

WHITE

MODEL 1033

WHITE SEWING MACHINE

Record in space provided below the Serial No.
and Model No. of this appliance.

The Serial No. is located Rear of arm.

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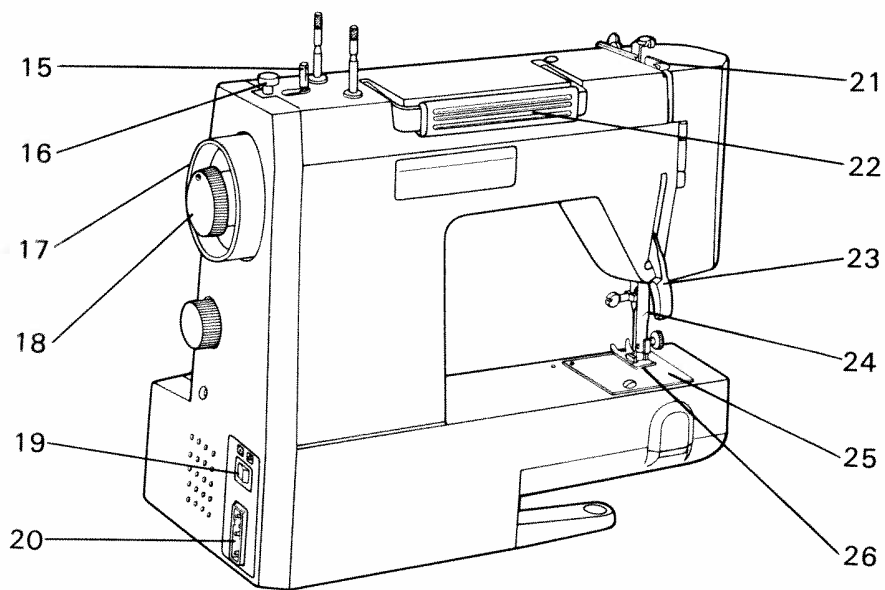
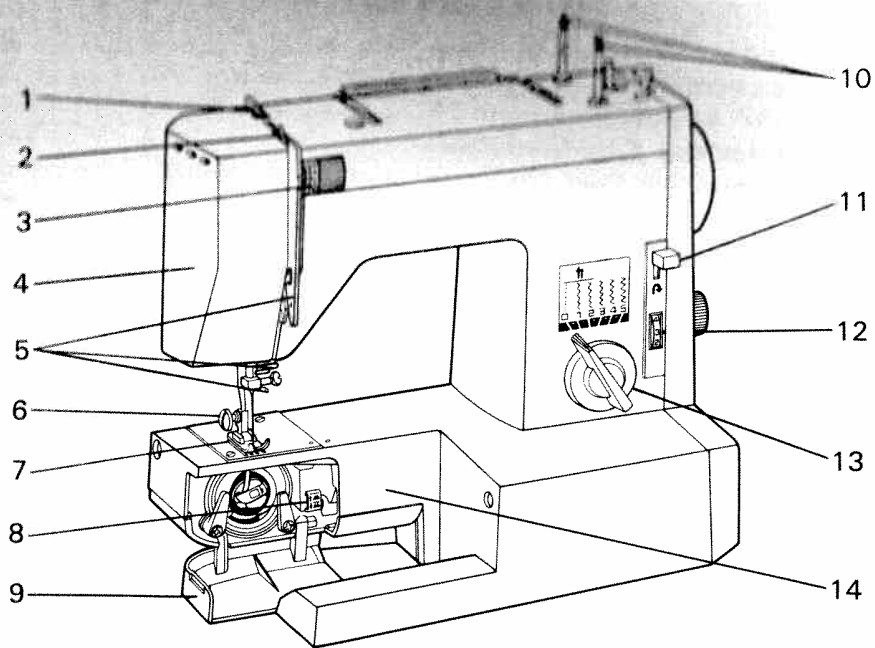
Serial No. _____

Model No. 1033

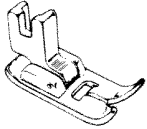
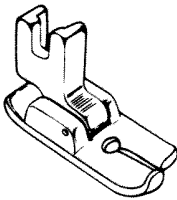


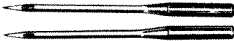
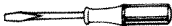


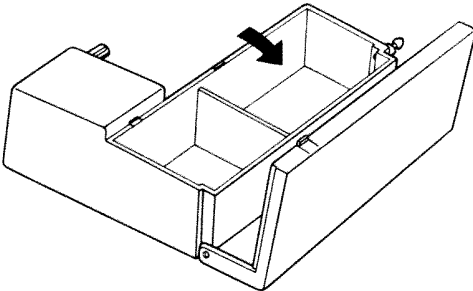
Retain these numbers for future reference.

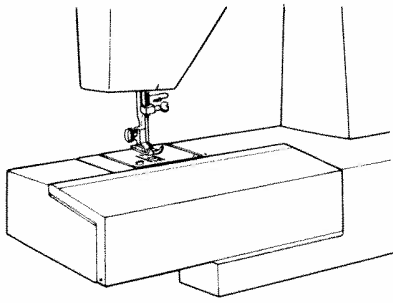
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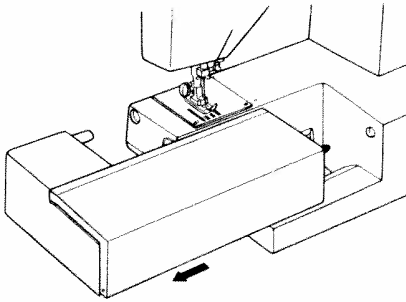
2. ACCESSORIES

 <p>Zigzag foot (on machine)</p>	 <p>Straight foot</p>
 <p>Bobbins (3 pcs.)</p>	 <p>Denim needle # 16 (1 pc.)</p>  <p>Ordinary needles # 14 (2 pcs.)</p>
 <p>Screw drivers (small)</p>  <p>(large)</p>	 <p>Oiler</p>
<p>Accessories are stored in built-in compartment at front of extension table.</p> 	



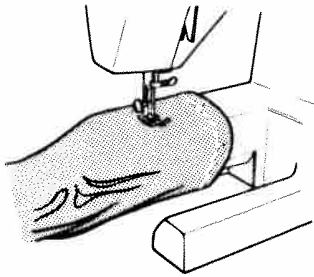
3. BEFORE SEWING

Machine is stored in flat-bed style which makes your work easier in ordinary sewing.



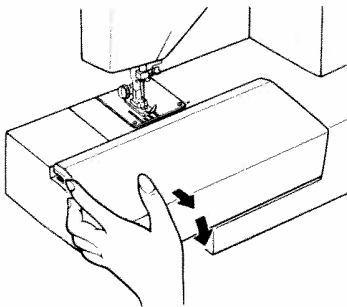
Detaching Extension Table

Slide it off and the machine is used as a free-arm model.



Free-arm is convenient to sew or embroider; trousers, sleeves, cuffs of T-shirts, blouses, etc.

Do vice-versa of above steps to attach extension table.



To open lid of accessory box, push it open, as illustrated.

1. NAMES OF PARTS

- 1 Thread guide for bobbin winding
- 2 Take-up lever
- 3 Upper thread tension dial
- 4 Face cover
- 5 Thread guide for upper threading
- 6 Presser foot thumb screw
- 7 Presser foot
- 8 Drop feed lever
- 9 Shuttle cover
- 10 Spool pins (retractable)
- 11 Reverse sewing lever
- 12 Stitch length dial
- 13 Zigzag width control
- 14 Free arm

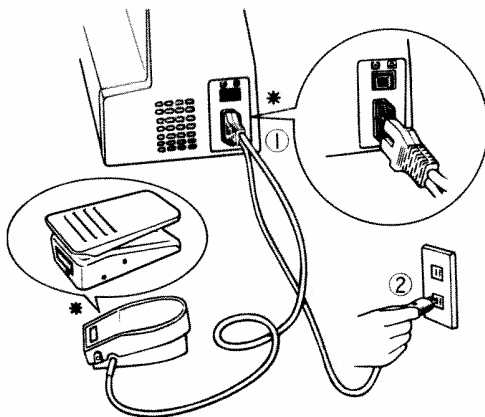
- 5 Bobbin winding spindle
- 6 Bobbin winding stop
- 7 Handwheel
- 8 Stop motion knob
- 9 Power supply switch
- 0 Socket
- 1 Thread guide for upper threading
- 2 Handle
- 3 Presser foot lifter
- 4 Thread cutter
- 5 Needle plate
- 6 Feed dog

Connecting Foot Controller and Power Cord

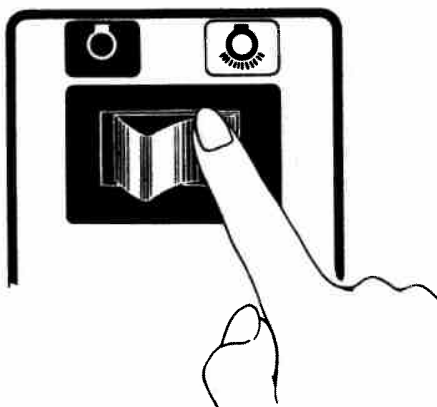
Connect foot controller and power cord ① ②.

Before plugging in your machine, be sure that voltage is same as that of your machine. (written on a plate at back of machine)

* Specifications vary from country to country.



Switch on power to put on machine and turn on sewing light.



Always switch off or unplug machine when not in use.

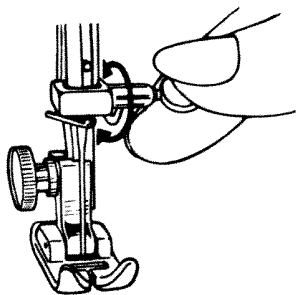
The more you press foot controller, the faster the machine runs.



Changing Needle

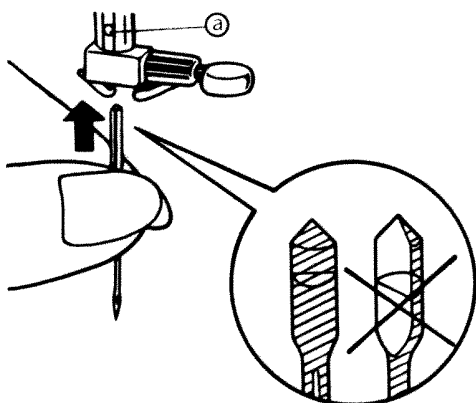
Set needle in the highest position by turning handwheel towards you.

Loosen needle clamp screw and take out needle.



With flat face away from you, insert a new needle into groove of needle bar.

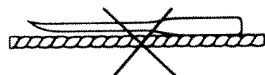
Push needle until it reaches stopper ① and tighten needle clamp screw firmly.



Proper needle

straight shaft

sharp point



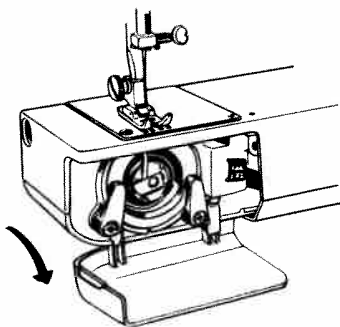
Always use a straight needle with a sharp point.

Using defective or worn needles not only causes stitch skipping, breakage of needles or snapping of thread; it also can damage hook and needle plate.

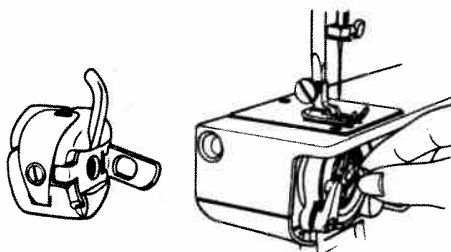
Bobbin Winding

Set needle in the highest position by turning handwheel towards you.

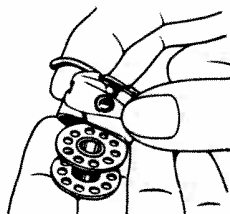
Open shuttle cover.



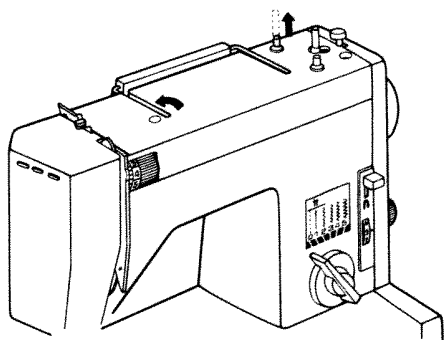
Open latch of bobbin case and take it out.



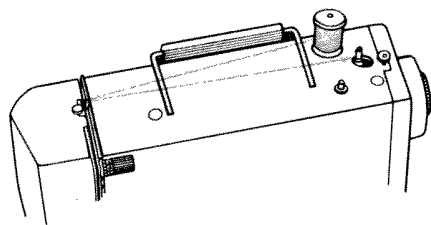
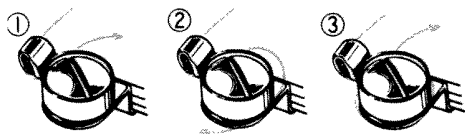
Close latch of bobbin case and bobbin comes out easily.



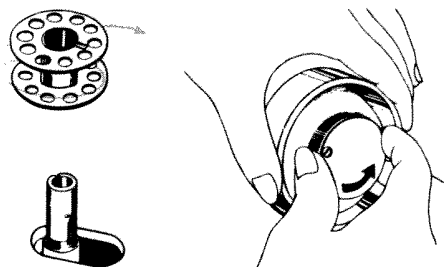
Push back to fold handle.
Pull out spool pin.



Put a spool on spool pin.
Draw thread from spool pin
through thread guide and pre-
tension device, following numb-
ers ① ② and ③.



Wind thread clockwise around
bobbin several times.
Push bobbin on to spindle.

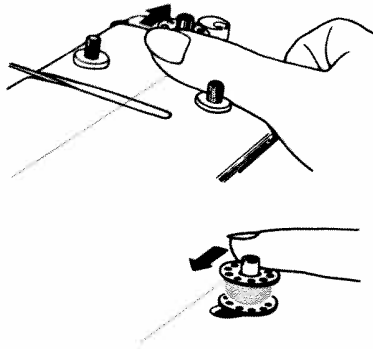


Holding handwheel with your left
hand disengage handwheel by
unscrewing stop motion knob.

Push bobbin to right and press down foot controller.

Machine stops automatically when winding is full.

Push bobbin to left.



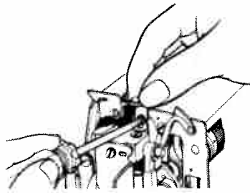
Take off bobbin from spindle and cut thread.

Retighten stop motion knob.



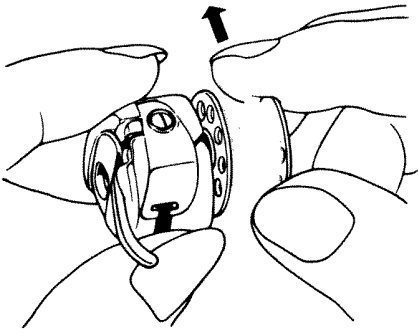
If bobbin is wound unevenly as shown, open face cover and loosen set-screw of the guide for bobbin winding, by using screw driver and adjust height.

trouble		
correction		

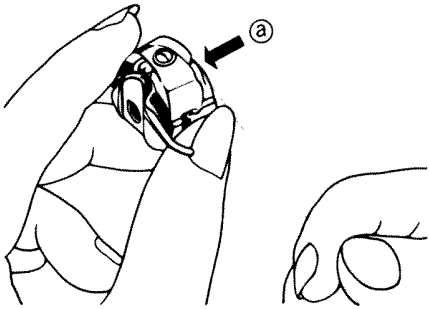


Inserting Bobbin

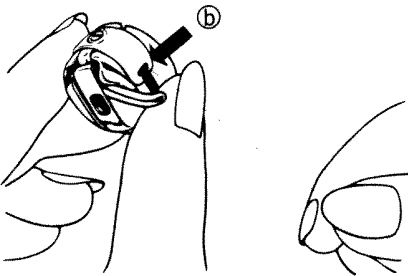
Place bobbin in its case with thread running in direction of arrow.



Guide thread into slot (a) of bobbin case.



Pulling thread to left, bring it under tension spring then to delivery eye (b).

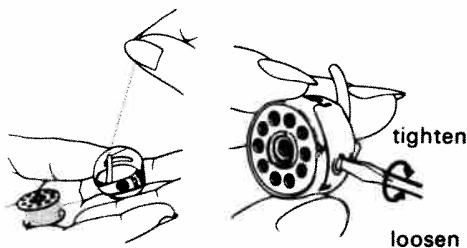


Adjusting Lower Tension

To test bobbin tension, hang and shake bobbin case as shown.

At proper tension bobbin case will gradually drop a small amount.

To adjust tension, turn adjusting screw with small screwdriver.

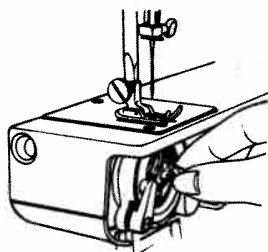


Raise needle in the highest position.

Leave end of thread of about 10 cm (4") from bobbin case.


Take hold of latch and push bobbin case into hook.

Release latch when bobbin case is fully inserted.




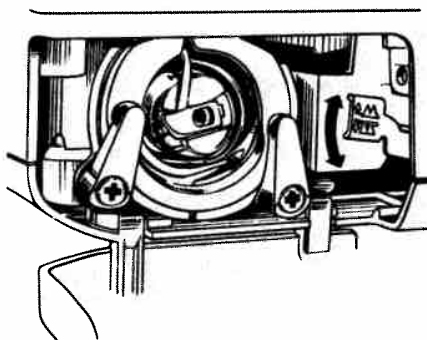
Drop Feed Lever

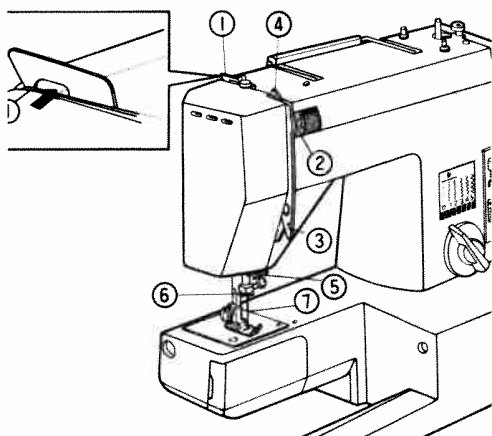
The lever is on right side of hook.

To lower feed dog, move lever down to  position.

This position is for button sewing, darning and embroidery.

For normal sewing, move lever up to  position.





Threading Upper Thread

Raise presser foot lifter.
Raise take-up lever to the highest position by turning handwheel towards you.

Thread following numbers ①-⑦.

Pass thread through guide ①.

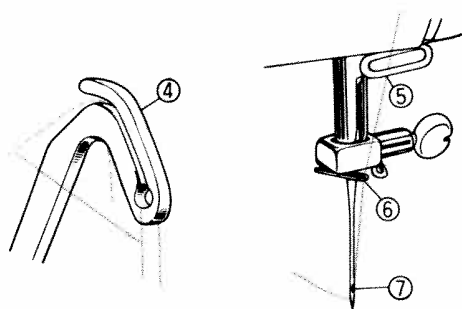
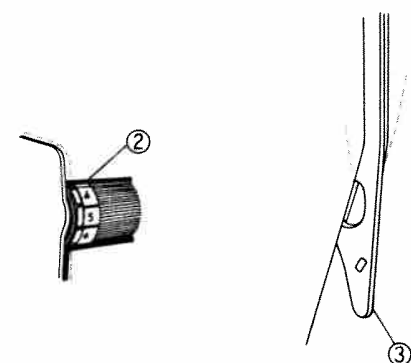
Lead thread either side of tension disc ②.

Hook it to guide ③ from down to upwards.

Thread take-up lever ④.

Pass thread to guide ⑤ from right to left, and guide ⑥ (left one) then needle eye ⑦.

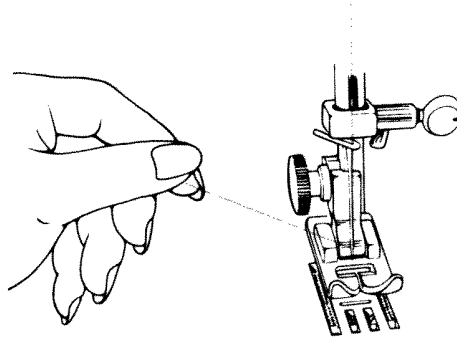
Leave end of thread of about 15 cm (6").



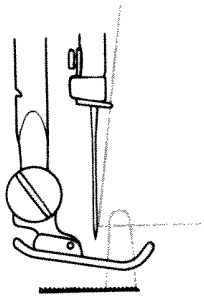
Drawing Up Lower Thread

Hold end of upper thread with left hand.

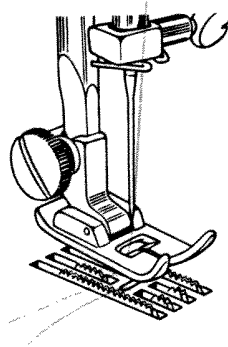
Turn handwheel slowly towards you until needle moves down and up again.



Pull upper thread slowly and lower thread will be brought up in a loop.



Pull out both threads to about 15 cm (6'') and place them together under presser foot on left.

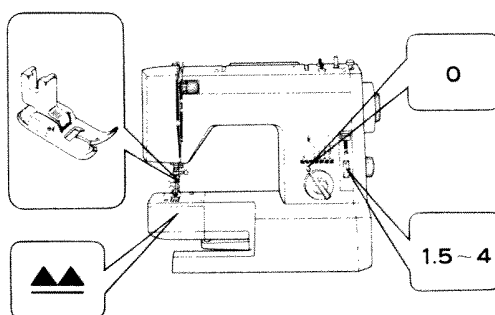


Fabric, Thread and Needle Table

FABRIC	THREAD			NEEDLE			REMARKS
	European Cotton	Mercerized Cotton	Cotton Covered Polyester, Silk, Nylon	European 705	U.S. Size 15x1	Point Style	
VERY SHEER; Lace, Voile, Chiffon, Net	70	60	Silk Nylon	65-70	9	Regular	Loosen up- per tension one or two points
SHEER; Blouse Crepe, Lawn, Organdy, Taffeta	50-70	60	Silk Nylon	65-70	9	"	
LIGHT-WEIGHT; Crepe, Wool, Brocade, Velvet	30	50	Silk	75-80	11	"	
MEDIUM; Wool, Silk, Linen, Velvetten, Pique, Faille, Terrycloth	30	50	Silk	80-90	11-14	"	
HEAVY; Denim, Duck, Sailcloth	30	Heavy Duty	C.C.Poly.	100	16	"	
EXTRA HEAVY; Upholstery, Canvas, Awning	30	Heavy Duty	C.C.Poly.	120	19	"	
[KNITS]							
LIGHT-WEIGHT; Tricot Power net	50-70	60	Silk Nylon	70	9	Light Ball	
MEDIUM-WEIGHT; Jersey, Double Knit, Power Net	30	50	Silk Nylon C.C.Poly.	70-80	9-10	Light to Medium Ball	
HEAVY-WEIGHT; Double knit, Power Net	30	50	Silk Nylon C.C.Poly.	80-90	11-14	Medium to Heavy Ball	
FAKE-FURS, VELOURS	30	Heavy Duty	C.C.Poly.	90-100	14-16	Ball or Sharp	
[LEATHER]							
VINYLS FILMS	30	50	C.C.Poly.	90	14	Wedge	
LIGHT-TO-MEDIUM- WEIGHT	30	50	C.C.Poly.	90-100	14-16	Wedge	
HEAVY LEATHER	30	Heavy Duty	C.C.Poly.	100-110	16-18	Wedge	
[DECORATIVE TOUCHES]							
TOP STITCHING	Silk twist			100-110	16-18	Regular	
MACHINE EMBROIDERY	Size 50-70			65-80	9-11	Regular	

4. STRAIGHT SEWING

Set machine as shown.

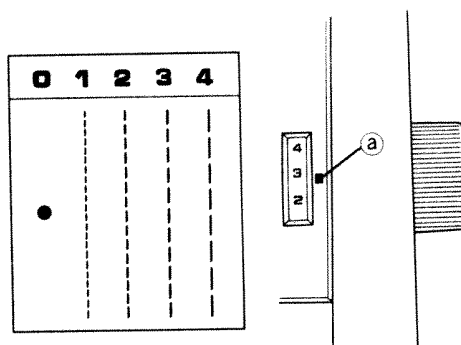


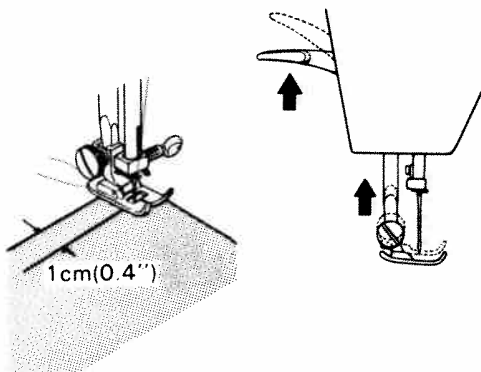
Stitch Length Dial

Set dial at indicating point **a** according to stitch size required.

For a longer stitch, turn dial downwards. For a shorter stitch, turn it upwards.

For normal sewing it is set between 2 and 3.

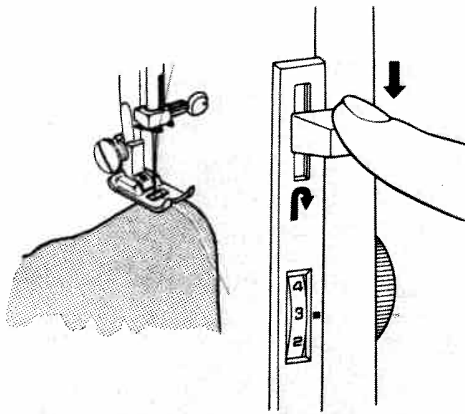




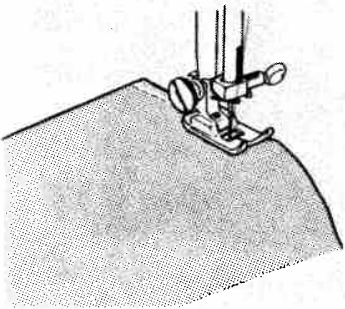
Place fabric under foot about 1 cm (0.4") inside the edge.
Lower presser foot lifter.

Double Presser Foot Lifter

In order to obtain wider gap when using very thick materials, firmly push presser foot lifter up as far as it will go.

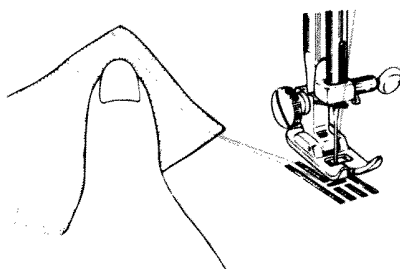


To reinforce seam, sew backwards to the edge of fabric by pushing down reverse sewing lever.

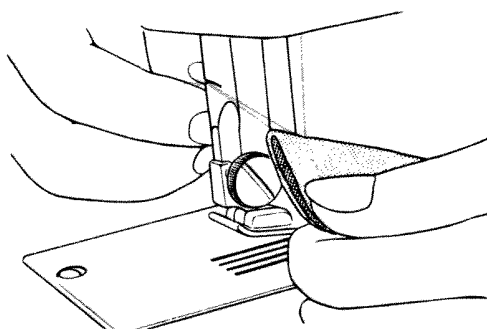


Release lever and commence forward sewing guiding fabric by hand as it is fed.
Never pull material.

Sew reverse stitches for reinforcement at end of seam.
 Draw fabric to left when sewing is finished.



Cut threads with thread cutter behind presser bar.

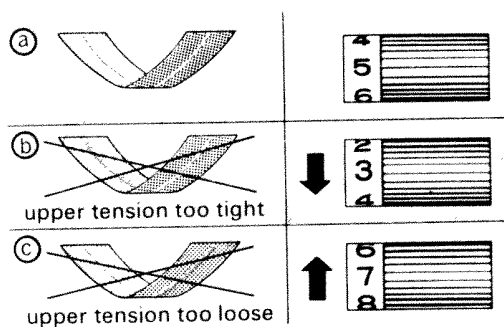


Adjusting Thread Tension

Test stitch performance on a scrap of material you are going to use.

With correct tension (a), upper and lower threads tension is equal and strong enough to lock both threads in center.

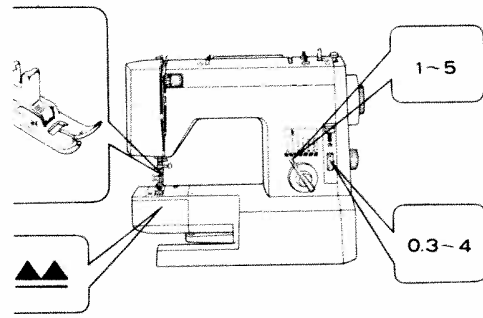
If upper tension is too tight (loose), upper (lower) thread lies straight along upper (lower) surface of fabric (b, c). Correct by turning tension dial.



5. ZIGZAG SEWING

Set machine as shown.

To prevent seam ends unravelling, set machine for straight stitch and sew in reverse at beginning and ending of seam.

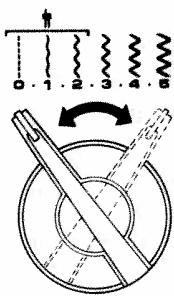


Zigzag Width Control

Set control at required number. Larger the number, wider the stitch.

Set it at 0 for straight sewing.

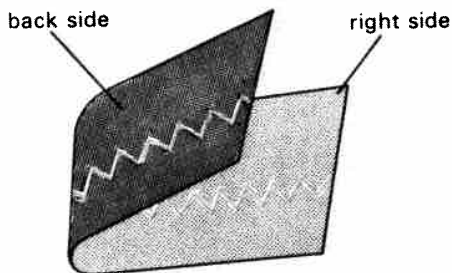
Make sure needle is in upper position when you set control.



Thread Tension for Zigzag Stitch

Better-looking zigzag stitching requires less upper tension than straight stitching.

Loosen upper tension slightly.

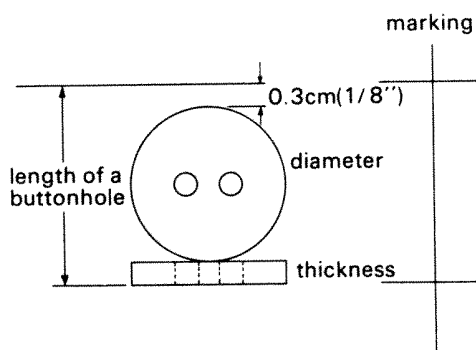


6. MAKING BUTTONHOLES

Determine Length

Measure diameter and thickness of button and add 0.3cm (1/8'') for bar tacks.

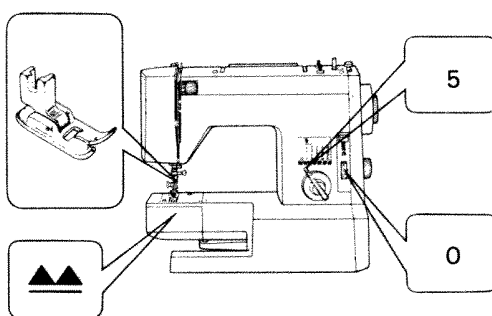
Mark buttonhole size on material.



Determine Width

Determine width according to diameter of button, its thickness, and kind of material.

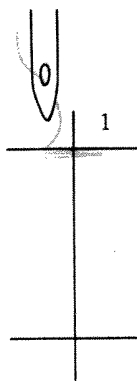
Set machine as shown.

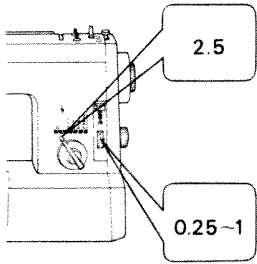


Bar tacking:

Sew 5-6 zigzag stitch.

Stop machine with needle in the upper position.

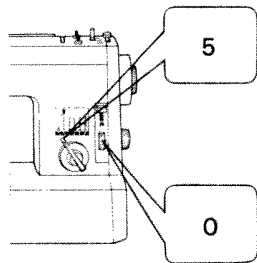




Left side:

Re-set zigzag width and stitch length as shown.

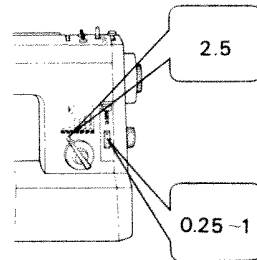
Sew left side of buttonhole with closely spaced zigzag stitch.



Bar tacking:

Re-set machine as shown.

Sew bottom bar tack.



Right side:

Re-set machine.

Set needle down in fabric in middle of bar tack and turn material 180°. complete buttonhole.

Quick finish:

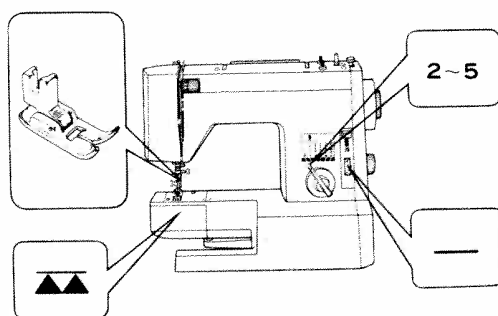
To prevent unstitching, set zigzag width at 0 and proceed for a few stitches.



Cut buttonhole along center with knife.

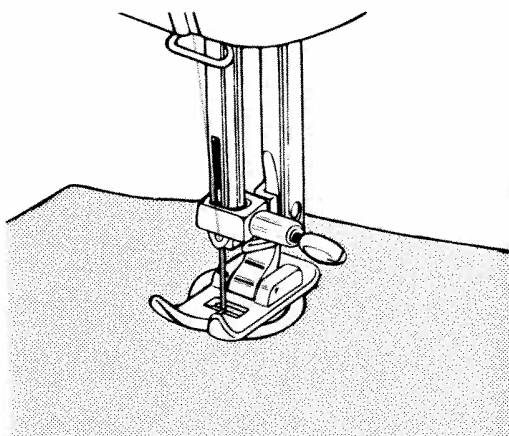
7. SEWING ON BUTTONS

Set machine as shown.



Position a button and material under foot. When needle comes to left side of stitch, lower foot. Raise needle and adjust zigzag width so that needle comes to right hole of button.

Run machine at medium speed and sew 5-6 zigzag stitches.



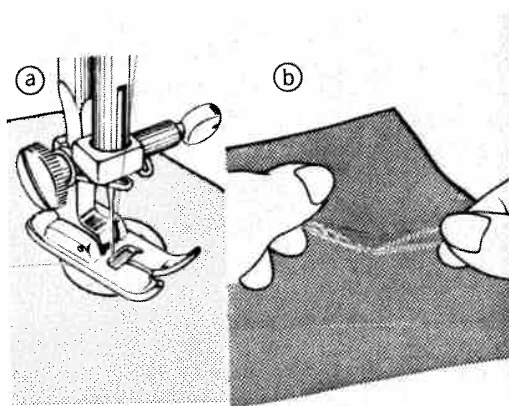
Stop machine when needle is in upper position.

① Set zigzag width control to 0 and sew 3-4 stitches to prevent unstitching.

OR

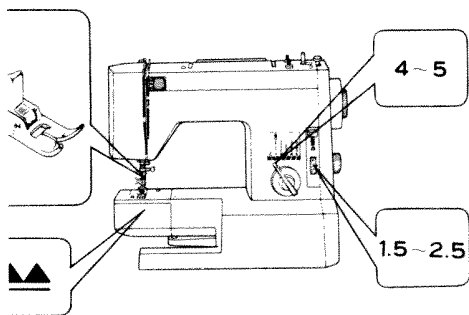
② Draw out work and cut off threads.

Draw thread ends through to wrong side and tie a knot.

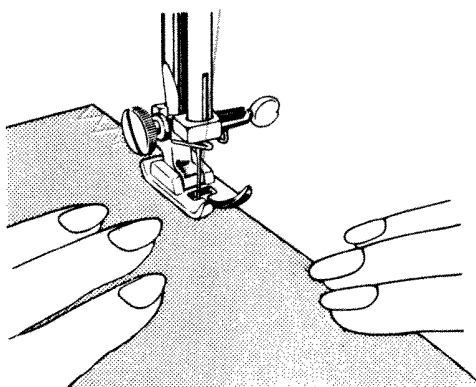


8. OVERCASTING

For light weight material:
Set machine as shown.

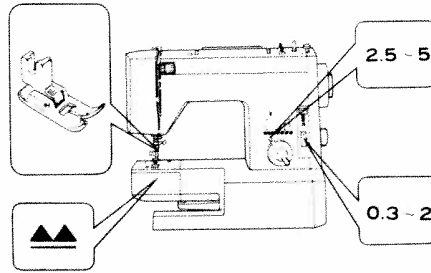


Sew carefully so that all stitches
on right side are flush with edge
of fabric.

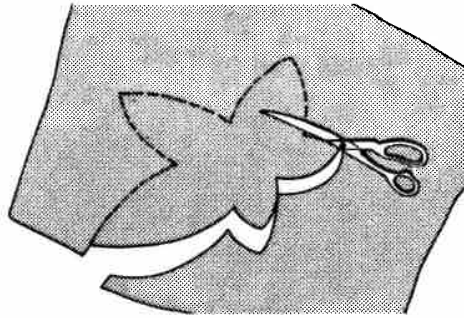


9. APPLIQUE WORK

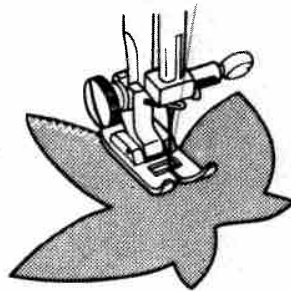
Set machine as shown.



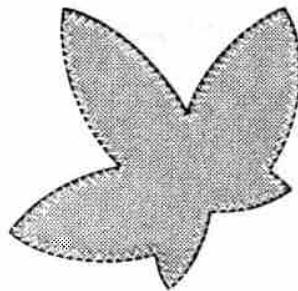
Draw design on material to be used as an applique and cut it out. Place cut-out on base material and baste it.



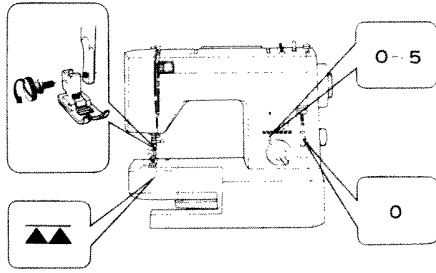
Sew around outline with zigzag stitch adjusting stitch length and width according to shape and size of cut-out and type of base material.



To change direction at corners, or to sew very small circles, stop machine, positioning needle just away from edge of cut-out, lift presser foot and turn material. Lower presser foot and continue sewing.



Sew a few stitches at end with zigzag width at 0. This is to prevent unstitching.



10. EMBROIDERY

Set machine as shown.

Remove foot, and holder screw.

To avoid lower thread being pulled up, reduce upper thread tension.

For good embroidery, it is important to use correct needles and thread.

Use thin embroidery silk for upper thread and a thinner silk of same kind and color for lower thread.

Trace your design on material and center it in embroidery hoop. Make sure material is taut.

Pull out lower thread by turning hand wheel towards you while holding upper thread lightly.

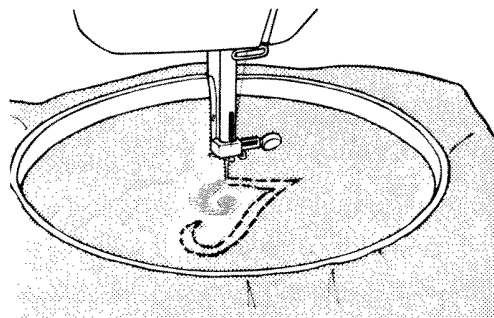
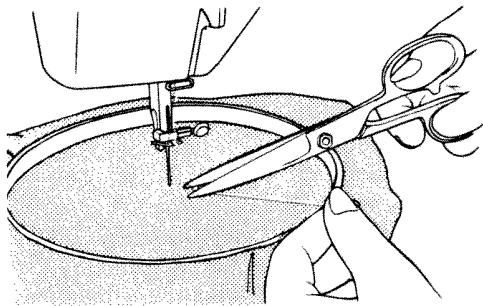
Lower presser foot lifter.

Hold both threads and start sewing along outline of design with satin stitch.

Continue sewing guiding hoop by hand.

To finish filling, sew several stitches with zigzag width at 0.

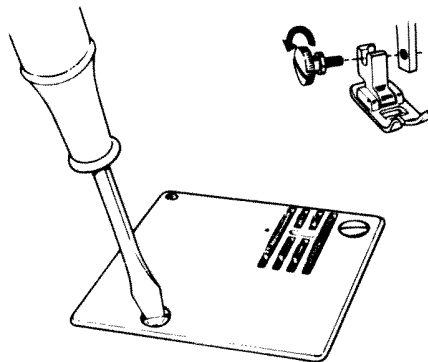
Lay typewriting paper underneath when embroidering sheer fabric.



11. MAINTENANCE

Your machine requires regular cleaning and oiling for satisfactory sewing performance.

A machine which is used for a few hours a day needs to be cleaned and oiled once a month.

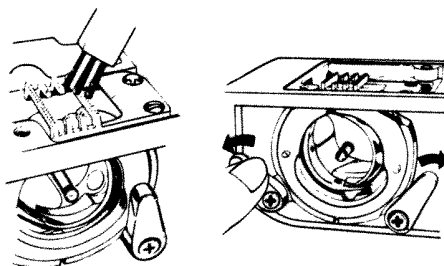


Cleaning

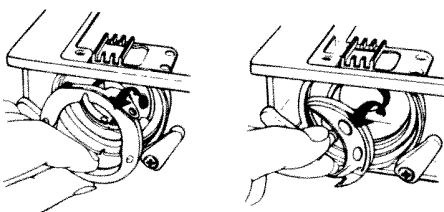
Remove foot and needle.
Remove needle plate.

Brush off all dust and lint on feed dog with cleaning brush.

Turn latches outwards.



Remove hook race cover.
Remove hook. Clean hook race with a cleaning brush and a soft cloth.



Oiling

Use oil manufactured specially for sewing machine use. Other oils will eventually cause mechanism to jam.

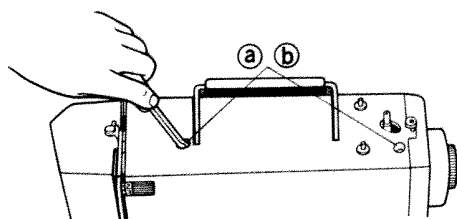
Apply one drop of oil to part of hook where friction occurs.

Open face cover and apply oil in the same way.

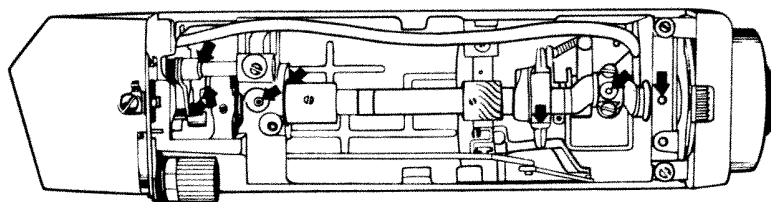
Be careful not to apply too much oil or it may stain your material and cause some sewing difficulty.

After oiling, run machine for 1-2 minutes to allow oil to penetrate to every part.

Remove top cover by loosening screws **a** and **b** with large screwdriver.



Apply one drop of oil to lubricating points indicated by arrows.

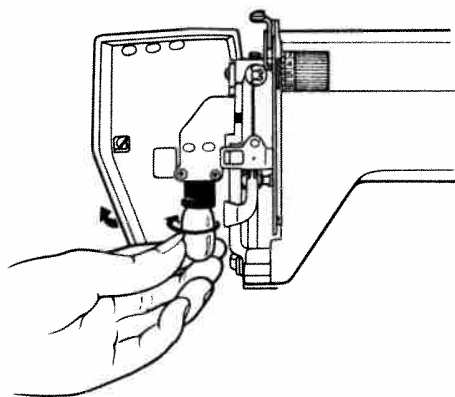


12. TROUBLE CHART

PROBLEM	PROBABLE CAUSE	CORRECTION
Breaking lower thread	Thread not wound evenly on the bobbin or not drawn up correctly Lower thread tension too tight Lint stuck in the bobbin case and inside the tension spring	P.9 P.13 P.11 Remove lint and fluff with a cleaning brush
Skipping stitches	Needle not fully inserted Needle bent Size or type of needle and thread not suitable for the material Incorrect upper threading Too much oil on the hook	P.6 P.6 P.14 P.12 P.26
Irregular stitches	Incorrect size of needle for the material Upper thread tension too loose Incorrect lower tension	P.14 P.17 P.11
The material not fed correctly	Incorrect feed dog height Lint stuck on the feed dog	P.11 P.25

PROBLEM	PROBABLE CAUSE	CORRECTION
The material puckers	Upper or lower thread tension too tight Stitch too long for material Thread too thick Incorrect threading of upper or lower thread	P.11 P.17 P.15 P.14 P.12 P.10
Breaking needle	Needle not correctly inserted Needle bent Needle clamp screw too loose Upper thread tension too tight Needle too fine for the material Dials and levers have been changed while the needle was down in the material	P.6 P.6 P.6 P.17 P.14 P.18

- i.b. If trouble is still apparent in the machine, please consult your nearest dealer.
Do not try to correct fault by yourself.



Changing Light Bulb

Unplug the machine.
Open face cover as shown.

Remove bulb by unscrewing it
in counterclockwise.
Install a new bulb by screwing it
in clockwise.

**WHITE SEWING MACHINE
COMPANY.**

**WHITE CONSOLIDATED
INDUSTRIES, LTD.**

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