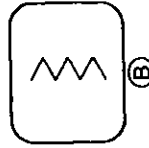
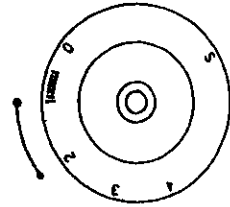
Inserta la cuerda dentro la fuente tapando la ranura de la cuerda y el pie. La cuerda debe correr en la ranura. Puede coser uno, dos o tres cuerdas. La anchura del punto es ajustado de conformidad con el número de cuerdas y punto elegido. (2/3)

Stitch width dial
Disco de anchura del punto

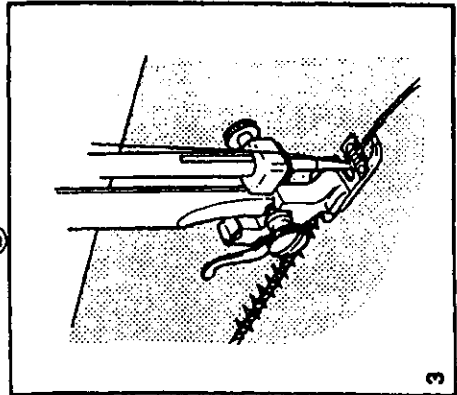


1

Stitch length dial
Disco de longitud del punto



2



3

Darning/ Remiendos

Set the machine as illustrated (1). Install the darning plate. Turn the Drop feed control to left to low down the feed dog.

Puesta la máquina como ilustrado (1). Instalar el plato de remiendos. Gira el control de alimento de gotas a la izquierda para bajar el gancho de alimento.

Remove the presser foot clamp. (2) Attach the Darning foot to the presser foot holder. The lever "A" should be behind the needle clamp screw "B". Press the Darning foot on firmly from behind with your index finger and tighten the screw "C". (3)

First row: Always work from left to right. Turn work by 1/4 and oversew.

A darning ring is recommended for easier sewing and better results.

Set pattern selector on "A"

Remueve el pie prensateja abrazadera. (2)

Monta el pie remiendo a la asa del pie prensateja. La palanca "A" debe estar atrás del tornillo del palanca de aguja "B". Apreta el pie remiendo firmemente desde el atrás con su dedo índice y estira el tornillo "C". (3)

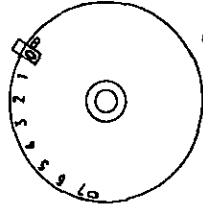
Primero coser el alrededor del filo del agujero (para asegurarse el filo). (4) Primera fila: Siempre trabajar desde la izquierda a la derecha. Girar el trabajo mediante 1/4 y sobre coser.

Un remiendo arco es recomendado para facilitar coser y mejor resultados.

Puesta selector de modelos en "A"

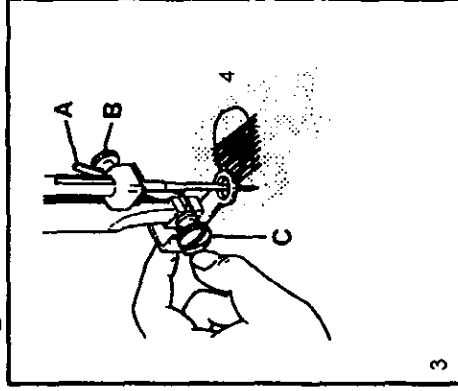
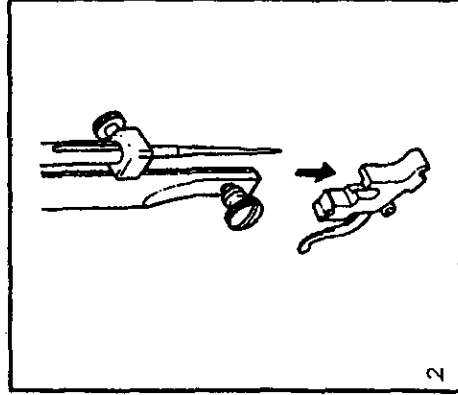
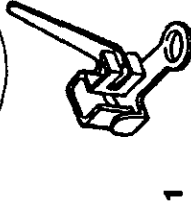
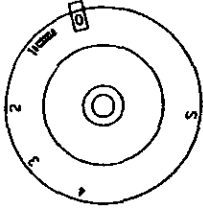
Stitch width dial

Disco de anchura del punto



Stitch length dial

Disco de longitud del punto



Set the machine as illustrated.

Turn the stitch width dial and stitch length dial to the same colour code and adjust to suit the fabric.

Shell hem "A" Pattern selector on "D".
For decorative edges.

Suitable for edges on sheer, fine and stretch fabrics. The larger stitch should go just over the edge of the fabric to create the shell effect.

Bridging "B" Pattern selector on "G".

For seams, place mats, tablecloths.

Decorative joining seam for a fagotted effect. Gathering with cord or shirring elastic.

Rampart "C" Pattern selector on "H".

For flat joining seams, sewing on elastic, visible hems.

This stitch can be used for firm, thicker fabrics.

Puesta la máquina como ilustrado.

Gira el disco de anchura del punto y disco de longitud del punto al mismo código de color y ajústalo para aptar la tela.

Costura de cáscara "A" Selector de modelos en "D"

Para filos decorativos

Apto para filo transparente, fino y telas elásticas. La longitud del punto debe cubrir el filo de la tela para incrementar el efecto de cáscara.

Puente "B" Selector de modelos en "G"

Para costuras, colocar mates, mantel

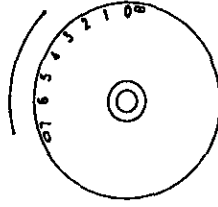
Costura decorativa para el efecto de la haz de leña. Reunir con la cuerda o fruncir elástica.

Terraplén "C" Selector de modelos en "H"

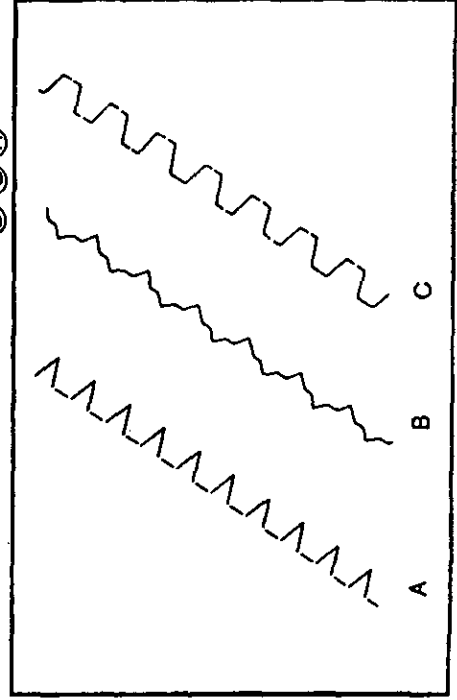
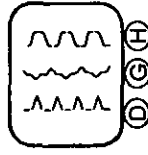
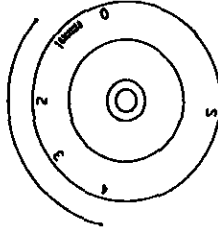
Para costura del plano, coser sobre elástica, costura visible.

Este punto puede ser usado para costura, telas gruesas.

Stitch width dial
Disco de anchura del punto



Stitch length dial
Disco de longitud del punto



- Turn stitch length dial to the desired length.
- Turn stitch selector to straight stitch, center needle position.
- Position the fabric to be darned under the presser foot together with the under laying fabric to be used.
- Lower the presser foot and alternately sew forward or reverse using the lever.
- Repeat this motion until the area to be darned is filled with rows of stitching.

For reverse sewing instructions, see page 19.

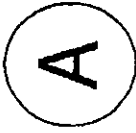
- Gira el disco de la longitud del punto a la longitud deseada.
- Gira el selector del punto a punto recto, posición de aguja central.
- Posición de la tela remienda bajo el pie prensatela junto con la tela colocada del abajo que va a usar.
- Baja el pie prensatela y coser alternadamente hacia adelante y hacia atrás usando la palanca.
- Repite este movimiento hasta que la área que va a remiendar es llenado con hileras de puntos.

Para coser hacia atrás, vea página 19.

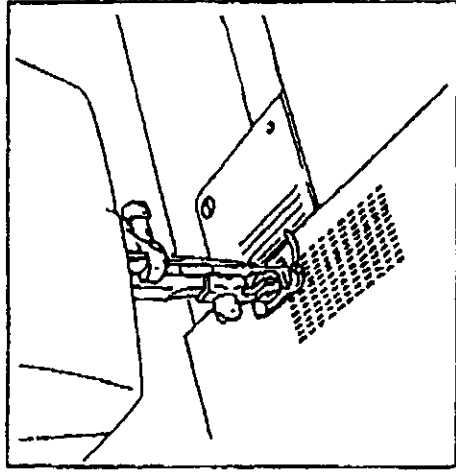
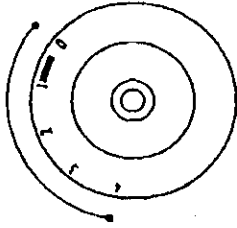
All purpose foot/
Pie universal



Stitch display /
Ventana de puntada



Stitch length dial
Disco de longitud de puntada



- Turn stitch length dial to the desired length.
- Turn the stitch selector to straight stitch, center needle position.
- Fold in the edge of the fabric (approximately 6 mm 1/4").
- Place the lace under the folded edge of the fabric allowing it to underlap the fabric slightly as required by the pattern of the lace.
- Sew on the edge of the fabric fold.
- You can add a decorative touch by using the satin stitch to sew the lace.

- Gira el disco de la longitud del punto a la longitud deseada.
- Gira el selector del punto a punto recto, posición de aguja central.
- Pliegue el filo de la tela (aproximadamente 6mm 1/4")
- Coloca el encaje bajo el filo plegado de la tela permitiendo traslapar la tela lentamente según el requerimiento del modelo del encaje.
- Cose el filo de la tela plegada.
- Ud. puede agregar toca decorativa mediante el uso del punto raso para coser el encaje.

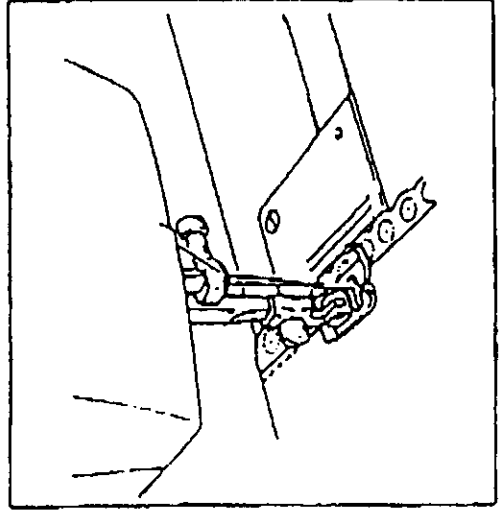
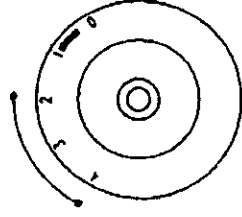
All purpose foot/
Pie universal



Stitch display /
Ventana de puntada



Disco de longitud de puntada



Applique/ Aplicación

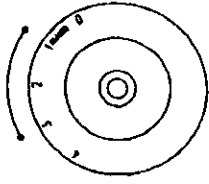
- Turn stitch length dial to the desired length.
- Turn pattern selector dial to "B".
- Turn zig-zag width dial to small width.
- Cut out the applique design and baste it to the fabric.
- Sew slowly around the edge of the design.
- Trim excess material outside the stitching. Make sure not to cut any stitches.
- Remove the basting thread.
- Tie top and bottom thread under the applique to avoid unraveling.

- Gira el disco de longitud del punto a la longitud deseada.
- Gira el disco selector de modelos en "B".
- Gira el disco de anchura zig-zag a anchura pequeña
- Corte el diseño del encaje y hilvanarlo a la tela.
- Cose lentamente alrededor del filo del diseño
- Corte material excesos fuera de puntos. No se cortar puntos.
- Remueve el hilo hilvás
- Estira la tapa y el fondo del hilo bajo el encaje para evitar desenmarañar

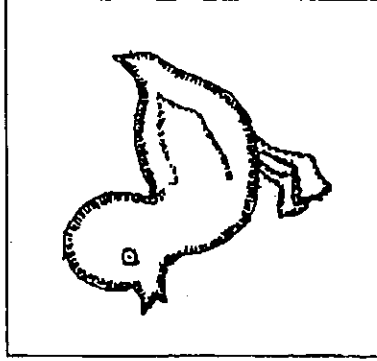
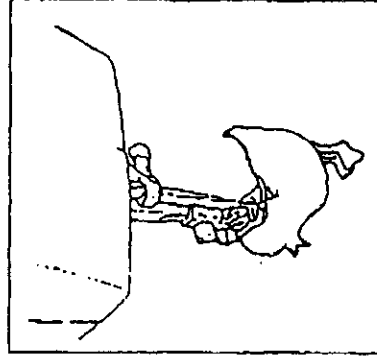
All purpose foot/
Pie universal



Stitch display /
Ventana de puntada



Stitch length dial/
Disco de longitud de puntada



- Turn stitch length dial to the desired stitch length.
- Turn stitch selector to straight stitch, center needle position.
- For twin needle sewing, insert the extra spool pin (included with the accessories) into the hole on top of the machine. See pages 4 and 2.
- Make sure that the two threads used to thread the twin needle are of the same weight. You can use one or two colors.
- Insert the twin needle in the same way as single needle. Flat side of needle should face away from you.
- Follow instructions for single needle threading (see page 14).
- Thread each needle separately.

Please Note:

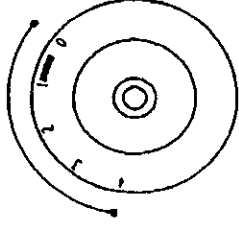
- When sewing with twin needle, always proceed slowly, and make sure to maintain a low speed to insure quality stitching.
- When using twin needle on zig-zag (position "B") make sure the stitch width dial is set between #1 and #5. Do not use twin needle at setting above #5.

- Gira el disco de longitud del punto a la longitud deseada.
- Gira el selector de punto a punto recto, posición central de aguja.
- Para coser aguja gemela, insertar el perno de canilla extra (incluido con los accesorios) en el agujero de la tapa de la máquina. Vea la página 4 y 2.
- Asegurarse que los dos hilos usados a las agujas gemelas es del mismo peso. Ud. puede usar uno o dos color.
- Inserta la aguja gemela en el mismo medio que aguja singular. El lado de plano de agujas debe echar lejos de Ud.
- Sigue instrucciones de aguja singular de hilo. (vea página 15).
- Hilo con cada aguja separadamente.

Que Tenga Atención:

- Cuando cosiendo con aguja gemela, siempre proceder lentamente y asegurarse mantiene velocidad lenta para asegurarse la calidad del punto.
- Cuando usando aguja gemela de zig-zag (posición "B") debe asegurarse el disco de anchura del punto está puesta entre #1 & #5. Que no se usar aguja gemela en el puesto de #5.

Disco de longitud de puntada



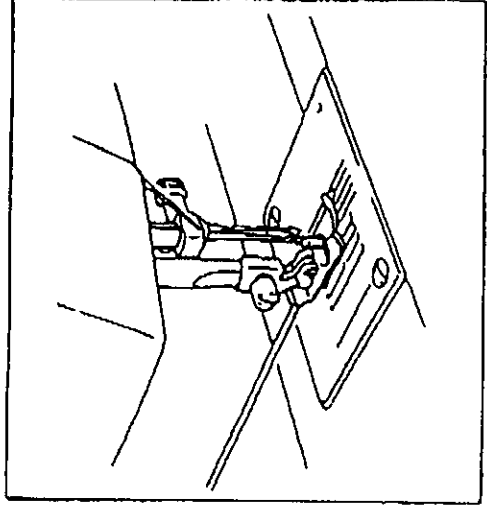
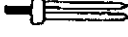
All purpose foot/
Pie universal



Stitch display /
Ventana de puntada



Twin needle/Aguja gemela



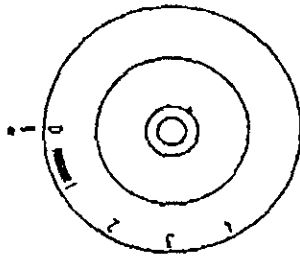
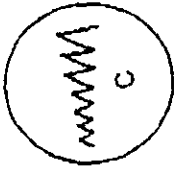
Drop the feed dogs

(see item #24 on page #3)

- Set the machine as illustrated above.
- Remove the presser foot and the presser foot holder.
- Attach the darning plate.
- Lower presser foot lever before starting to sew.
- Adjust the stitch width according to the size of lettering or design.

Preparation for Monogramming and Embroidering*

- Draw the desired lettering or design on the right side of the fabric.
- Stretch the fabric between embroidery hoop as firmly as possible.
- Place the fabric under the needle. Make sure the presser foot bar is down in its lowest position.
- Turn the balance wheel towards you to bring up the lower thread through the fabric. Sew a few securing stitches at the starting point.
- Hold the hoop with thumb and forefingers of both hands while pressing the material with the middle and third fingers and supporting the outside of hoop with smaller finger.

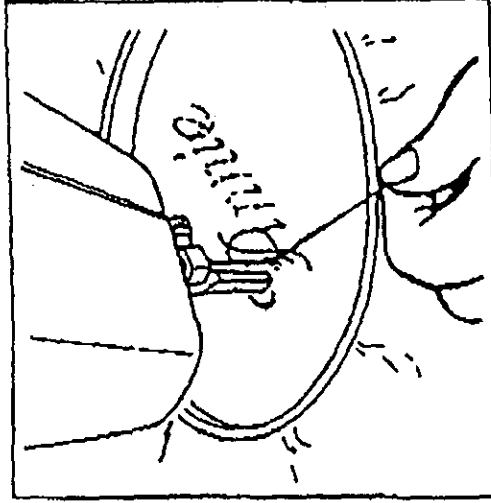


Cae el tunante del alimento (ve el artículo 24 de la página #3)

- Puesta la máquina como ilustrado en el arriba.
- Remueve el pie prensateña y la asa del pie prensateña.
- Sujeta el plato zurcido.
- Baja la palanca del pie prensateña antes de iniciar el coser.
- Ajusta la anchura del punto de conformidad con el tamaño del rotulo o diseño.

Preparación por Monograma y Recamar

- Dibuja letras o diseños deseados sobre la derecha de la tela.
- Estira la tela entre el aro bordado más firme posible.
- Coloque la tela bajo la aguja. Debe asegurarse que la barra del pie prensateña está en su posición más bajo.
- Gira la rueda de balance hacia Ud. para llevar salir el hilo bajo pasando la tela. Coser unos puntos seguros en el punto inicio.
- Mantiene el aro con pulgar e índice de ambas manos cuando apretando la materia con la mitad y tercer dedo y mantiene a la afuera del aro con dedo pequeño.

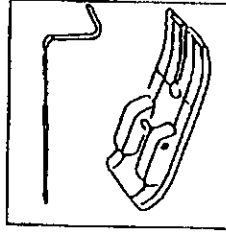
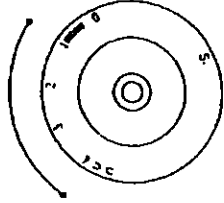


- Embroidery hoop not included with machine.
- El aro del bordado no incluido en esta esta máquina.

Quilting/ Acolchar

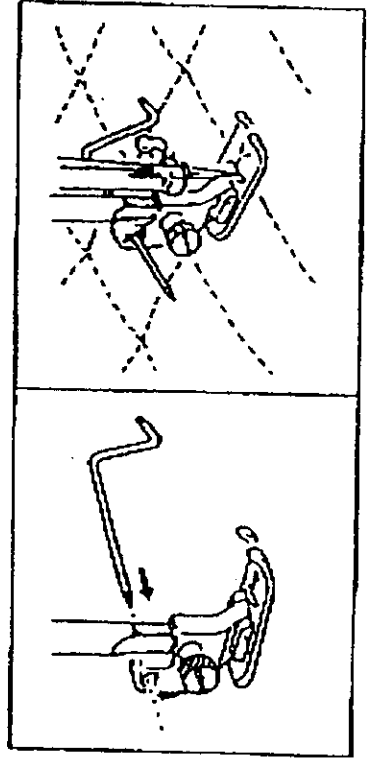
Set Pattern Selector at **A**.
Insert the quilting guide in presser foot holder and set the space as you desired.

Move the fabric over and sew successive rows with the guide riding along on the previous row of stitching.



Puesta el selector de modelos en **A**.
Inserta la guía de acolchar en la asa del pie prensatela y puesta el espacio que Ud. quiera.

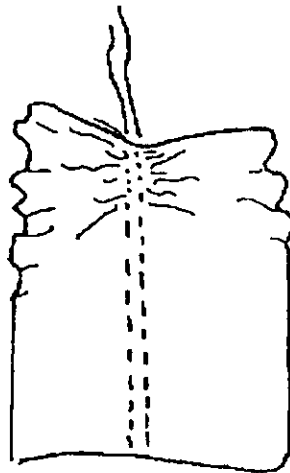
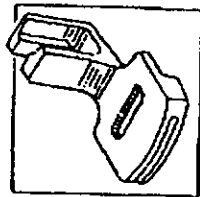
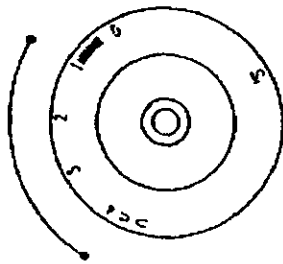
Mueve la tela y coser las hileras sucesivas con la guía montando sobre la hilera previa del punto.



Gathering / Reunir

Set the Pattern Selector at **A**.

1. Attach the gathering foot.
2. Sew a single row or multiple rows of straight stitches.
3. If more gathering is required, loosen the upper thread (to about 2) so that the lower thread lies on the under side of the material.
4. Pull the lower thread to gather more of the material.



Puesta el selector de modelos en **A**.

1. Sujeta el pie reunido.
2. Cose una hilera singular o hileras multiples de puntos rectos.
3. Si se requiere reunir más, suelta el hilo superior (más o menos 2) entonces el hilo bajo caer sobre el abajo de la materia.
4. Tira el hilo bajo para reunir más materia.

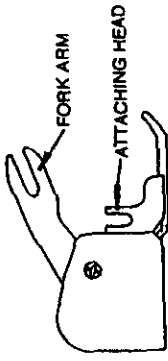


FIG.#1

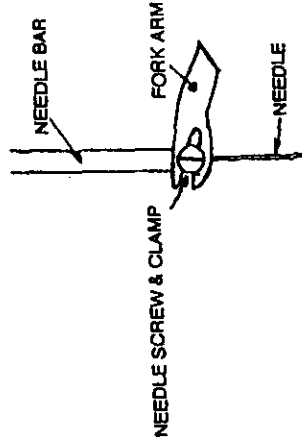


FIG.#2

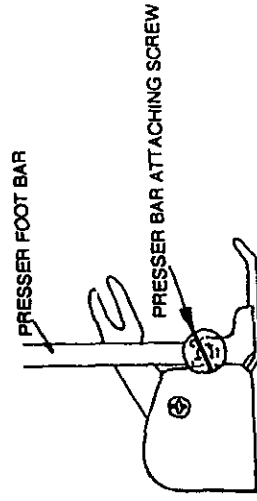


FIG.#3

Always try to sew first without the walking foot accessory, which should be used only when necessary.

It is easier to guide the fabric and you have a better view of the seam when using the standard, regular foot on your machine. Your EURO-PRO sewing machine offers excellent stitch quality on a wide range of fabrics from delicate chiffons to multiple layers of denim.

The "walking foot" accessory equalizes the feeding of the upper and lower layers of fabric and improves the matching of plaids, stripes and patterns. This foot helps to prevent uneven feeding of very difficult fabrics.

- 1) Lift the presser foot bar
- 2) Remove the "foot holder" by opening counter clockwise the "presser bar attaching screw"(Fig.#3)
- 3) Attach the "walking foot" to the machine in the following way:
 - i) The fork arm should fit into the needle screw and clamp (Fig.#2)
 - ii) Slide the plastic "attaching head" from your left to right so that it is fitted into the "presser foot bar".
 - iii) Lower the "presser foot bar"
 - iv) Replace and tighten clockwise the "presser bar attaching screw"
- 4) Make sure both the "needle screw" and the "presser bar attaching screw" are tightly secured.
- 5) Draw the bobbin thread up and place both the bobbin thread and the needle thread behind the walking foot attachment.

Disconnect the machine from the mains before carrying out any maintenance or changing the sewing light bulb.

Cleaning

If lint and bits of thread accumulate in the hook, this will interfere with the smooth operation of the machine. Check regularly and clean the stitching mechanism when necessary.

A. Bobbin holder

Remove the bobbin cover plate and bobbin.

Clean the bobbin holder with a brush.

B. Hook race and feed dog

1. Remove the needle, presser foot and holder.

Remove the bobbin cover plate and bobbin.

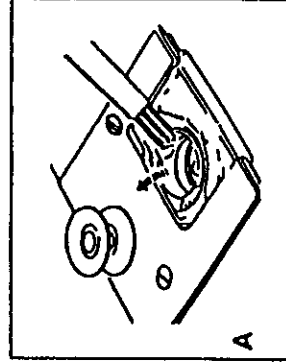
Remove the screw holding the needle plate and remove the needle plate.

2. Lift up bobbin holder and remove it.

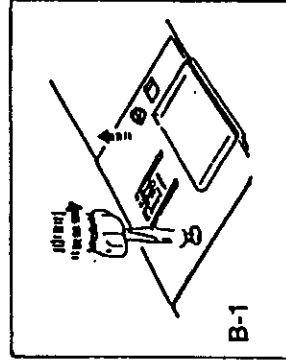
3. Clean the hook race, feed dog and bobbin holder with a brush.

Also clean them, using a soft, dry cloth.

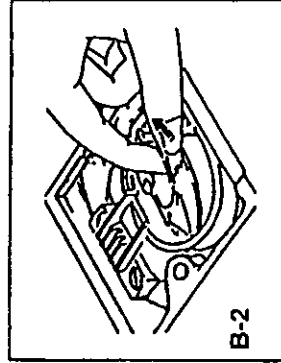
4. Replace the bobbin holder into the hook race so that the tip (a) fits to the stopper (b) as shown.



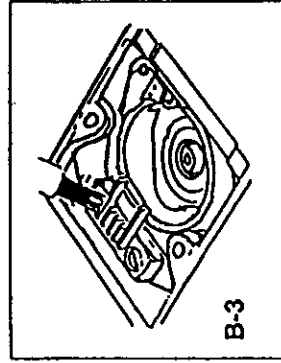
A



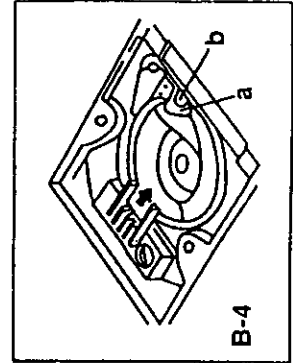
B-1



B-2



B-3



B-4

Problem	Cause	Correction
Upper thread breaks	<ol style="list-style-type: none"> The machine is not threaded correctly The thread tension is too tight The thread is too thick for the needle The needle is not inserted correctly The thread is round wound the spool holder pin The needle is damaged 	<ol style="list-style-type: none"> Rethread the machine Reduce the thread tension (lower number) Select a larger needle Remove and reinsert the needle (flat side towards the back) Remove the reel and wind thread onto reel Replace the needle
Skipped stitches	<ol style="list-style-type: none"> The needle is not inserted correctly The needle is damaged The wrong size needle has been used The foot is not attached correctly 	<ol style="list-style-type: none"> Remove and reinsert needle (flat side towards the back) Insert a new needle Choose a needle to suit the thread and fabric Check and attach correctly
Needle breaks	<ol style="list-style-type: none"> The needle is damaged. The needle is not correctly inserted Wrong needle size for the fabric The wrong foot is attached 	<ol style="list-style-type: none"> Insert a new needle Insert the needle correctly (flat side towards the back) Choose a needle to suit the thread and fabric Select the correct foot
Loose stitches	<ol style="list-style-type: none"> The machine is not correctly threaded The bobbin case is not correctly threaded Needle/fabric/thread combination is wrong Thread tension wrong 	<ol style="list-style-type: none"> Check the threading Thread the bobbin case as illustrated The needle size must suit the fabric and thread Correct the thread tension
Seams gather or pucker	<ol style="list-style-type: none"> The needle is too thick for the fabric The stitch length is wrongly adjusted The thread tension is too tight 	<ol style="list-style-type: none"> Select a finer needle Readjust the stitch length Loosen the thread tension
Uneven stitches, uneven feed	<ol style="list-style-type: none"> Poor quality thread The bobbin case is wrongly threaded Fabric has been pulled 	<ol style="list-style-type: none"> Select a better quality thread Remove bobbin case and rethread and insert correctly Do not pull on the fabric while sewing, let it be taken up by the machine
The machine is noisy	<ol style="list-style-type: none"> The machine must be lubricated Fluff or oil have collected on the hook or needle bar Poor quality oil has been used The needle is damaged 	<ol style="list-style-type: none"> Lubricate as described Clean the hook and feed dog as described Only use good quality sewing machine oil Replace the needle
The machine jams	<ol style="list-style-type: none"> Thread is caught in the hook 	<ol style="list-style-type: none"> Remove the upper thread and bobbin case, turn the handwheel backwards and forwards by hand and remove the thread remnants. Lubricate as described

EURO-PRO

Limited Warranty

EURO-PRO CORPORATION warrants this sewing machine for a period of 25 years from date of the original purchase, to be free of defective parts due to imperfections in the workmanship and materials subject to the following conditions, exclusions and exceptions.

EURO-PRO CORPORATION will, at its option, repair or replace this sewing machine free of charge if it fails to operate according to EURO-PRO'S specifications due to factory defects in materials or workmanship within one year from date of purchase. For 25 years from date of purchase, EURO-PRO will repair or replace defective sewing machine head parts, owner pays for labor charges. The sewing machine must be shipped freight and insurance prepaid to EURO-PRO CORPORATION, 178 WEST SERVICE RD., CHAMPLAIN, N.Y. 12919. A copy of Your sales receipt and \$9.85 for handling and return packing/shipping charges must be included.*

The electrical equipment (motor, rheostat, control, light, etc.) are warranted free from defects in material and workmanship for a period of two years from the date of original purchase. Non-durable parts including, Without limitation, needles, belts, bobbins, bulbs, bobbin cases, shuttles, springs and electrical parts which normally require replacement are specifically excluded from this warranty.

This warranty is in effect provided the sewing machine is used only for normal household use by the original purchaser when new, and is given reasonable good care and proper maintenance in accordance with the accompanying instruction book. The manufacturer is not held responsible for damage, normal wear, accident, abuse, neglect, negligence or if the machine has been repaired by unqualified personnel.

This warranty is extended to the original purchaser of the unit and excludes all other legal and/or conventional warranties. The responsibility of EURO-PRO CORPORATION if any, is limited to the specific obligations expressly assumed by it under the terms of the limited warranty. In no event is EURO-PRO CORPORATION liable for any indirect, incidental or consequential damages of any nature whatsoever. Some states do not permit the exclusion or limitation of incidental or consequential damages, so the above may not apply to you.

The warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

*Important: Carefully pack item to avoid damage in shipping. We recommend you insure the package (as damage in shipping is not covered by your warranty). Be sure to include a copy of your sales receipt and attach a tag to the machine with your name address and telephone number. Please include \$9.85 to cover return shipping and handling.



OWNER REGISTRATION CARD

Please complete and return within ten (10) days of purchase in order to validate the foregoing Limited Warranty. The registration will enable us to contact you in the event a product defect is discovered. By returning this card, you acknowledge to have read and understood the instructions for use, and warnings set forth in the accompanying instructions.

RETURN TO EURO-PRO CORPORATION, 178 WEST SERVICE RD., CHAMPLAIN, N.Y. 12919

PURCHASER: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

DATE OF PURCHASE: _____ MODEL/SERIAL NUMBER _____

NAME & ADDRESS OF DEALER: _____

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