

Швейные машины для обивки серии PW

Технические характеристики

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PW series

High speed, Post bed, Vertical axis hook, Drop feed, Reverse stitch, Lockstitch machines



PW-6B-1

Variety

 **PW-6B-1**
Single needle

 **PW-26B-1**
Two needle



PW-26B-1

Applications

- For sewing medium to heavy weight fabrics, leather, vinyl, synthetics and laminated and coated materials.
- Suitable for sewing such as raincoats, underwear, overalls, foundation garments, corsets and shoes.

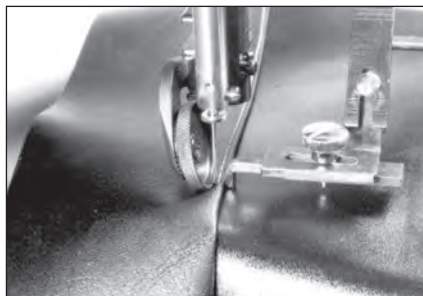


PW series

Features (PW-□)

- Post bed and wide working space makes it easy for sewing of large materials.
- Roller presser foot allows for turning of sharp corners and tight curves.

* Roller presser foot is to be fitted with 3/64"-3/32" gauge size machine as standard (26B-1)



PW-6B-1

Specifications (PW-□)

Variety	6B-1	26B-1
Number of needle	Single needle	Two needle
Max. sewing speed	2,800 s.p.m.	2,500 s.p.m.
Max. stitch length	11/64" (4.5 mm)	
Clearance under presser foot	by knee	5/16" (8 mm)
	by hand	15/64" (6 mm)
Needle bar stroke	1-5/16" (33.2 mm)	
Needle(standard)	DPxF22 (#14) , 134KKS (#90)	
Thread	#30 (standard)	
Hook	Vertical axis hook	
Thread take up lever	Slide type	
Lubrication	Hand type	
Bed size	20-25/64" x 7" (518 x 177 mm)	
Post height	7" (178 mm)	
Working space	10-5/32" x 11-11/32" (258 x 288 mm)	
Motor	Clutch motor	
Net weight(Head only)	39Kg	40Kg

NOTE: (1) Speed depends on threads, materials and type of operation
(2) Specifications subject to change without notice

Needle gauge list

Variety	Needle gauge size
PW-26B-1	standard : 1/16"(1.6 mm), 3/32"(2.4 mm) special : 3/64"(1.2 mm), 5/64"(28 mm)



PW two needle series

Two needle, High speed, Post bed, Vertical axis hook, Lockstitch machines



PW-26B-1

Variety



PW-26B-1

Drop feed, reverse stitch



PW-27B

Compound feed, reverse stitch



PW-28B

Compound feed and walking foot, reverse stitch



PW-26B-1



PW-28B

Applications

- For sewing medium to heavy weight fabrics, leather, vinyl, synthetics and laminated and coated materials.
- Suitable for sewing such as raincoats, underwear, overalls, foundation garments, corsets and shoes.



PW two needle series

Features

- Post bed and wide working space makes it easy for sewing of large materials.
- Vertical axis hook.
- Safety clutch prevents the hook from being damaged (except -26B-1).
- Reverse stitching.
- Compound feed and alternating pressers mechanism assures even feeding of materials (-28B).
- Roller presser foot allows for turning of sharp corners and tight curves (except -28B). *

* Roller presser foot is to be fitted with 1/32"-3/32" gauge size machine as standard (-26B-1, -27B)

Specifications (PW-□)

Variety		26B-1	27B	28B
Number of needle		TWo needle		
Max. sewing speed		2,500(s.p.m.)	2,800(s.p.m.)	
Max. stitch length		11/64" (4.5 mm)		
Clearance under presser foot	by knee	5/16" (8 mm)	33/64" (13 mm)	
	by hand	15/64" (6 mm)	21/64" (8.5 mm)	
Needle bar stroke		1-5/16" (33.2 mm)		
Needle(standard)		DPxF22 (#14) , 134KKS (#90)	DPx17 (#18) , 135x17 (#110)	
Thread		#30 (standard)	#20 (standard)	
Hook		Vertical axis hook		
Amount of lift of walking foot		—		7/64"-7/32" standard 1/8" (2.7-5.5mm) (standard 3.2mm)
Thread take up lever		Slide type		
Lubrication		Hand type		
Bed size		20-25/64" x 7" (518 x 177 mm)		
Post height		7" (178 mm)		
Working space		10-5/32" x 11-11/32" (258 x 288 mm)		
Motor		Clutch motor		
Net weight(Head only)		39Kg		

NOTE

- (1) Speed depends on threads, materials and type of operation
- (2) Specifications subject to change without notice

Needle gauge list

Variety	Needle gauge size
26B-1	3/64"(1.2mm), 1/16"(1.6mm), 5/64"(2mm), 3/32"(2.4mm), 1/8"(3.2mm), 3/16"(4.8mm) 1/4"(6.4mm), 5/16"(7.9mm), 3/8"(9.5mm), 1/2"(12.7mm), 5/8"(15.9mm), 3/4"(19.1mm) Standard: 1/16"(1.6mm)
27B 28B	1/16"(1.6mm), 5/64"(2mm), 1/8"(3.2mm), 3/16"(4.8mm), 1/4"(6.4mm), 5/16"(7.9mm) 3/8"(9.5mm), 1/2"(12.7mm), 5/8"(15.9mm), 3/4"(19.1mm), 1"(25.4mm) Standard: 1/4"(6.4mm)



PW single needle series

Single needle, High speed, Post bed, Vertical axis hook, Lockstitch machines



PW-6B-1

Variety



PW-6B-1

Drop feed, reverse stitch



PW-7B

Compound feed, reverse stitch

Applications

- For sewing medium to heavy weight fabrics, leather, vinyl, synthetics and laminated and coated materials.
- Suitable for sewing such as raincoats, underwear, overalls, foundation garments, corsets and shoes.



PW single needle series

Features

- Post bed and wide working space makes it easy for sewing of large materials.
- Vertical axis hook.
- Safety clutch prevents the hook from being damaged (-7B).
- Reverse stitching.
- Roller presser foot allows for turning of sharp corners and tight curves.



PW-6B-1

Specifications (PW-□)

Variety		6B-1	7B
Number of needle		Single needle	
Max. sewing speed		2,800(s.p.m.)	
Max. stitch length		11/64" (4.5 mm)	
Clearance under presser foot	by knee	5/16" (8 mm)	33/64" (13 mm)
	by hand	15/64" (6 mm)	21/64" (8.5 mm)
Needle bar stroke		1-5/16" (33.2 mm)	
Needle(standard)		DPxF22 (#14) , 134KKS (#90)	DPx17 (#18) , 135x17 (#110)
Thread		#30 (standard)	#20 (standard)
Hook		Vertical axis hook	
Thread take up lever		Slide type	
Lubrication		Hand type	
Bed size		20-25/64" x 7" (518 x 177 mm)	
Post height		7" (178 mm)	
Working space		10-5/32" x 11-11/32" (258 x 288 mm)	
Motor		Clutch motor	
Net weight(Head only)		40Kg	42Kg

NOTE

- (1) Speed depends on threads, materials and type of operation
- (2) Specifications subject to change without notice





SEIKO

PW, LPW OPERATOR'S GUIDE

PW-6,6B,7,7B,8,8B,8M,8BM,26,26B,27,27B,28,28B

LPW-6,6B,7,7B,8,8B,8M,8BM,26,26B,27,27B,28,28B

LPW-6L,6BL,7L,7BL,8L,8BL,26L,26BL,27L,27BL,28L,28BL

LUBRICATION (PW type)

Use white spindle oil. When starting the machine initially and after kept away for a long time without using at all, oil sufficiently to respective necessary parts before starting operation and pre-running. (↓ oiling point)

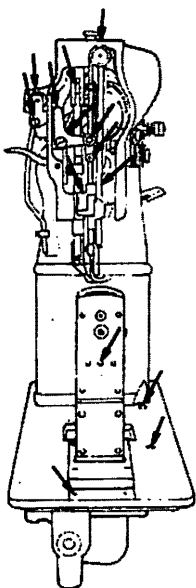


Fig. 1

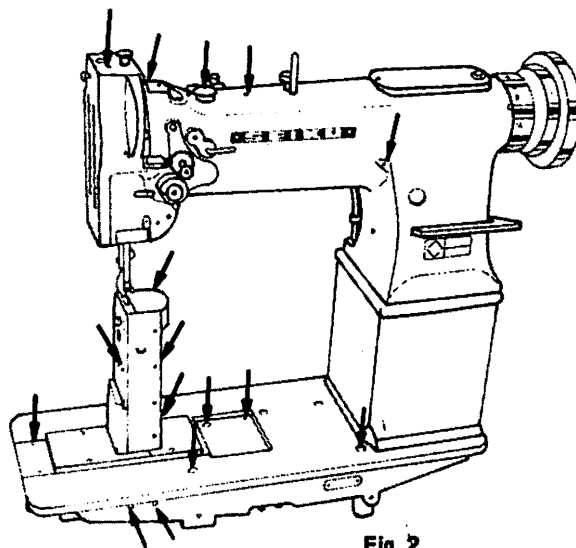


Fig. 2

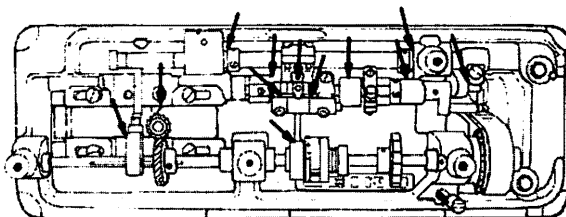


Fig. 3

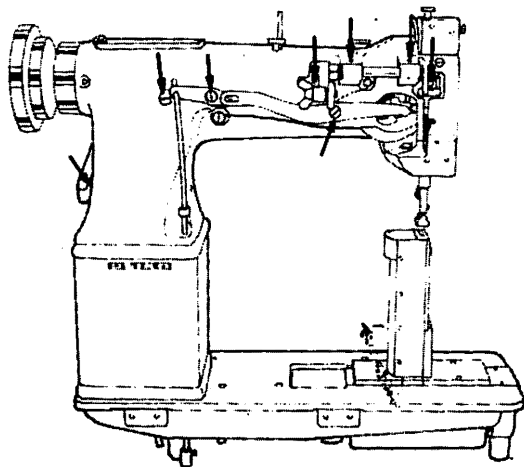
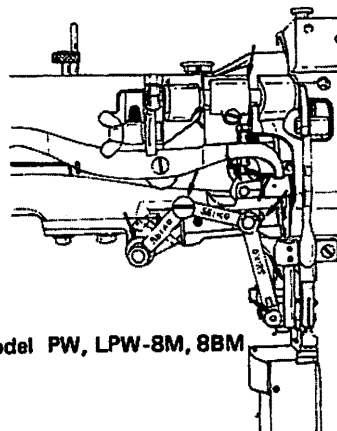


Fig. 4



Model PW, LPW-8M, 8BM

Fig. 5

LUBRICATION (LPW type)

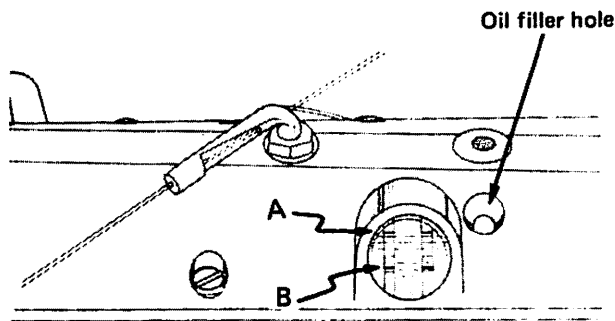


Fig. 6

To fill oil reservoir on top of machine until oil level reaches to upper reference line A. Always keep oil level is above lower reference line B.

OILING ADJUSTMENT FOR UPPER PART (LPW type)

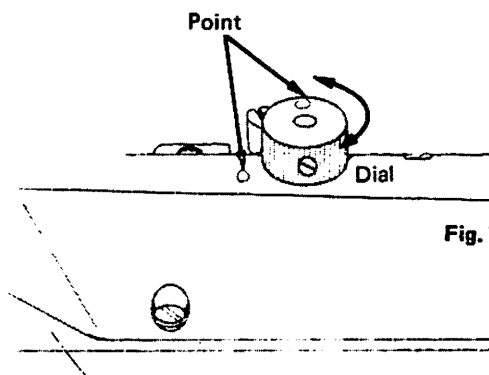


Fig. 7

While operating machine, lubrication to each spots of upper part of machine are made automatically. When the machine is in continuous operation, stop oiling for a while at your option. In that case, turn dial until two points fit together, then the dial comes down and lubrication is stopped.

NEEDLE

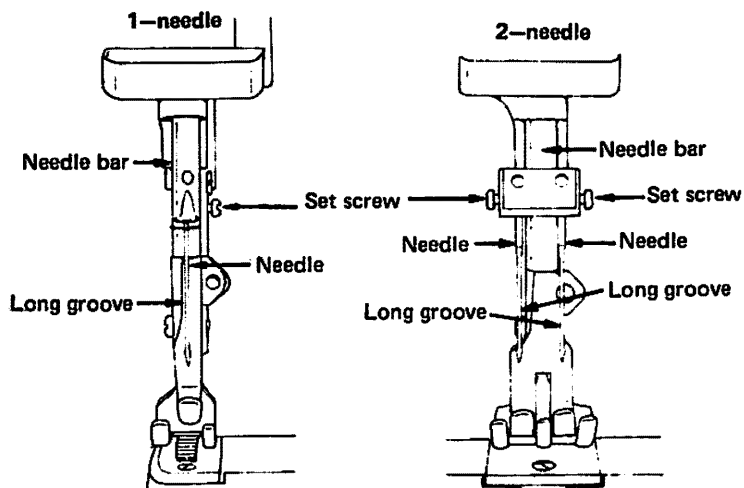


Fig. 8

Fig. 9

STANDARD NEEDLE

DP-F22, #14 PW, LPW-6, 6B, 26, 26B
(Roller presser)
DP x 7, #18 ... PW, LPW-6, 6B, 26, 26B
(Flat presser)
DP x 7, #24 ... LPW-6L, 6BL, 26L, 26BL
DP x 17, #18 ... PW, LPW-7B, 8B, 27, 27B
28, 28B
DP x 17, #19 ... PW, LPW-8M, 8BM
DP x 17, #22 ... PW, LPW-7, 8
DP x 17, #24 ... LPW-7L, 7BL, 8L, 8BL
27L, 27BL, 28L, 28BL

1. Move needle bar to highest point.
2. Insert needle up as far as possible.
3. Long groove faces left. (in case 2-needle, the groove faces inside.)
4. Tighten needle set screw.

ROLLER PRESSER FOOT (PW, LPW-6, 26(B), (L) type)

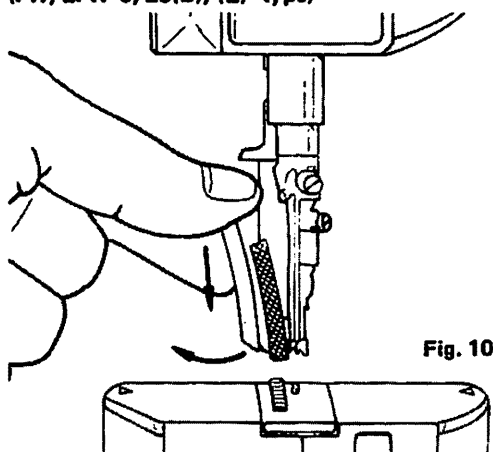


Fig. 10

Lift up presser bar lifter, then press down saddle of presser foot and turn it to left as far as it will go.

INSERTING AND REMOVING BOBBIN

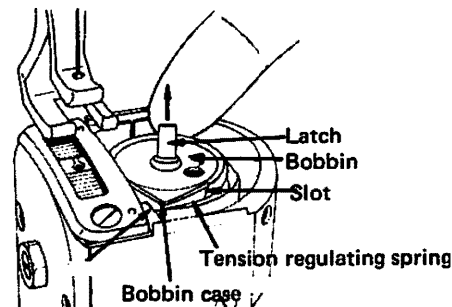


Fig. 11

1. Pull up latch and remove bobbin from bobbin case.
2. To insert a full bobbin, hold it pulling out the end of thread by 5 cm, and place the bobbin into the bobbin case, and press down the latch.
3. Lead the end of thread pulled out through slot of the bobbin case, and under tension spring through between the bobbin case and opener.
4. Close cap, but leave a space for passage of the end of thread pulled out.

WINDING BOBBIN

1. Place a bobbin on the bobbin winder spindle as far as possible.
2. Lead thread as shown by Fig.12 and wind several times on bobbin.
3. Press down lever for drive then start machine. Pulley will be disengaged from V-belt automatically after bobbin fills up with thread.

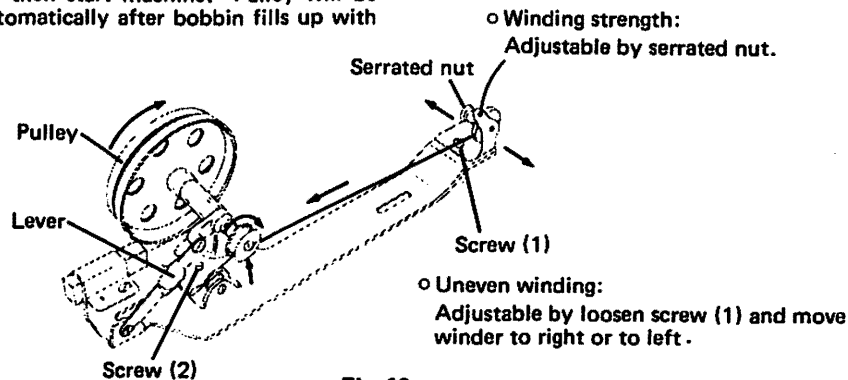


Fig. 12

- Winding strength:
Adjustable by serrated nut.
- Uneven winding:
Adjustable by loosen screw (1) and move winder to right or to left.
- Winding amount:
Adjustable by screw (2).

THREADING NEEDLE

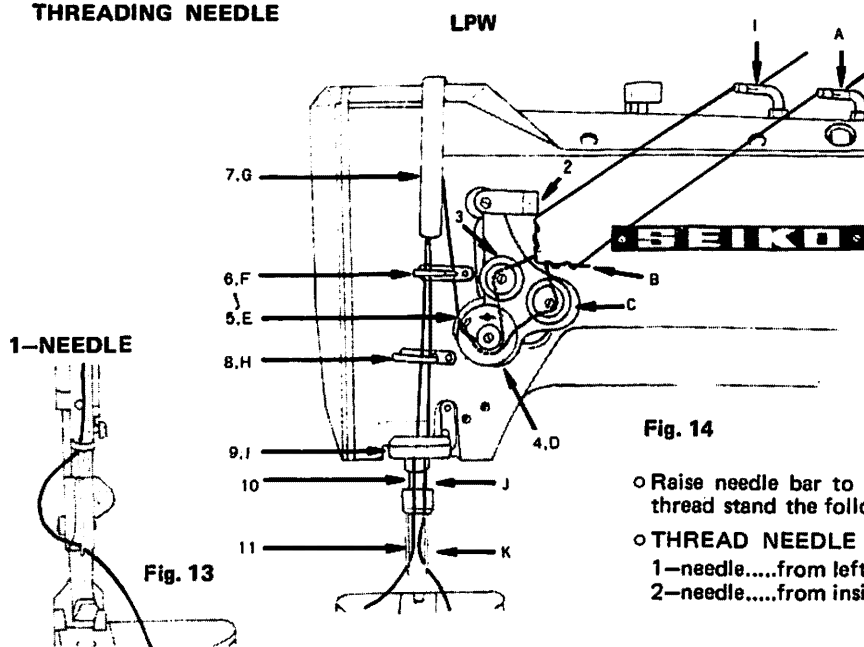


Fig. 13

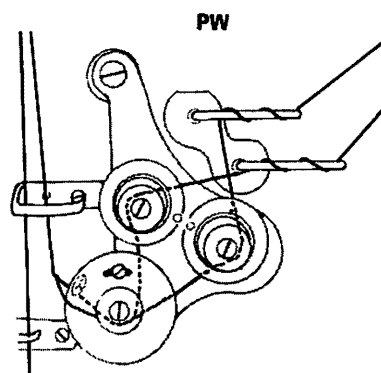


Fig. 15

Fig. 14

- Raise needle bar to highest point and lead thread from thread stand the following numerical order 1(A) ~ 11(K).
- THREAD NEEDLE
1-needle.....from left to right
2-needle.....from inside to outside

THREAD TENSION



Fig. 16

NEEDLE THREAD

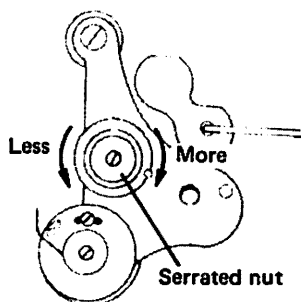


Fig. 17

To adjust, turn serrated nut

BOBBIN THREAD

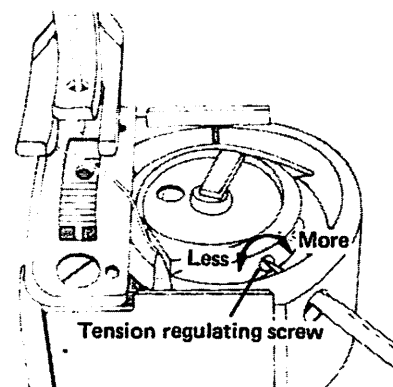


Fig. 18

To adjust, turn adjusting screw

ADJUSTING LIFT OF ALTERNATING PRESSER FEET

(Compound feed with walking foot machine only)

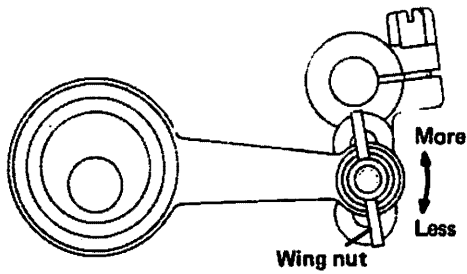


Fig. 19

To adjust, loosen wing nut and move link and stud assembly along slot.

TO REGULATE PRESSER FOOT PRESSURE

PW type

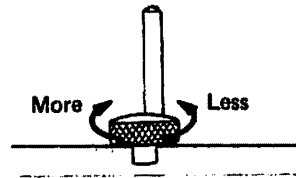


Fig. 20

LPW type

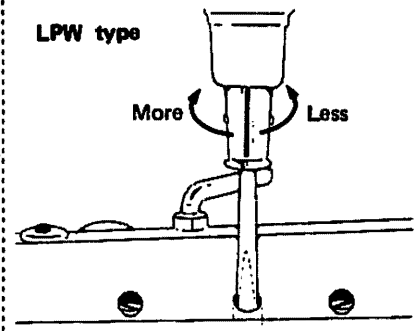


Fig. 21

The pressure on the material should be as light as possible, while still sufficient to insure correct feeding.

ADJUSTING STITCH LENGTH

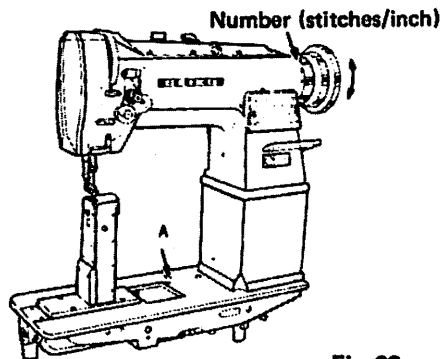


Fig. 22

Pressing down button A, turn pulley slowly toward you. Then plunger will enter into notch in feeding mechanism. Hold the plunger down and turn pulley either forward or rearward so that desired number on pulley may come at mark on arm. Then, release the plunger.

REVERSE STITCHING (only with reverse stitch mechanism.)

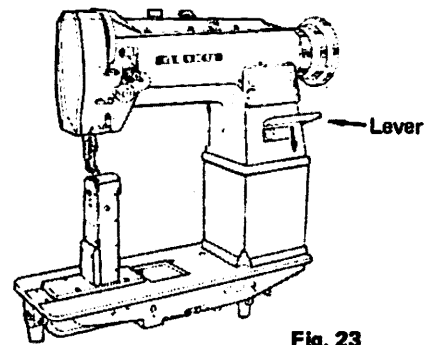


Fig. 23

To reverse stitching, press down the lever as far as it will go.

RE-ENGAGE SAFETY CLUTCH MECHANISM (except PW, LPW-6, 6B, 26, 26B)

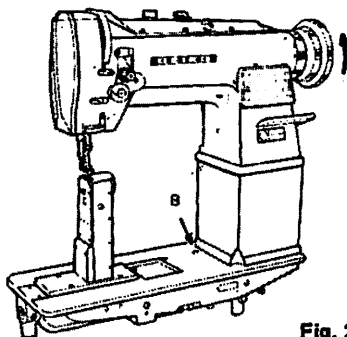


Fig. 24

1. Remove any foreign matter which may have lodged in hook. Do not use any sharp-edged tools.
2. Pressing button B and turn pulley rearward slowly to re-engage safety clutch.

TRIMMER (8M, 8BM type)

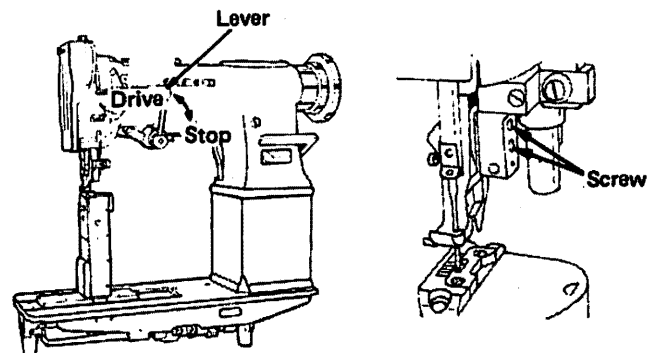


Fig. 25

Fig. 26

When replacement of knife, loosen two screws.

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